

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101122\  
 Data File : VX032071.D  
 Acq On : 12 Oct 2022 08:57  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 12 13:27:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 14:28:46 2022  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|--------|----------|
| -----                        |           |       |          |          |        |          |
| Internal Standards           |           |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.556     | 168   | 67702    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763     | 114   | 107673   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 120207   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 86836    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958     | 65    | 82270    | 58.840   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 74 - 125 | Recovery | =      | 117.680% |
| 35) Dibromofluoromethane     | 5.385     | 113   | 61897    | 50.785   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | =      | 101.580% |
| 50) Toluene-d8               | 8.647     | 98    | 225162   | 51.341   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 86 - 113 | Recovery | =      | 102.680% |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 87291    | 56.300   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | =      | 112.600% |
| Target Compounds             |           |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166     | 85    | 51774    | 51.386   | ug/l   | 99       |
| 3) Chloromethane             | 1.288     | 50    | 47645    | 45.157   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374     | 62    | 55674    | 45.153   | ug/l   | 97       |
| 5) Bromomethane              | 1.611     | 94    | 37577    | 46.777   | ug/l   | 99       |
| 6) Chloroethane              | 1.685     | 64    | 50030    | 47.681   | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 1.886     | 101   | 107101   | 48.323   | ug/l   | 100      |
| 8) Diethyl Ether             | 2.130     | 74    | 36495    | 48.307   | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331     | 101   | 52933    | 47.250   | ug/l   | 94       |
| 10) Methyl Iodide            | 2.453     | 142   | 49227    | 43.561   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 3.014     | 59    | 49190    | 282.769  | ug/l # | 94       |
| 12) 1,1-Dichloroethene       | 2.319     | 96    | 47770    | 46.323   | ug/l   | 95       |
| 13) Acrolein                 | 2.239     | 56    | 21434    | 211.292  | ug/l   | 93       |
| 14) Allyl chloride           | 2.666     | 41    | 74332    | 50.658   | ug/l   | 98       |
| 15) Acrylonitrile            | 3.068     | 53    | 134672   | 242.848  | ug/l   | 100      |
| 16) Acetone                  | 2.392     | 43    | 117194   | 246.625  | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.508     | 76    | 97748    | 44.140   | ug/l   | 98       |
| 18) Methyl Acetate           | 2.703     | 43    | 82260    | 52.465   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.111     | 73    | 178311   | 51.527   | ug/l   | 99       |
| 20) Methylene Chloride       | 2.788     | 84    | 56283    | 45.072   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 3.093     | 96    | 52775    | 46.212   | ug/l   | 95       |
| 22) Diisopropyl ether        | 3.757     | 45    | 186362   | 56.496   | ug/l   | 91       |
| 23) Vinyl Acetate            | 3.721     | 43    | 710901   | 288.316  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.611     | 63    | 101658   | 51.411   | ug/l   | 99       |
| 25) 2-Butanone               | 4.562     | 43    | 190028   | 255.816  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.477     | 77    | 52201    | 36.754   | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene   | 4.489     | 96    | 64602    | 47.277   | ug/l   | 92       |
| 28) Bromochloromethane       | 4.897     | 49    | 46881    | 55.391   | ug/l   | 91       |
| 29) Tetrahydrofuran          | 5.007     | 42    | 121750   | 254.020  | ug/l   | 96       |
| 30) Chloroform               | 5.092     | 83    | 116332   | 52.818   | ug/l   | 100      |
| 31) Cyclohexane              | 5.470     | 56    | 83441    | 49.955   | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 5.385     | 97    | 101274   | 54.109   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.690     | 75    | 78678    | 48.681   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.715     | 43    | 78810    | 51.795   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.678     | 117   | 87164    | 52.746   | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.379     | 83    | 91841    | 47.641   | ug/l   | 95       |
| 40) Benzene                  | 6.037     | 78    | 232707   | 49.171   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101122\  
 Data File : VX032071.D  
 Acq On : 12 Oct 2022 08:57  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 12 13:27:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 14:28:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 43747    | 55.290  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 97271    | 56.404  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.342  | 43   | 127339   | 55.159  | ug/l   | 99       |
| 44) Trichloroethene           | 7.129  | 130  | 63786    | 45.966  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 60738    | 52.223  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 45123    | 50.062  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.824  | 83   | 88962    | 57.134  | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.696  | 41   | 64059    | 58.069  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.696  | 88   | 23553    | 939.652 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 414142   | 270.706 | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 153505   | 49.609  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 83634    | 49.898  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 90353    | 53.582  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 64144    | 49.115  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 93769    | 56.013  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 107733   | 51.334  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 220884   | 255.608 | ug/l   | 96       |
| 59) 2-Hexanone                | 9.433  | 43   | 306580   | 271.785 | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.525  | 129  | 66393    | 55.549  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 65982    | 50.239  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 63180    | 46.555  | ug/l   | 94       |
| 65) Chlorobenzene             | 10.079 | 112  | 167407   | 45.962  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 63134    | 50.095  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 302187   | 49.043  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 232889   | 95.111  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 113399   | 47.647  | ug/l   | 94       |
| 70) Styrene                   | 10.652 | 104  | 194282   | 51.064  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 44424    | 53.844  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 310235   | 47.369  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.848 | 43   | 118041   | 59.020  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 95625    | 45.954  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 99931    | 56.150  | ug/l   | 88       |
| 77) Bromobenzene              | 11.201 | 156  | 72358    | 44.851  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 359441   | 48.252  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 217193   | 48.449  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 264430   | 48.681  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 20948    | 42.360  | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 252407   | 49.163  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 256002   | 47.619  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 267905   | 48.550  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 334912   | 50.318  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 282870   | 50.477  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 140532   | 45.750  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 144095   | 45.574  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 244416   | 52.083  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 44637    | 50.089  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 143526   | 46.995  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 20859    | 54.762  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 87981    | 47.464  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 35721    | 47.647  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 298518   | 46.998  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 88536    | 47.088  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101122\  
Data File : VX032071.D  
Acq On : 12 Oct 2022 08:57  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 48 Sample Multiplier: 1

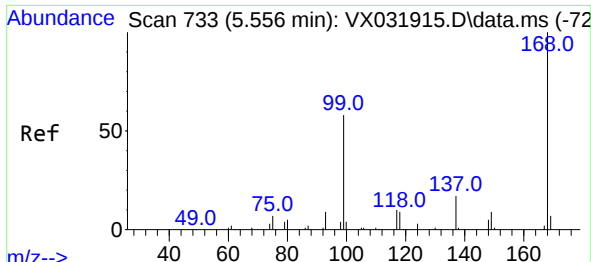
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Oct 12 13:27:51 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 06 14:28:46 2022  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

(#) = qualifier out of range (m) = manual integration (+) = signals summed

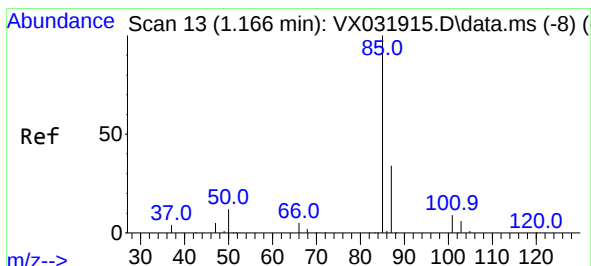
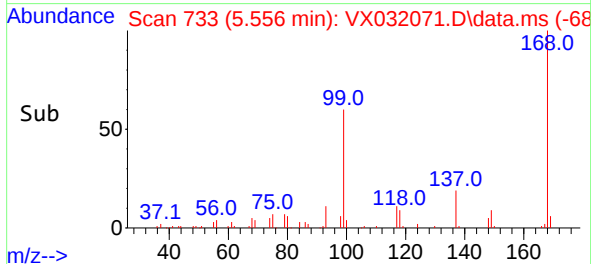
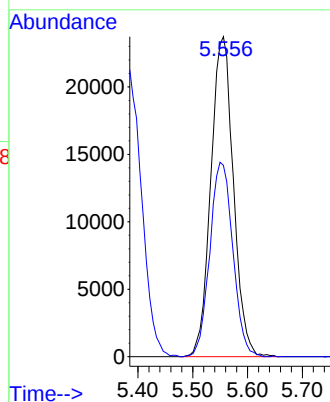
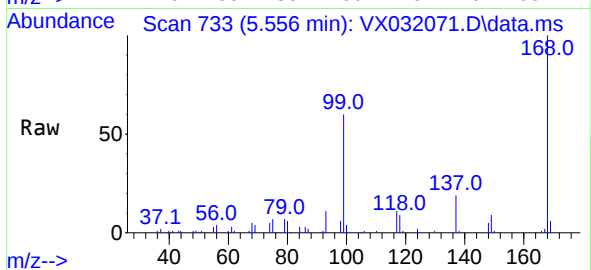




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

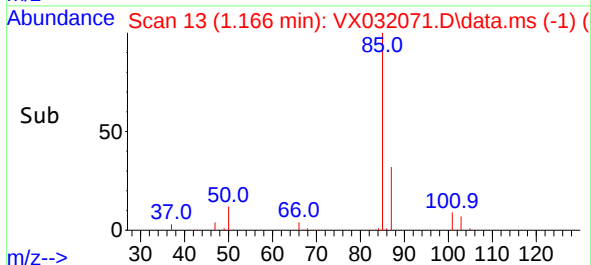
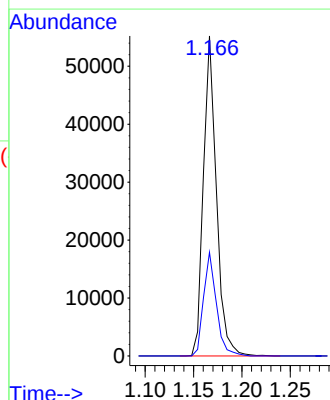
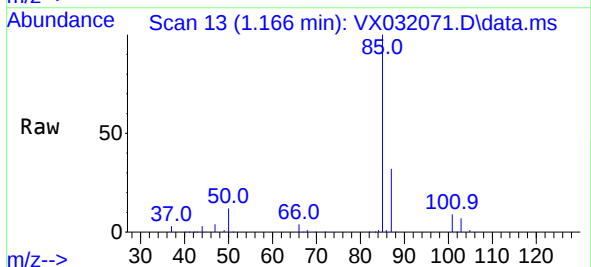
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:168 Resp: 67702  
Ion Ratio Lower Upper  
168 100  
99 59.8 48.8 73.2

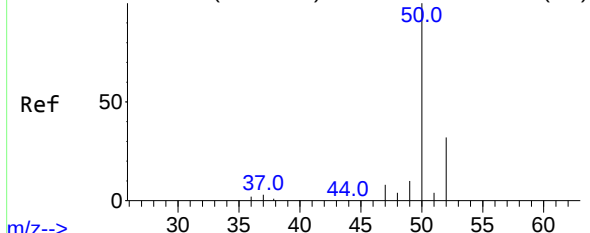


#2  
Dichlorodifluoromethane  
Concen: 51.386 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 85 Resp: 51774  
Ion Ratio Lower Upper  
85 100  
87 32.4 15.8 47.4



Abundance Scan 33 (1.288 min): VX031915.D\data.ms (-29)



#3

Chloromethane

Concen: 45.157 ug/l

RT: 1.288 min Scan# 33

Delta R.T. 0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

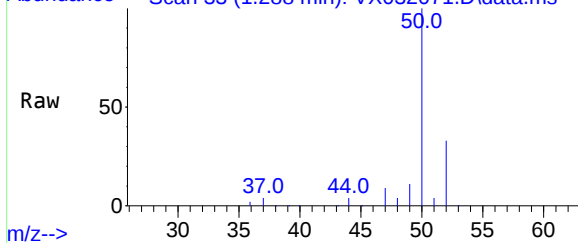
Tgt Ion: 50 Resp: 47645

Ion Ratio Lower Upper

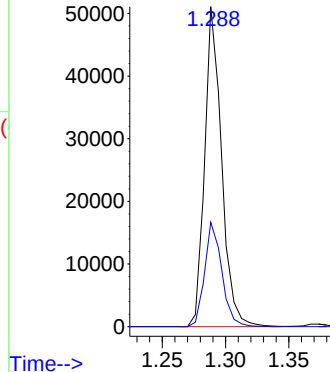
50 100

52 32.7 26.9 40.3

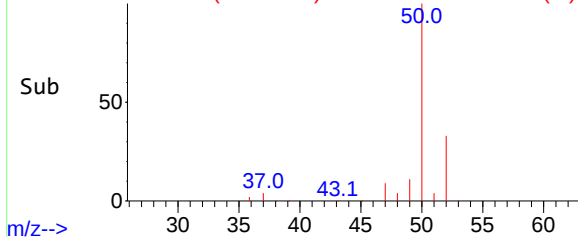
Abundance Scan 33 (1.288 min): VX032071.D\data.ms



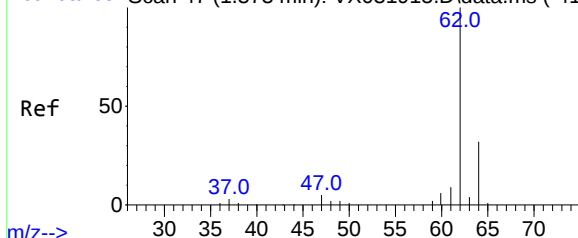
Abundance



Abundance Scan 33 (1.288 min): VX032071.D\data.ms (-1) (



Abundance Scan 47 (1.373 min): VX031915.D\data.ms (-41)



#4

Vinyl Chloride

Concen: 45.153 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

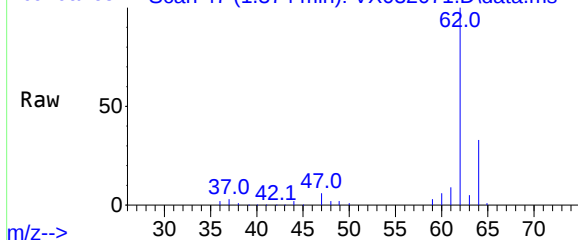
Tgt Ion: 62 Resp: 55674

Ion Ratio Lower Upper

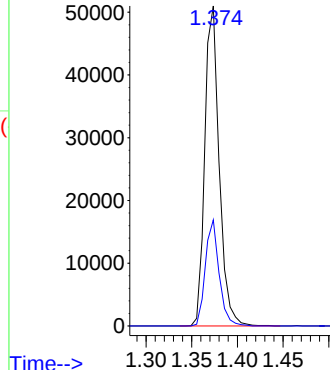
62 100

64 33.2 25.3 37.9

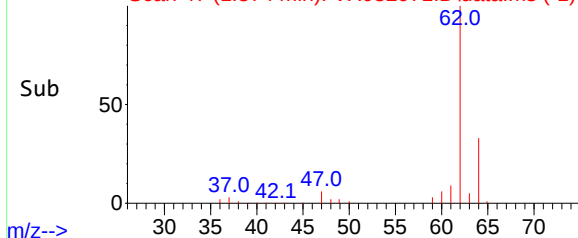
Abundance Scan 47 (1.374 min): VX032071.D\data.ms



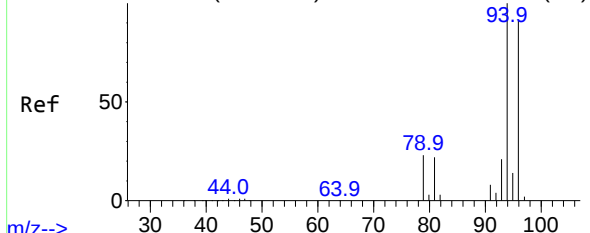
Abundance



Abundance Scan 47 (1.374 min): VX032071.D\data.ms (-1) (

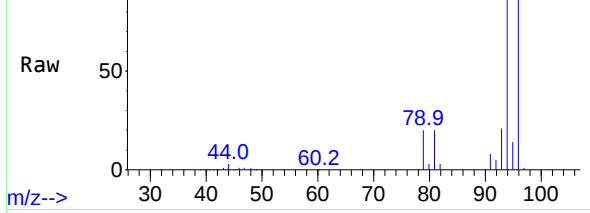


Abundance Scan 86 (1.611 min): VX031915.D\data.ms (-81)



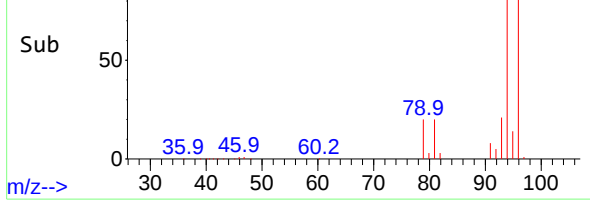
m/z-->

Abundance Scan 86 (1.611 min): VX032071.D\data.ms



m/z-->

Abundance Scan 86 (1.611 min): VX032071.D\data.ms (-37)



m/z-->

#5

Bromomethane

Concen: 46.777 ug/l

RT: 1.611 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

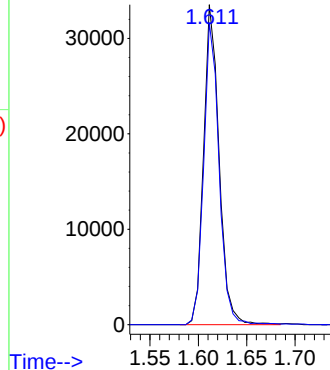
Tgt Ion: 94 Resp: 37577

Ion Ratio Lower Upper

94 100

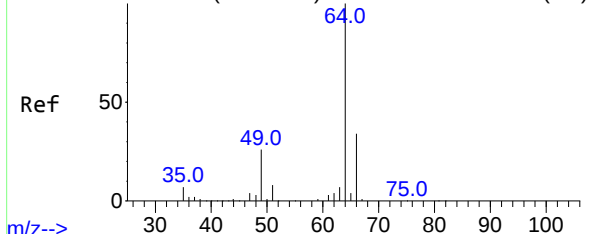
96 94.4 74.4 111.6

Abundance



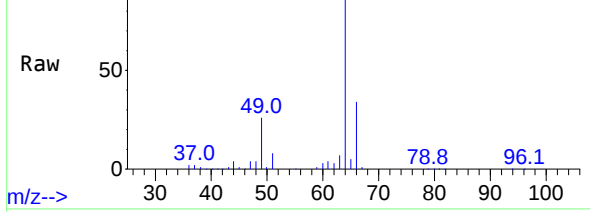
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Abundance Scan 98 (1.684 min): VX031915.D\data.ms (-90)



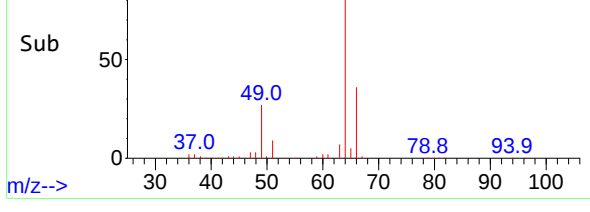
m/z-->

Abundance Scan 98 (1.685 min): VX032071.D\data.ms



m/z-->

Abundance Scan 98 (1.685 min): VX032071.D\data.ms (-49)



m/z-->

#6

Chloroethane

Concen: 47.681 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.001 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

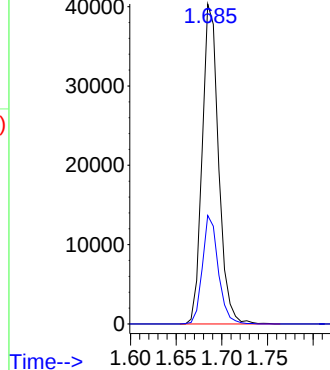
Tgt Ion: 64 Resp: 50030

Ion Ratio Lower Upper

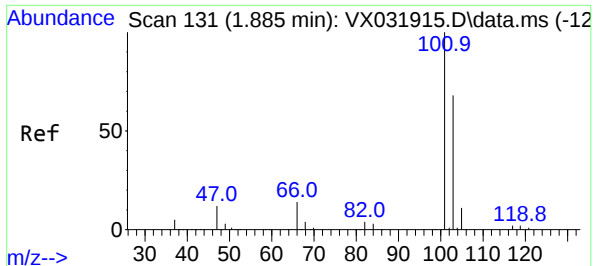
64 100

66 33.9 25.0 37.4

Abundance



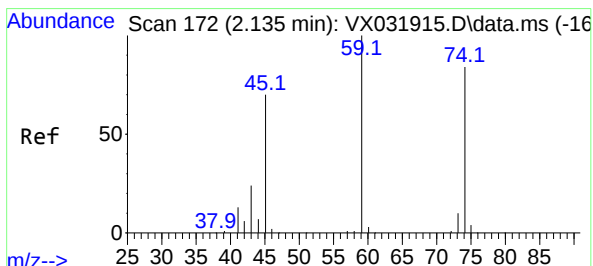
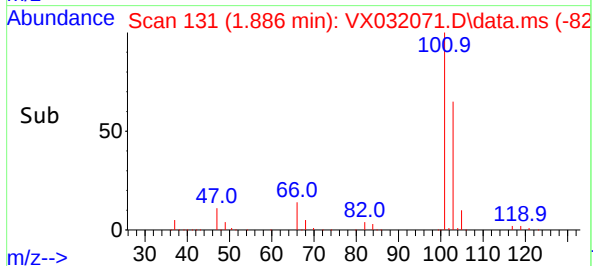
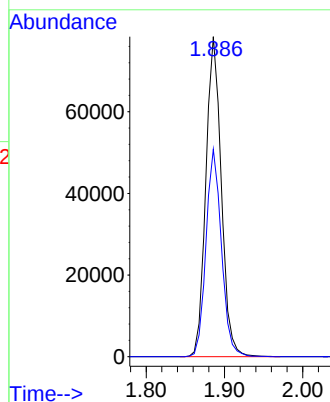
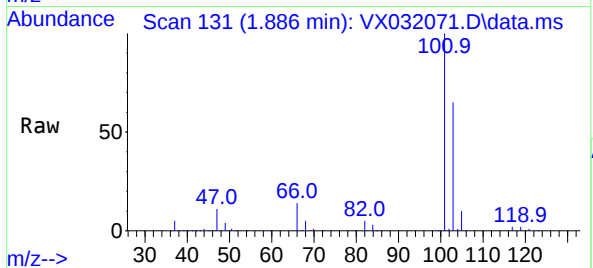
Time-->



#7  
Trichlorofluoromethane  
Concen: 48.323 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

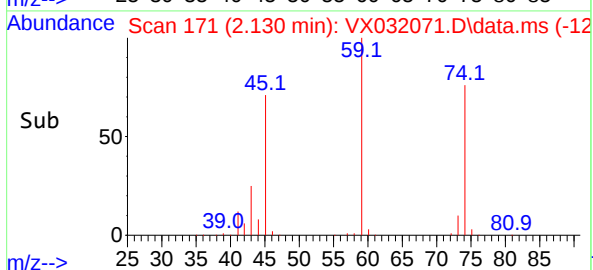
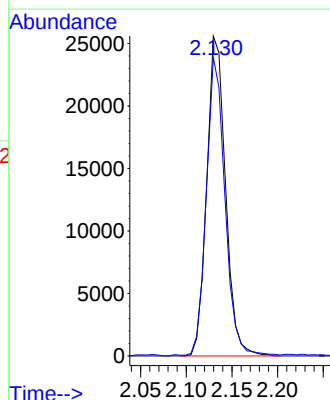
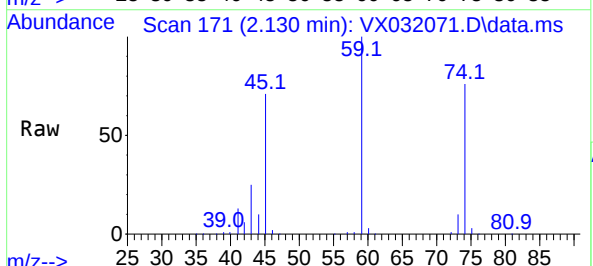
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

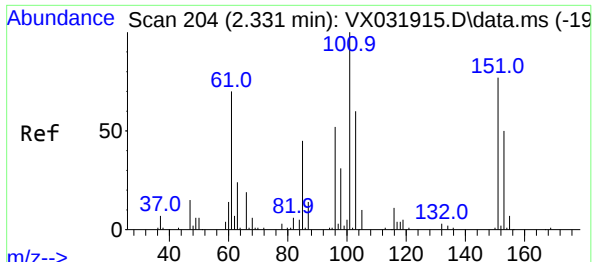
Tgt Ion:101 Resp: 107101  
Ion Ratio Lower Upper  
101 100  
103 64.8 51.8 77.6



#8  
Diethyl Ether  
Concen: 48.307 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.005 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 74 Resp: 36495  
Ion Ratio Lower Upper  
74 100  
45 93.1 48.5 145.6

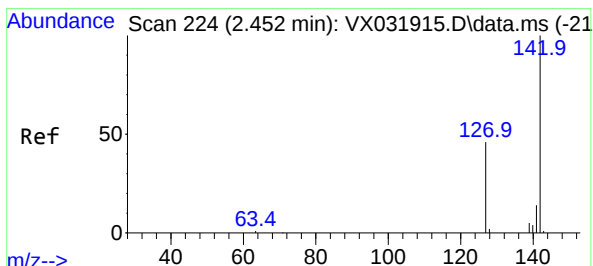
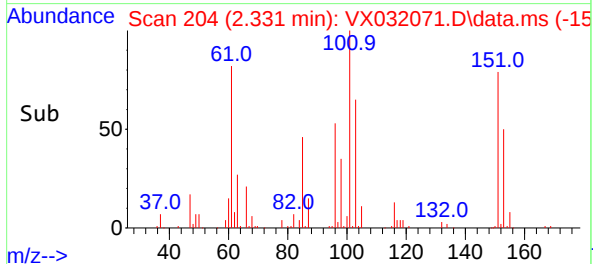
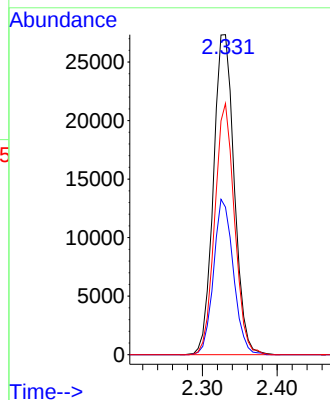
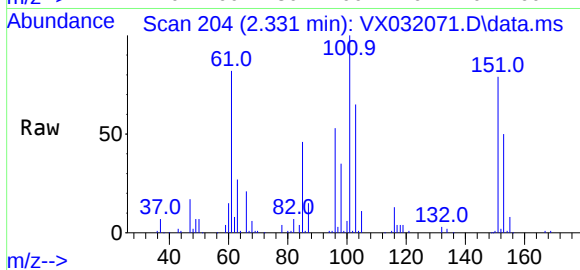




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.250 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

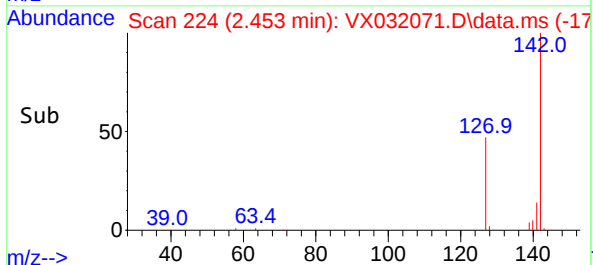
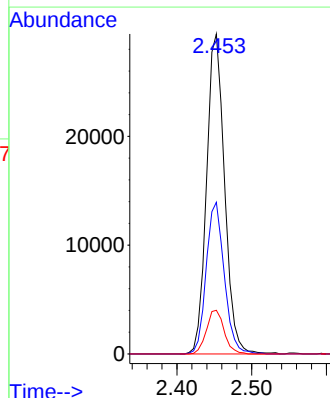
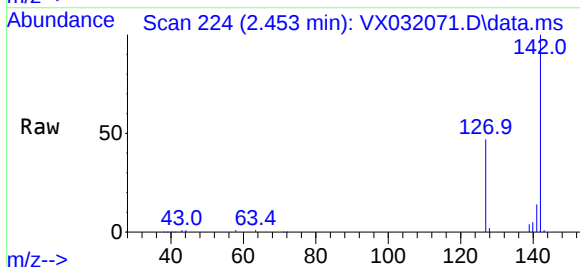
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

