

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051624\  
 Data File : VX041575.D  
 Acq On : 16 May 2024 19:41  
 Operator : JC/MD  
 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 17 02:44:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X051524W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu May 16 05:13:13 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Bromochloromethane        | 4.897          | 128  | 28577      | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.763          | 114  | 150881     | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055         | 117  | 140788     | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.952          | 65   | 63435      | 28.188   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = | 93.967%  |        |          |
| 60) 4-Bromofluorobenzene     | 11.079         | 95   | 67476      | 30.702   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = | 102.333% |        |          |
| 63) Toluene-d8               | 8.647          | 98   | 183487     | 30.404   | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = | 101.333% |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 28944      | 19.364   | ug/l   | 94       |
| 3) Chloromethane             | 1.294          | 50   | 28402      | 17.352   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374          | 62   | 29670      | 17.217   | ug/l   | 94       |
| 5) Bromomethane              | 1.599          | 94   | 18532      | 16.908   | ug/l   | 100      |
| 6) Chloroethane              | 1.666          | 64   | 24791      | 28.454   | ug/l   | 90       |
| 7) Trichlorofluoromethane    | 1.874          | 101  | 53235      | 20.352   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136          | 74   | 20483      | 20.969   | ug/l   | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325          | 101  | 30025      | 19.794   | ug/l   | 97       |
| 10) 1,1-Dichloroethene       | 2.313          | 96   | 29334      | 20.063   | ug/l   | 99       |
| 11) Methyl Iodide            | 2.447          | 142  | 33873      | 19.452   | ug/l   | 98       |
| 12) Methyl Acetate           | 2.709          | 43   | 49000      | 22.253   | ug/l   | 96       |
| 13) Acrolein                 | 2.239          | 56   | 19499      | 72.739   | ug/l   | 97       |
| 14) Acrylonitrile            | 3.068          | 53   | 101704     | 105.052  | ug/l   | 98       |
| 15) Acetone                  | 2.386          | 58   | 25690      | 99.039   | ug/l   | 99       |
| 16) Carbon Disulfide         | 2.508          | 76   | 67427      | 20.426   | ug/l   | 99       |
| 17) Allyl chloride           | 2.660          | 41   | 53219      | 20.511   | ug/l   | 98       |
| 18) Methylene Chloride       | 2.788          | 84   | 36778      | 21.150   | ug/l   | 98       |
| 19) trans-1,2-Dichloroethene | 3.087          | 96   | 32695      | 19.501   | ug/l   | 96       |
| 20) Diisopropyl ether        | 3.763          | 45   | 109498     | 20.086   | ug/l   | 97       |
| 21) 1,1-Dichloroethane       | 3.605          | 63   | 61333      | 20.046   | ug/l   | 99       |
| 22) cis-1,2-Dichloroethene   | 4.483          | 96   | 39874      | 19.572   | ug/l   | 97       |
| 23) tert-Butyl Alcohol       | 2.989          | 59   | 39439      | 95.996   | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 3.117          | 73   | 108490     | 19.875   | ug/l   | 99       |
| 25) Chloroform               | 5.093          | 83   | 65638      | 20.138   | ug/l   | 95       |
| 26) Cyclohexane              | 5.464          | 56   | 49980      | 19.589   | ug/l # | 99       |
| 29) 1,1-Dichloropropene      | 5.690          | 75   | 42485      | 21.286   | ug/l   | 99       |
| 30) 2-Butanone               | 4.562          | 43   | 144879     | 109.362  | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 4.471          | 77   | 45140      | 19.271   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 53991      | 20.161   | ug/l   | 99       |
| 33) Carbon Tetrachloride     | 5.672          | 117  | 48545      | 21.186   | ug/l   | 97       |
| 34) Benzene                  | 6.037          | 78   | 135835     | 21.550   | ug/l   | 98       |
| 35) Methacrylonitrile        | 4.916          | 41   | 29876      | 22.356   | ug/l   | 96       |
| 36) 1,2-Dichloroethane       | 6.086          | 62   | 51201      | 21.767   | ug/l   | 100      |
| 37) Trichloroethene          | 7.123          | 130  | 36553      | 20.813   | ug/l   | 99       |
| 38) Methylcyclohexane        | 7.379          | 83   | 51496      | 20.320   | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 7.427          | 63   | 32611      | 21.886   | ug/l   | 99       |
| 40) Dibromomethane           | 7.580          | 93   | 25162      | 21.457   | ug/l   | 98       |
| 41) Bromodichloromethane     | 7.824          | 83   | 46045      | 20.914   | ug/l   | 99       |
| 42) Vinyl Acetate            | 3.721          | 43   | 487052     | 105.965  | ug/l   | 100      |