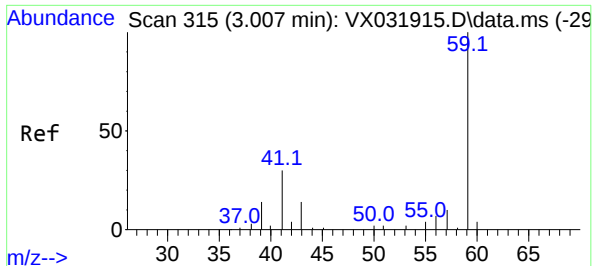
Tgt Ion:101 Resp: 52933  
Ion Ratio Lower Upper  
101 100  
85 46.1 38.6 57.8  
151 74.4 54.0 81.0



#10  
Methyl Iodide  
Concen: 43.561 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.001 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion:142 Resp: 49227  
Ion Ratio Lower Upper  
142 100  
127 47.6 37.4 56.0  
141 13.5 11.6 17.4

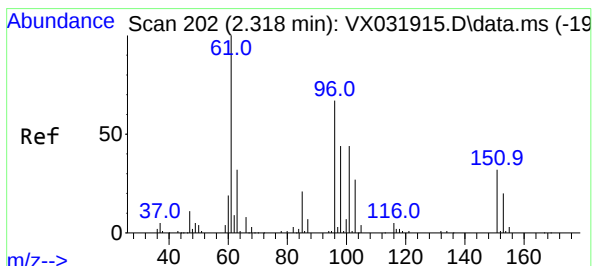
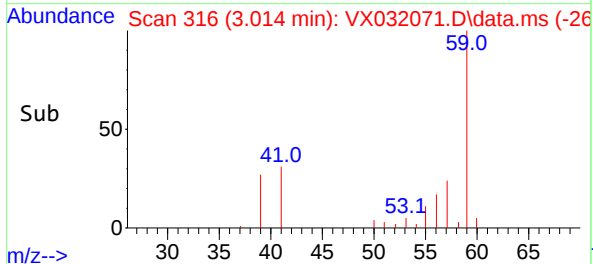
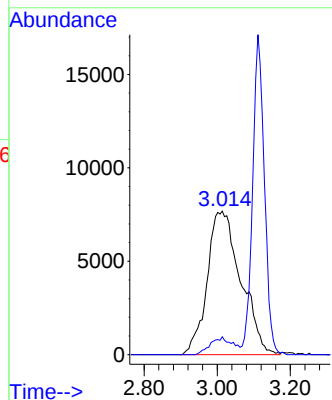
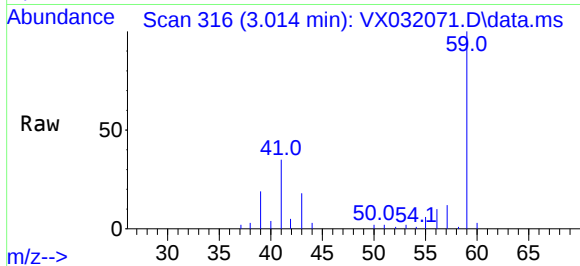




#11  
Tert butyl alcohol  
Concen: 282.769 ug/l  
RT: 3.014 min Scan# 315  
Delta R.T. 0.007 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

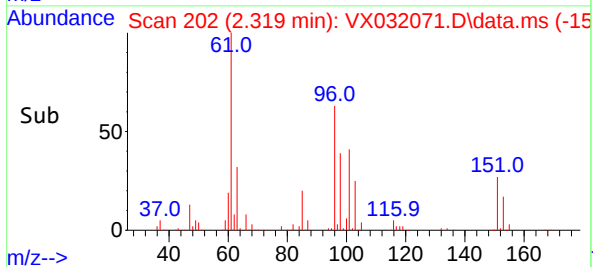
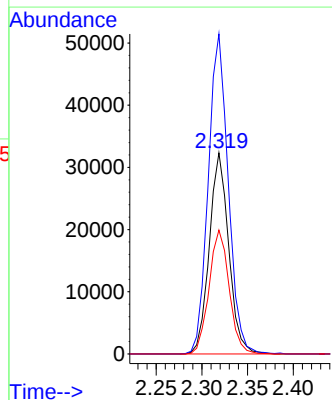
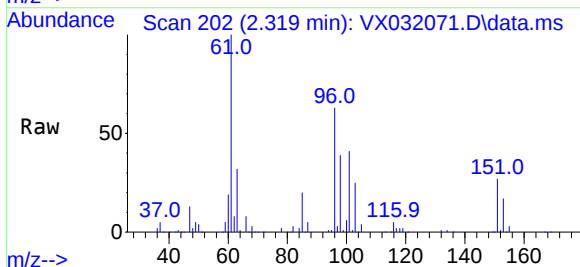
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 59 Resp: 49190  
Ion Ratio Lower Upper  
59 100  
57 8.1 8.2 12.2#

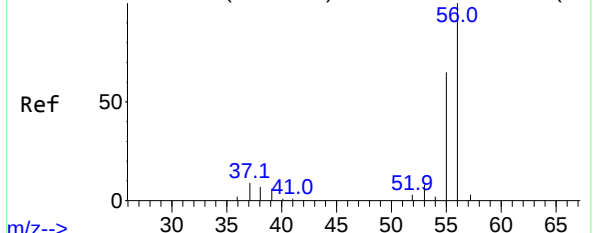


#12  
1,1-Dichloroethene  
Concen: 46.323 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.001 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

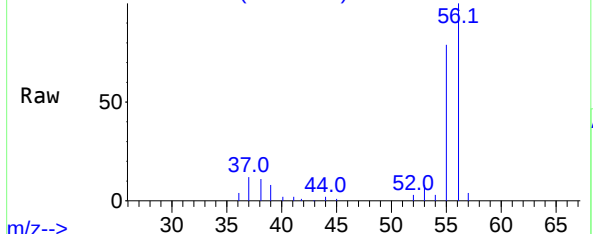
Tgt Ion: 96 Resp: 47770  
Ion Ratio Lower Upper  
96 100  
61 159.1 135.3 202.9  
98 61.6 49.4 74.2



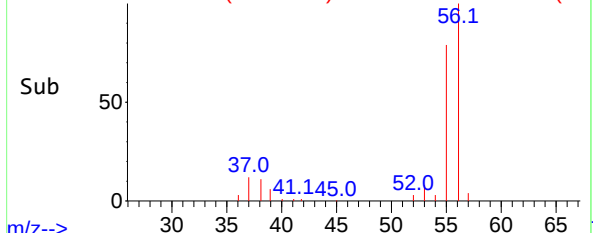
Abundance Scan 189 (2.239 min): VX031915.D\data.ms (-18



m/z--> Scan 189 (2.239 min): VX032071.D\data.ms



m/z--> Abundance Scan 189 (2.239 min): VX032071.D\data.ms (-14



m/z-->

#13

Acrolein

Concen: 211.292 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

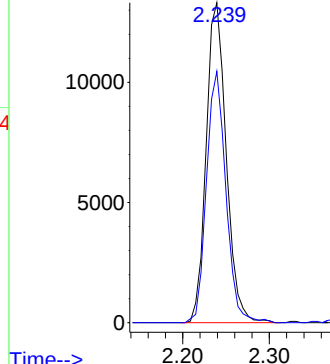
Tgt Ion: 56 Resp: 21434

Ion Ratio Lower Upper

56 100

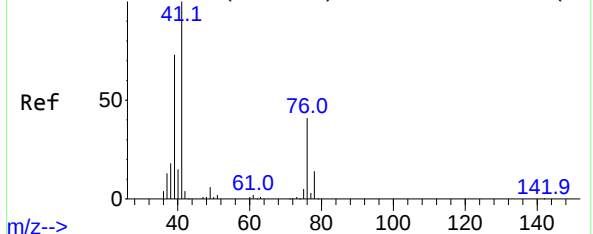
55 76.0 56.0 84.0

Abundance

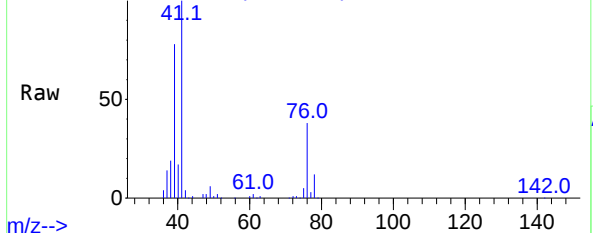


Time-->

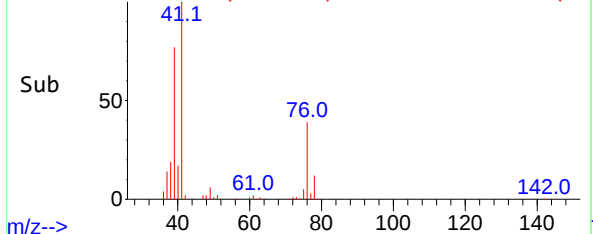
Abundance Scan 259 (2.666 min): VX031915.D\data.ms (-25



m/z--> Scan 259 (2.666 min): VX032071.D\data.ms



m/z--> Abundance Scan 259 (2.666 min): VX032071.D\data.ms (-21



m/z-->

#14

Allyl chloride

Concen: 50.658 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Tgt Ion: 41 Resp: 74332

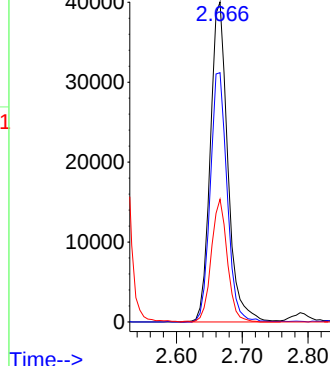
Ion Ratio Lower Upper

41 100

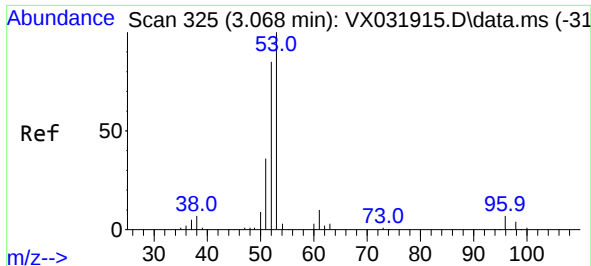
39 74.8 58.2 87.4

76 35.1 26.9 40.3

Abundance



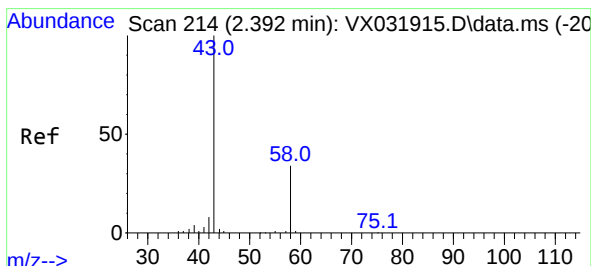
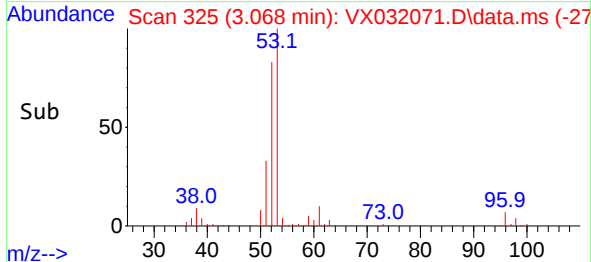
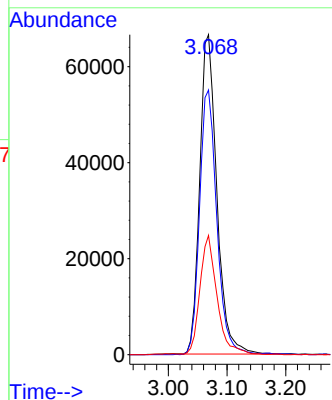
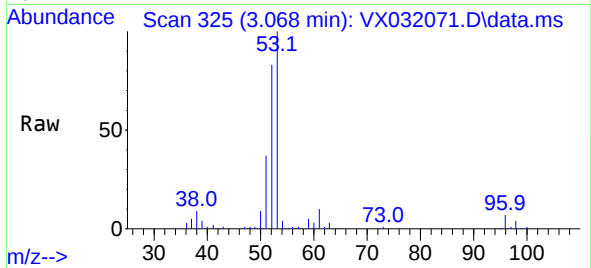
Time-->



#15  
Acrylonitrile  
Concen: 242.848 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

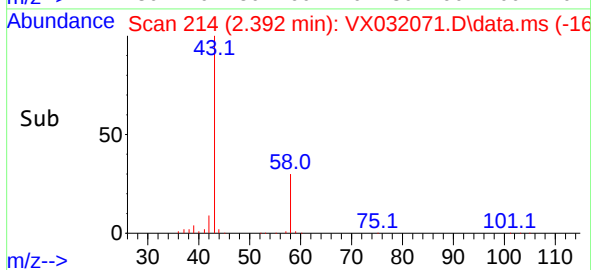
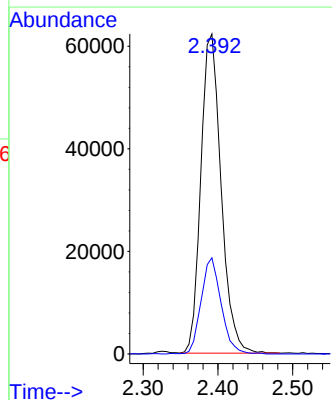
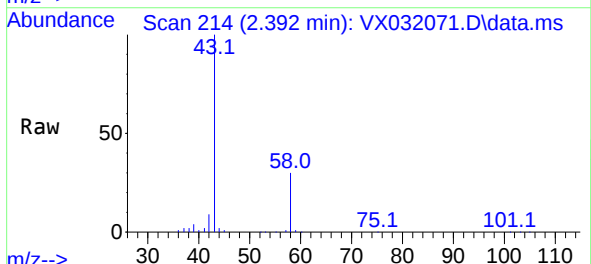
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

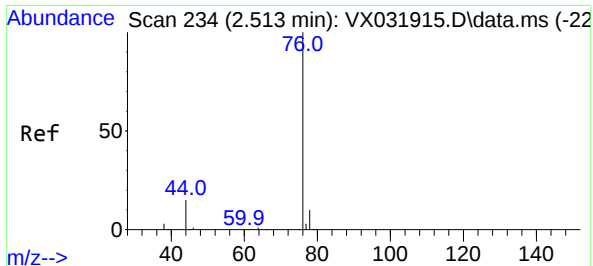
Tgt Ion: 53 Resp: 134672  
Ion Ratio Lower Upper  
53 100  
52 83.9 66.9 100.3  
51 37.1 30.0 45.0



#16  
Acetone  
Concen: 246.625 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 43 Resp: 117194  
Ion Ratio Lower Upper  
43 100  
58 30.1 23.8 35.8

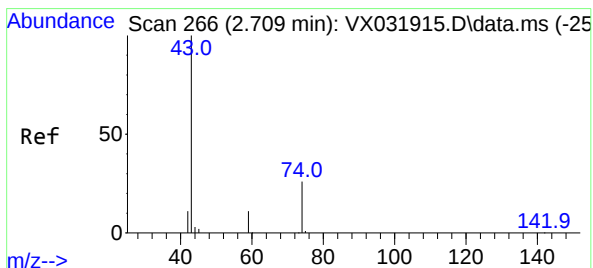
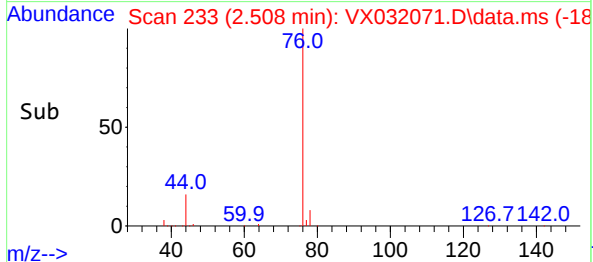
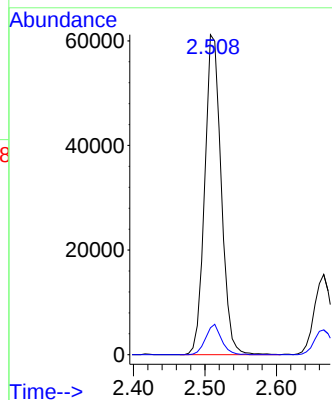
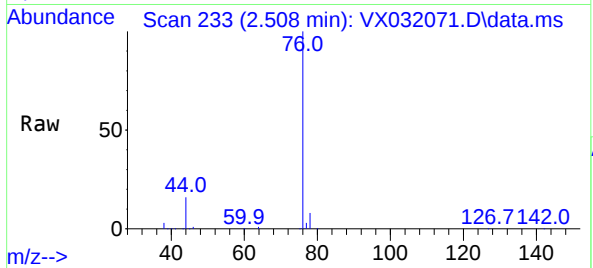




#17  
Carbon Disulfide  
Concen: 44.140 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

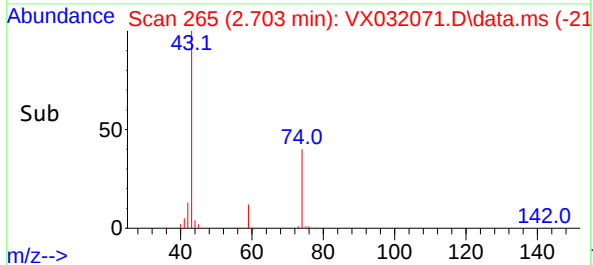
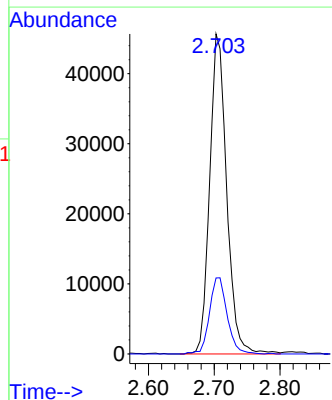
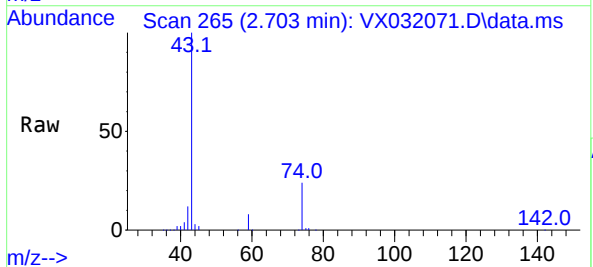
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

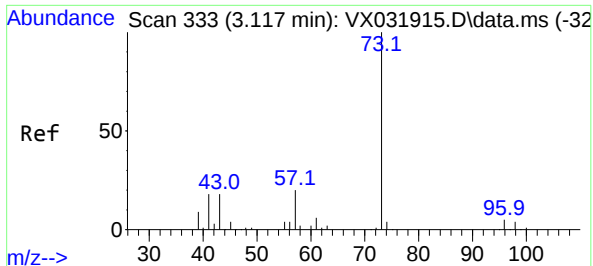
Tgt Ion: 76 Resp: 97748  
Ion Ratio Lower Upper  
76 100  
78 8.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 52.465 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 43 Resp: 82260  
Ion Ratio Lower Upper  
43 100  
74 24.8 18.6 27.8

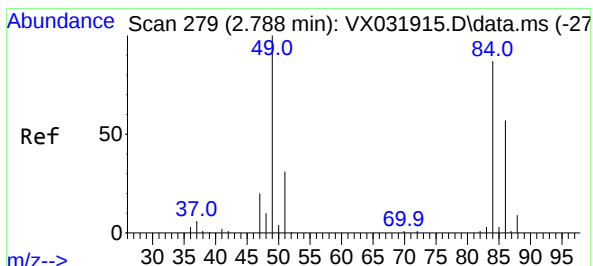
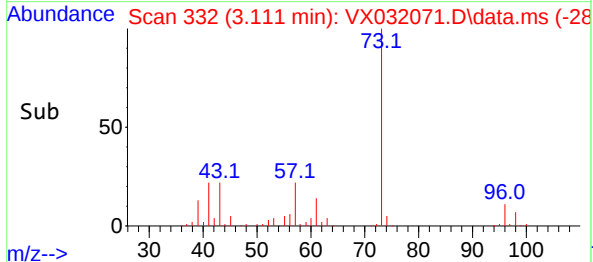
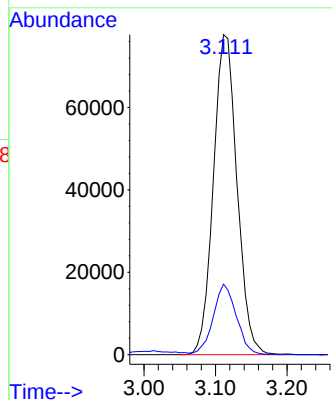
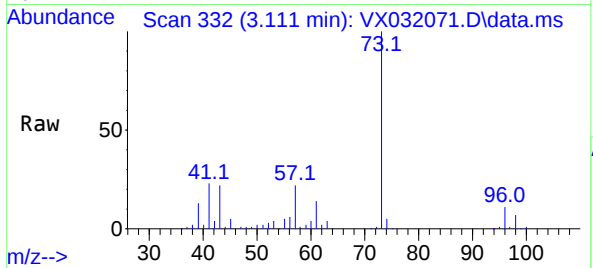




#19  
Methyl tert-butyl Ether  
Concen: 51.527 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

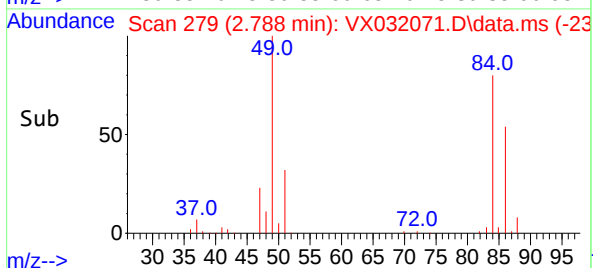
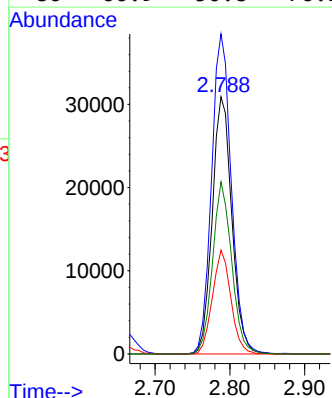
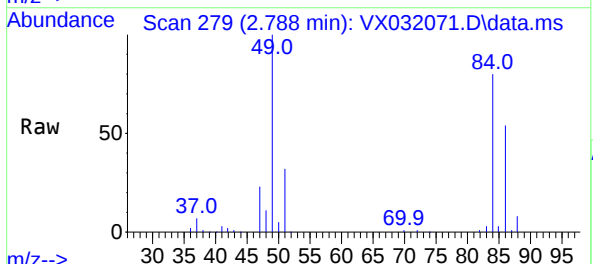
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

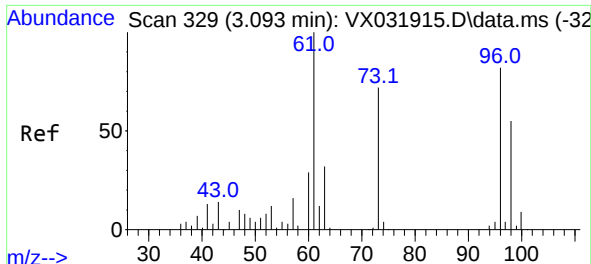
Tgt Ion: 73 Resp: 178311  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.2 25.8



#20  
Methylene Chloride  
Concen: 45.072 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 84 Resp: 56283  
Ion Ratio Lower Upper  
84 100  
49 124.4 105.9 158.9  
51 40.3 32.2 48.2  
86 66.9 50.8 76.2

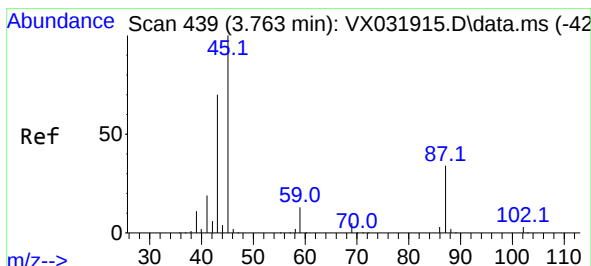
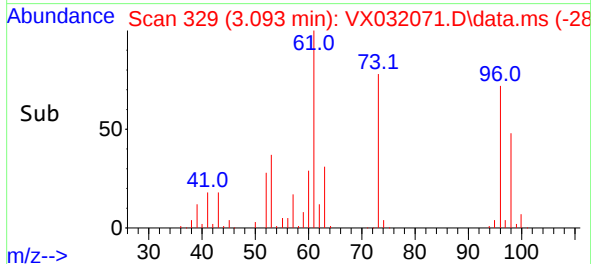
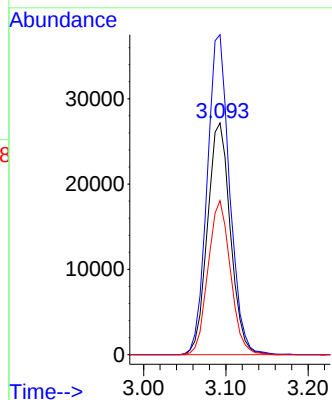
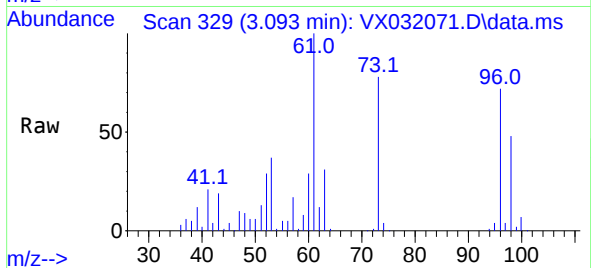




#21  
trans-1,2-Dichloroethene  
Concen: 46.212 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

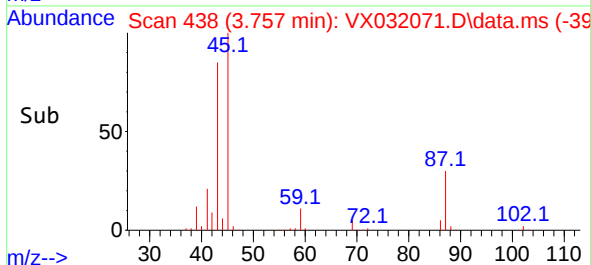
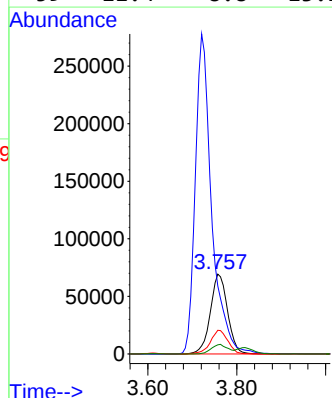
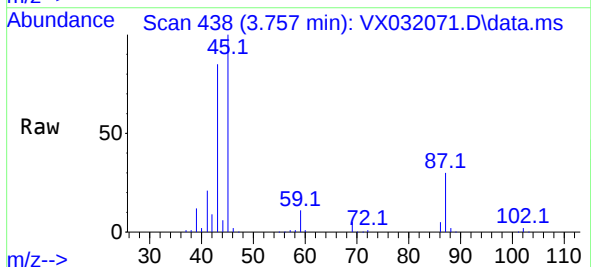
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

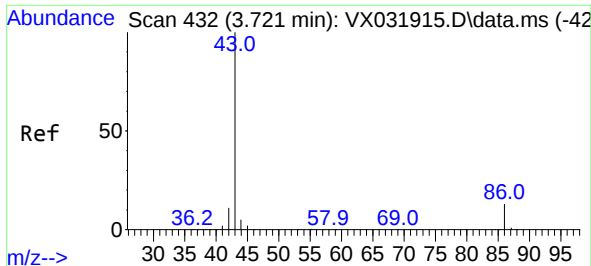
Tgt Ion: 96 Resp: 52775  
Ion Ratio Lower Upper  
96 100  
61 138.2 106.7 160.1  
98 66.5 48.7 73.1



#22  
Diisopropyl ether  
Concen: 56.496 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 45 Resp: 186362  
Ion Ratio Lower Upper  
45 100  
43 84.8 59.0 88.6  
87 29.6 22.6 33.8  
59 11.4 8.8 13.2

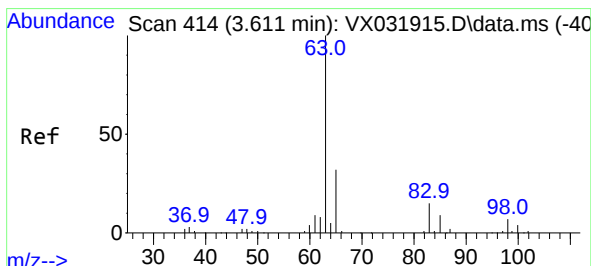
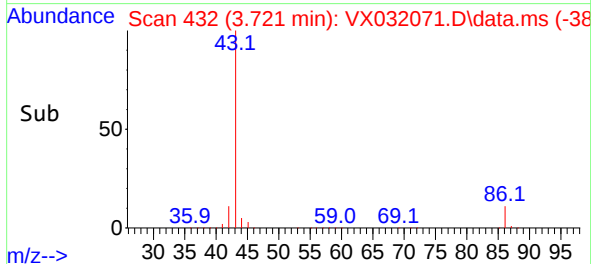
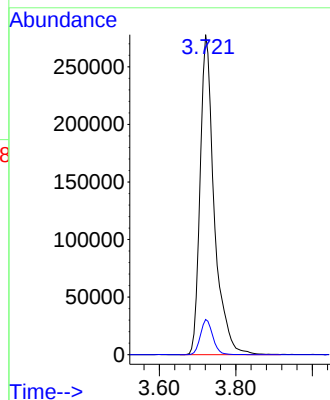
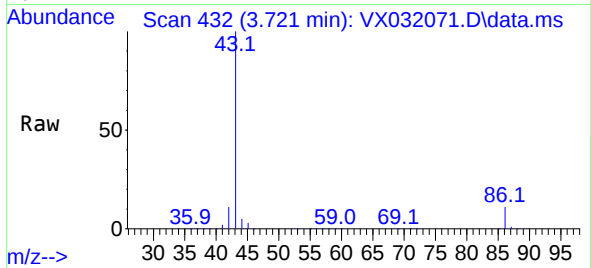




#23  
Vinyl Acetate  
Concen: 288.316 ug/l  
RT: 3.721 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

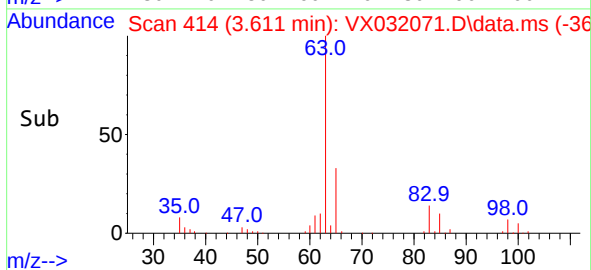
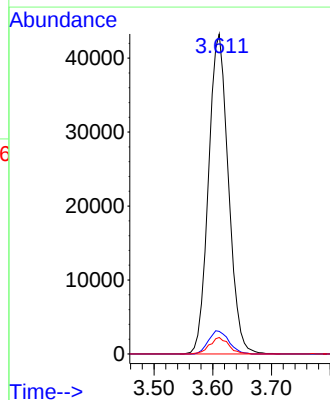
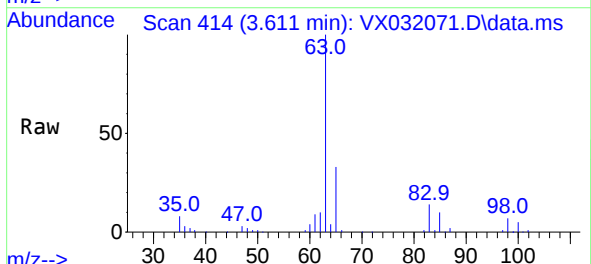
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

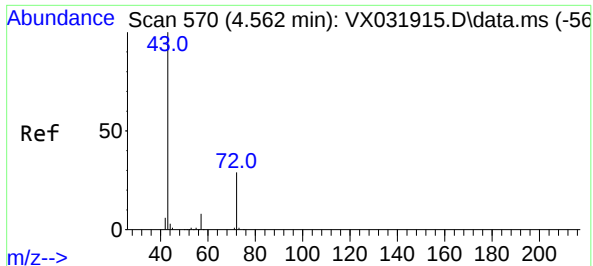
Tgt Ion: 43 Resp: 710901  
Ion Ratio Lower Upper  
43 100  
86 11.0 8.7 13.1



#24  
1,1-Dichloroethane  
Concen: 51.411 ug/l  
RT: 3.611 min Scan# 414  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 63 Resp: 101658  
Ion Ratio Lower Upper  
63 100  
98 7.0 3.5 10.4  
100 5.2 2.4 7.2





#25

2-Butanone

Concen: 255.816 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

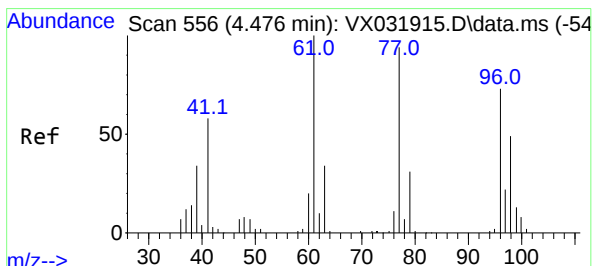
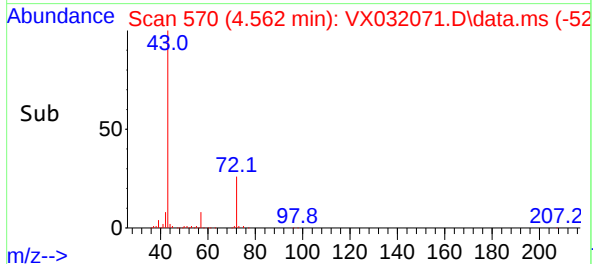
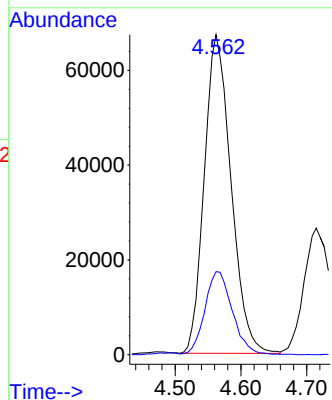
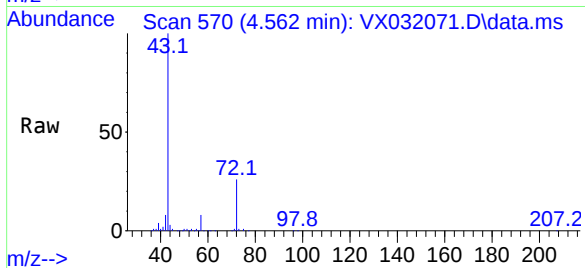
VSTDCCC050EC

Tgt Ion: 43 Resp: 190028

Ion Ratio Lower Upper

43 100

72 26.0 21.1 31.7



#26

2,2-Dichloropropane

Concen: 36.754 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.001 min

Lab File: VX032071.D

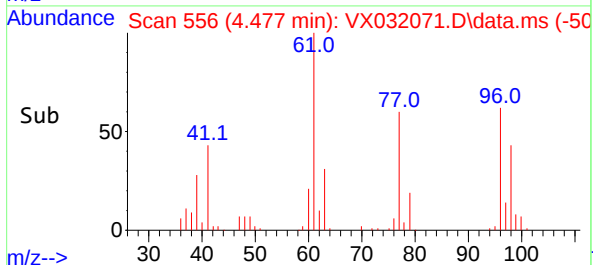
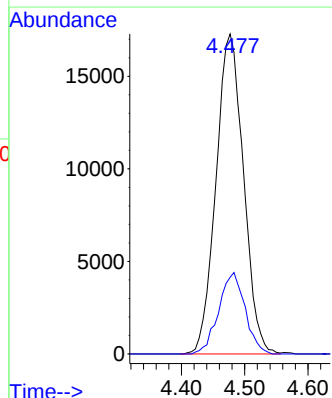
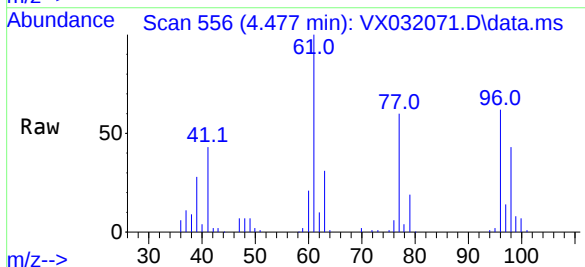
Acq: 12 Oct 2022 08:57

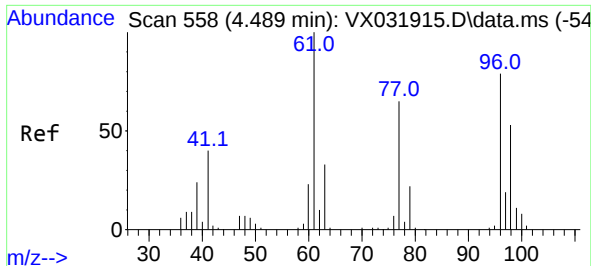
Tgt Ion: 77 Resp: 52201

Ion Ratio Lower Upper

77 100

97 24.4 10.9 32.6



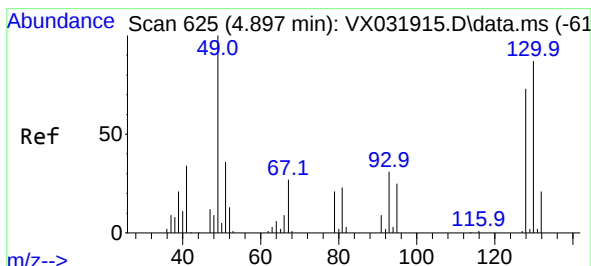
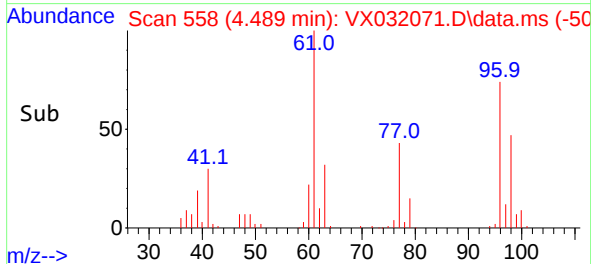
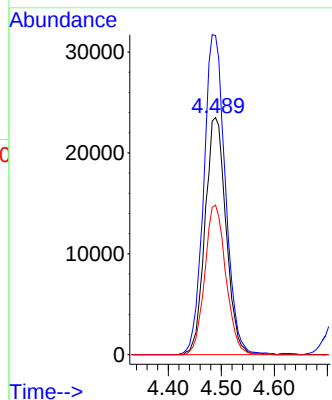
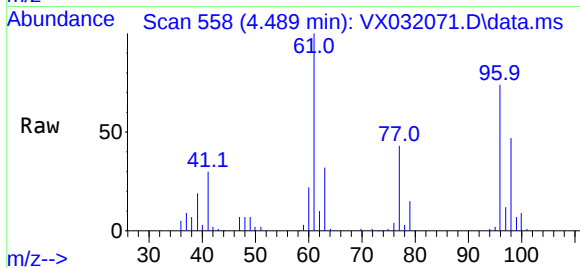


#27  
 cis-1,2-Dichloroethene  
 Concen: 47.277 ug/l  
 RT: 4.489 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VX032071.D  
 Acq: 12 Oct 2022 08:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 96 Resp: 64602  

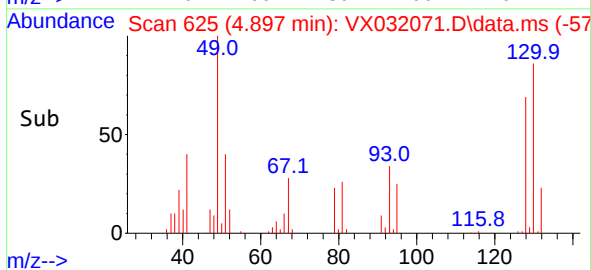
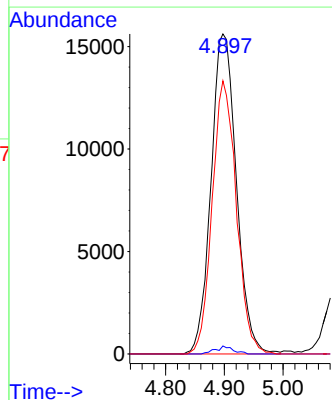
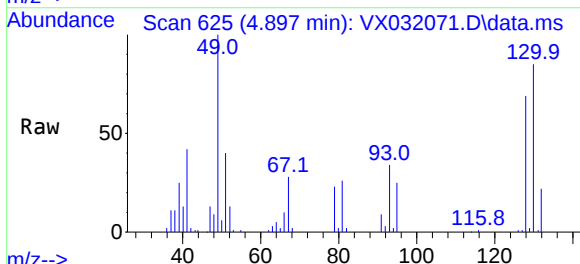
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 138.8 | 0.0   | 305.2 |
| 98  | 63.4  | 0.0   | 128.4 |

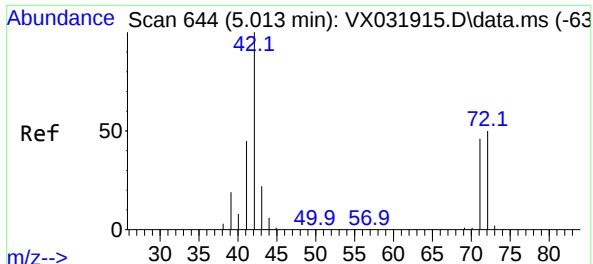


#28  
 Bromochloromethane  
 Concen: 55.391 ug/l  
 RT: 4.897 min Scan# 625  
 Delta R.T. 0.000 min  
 Lab File: VX032071.D  
 Acq: 12 Oct 2022 08:57

Tgt Ion: 49 Resp: 46881  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.7   | 0.0   | 3.6   |
| 130 | 81.2  | 59.0  | 88.4  |

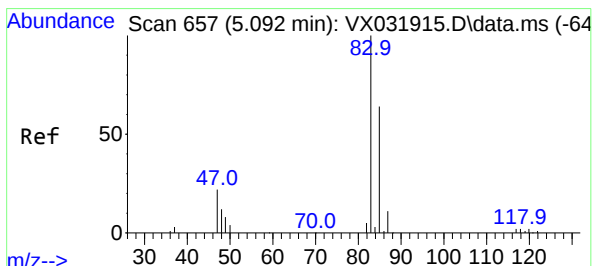
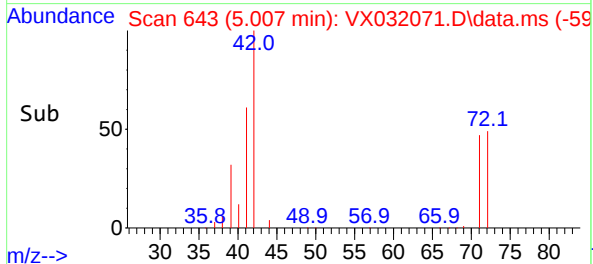
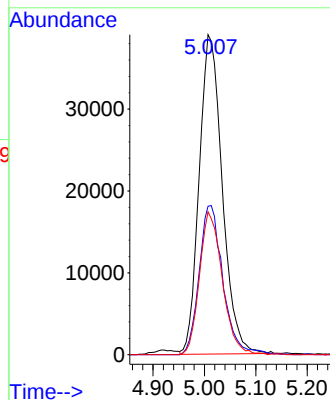
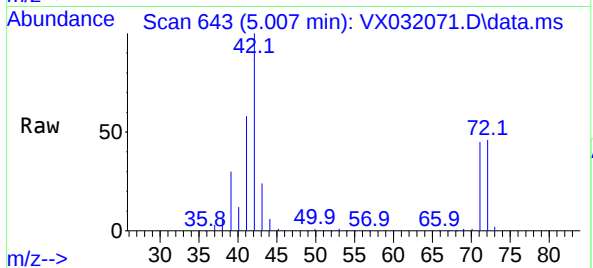




#29  
Tetrahydrofuran  
Concen: 254.020 ug/l  
RT: 5.007 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

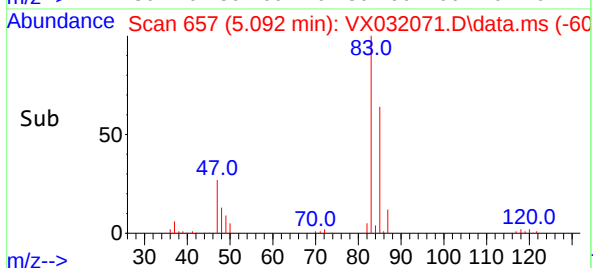
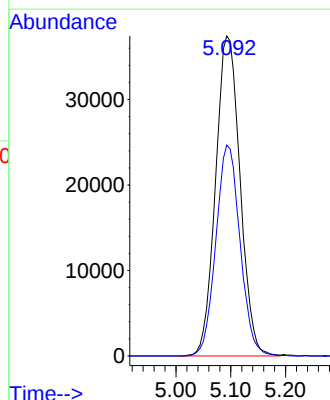
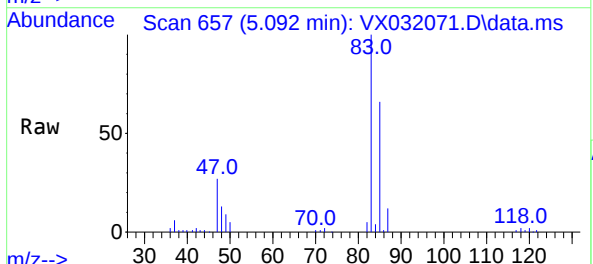
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

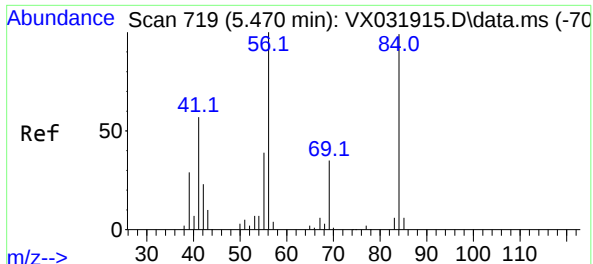
Tgt Ion: 42 Resp: 121750  
Ion Ratio Lower Upper  
42 100  
72 48.1 36.4 54.6  
71 44.1 33.5 50.3



#30  
Chloroform  
Concen: 52.818 ug/l  
RT: 5.092 min Scan# 657  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

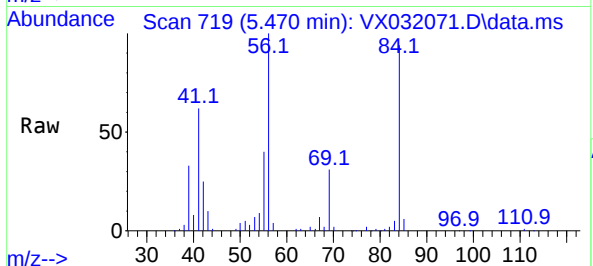
Tgt Ion: 83 Resp: 116332  
Ion Ratio Lower Upper  
83 100  
85 65.9 52.8 79.2





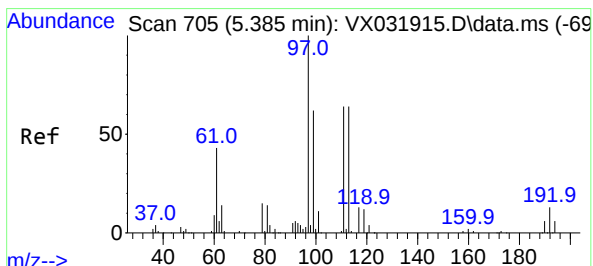
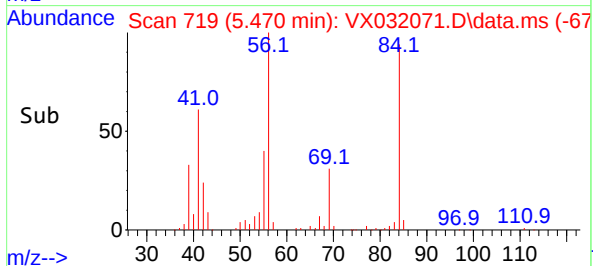
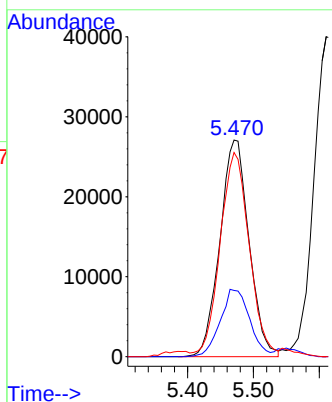
#31  
Cyclohexane  
Concen: 49.955 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 83441

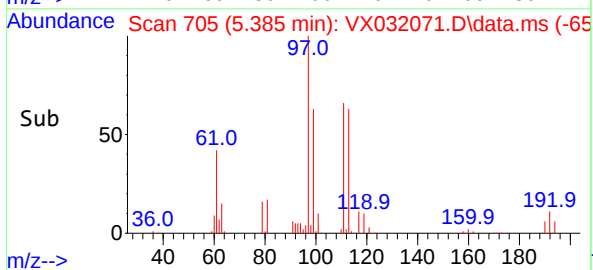
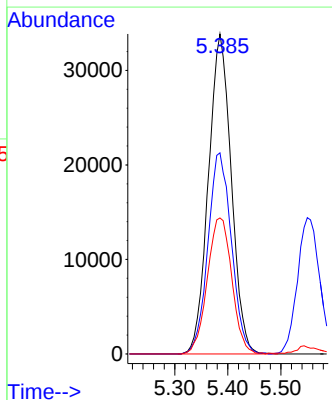
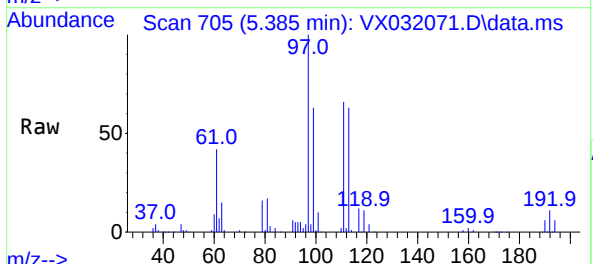
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 30.6  | 25.1  | 37.7  |
| 84  | 91.8  | 70.2  | 105.4 |

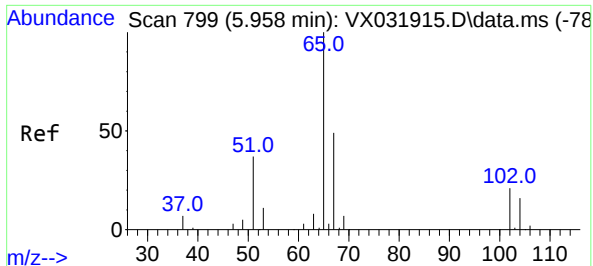


#32  
1,1,1-Trichloroethane  
Concen: 54.109 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 97 Resp: 101274

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.7  | 51.3  | 76.9  |
| 61  | 45.5  | 35.9  | 53.9  |





#33

1,2-Dichloroethane-d4

Concen: 58.840 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

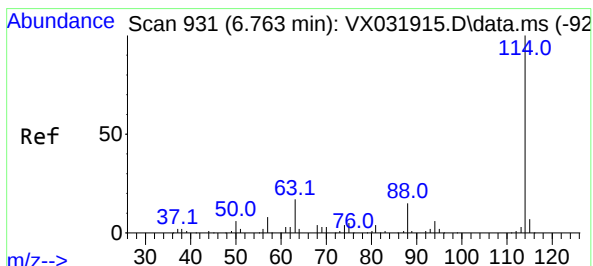
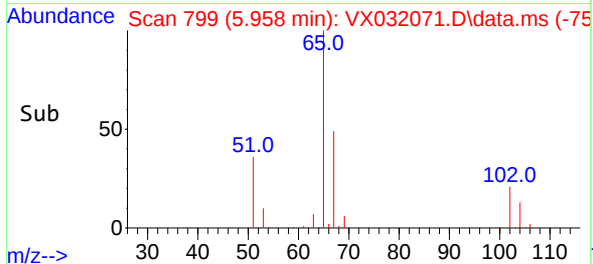
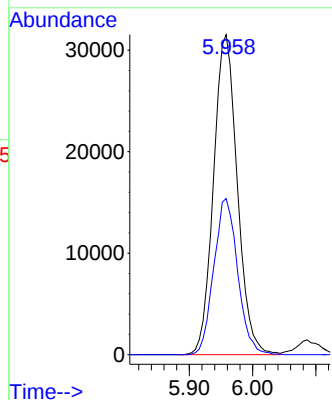
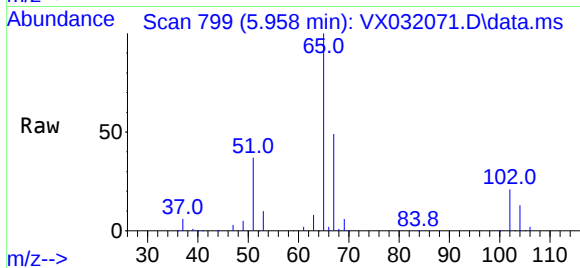
VSTDCCC050EC

Tgt Ion: 65 Resp: 82270

Ion Ratio Lower Upper

65 100

67 49.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

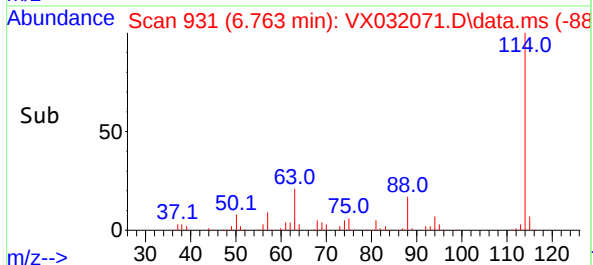
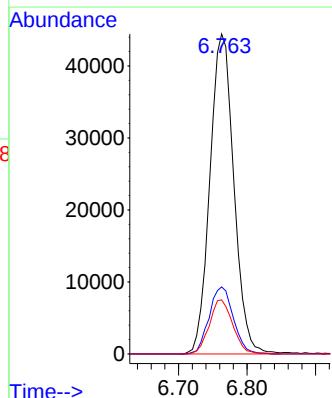
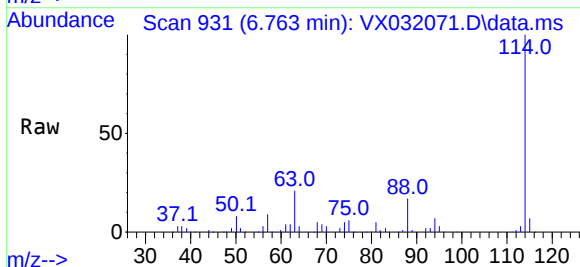
Tgt Ion: 114 Resp: 107673