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 Sample : VSTDCCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

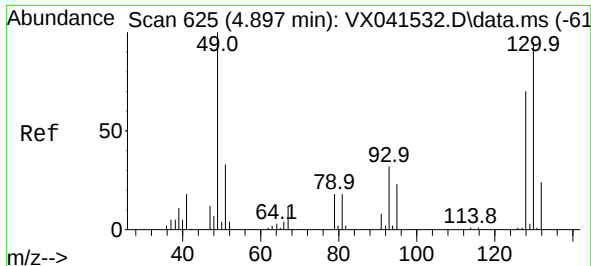
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 17 02:44:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X051524W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu May 16 05:13:13 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.721  | 43   | 53333    | 20.865  | ug/l   | 100      |
| 44) Isopropyl Acetate         | 6.342  | 43   | 83048    | 21.493  | ug/l   | 100      |
| 45) 1,4-Dioxane               | 7.671  | 88   | 14019    | 321.712 | ug/l # | 84       |
| 46) Methyl methacrylate       | 7.696  | 41   | 40135    | 20.877  | ug/l   | 99       |
| 47) n-amyl Acetate            | 10.841 | 43   | 72909    | 20.808  | ug/l   | 99       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 44224    | 20.002  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 48381    | 20.203  | ug/l   | 100      |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 35460    | 21.737  | ug/l   | 94       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 54809    | 20.873  | ug/l   | 97       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 58637    | 21.752  | ug/l   | 99       |
| 53) Dibromochloromethane      | 9.519  | 129  | 38834    | 20.922  | ug/l   | 98       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 37193    | 21.500  | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 142118   | 110.884 | ug/l   | 99       |
| 56) Bromoform                 | 10.799 | 173  | 29827    | 20.057  | ug/l   | 99       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 285767   | 111.089 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 224551   | 109.575 | ug/l   | 100      |
| 61) Tetrachloroethene         | 9.275  | 164  | 36245    | 21.042  | ug/l   | 91       |
| 62) Toluene                   | 8.720  | 91   | 149775   | 21.380  | ug/l   | 100      |
| 64) Chlorobenzene             | 10.079 | 112  | 101852   | 21.405  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 35330    | 20.977  | ug/l   | 99       |
| 66) Ethyl Benzene             | 10.195 | 91   | 166896   | 21.455  | ug/l   | 99       |
| 67) m/p-Xylenes               | 10.299 | 106  | 133146   | 43.771  | ug/l   | 100      |
| 68) o-Xylene                  | 10.640 | 106  | 66524    | 21.726  | ug/l   | 95       |
| 69) Styrene                   | 10.652 | 104  | 109208   | 21.272  | ug/l   | 99       |
| 70) Isopropylbenzene          | 10.963 | 105  | 169903   | 21.959  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 58162    | 21.882  | ug/l   | 100      |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 62084    | 25.900  | ug/l   | 89       |
| 73) Bromobenzene              | 11.195 | 156  | 48230    | 21.215  | ug/l   | 100      |
| 74) n-propylbenzene           | 11.305 | 91   | 185843   | 21.301  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 11.360 | 91   | 117857   | 21.512  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 139293   | 21.092  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 13582    | 18.027  | ug/l   | 99       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 130781   | 20.958  | ug/l   | 99       |
| 79) tert-butylbenzene         | 11.713 | 119  | 148801   | 21.170  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 140772   | 21.266  | ug/l   | 100      |
| 81) sec-Butylbenzene          | 11.890 | 105  | 174271   | 21.218  | ug/l   | 99       |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 151286   | 21.042  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 84620    | 20.754  | ug/l   | 100      |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 84605    | 20.536  | ug/l   | 98       |
| 85) n-Butylbenzene            | 12.329 | 91   | 113858   | 19.680  | ug/l   | 99       |
| 86) Hexachloroethane          | 12.536 | 117  | 23728    | 19.602  | ug/l   | 99       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 88465    | 21.257  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 12283    | 21.042  | ug/l   | 99       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 57271    | 20.481  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 27707    | 20.310  | ug/l   | 99       |
| 91) Naphthalene               | 13.774 | 128  | 178604   | 21.371  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 59520    | 20.834  | ug/l   | 100      |