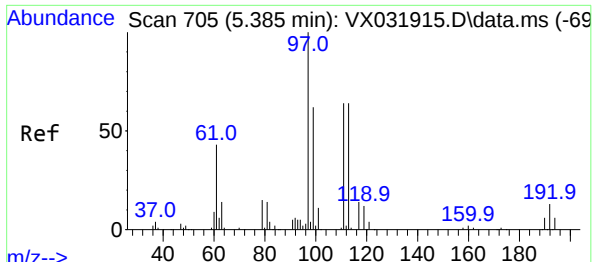
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 16.9 0.0 33.0

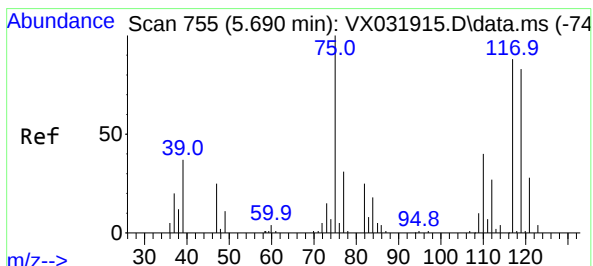
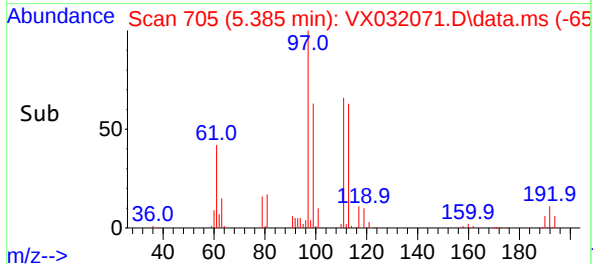
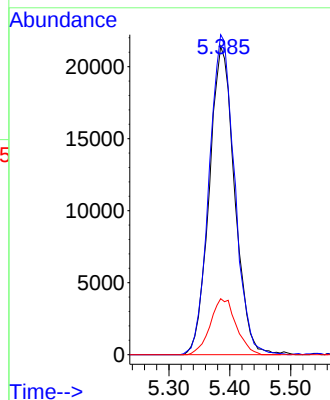
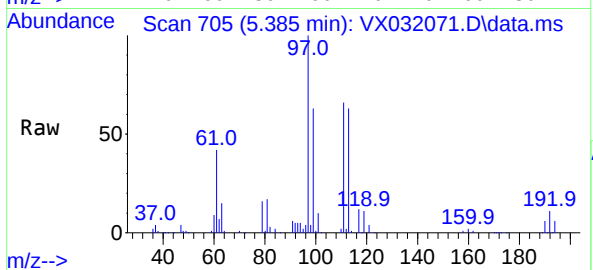




#35  
Dibromofluoromethane  
Concen: 50.785 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

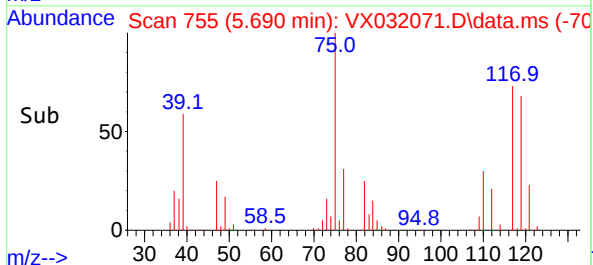
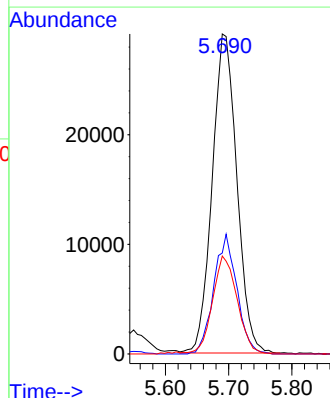
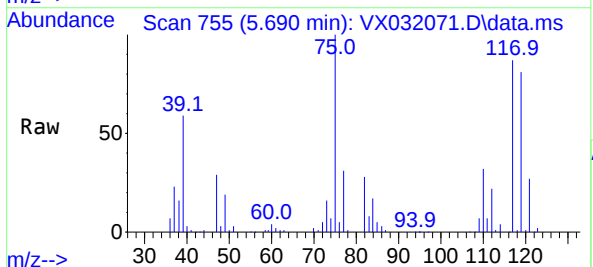
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

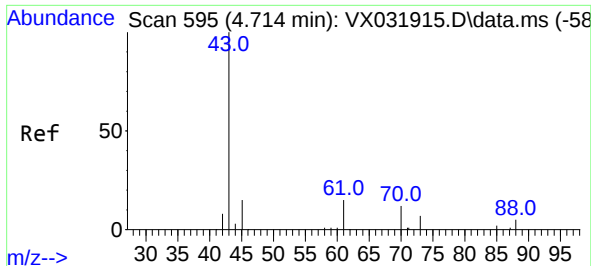
Tgt Ion:113 Resp: 61897  
Ion Ratio Lower Upper  
113 100  
111 103.9 82.4 123.6  
192 18.5 14.1 21.1



#36  
1,1-Dichloropropene  
Concen: 48.681 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 75 Resp: 78678  
Ion Ratio Lower Upper  
75 100  
110 35.2 17.5 52.5  
77 30.7 24.9 37.3





#37

Ethyl Acetate

Concen: 51.795 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

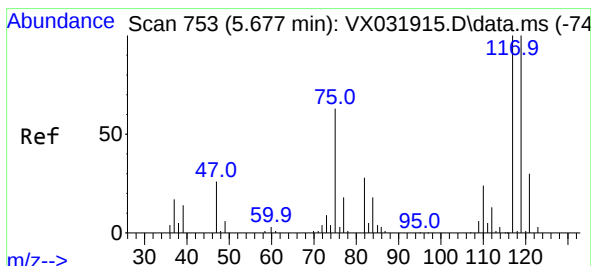
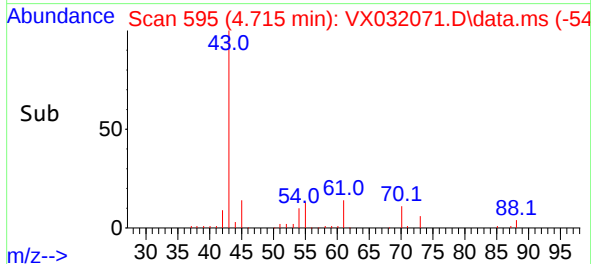
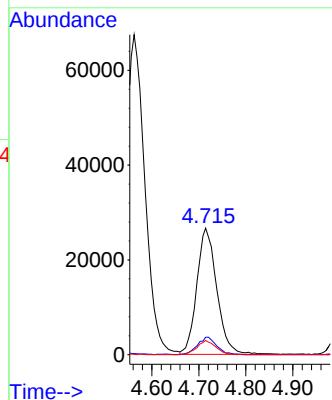
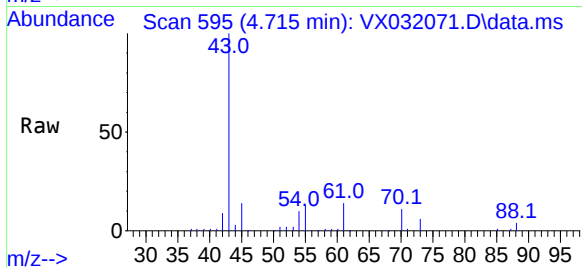
Tgt Ion: 43 Resp: 78810

Ion Ratio Lower Upper

43 100

61 13.3 11.1 16.7

70 10.4 8.6 13.0



#38

Carbon Tetrachloride

Concen: 52.746 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

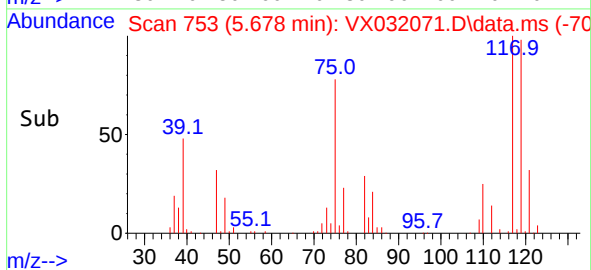
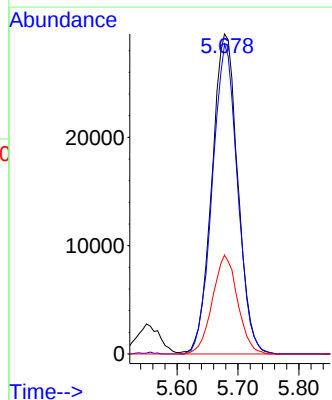
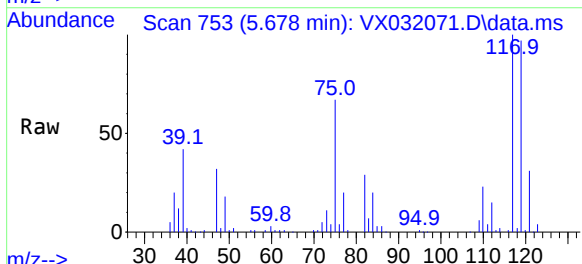
Tgt Ion: 117 Resp: 87164

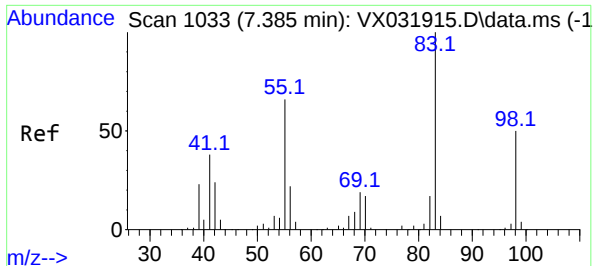
Ion Ratio Lower Upper

117 100

119 96.8 74.6 112.0

121 30.9 25.3 37.9





#39

Methylcyclohexane

Concen: 47.641 ug/l

RT: 7.379 min Scan# 10

Delta R.T. -0.006 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

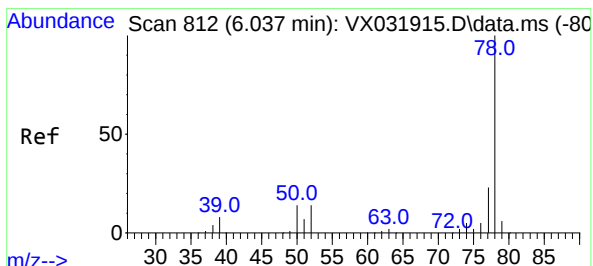
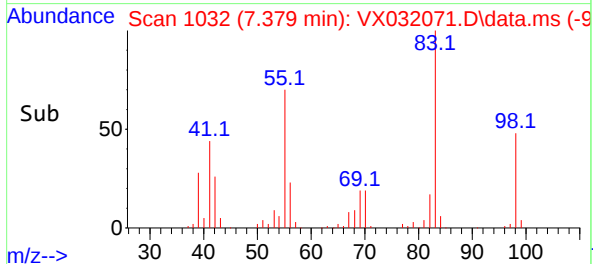
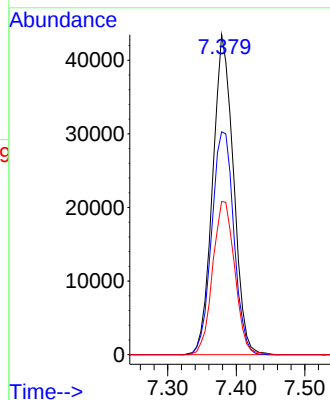
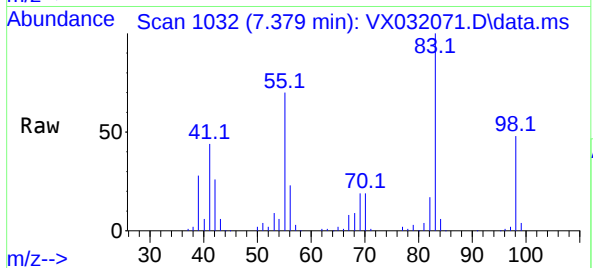
Tgt Ion: 83 Resp: 91841

Ion Ratio Lower Upper

83 100

55 69.7 61.0 91.4

98 47.8 37.7 56.5



#40

Benzene

Concen: 49.171 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX032071.D

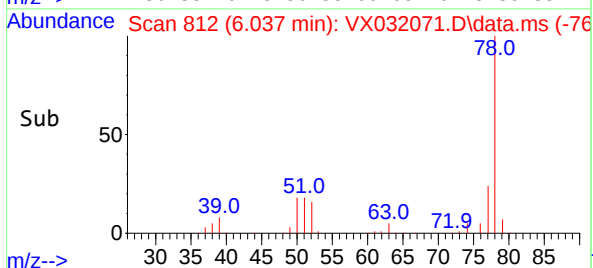
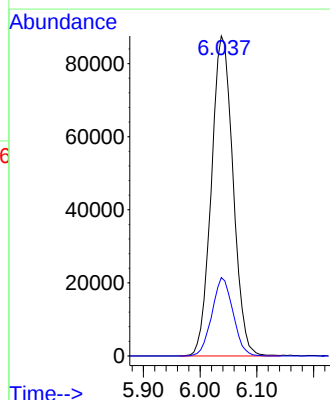
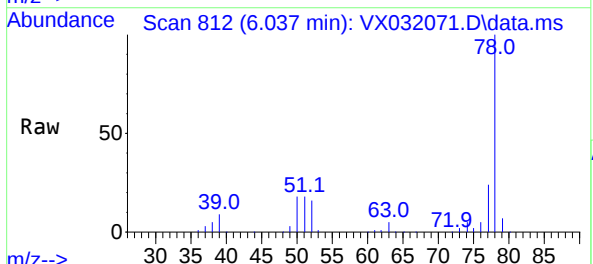
Acq: 12 Oct 2022 08:57

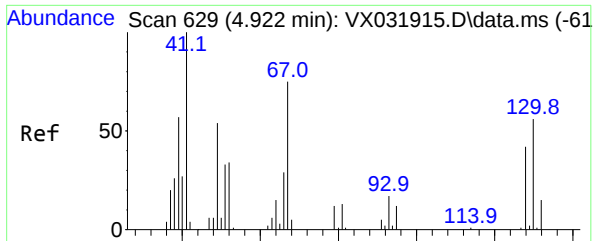
Tgt Ion: 78 Resp: 232707

Ion Ratio Lower Upper

78 100

77 24.5 18.7 28.1

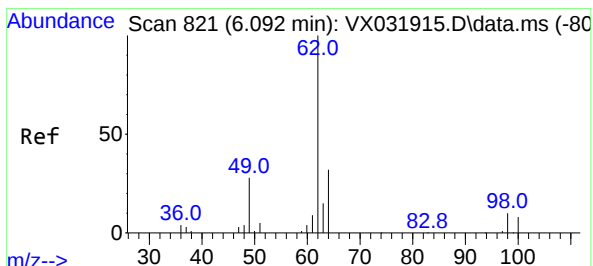
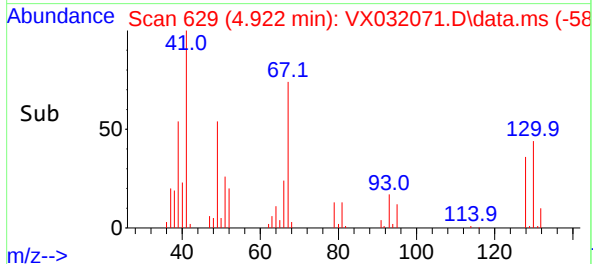
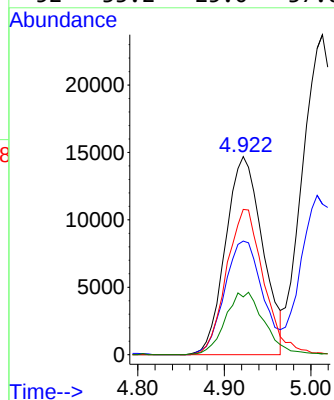
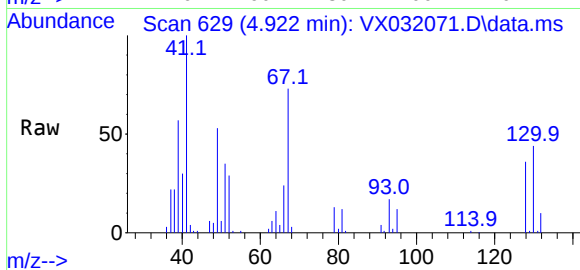




#41  
Methacrylonitrile  
Concen: 55.290 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

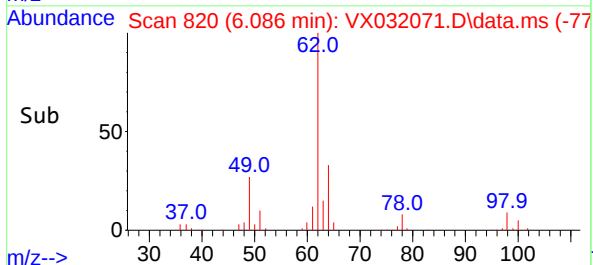
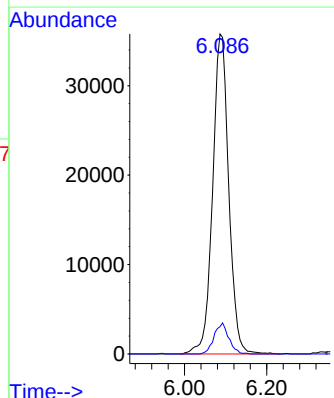
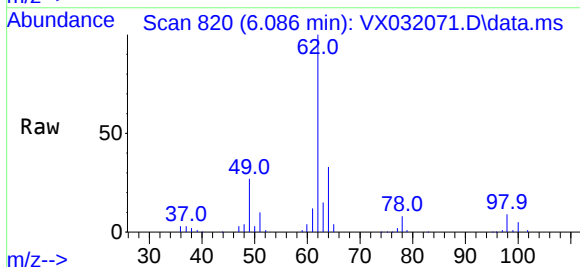
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

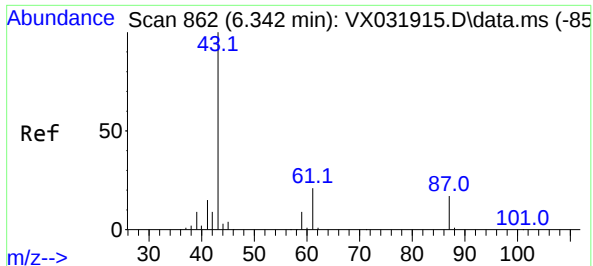
Tgt Ion: 41 Resp: 43747  
Ion Ratio Lower Upper  
41 100  
39 59.0 45.0 67.6  
67 74.0 58.2 87.4  
52 33.2 25.0 37.6



#42  
1,2-Dichloroethane  
Concen: 56.404 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 62 Resp: 97271  
Ion Ratio Lower Upper  
62 100  
98 8.8 0.0 17.8

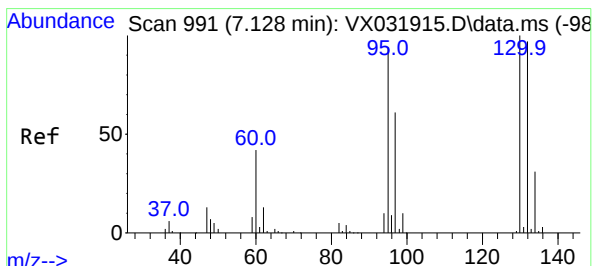
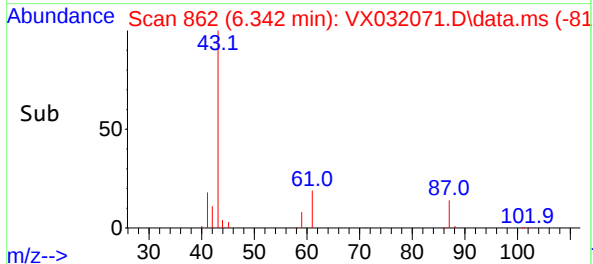
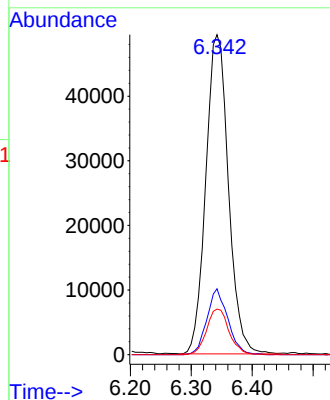
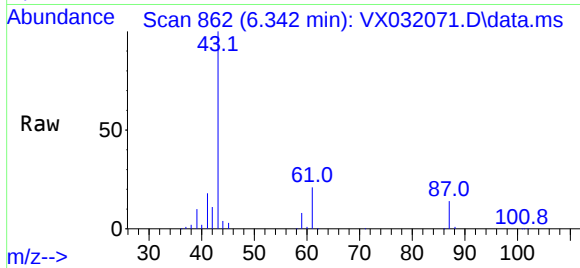




#43  
Isopropyl Acetate  
Concen: 55.159 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

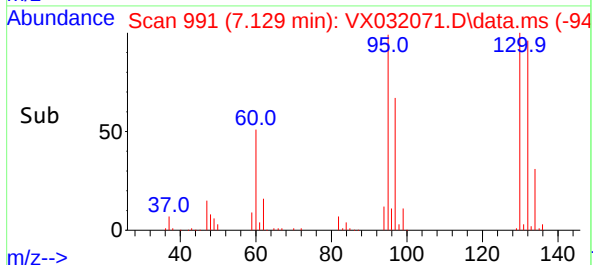
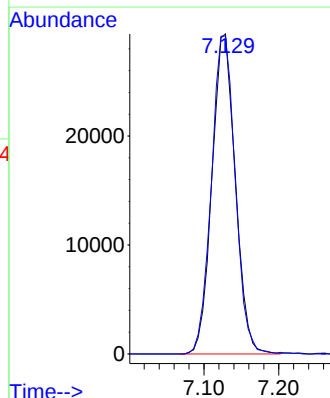
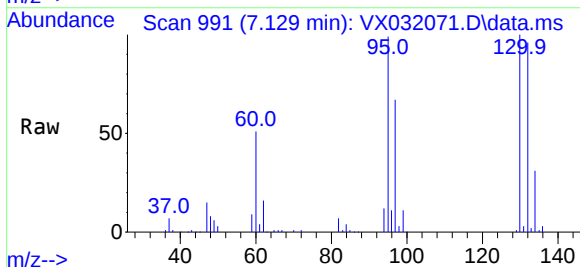
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

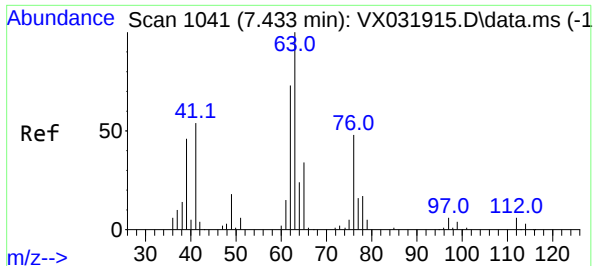
Tgt Ion: 43 Resp: 127339  
Ion Ratio Lower Upper  
43 100  
61 19.1 15.3 22.9  
87 14.2 10.6 15.8



#44  
Trichloroethene  
Concen: 45.966 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.001 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion:130 Resp: 63786  
Ion Ratio Lower Upper  
130 100  
95 99.4 0.0 206.8





#45

1,2-Dichloropropane

Concen: 52.223 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

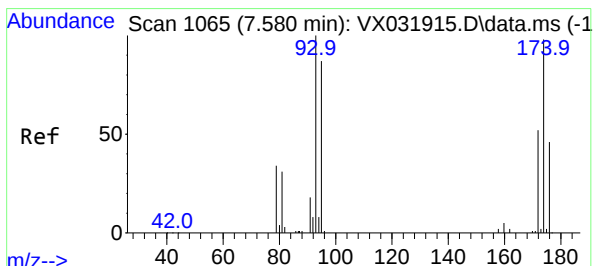
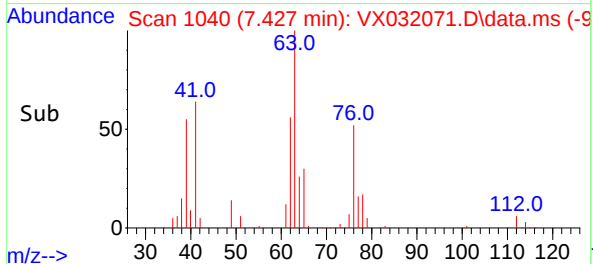
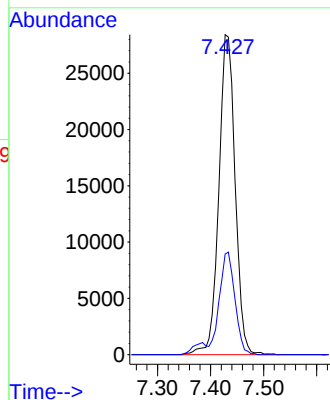
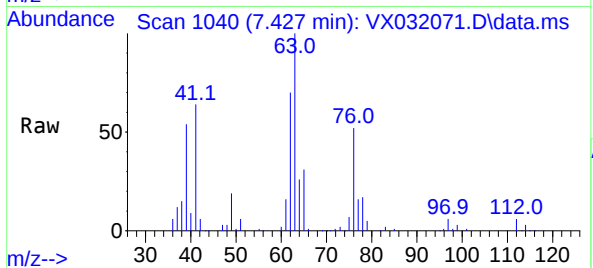
VSTDCCC050EC

Tgt Ion: 63 Resp: 60738

Ion Ratio Lower Upper

63 100

65 31.5 26.6 39.8



#46

Dibromomethane

Concen: 50.062 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

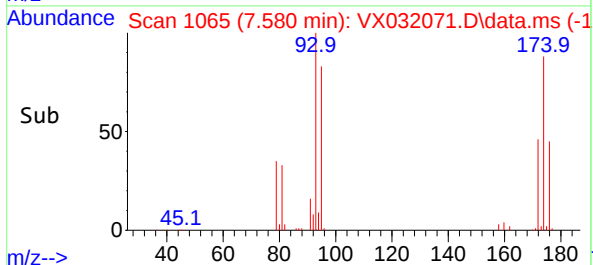
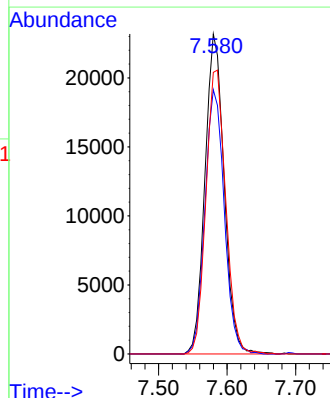
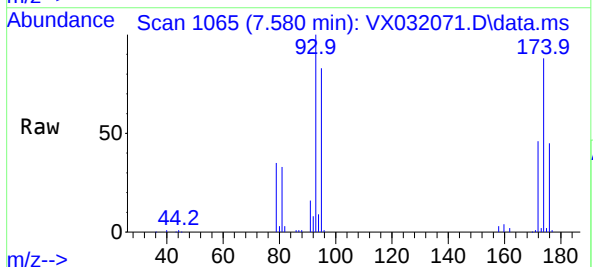
Tgt Ion: 93 Resp: 45123

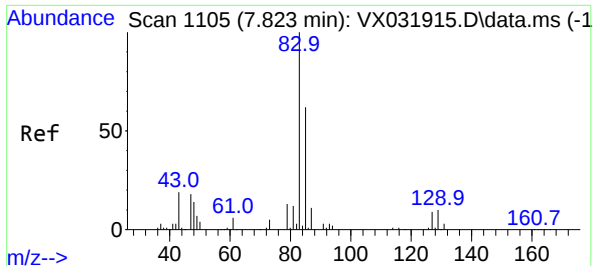
Ion Ratio Lower Upper

93 100

95 83.5 65.5 98.3

174 91.3 67.6 101.4

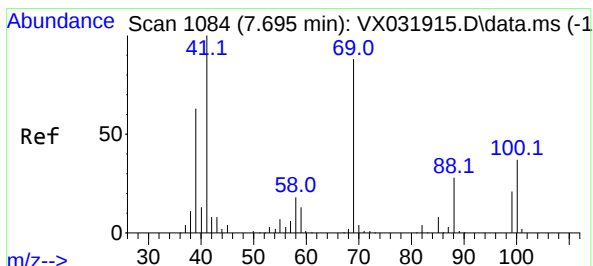
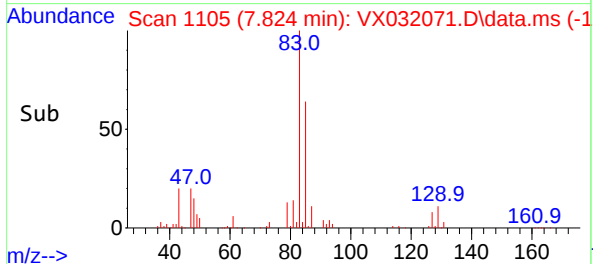
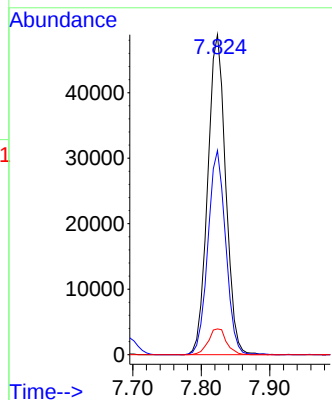
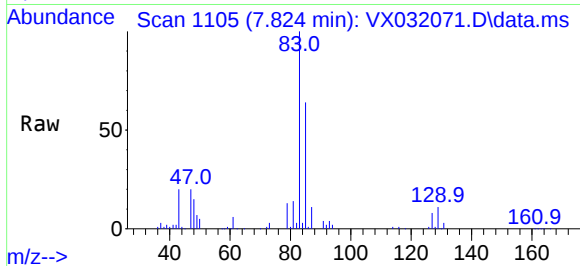




#47  
Bromodichloromethane  
Concen: 57.134 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.001 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

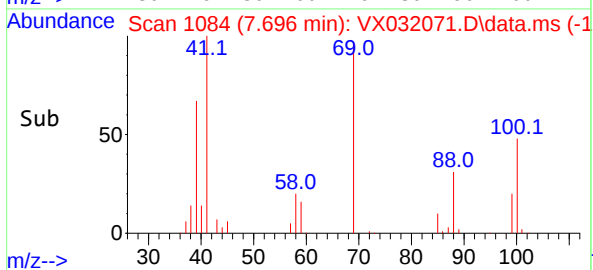
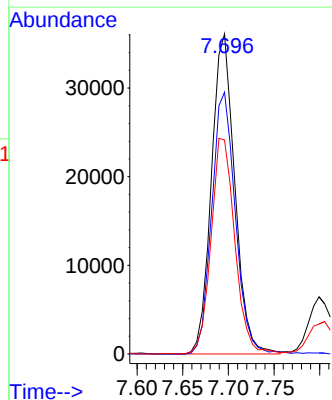
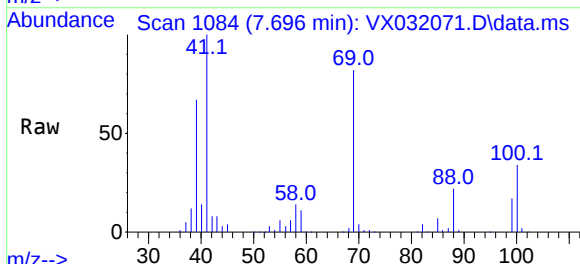
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

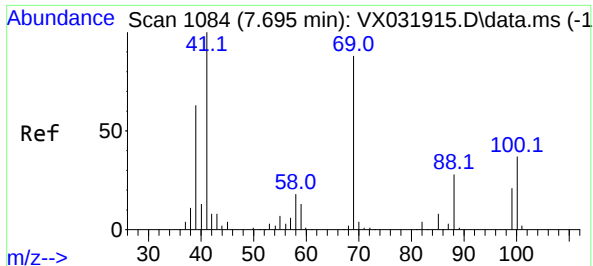
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 88962 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.8  | 51.0  | 76.6  |
| 127      | 8.0   | 7.0   | 10.6  |



#48  
Methyl methacrylate  
Concen: 58.069 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.001 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 64059 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 83.1  | 64.6  | 96.8  |
| 39       | 68.5  | 51.4  | 77.0  |

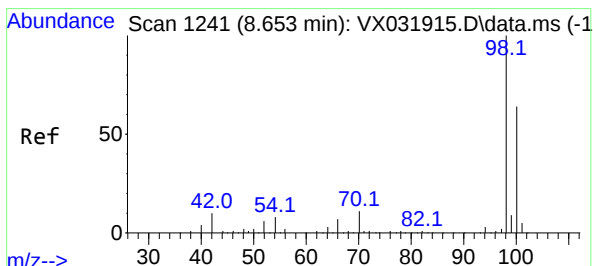
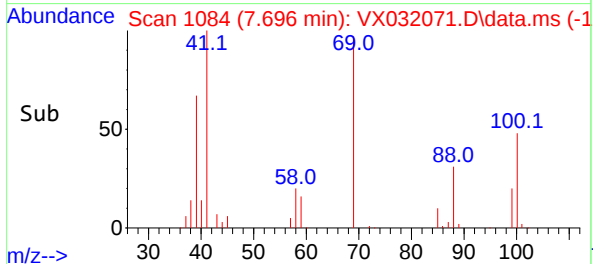
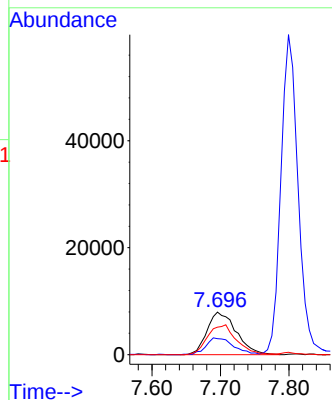
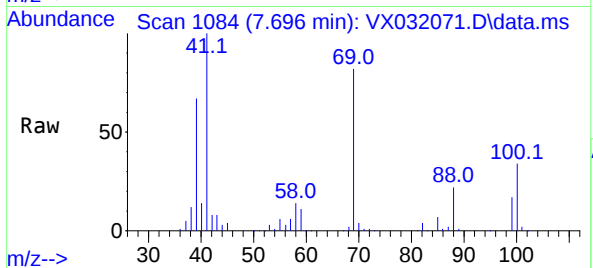




#49  
1,4-Dioxane  
Concen: 939.652 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.001 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

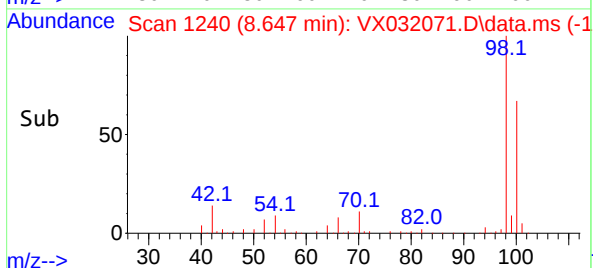
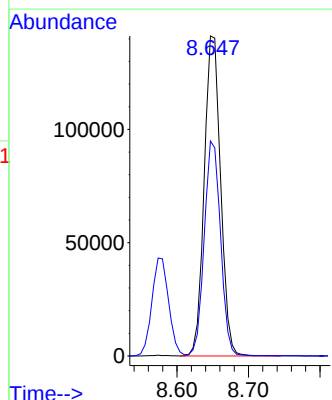
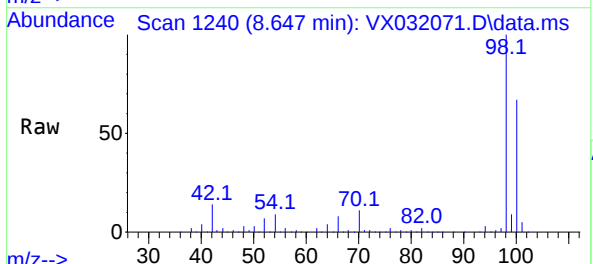
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

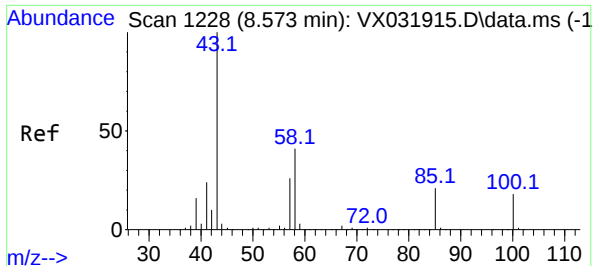
Tgt Ion: 88 Resp: 23553  
Ion Ratio Lower Upper  
88 100  
43 37.2 27.1 40.7  
58 69.3 53.9 80.9



#50  
Toluene-d8  
Concen: 51.341 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 98 Resp: 225162  
Ion Ratio Lower Upper  
98 100  
100 66.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 270.706 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

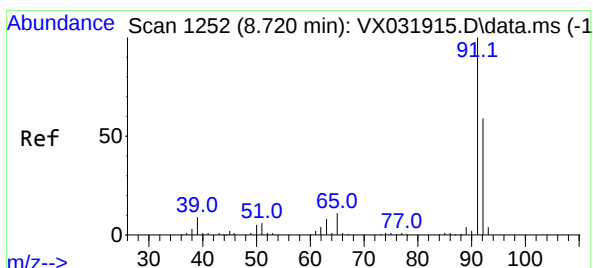
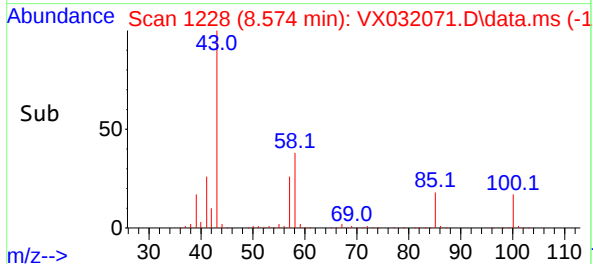
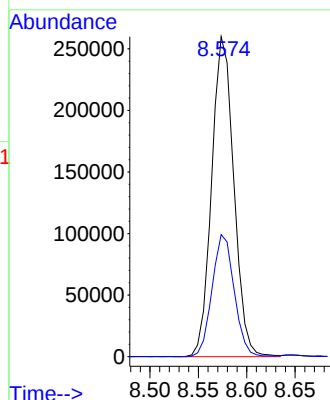
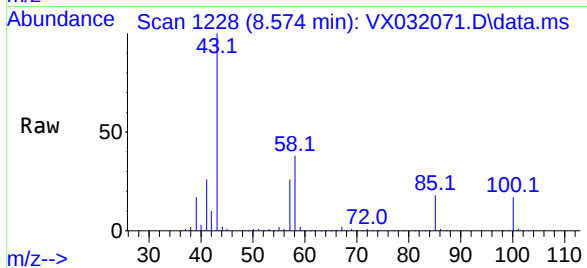
VSTDCCC050EC

Tgt Ion: 43 Resp: 414142

Ion Ratio Lower Upper

43 100

58 38.2 30.6 46.0



#52

Toluene

Concen: 49.609 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032071.D

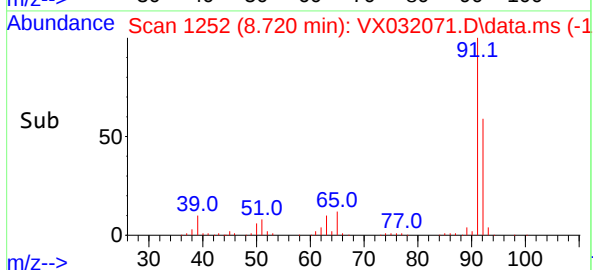
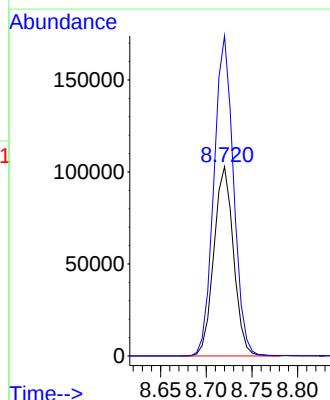
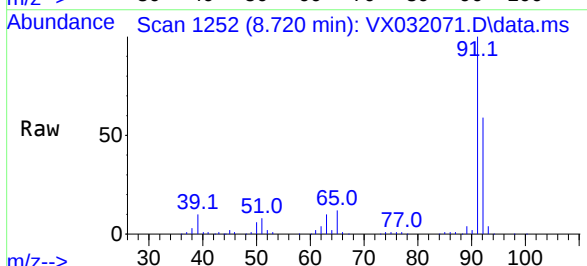
Acq: 12 Oct 2022 08:57

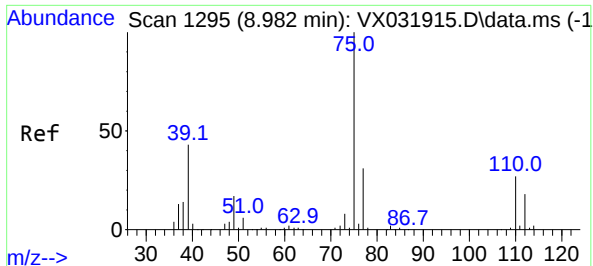
Tgt Ion: 92 Resp: 153505

Ion Ratio Lower Upper

92 100

91 169.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 49.898 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

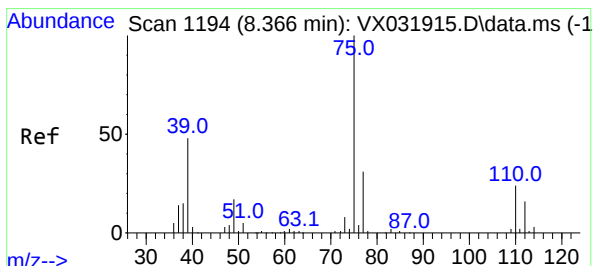
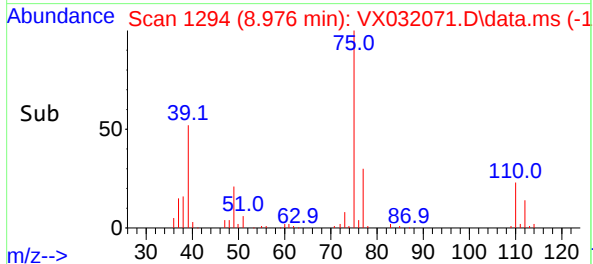
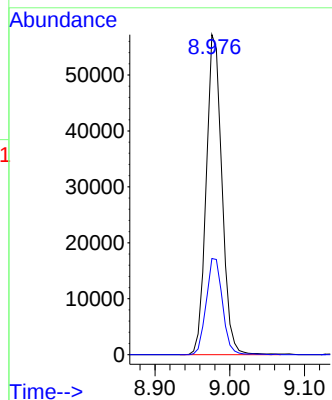
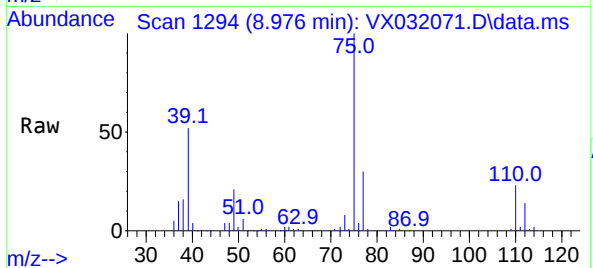
VSTDCCC050EC

Tgt Ion: 75 Resp: 83634

Ion Ratio Lower Upper

75 100

77 30.0 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 53.582 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

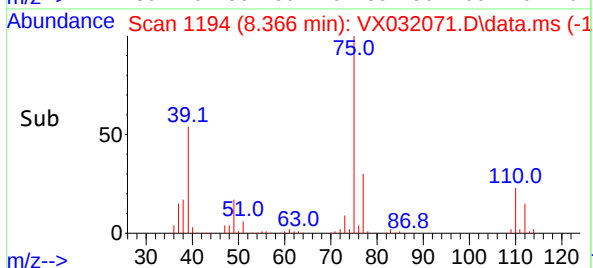
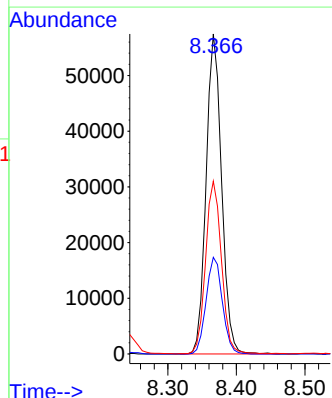
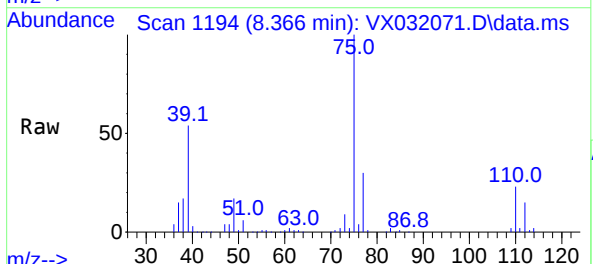
Tgt Ion: 75 Resp: 90353

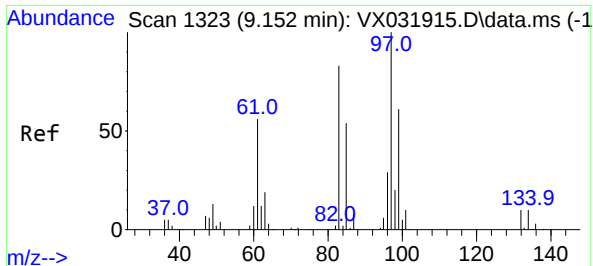
Ion Ratio Lower Upper

75 100

77 30.2 24.4 36.6

39 53.9 43.7 65.5



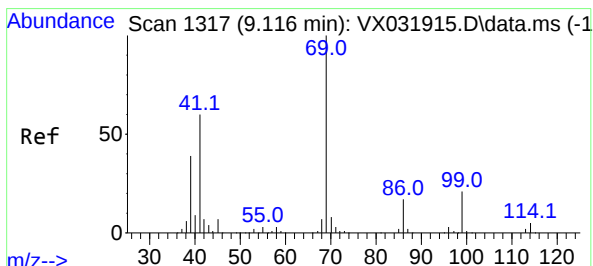
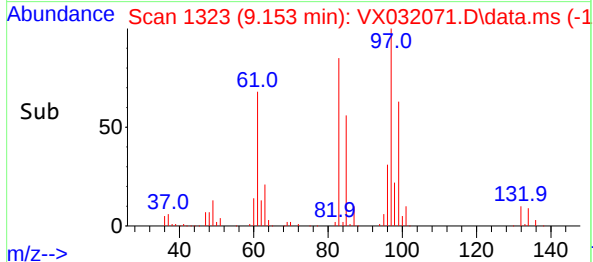
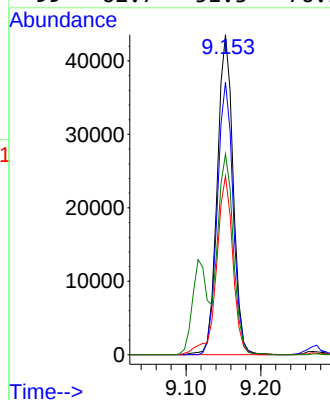
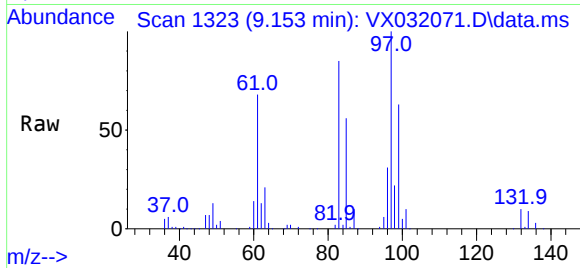


#55  
1,1,2-Trichloroethane  
Concen: 49.115 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 64144

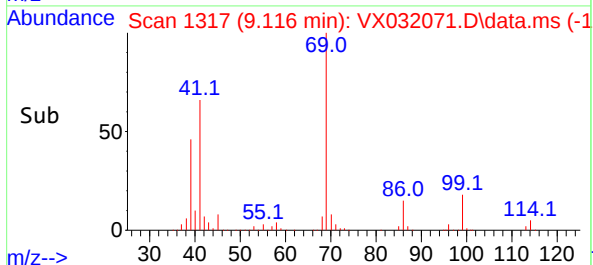
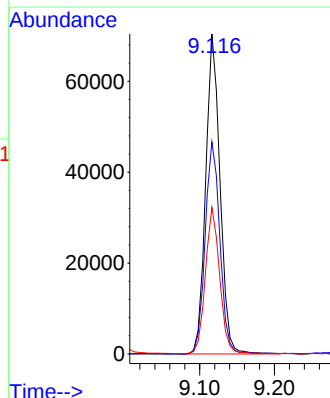
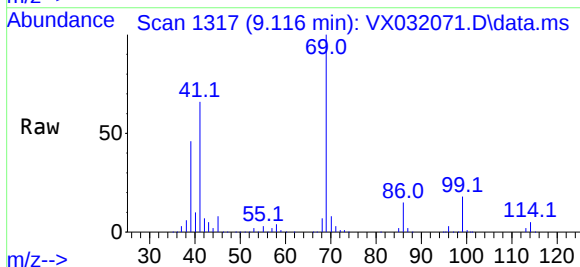
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.2  | 69.0  | 103.6 |
| 85  | 55.8  | 44.1  | 66.1  |
| 99  | 62.7  | 51.3  | 76.9  |

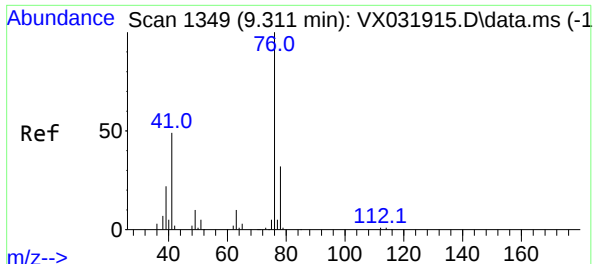


#56  
Ethyl methacrylate  
Concen: 56.013 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 69 Resp: 93769

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 68.5  | 54.2  | 81.4  |
| 39  | 45.5  | 34.2  | 51.2  |

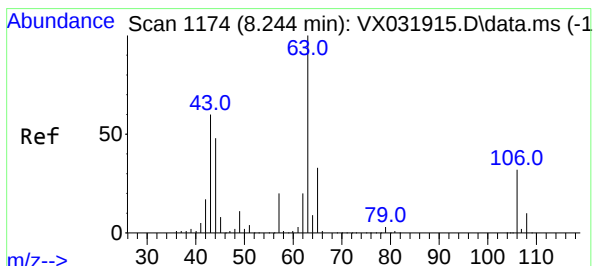
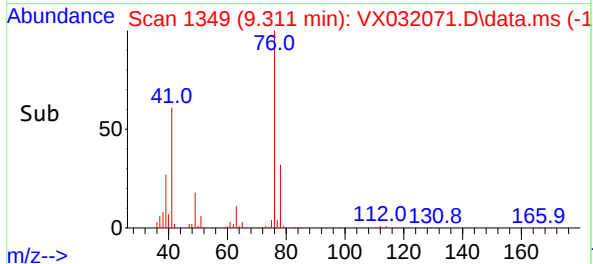
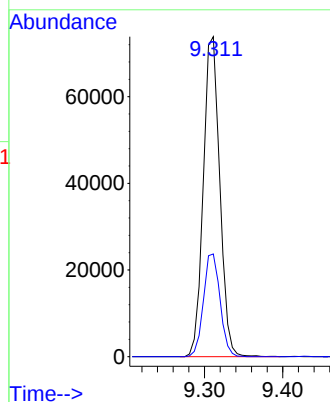
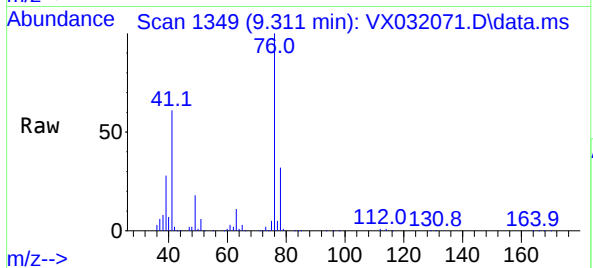




#57  
1,3-Dichloropropane  
Concen: 51.334 ug/l  
RT: 9.311 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

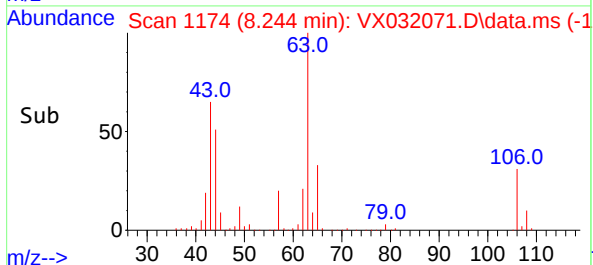
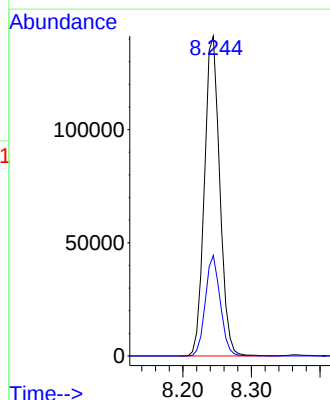
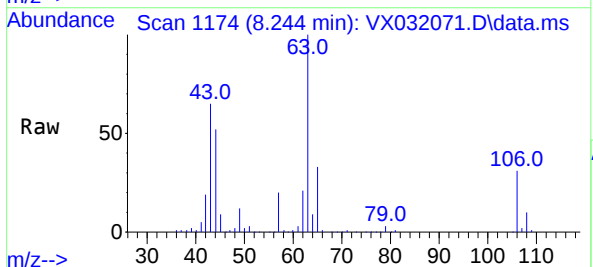
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

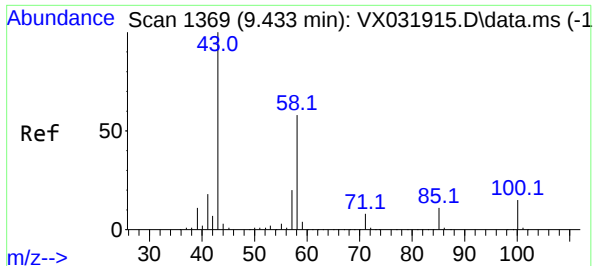
Tgt Ion: 76 Resp: 107733  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.5 38.3



#58  
2-Chloroethyl Vinyl ether  
Concen: 255.608 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 63 Resp: 220884  
Ion Ratio Lower Upper  
63 100  
106 30.5 22.6 34.0