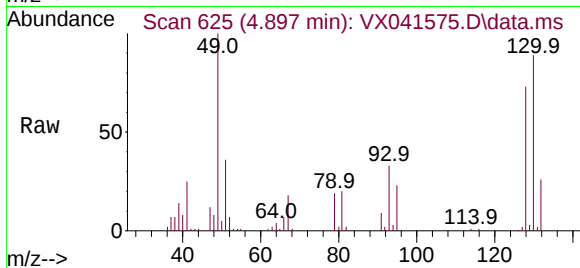
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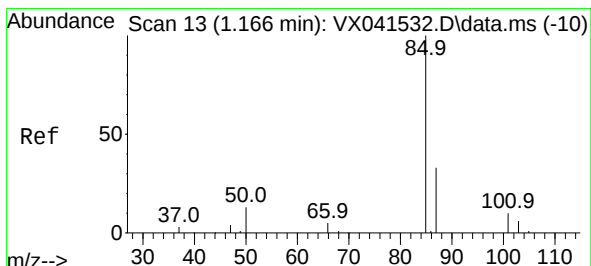
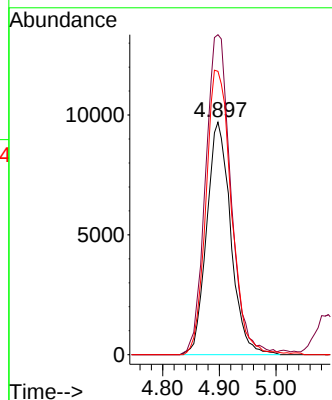
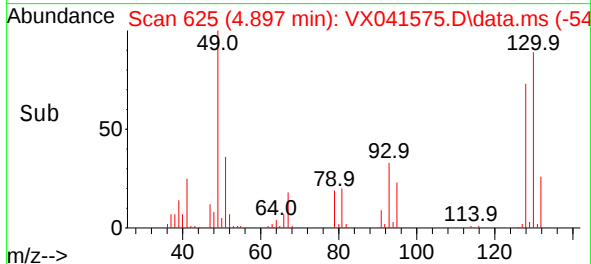


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.897 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Instrument :  
MSVOA\_X  
ClientSampleId :

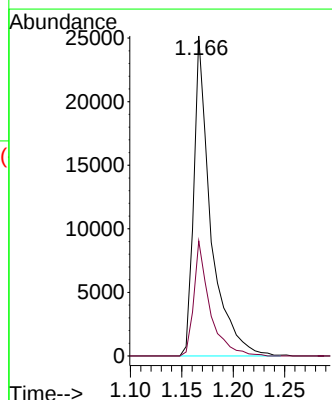
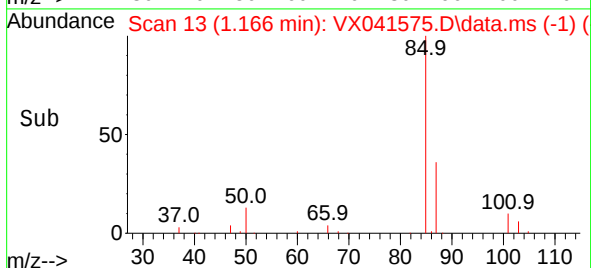
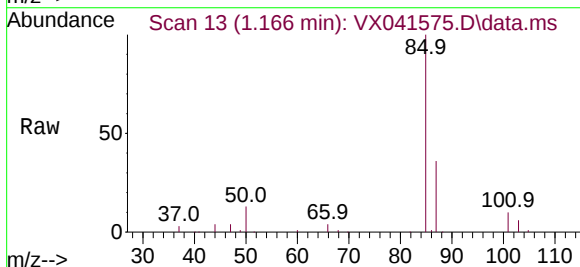


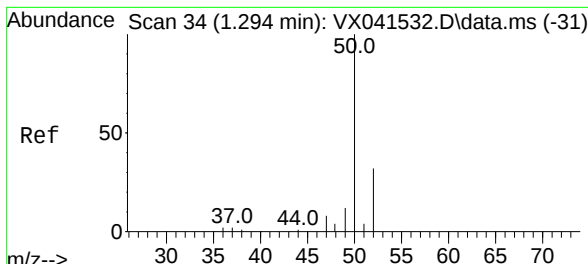
Tgt Ion:128 Resp: 28577  
Ion Ratio Lower Upper  
128 100  
49 143.3 0.0 361.5  
130 129.4 0.0 324.3