#59

2-Hexanone

Concen: 271.785 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

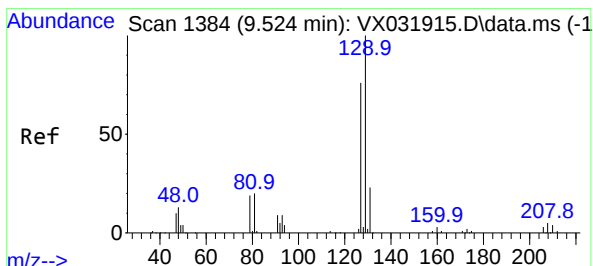
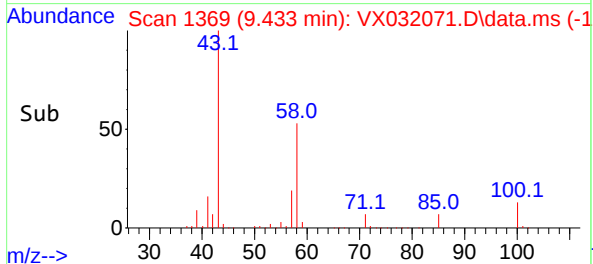
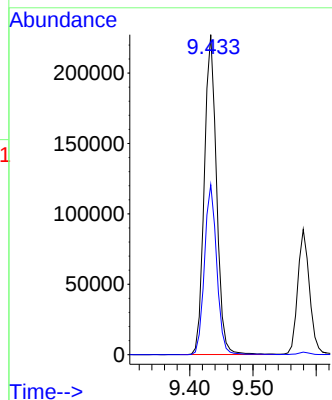
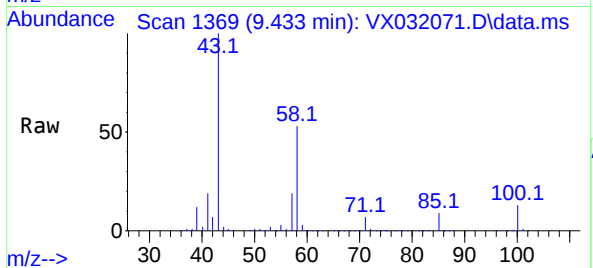
VSTDCCC050EC

Tgt Ion: 43 Resp: 306580

Ion Ratio Lower Upper

43 100

58 53.2 26.7 80.0



#60

Dibromochloromethane

Concen: 55.549 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX032071.D

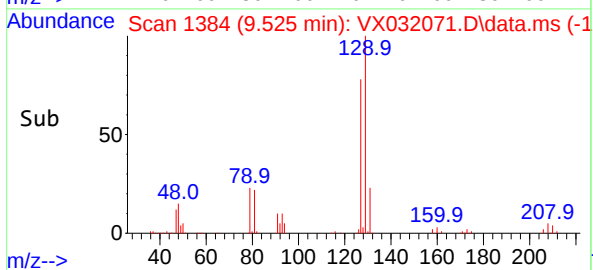
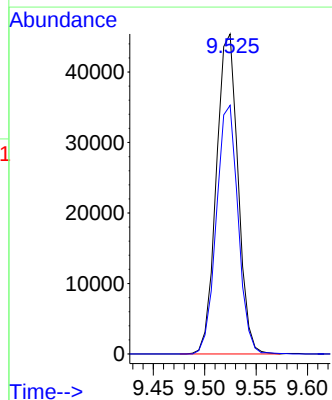
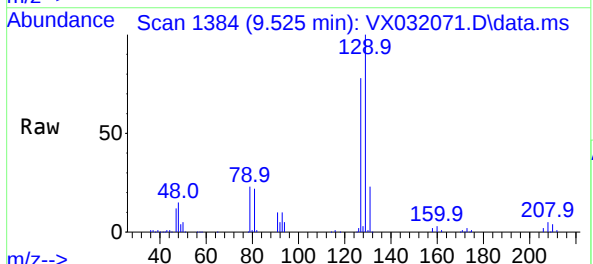
Acq: 12 Oct 2022 08:57

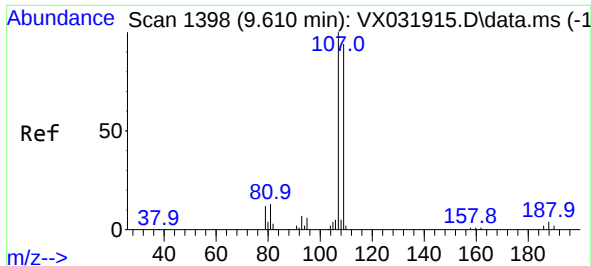
Tgt Ion: 129 Resp: 66393

Ion Ratio Lower Upper

129 100

127 77.8 38.7 116.1

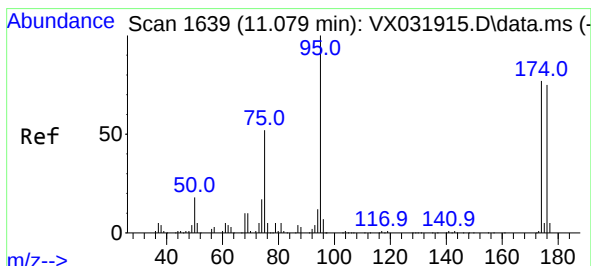
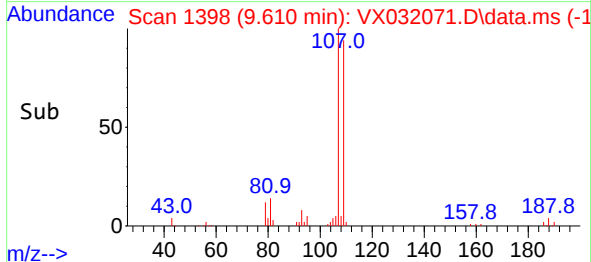
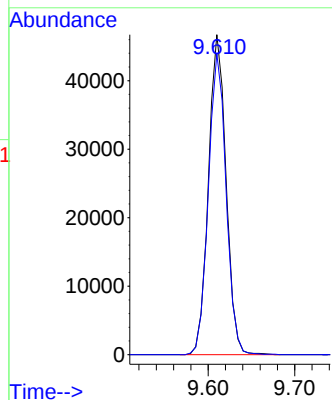
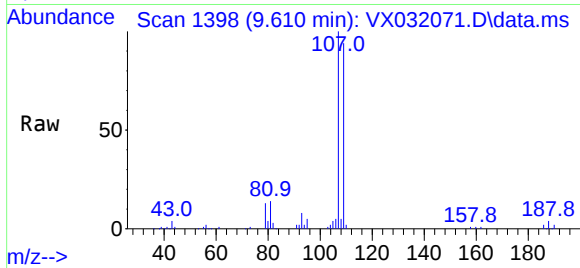




#61  
1,2-Dibromoethane  
Concen: 50.239 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

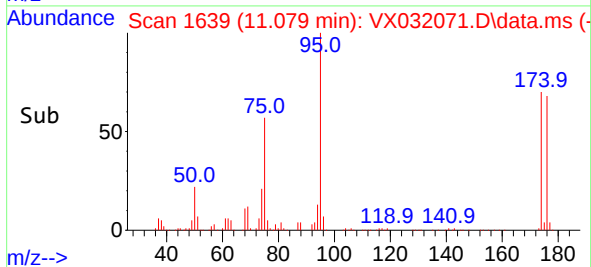
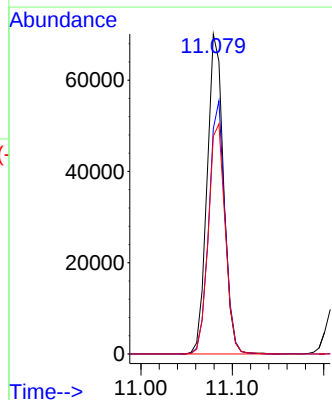
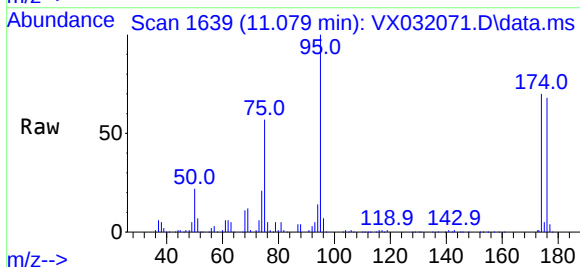
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

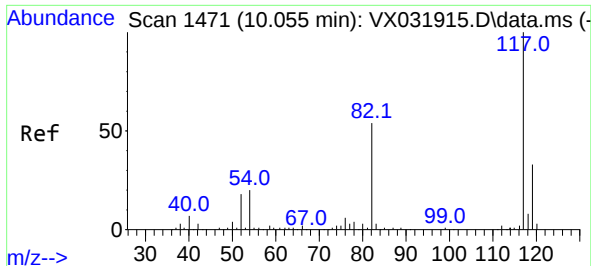
Tgt Ion:107 Resp: 65982  
Ion Ratio Lower Upper  
107 100  
109 94.7 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 56.300 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 95 Resp: 87291  
Ion Ratio Lower Upper  
95 100  
174 77.4 0.0 153.2  
176 73.5 0.0 144.0

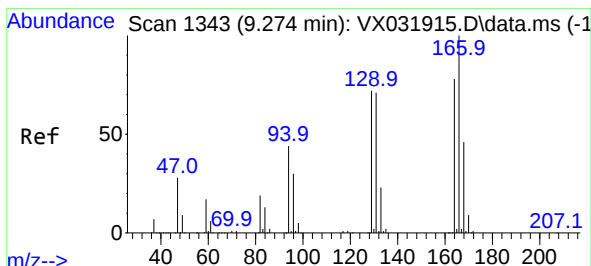
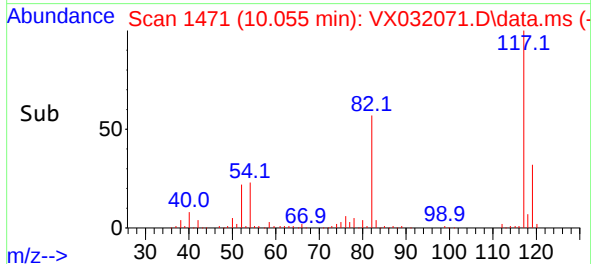
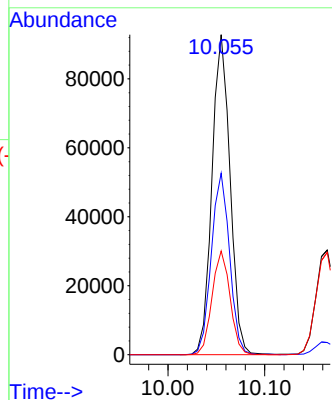
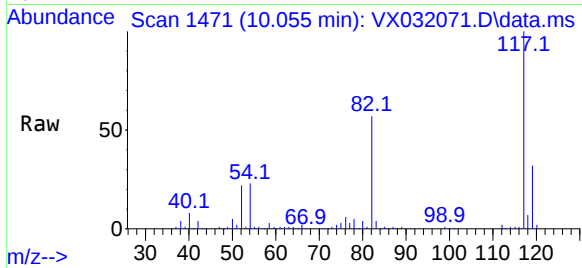




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

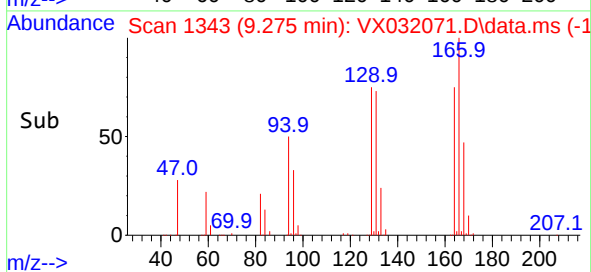
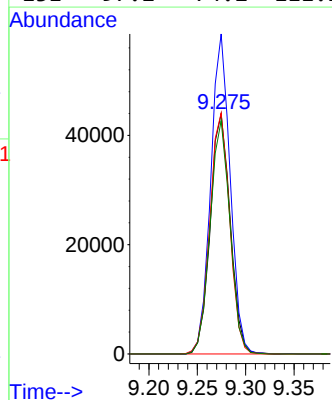
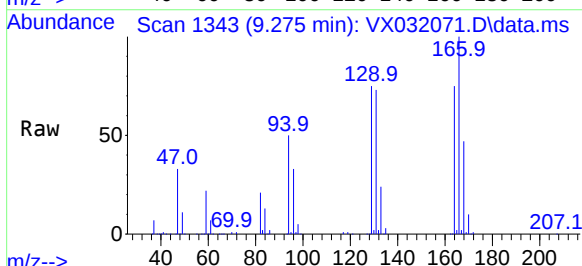
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

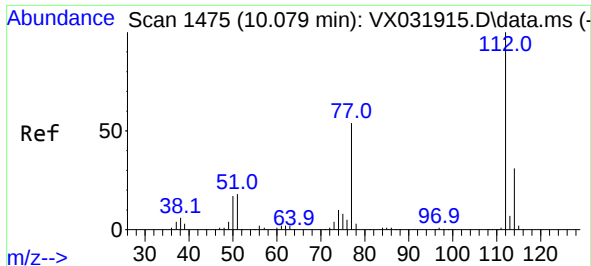
Tgt Ion:117 Resp: 120207  
Ion Ratio Lower Upper  
117 100  
82 56.7 46.8 70.2  
119 32.4 26.4 39.6



#64  
Tetrachloroethene  
Concen: 46.555 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.001 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion:164 Resp: 63180  
Ion Ratio Lower Upper  
164 100  
166 133.3 99.0 148.4  
129 100.4 78.0 117.0  
131 97.2 74.2 111.2

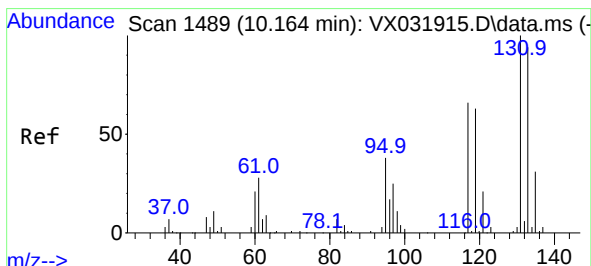
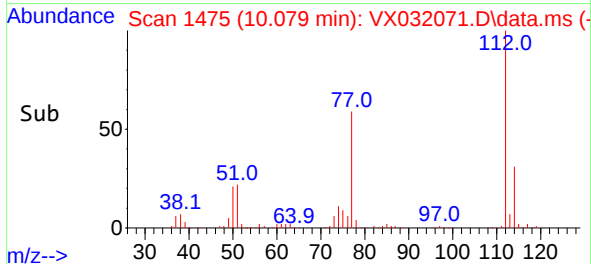
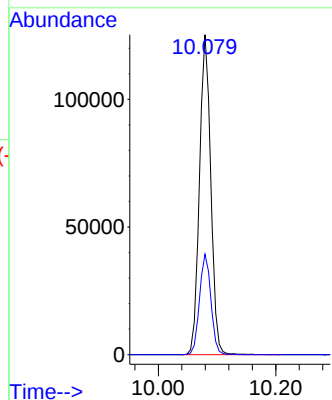
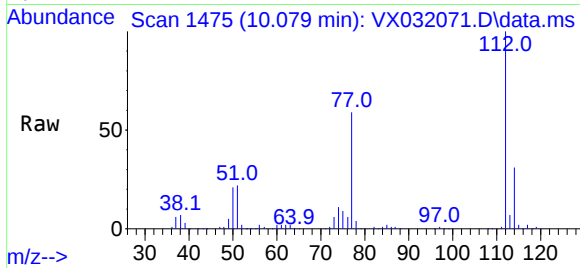




#65  
Chlorobenzene  
Concen: 45.962 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

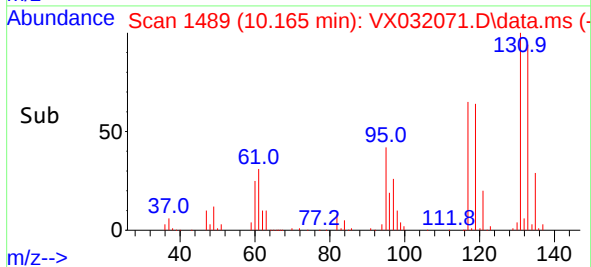
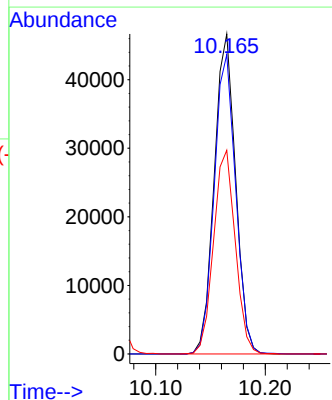
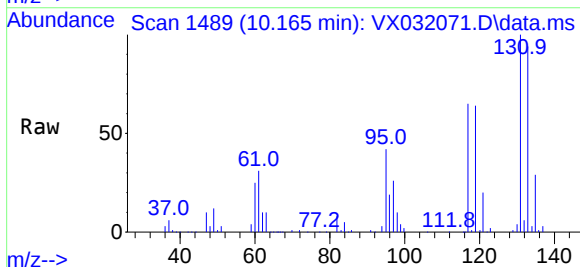
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

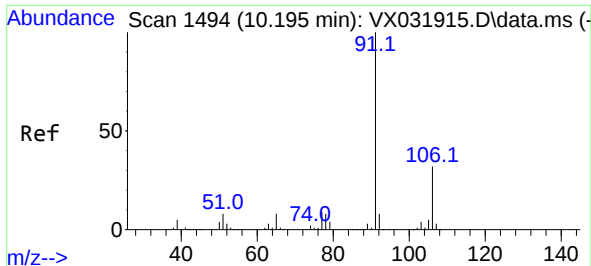
Tgt Ion:112 Resp: 167407  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.095 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.001 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion:131 Resp: 63134  
Ion Ratio Lower Upper  
131 100  
133 94.5 46.6 139.7  
119 64.8 31.9 95.9





#67

Ethyl Benzene

Concen: 49.043 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

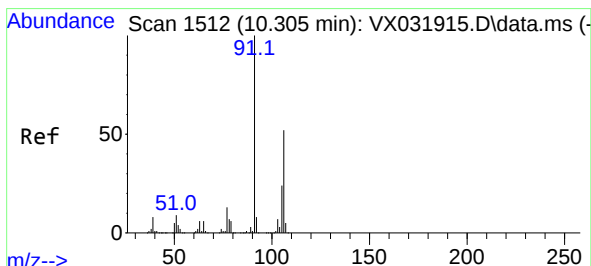
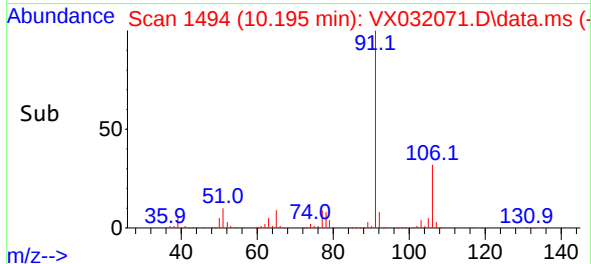
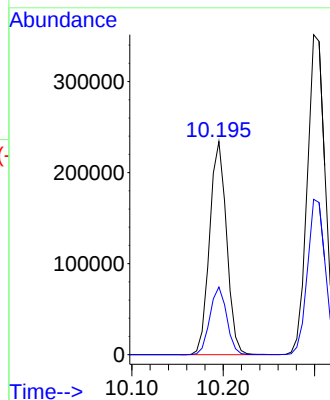
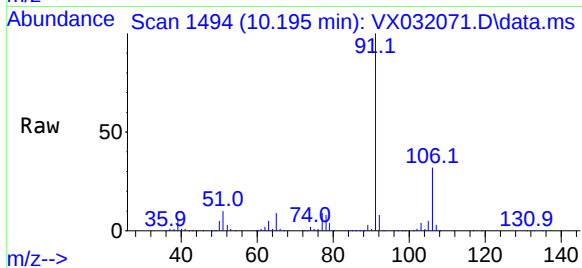
VSTDCCC050EC

Tgt Ion: 91 Resp: 302187

Ion Ratio Lower Upper

91 100

106 31.7 25.2 37.8



#68

m/p-Xylenes

Concen: 95.111 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX032071.D

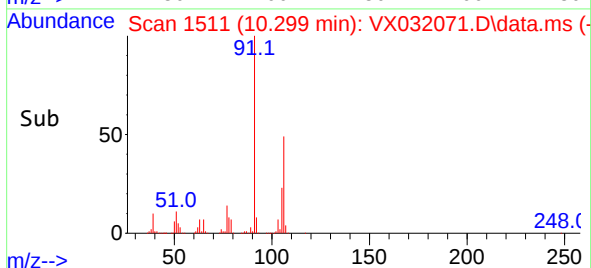
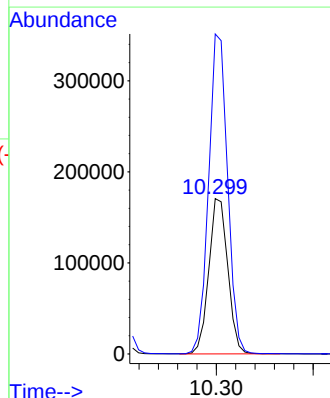
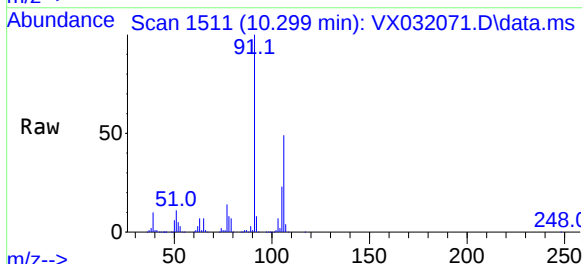
Acq: 12 Oct 2022 08:57

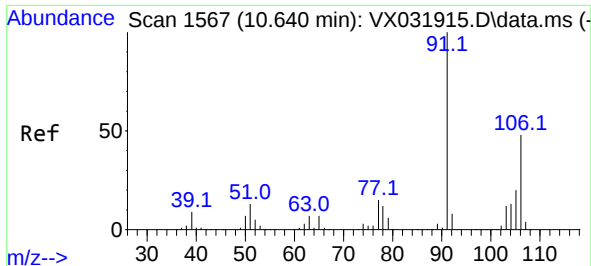
Tgt Ion: 106 Resp: 232889

Ion Ratio Lower Upper

106 100

91 205.6 161.0 241.4

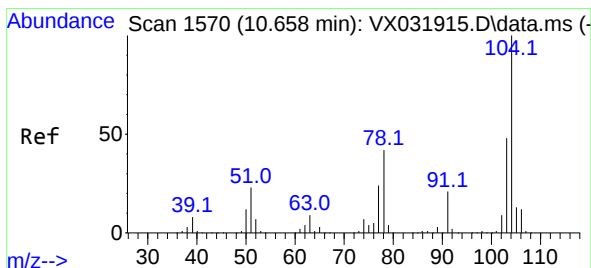
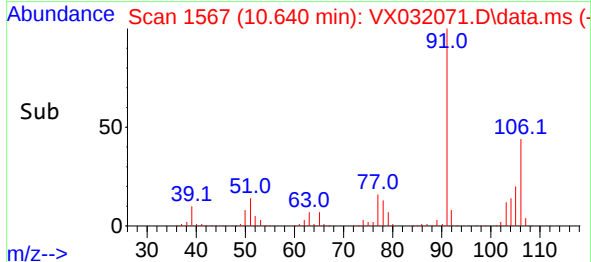
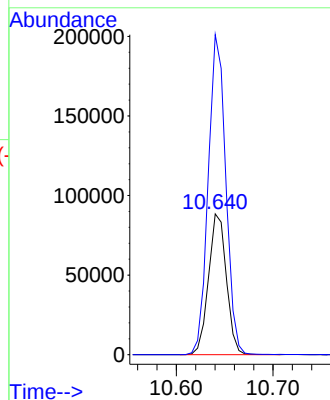
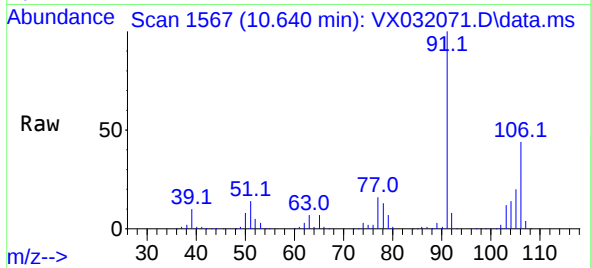




#69  
o-Xylene  
Concen: 47.647 ug/l  
RT: 10.640 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

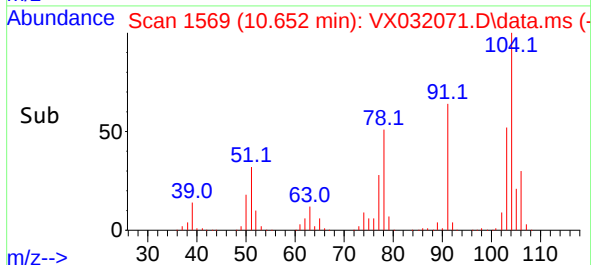
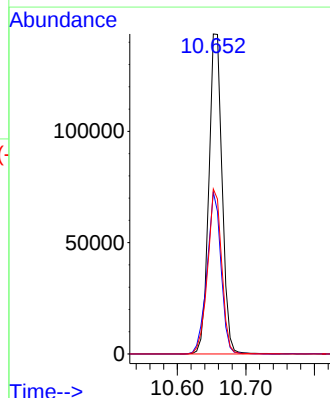
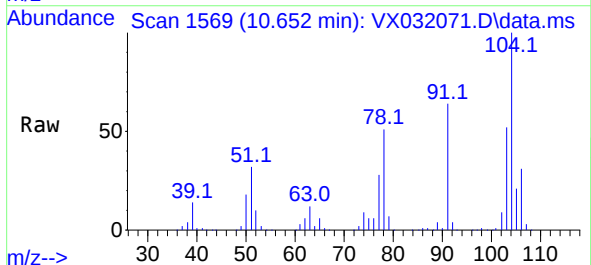
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

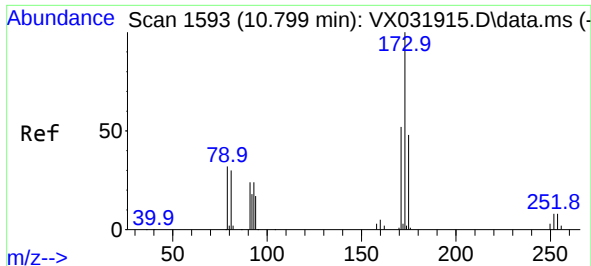
Tgt Ion:106 Resp: 113399  
Ion Ratio Lower Upper  
106 100  
91 223.5 107.2 321.6



#70  
Styrene  
Concen: 51.064 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion:104 Resp: 194282  
Ion Ratio Lower Upper  
104 100  
78 53.3 41.4 62.2  
103 54.4 43.8 65.8

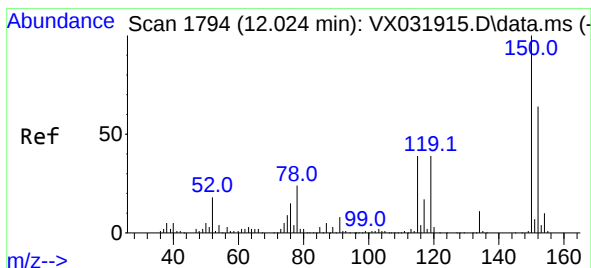
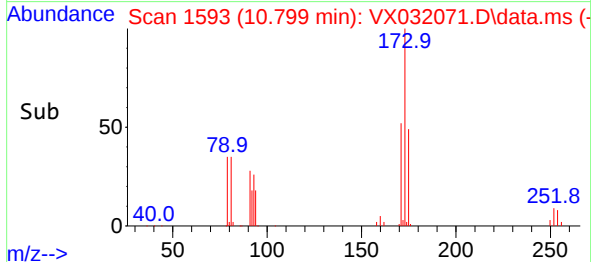
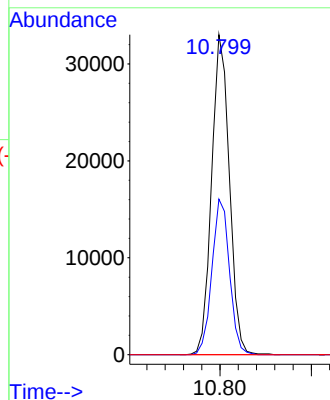
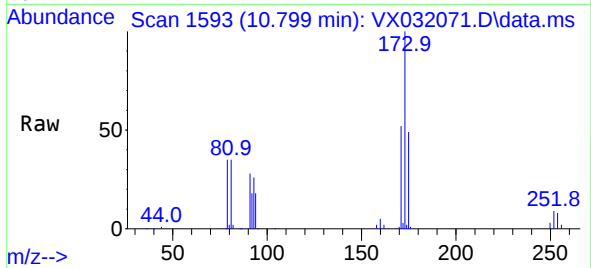




#71  
Bromoform  
Concen: 53.844 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

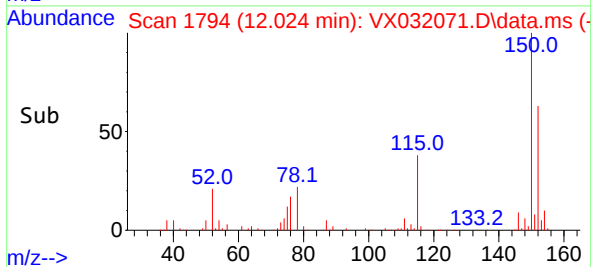
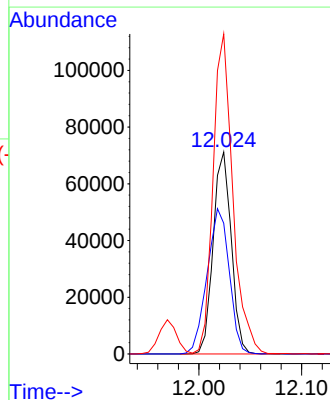
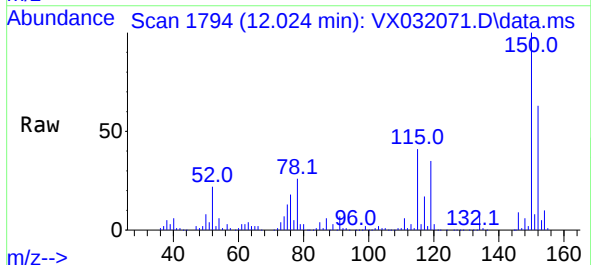
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

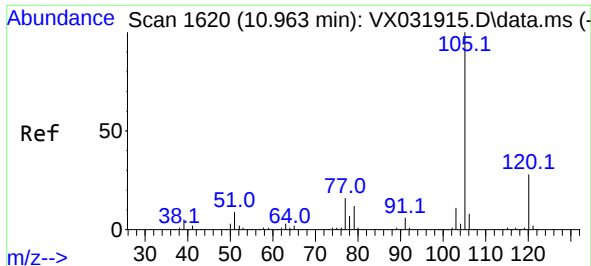
Tgt Ion:173 Resp: 44424  
Ion Ratio Lower Upper  
173 100  
175 48.1 24.0 72.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion:152 Resp: 86836  
Ion Ratio Lower Upper  
152 100  
115 88.2 43.4 130.1  
150 173.4 0.0 346.8

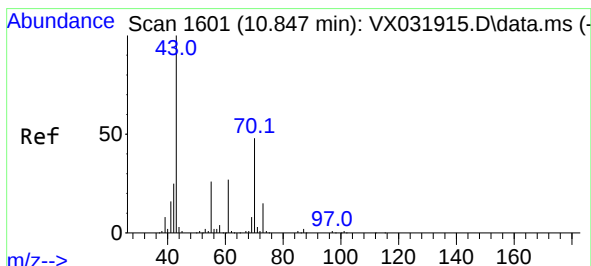
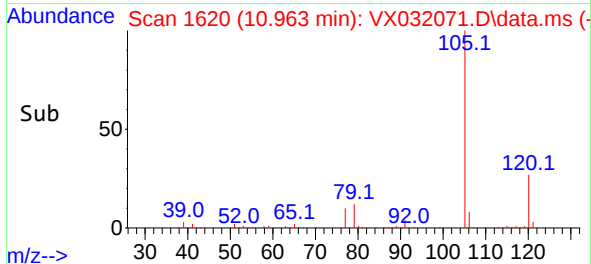
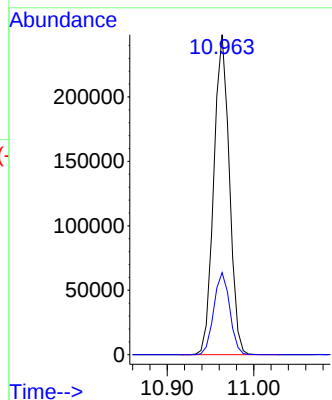
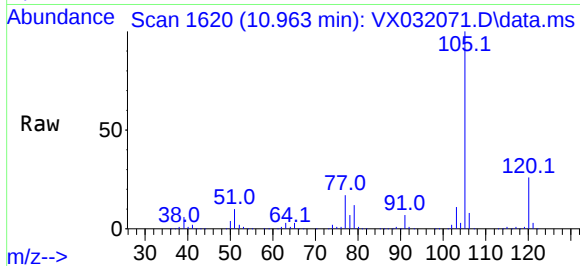




#73  
Isopropylbenzene  
Concen: 47.369 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

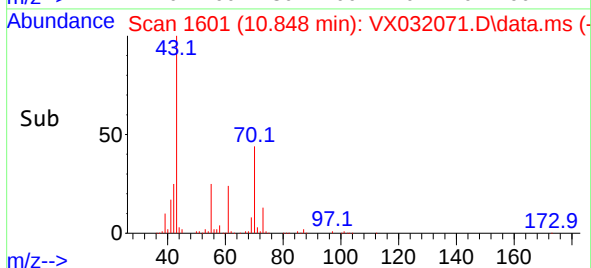
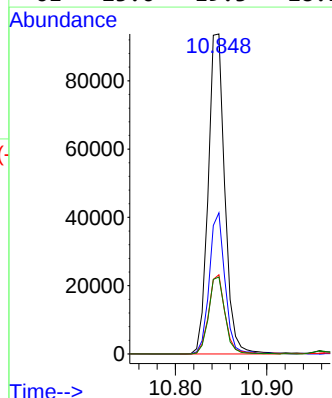
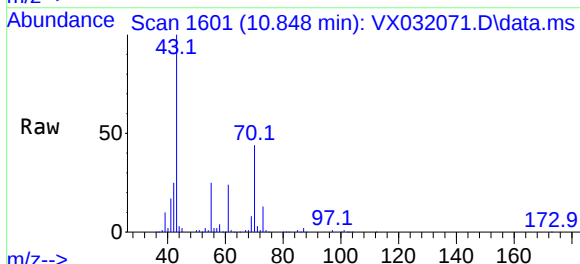
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

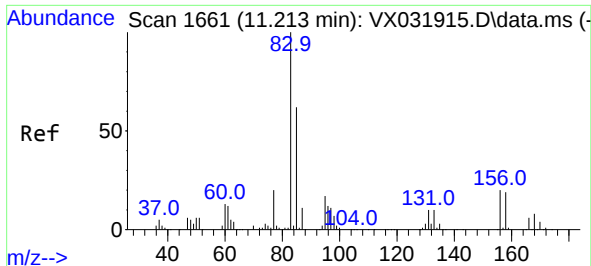
Tgt Ion:105 Resp: 310235  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.7 41.0



#74  
N-ethyl acetate  
Concen: 59.020 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.001 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 43 Resp: 118041  
Ion Ratio Lower Upper  
43 100  
70 41.6 33.4 50.2  
55 24.5 18.2 27.2  
61 23.6 19.3 28.9

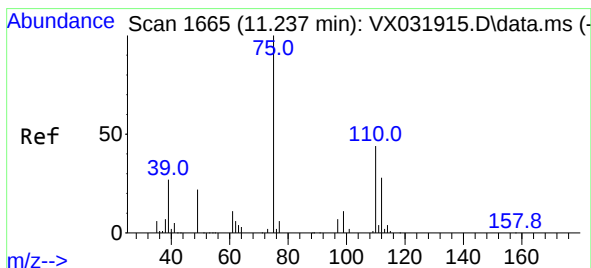
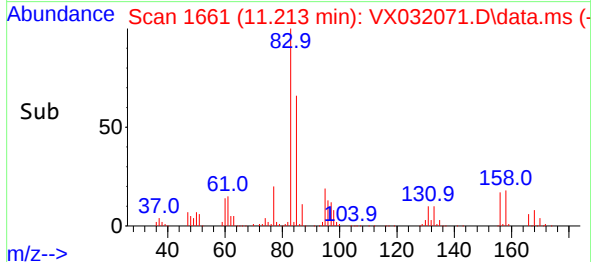
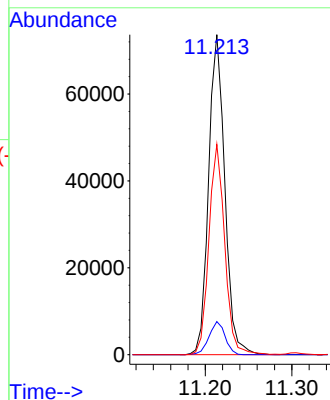
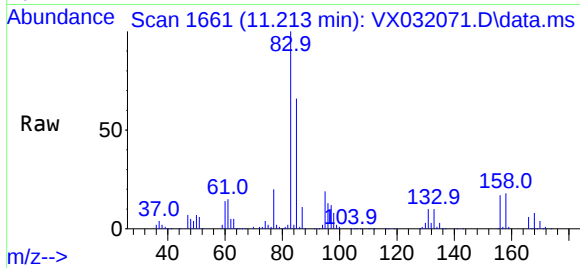




#75  
1,1,2,2-Tetrachloroethane  
Concen: 45.954 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

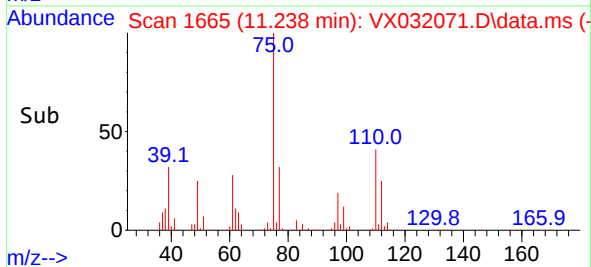
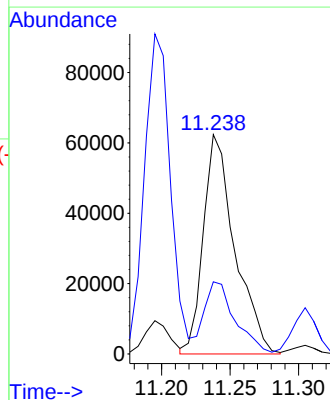
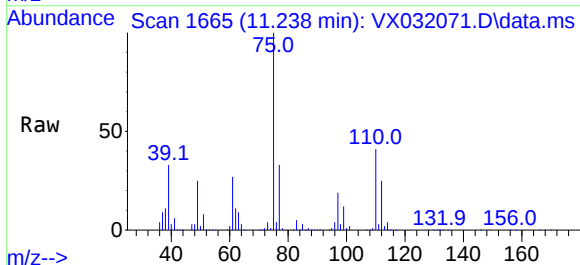
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

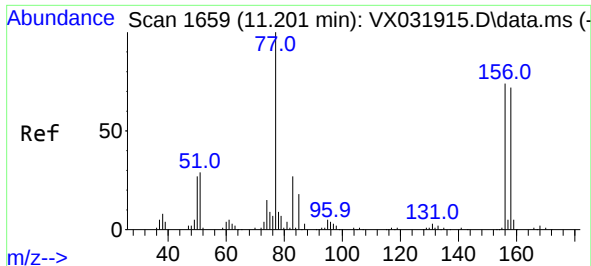
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 95625 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.3  | 5.1   | 15.4  |
| 85        | 64.4  | 32.6  | 97.8  |



#76  
1,2,3-Trichloropropane  
Concen: 56.150 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.001 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 99931 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 33.0  | 20.3  | 60.9  |

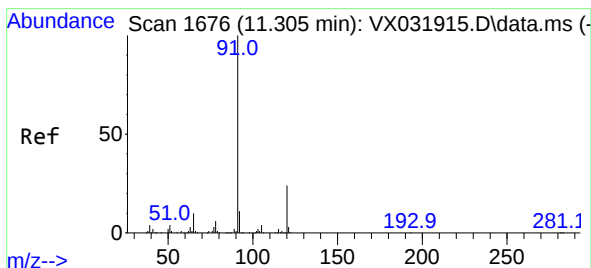
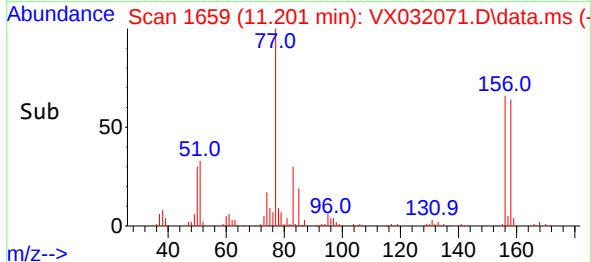
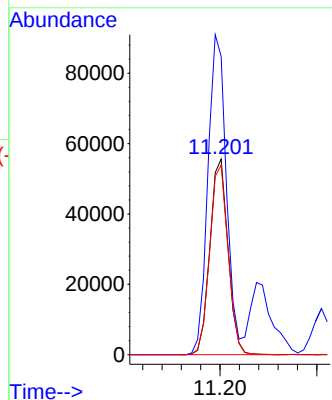
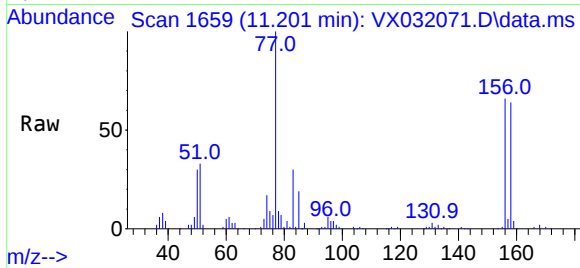




#77  
Bromobenzene  
Concen: 44.851 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

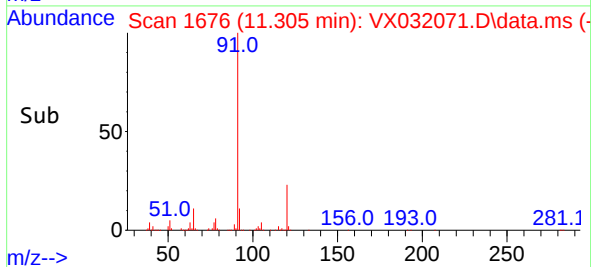
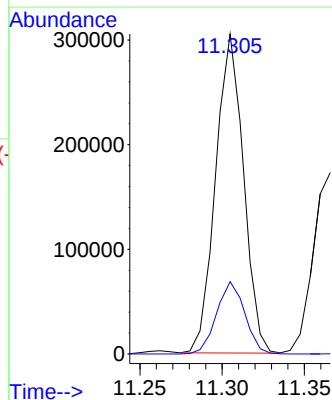
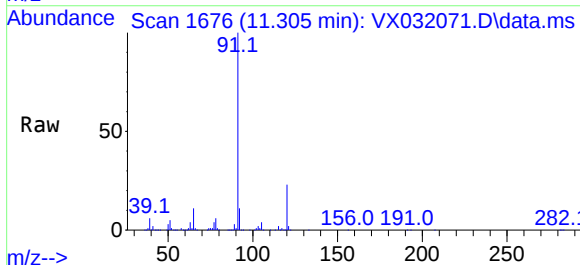
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

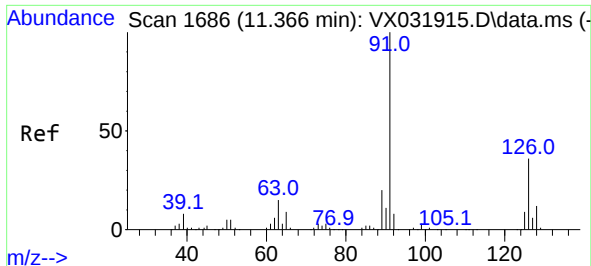
Tgt Ion:156 Resp: 72358  
Ion Ratio Lower Upper  
156 100  
77 165.6 79.5 238.6  
158 97.9 48.4 145.3



#78  
n-propylbenzene  
Concen: 48.252 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 91 Resp: 359441  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.8 35.4

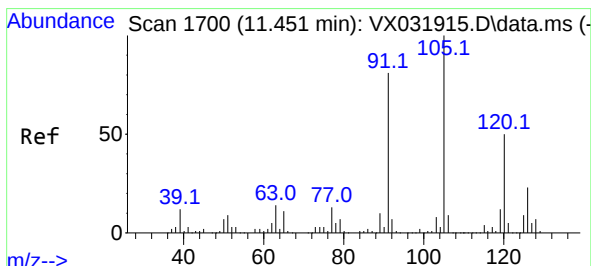
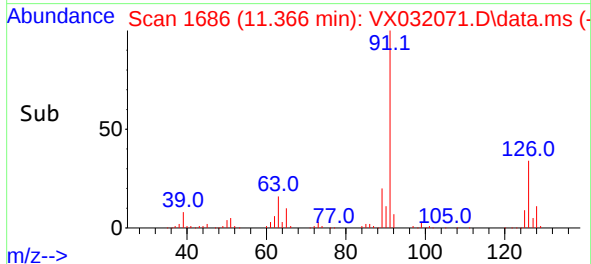
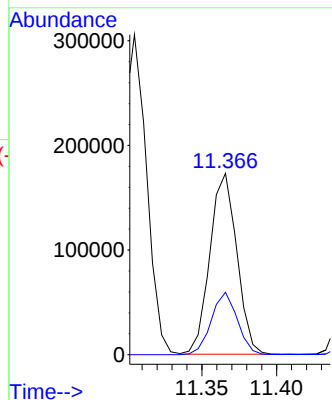
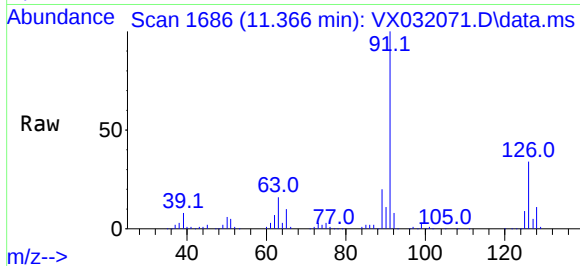




#79  
2-Chlorotoluene  
Concen: 48.449 ug/l  
RT: 11.366 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

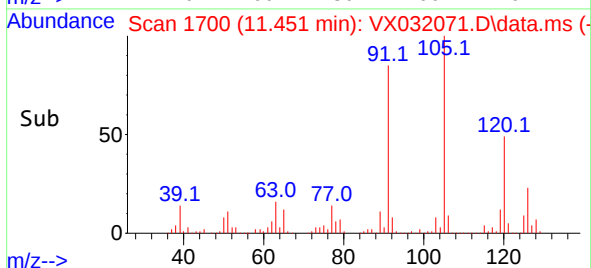
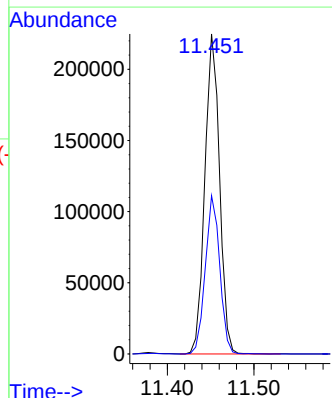
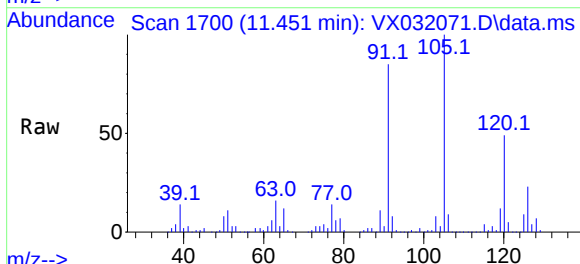
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

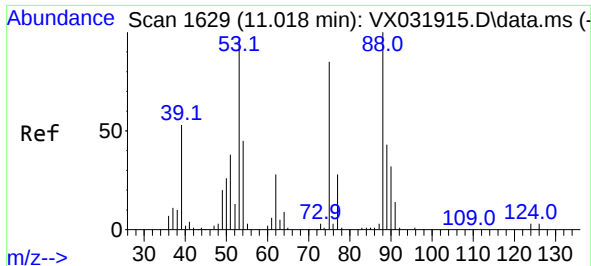
Tgt Ion: 91 Resp: 217193  
Ion Ratio Lower Upper  
91 100  
126 33.4 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 48.681 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 105 Resp: 264430  
Ion Ratio Lower Upper  
105 100  
120 48.8 24.5 73.5

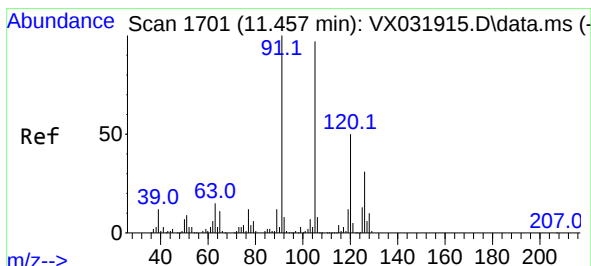
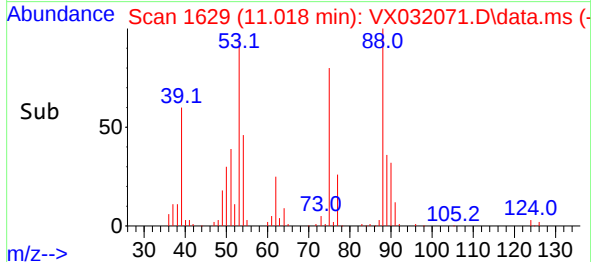
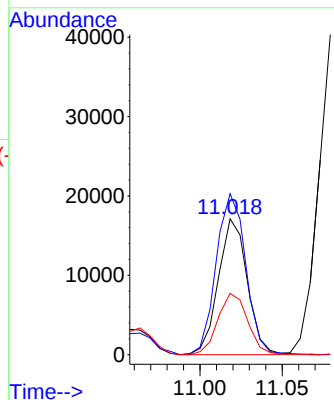
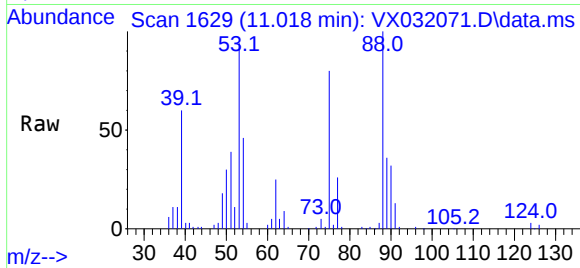




#81  
trans-1,4-Dichloro-2-butene  
Concen: 42.360 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

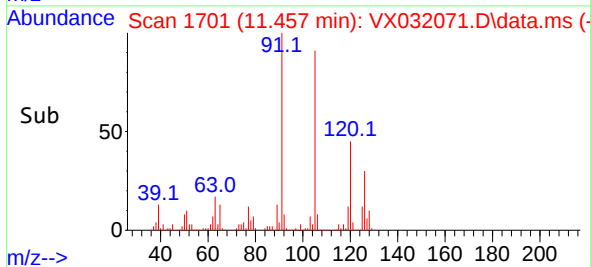
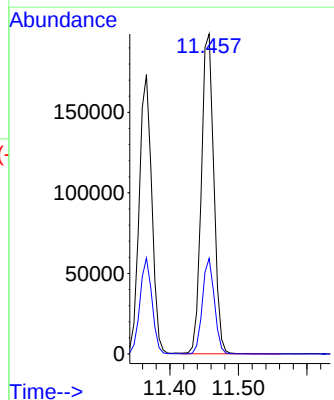
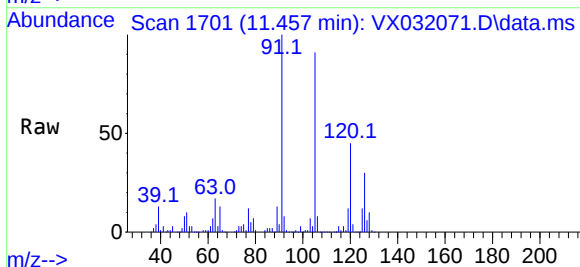
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

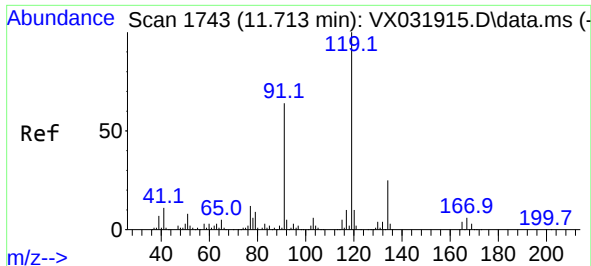
Tgt Ion: 75 Resp: 20948  
Ion Ratio Lower Upper  
75 100  
53 121.3 77.6 116.4#  
89 46.4 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 49.163 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 91 Resp: 252407  
Ion Ratio Lower Upper  
91 100  
126 28.7 15.1 45.3

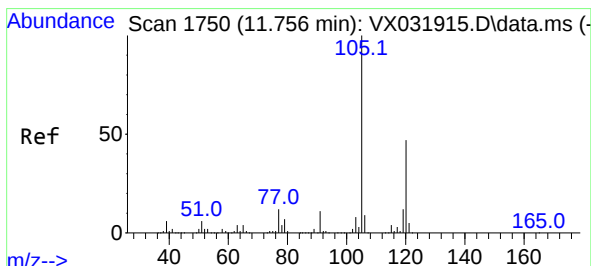
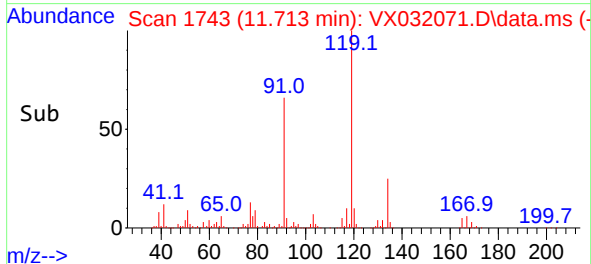
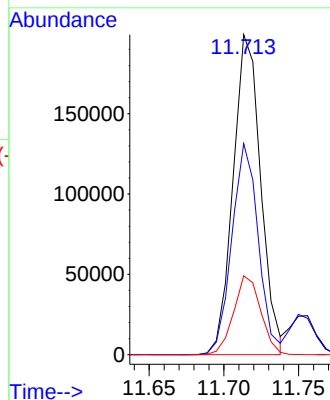
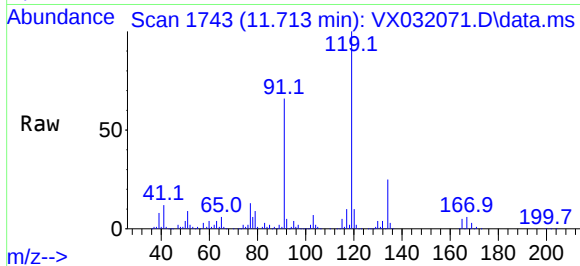




#83  
tert-Butylbenzene  
Concen: 47.619 ug/l  
RT: 11.713 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

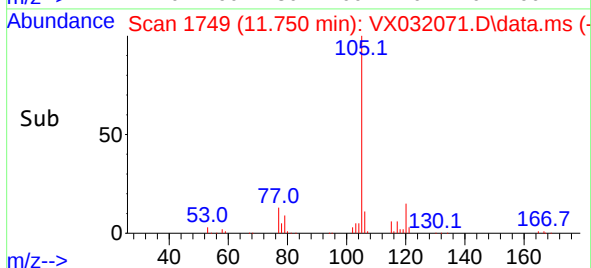
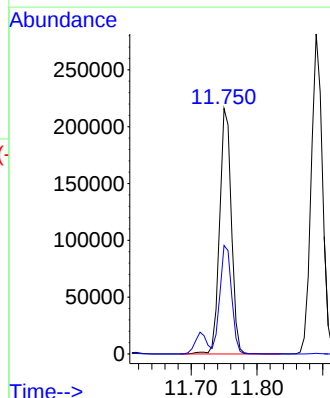
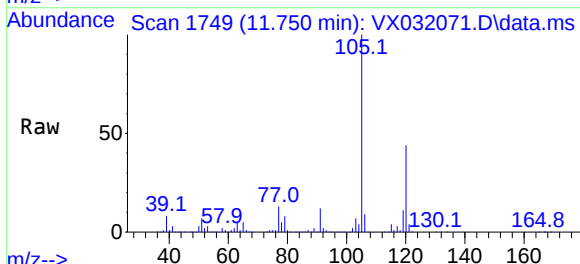
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

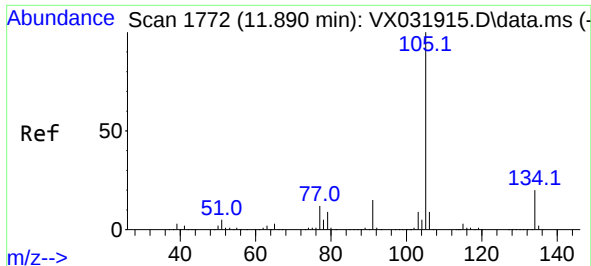
Tgt Ion:119 Resp: 256002  
Ion Ratio Lower Upper  
119 100  
91 63.3 29.2 87.6  
134 24.2 11.6 34.8



#84  
1,2,4-Trimethylbenzene  
Concen: 48.550 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion:105 Resp: 267905  
Ion Ratio Lower Upper  
105 100  
120 44.1 22.6 67.8

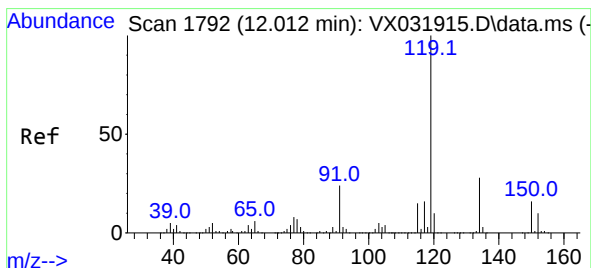
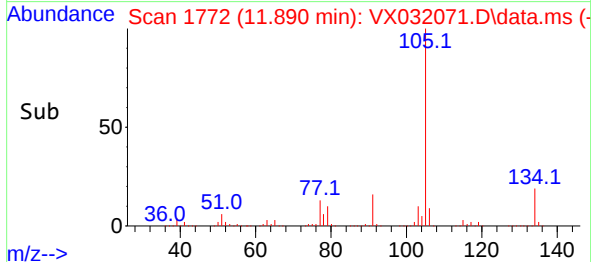
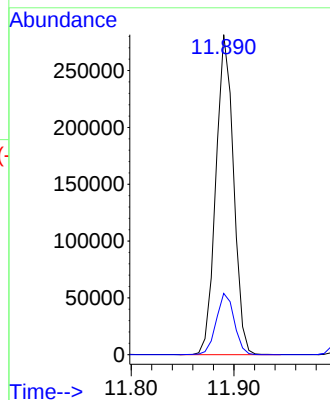
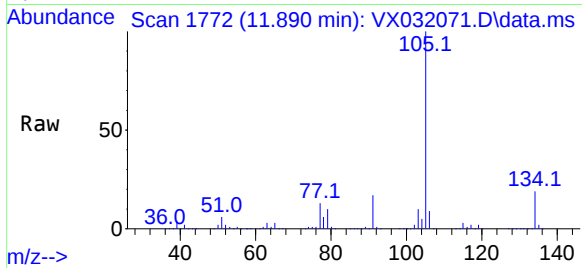




#85  
sec-Butylbenzene  
Concen: 50.318 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

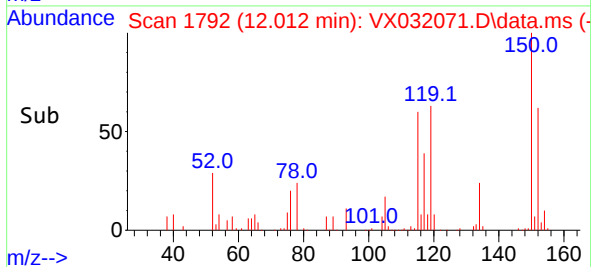
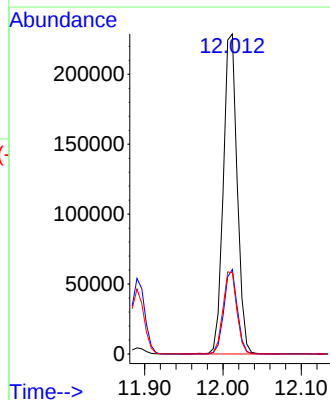
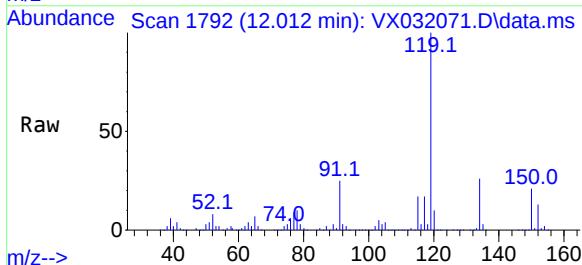
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

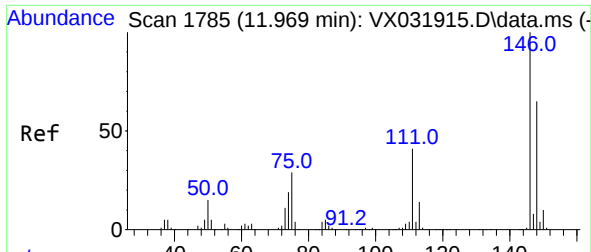
Tgt Ion:105 Resp: 334912  
Ion Ratio Lower Upper  
105 100  
134 19.6 10.4 31.1



#86  
p-Isopropyltoluene  
Concen: 50.477 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion:119 Resp: 282870  
Ion Ratio Lower Upper  
119 100  
134 25.3 13.4 40.2  
91 25.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.750 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

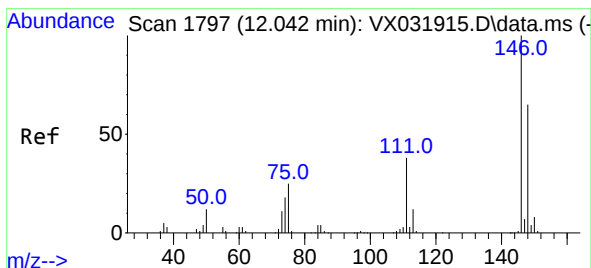
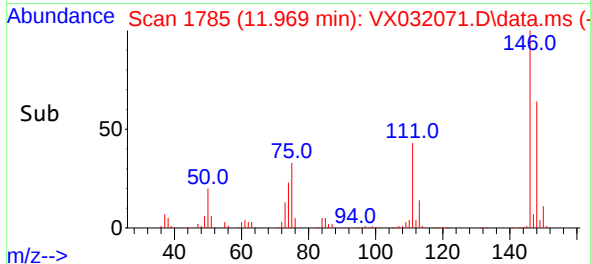
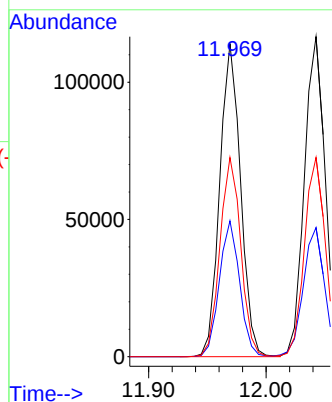
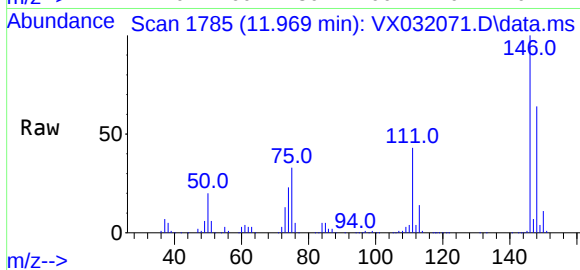
Tgt Ion:146 Resp: 140532

Ion Ratio Lower Upper

146 100

111 42.5 19.8 59.4

148 63.8 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 45.574 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

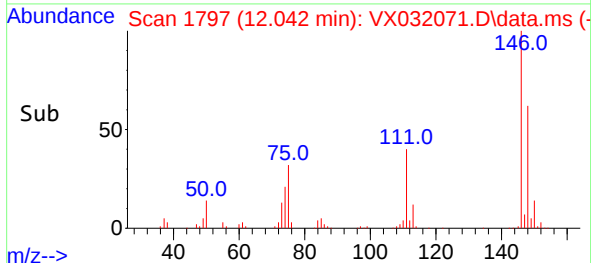
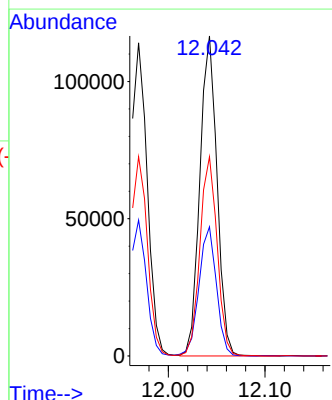
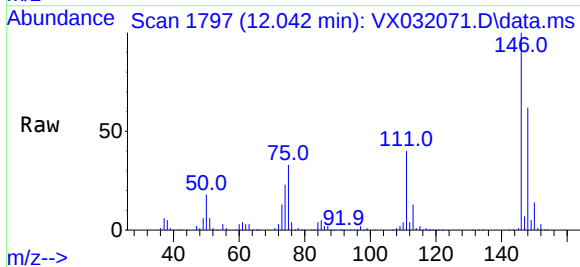
Tgt Ion:146 Resp: 144095

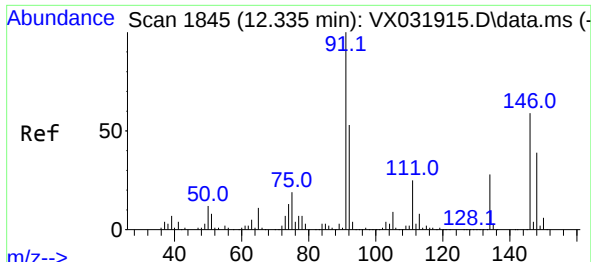
Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.5

148 62.7 32.0 96.2





#89

n-Butylbenzene

Concen: 52.083 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032071.D

Acq: 12 Oct 2022 08:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

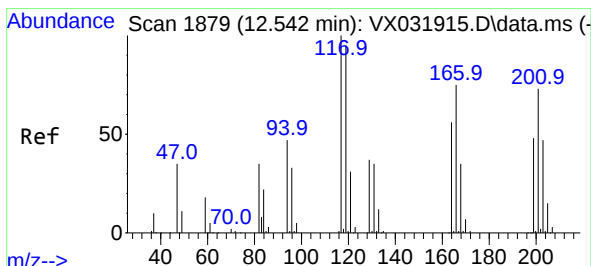
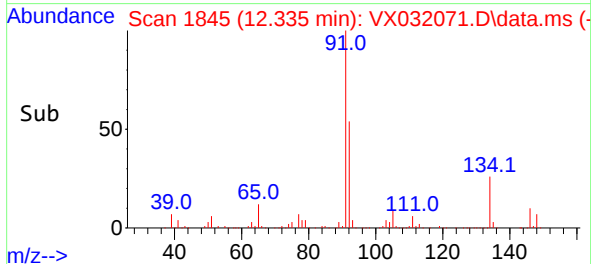
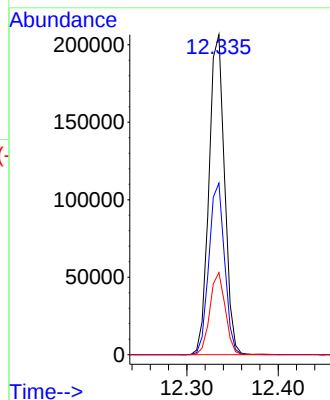
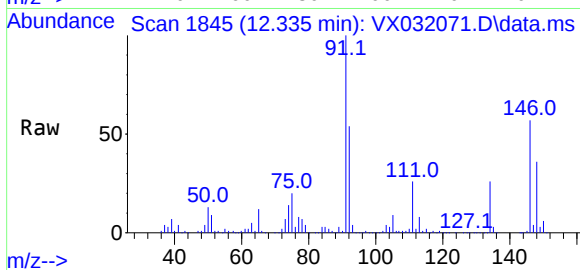
Tgt Ion: 91 Resp: 244416

Ion Ratio Lower Upper

91 100

92 54.0 27.0 81.0

134 25.3 13.3 39.9



#90

Hexachloroethane

Concen: 50.089 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX032071.D

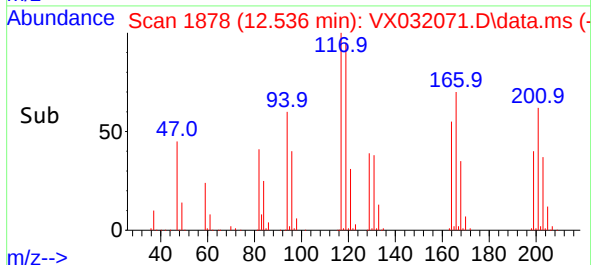
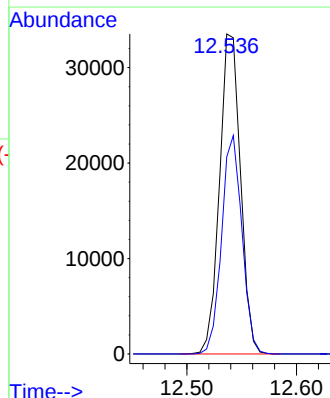
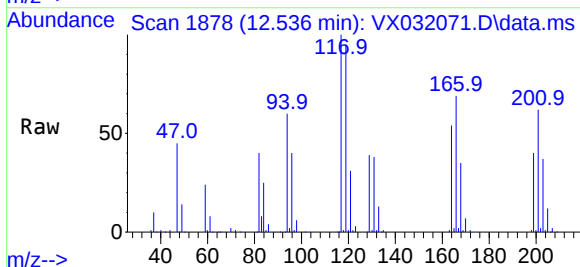
Acq: 12 Oct 2022 08:57

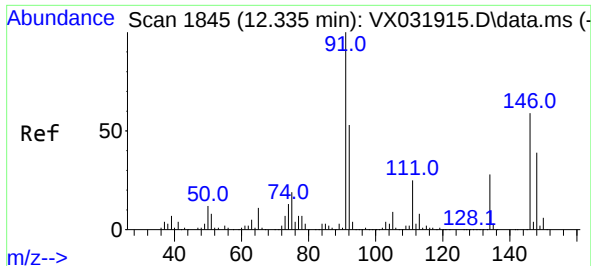
Tgt Ion: 117 Resp: 44637

Ion Ratio Lower Upper

117 100

201 66.2 34.8 104.4

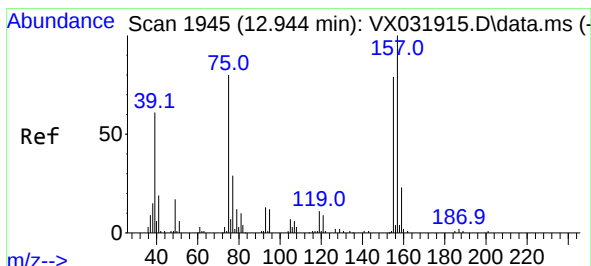
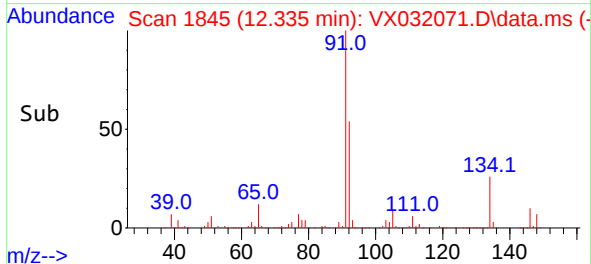
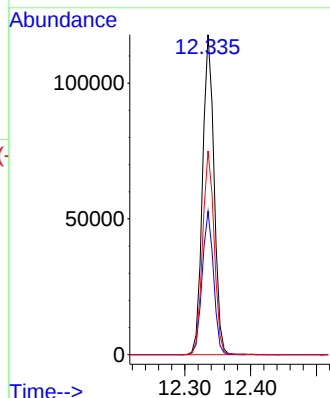
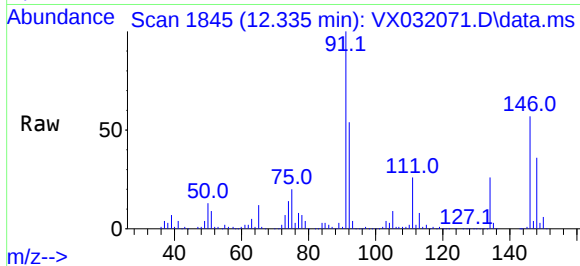




#91  
1,2-Dichlorobenzene  
Concen: 46.995 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

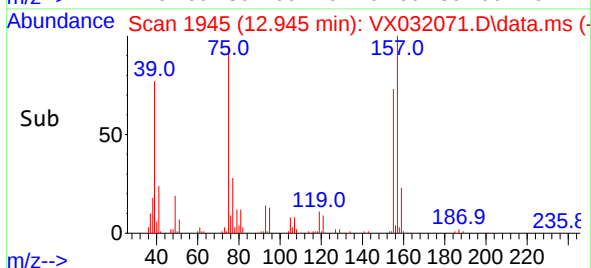
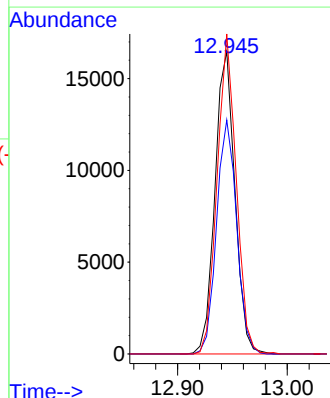
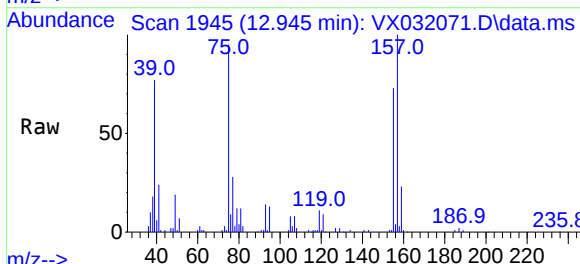
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

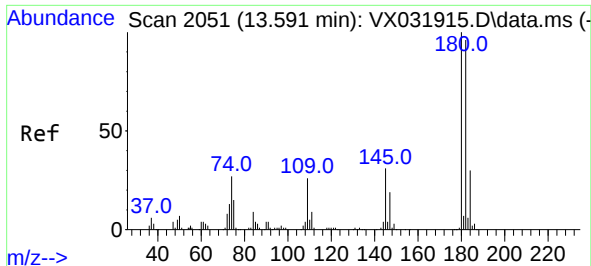
Tgt Ion:146 Resp: 143526  
Ion Ratio Lower Upper  
146 100  
111 44.1 20.6 61.8  
148 63.9 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 54.762 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.001 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion: 75 Resp: 20859  
Ion Ratio Lower Upper  
75 100  
155 77.8 40.3 120.8  
157 101.3 51.5 154.5

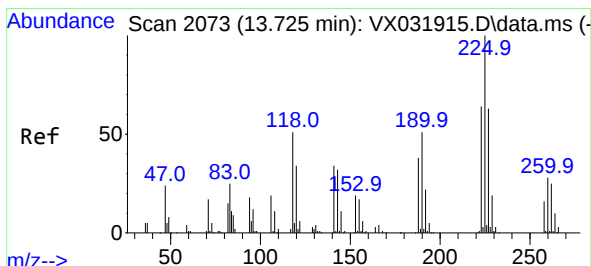
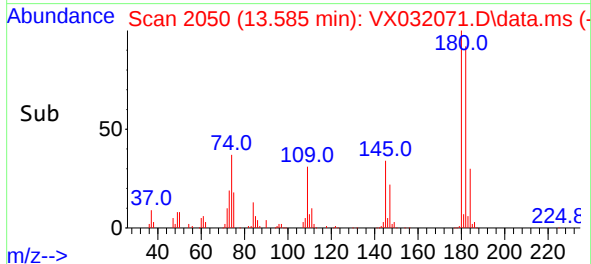
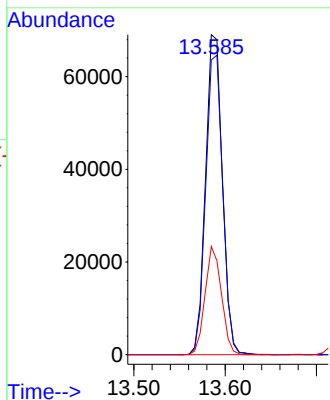
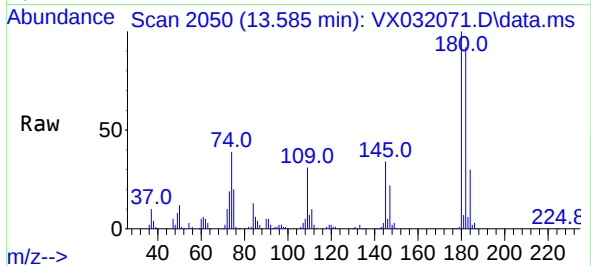




#93  
1,2,4-Trichlorobenzene  
Concen: 47.464 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.006 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

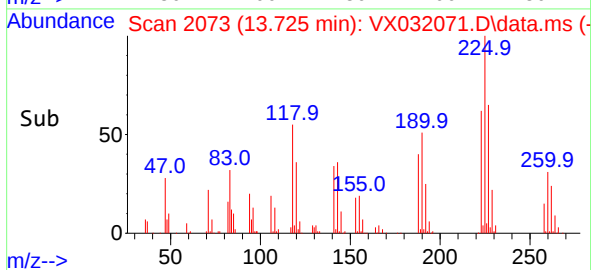
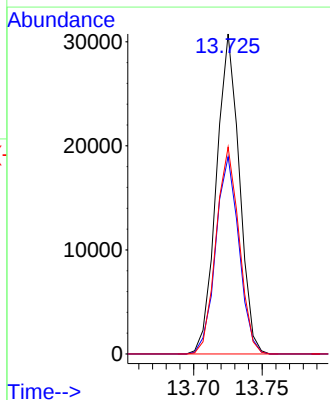
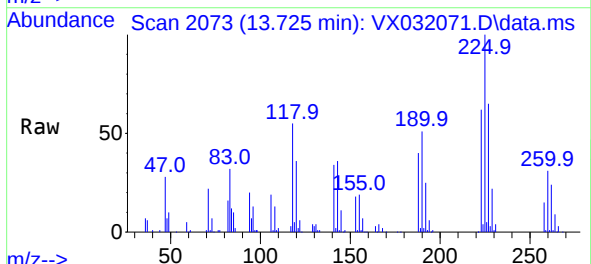
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

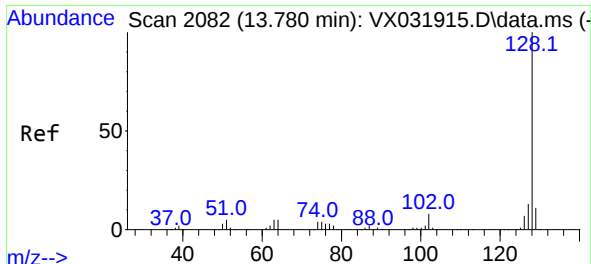
Tgt Ion:180 Resp: 87981  
Ion Ratio Lower Upper  
180 100  
182 95.1 46.9 140.6  
145 33.0 16.7 50.1



#94  
Hexachlorobutadiene  
Concen: 47.647 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

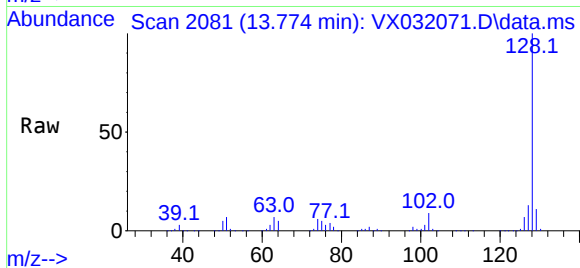
Tgt Ion:225 Resp: 35721  
Ion Ratio Lower Upper  
225 100  
223 62.2 30.8 92.4  
227 64.9 32.3 96.9



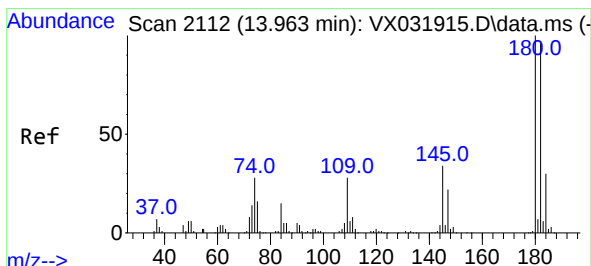
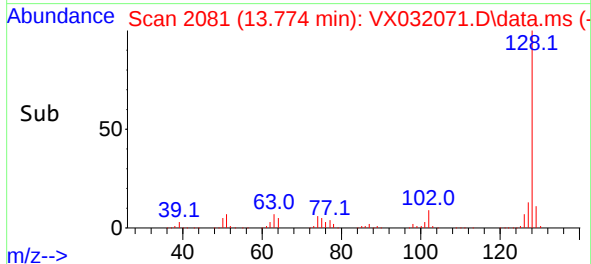
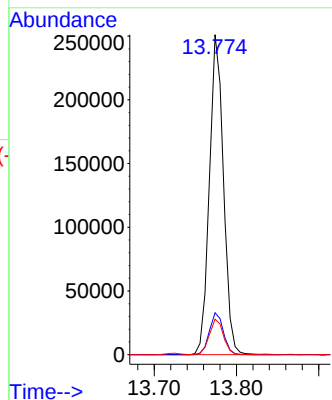


#95  
Naphthalene  
Concen: 46.998 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:128 Resp: 298518  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.4 15.6  
129 11.2 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 47.088 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX032071.D  
Acq: 12 Oct 2022 08:57

Tgt Ion:180 Resp: 88536  
Ion Ratio Lower Upper  
180 100  
182 96.0 47.9 143.8  
145 35.5 17.6 52.8