#2  
Dichlorodifluoromethane  
Concen: 19.364 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Tgt Ion: 85 Resp: 28944  
Ion Ratio Lower Upper  
85 100  
87 36.0 16.4 49.1

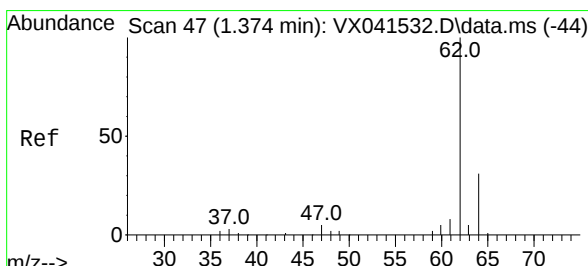
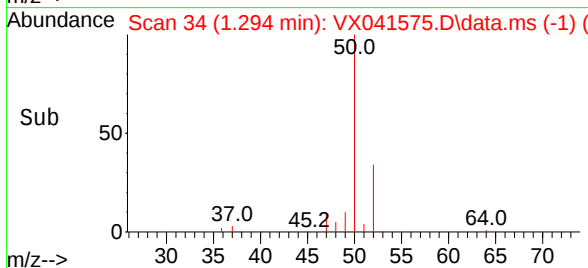
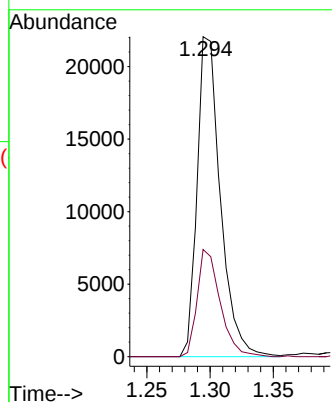
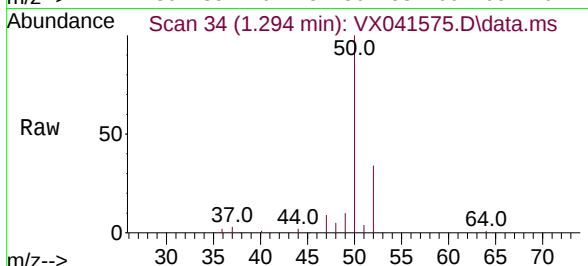




#3  
Chloromethane  
Concen: 17.352 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

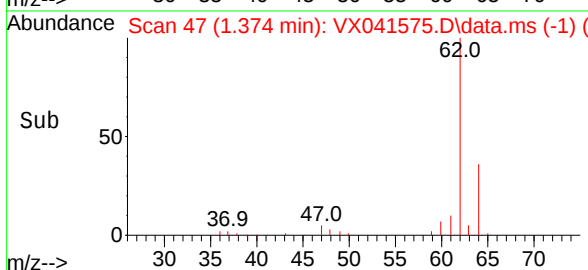
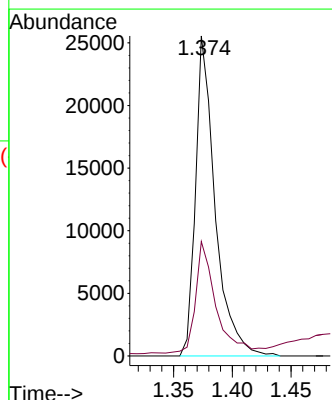
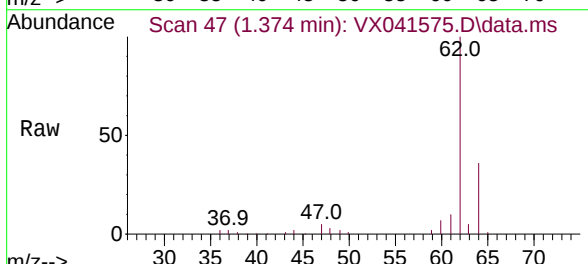
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MSVOA\_X  
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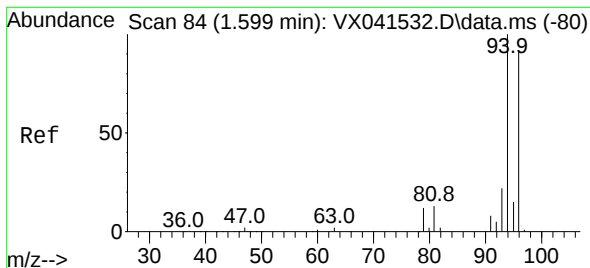
Tgt Ion: 50 Resp: 28402  
Ion Ratio Lower Upper  
50 100  
52 33.5 25.8 38.8



#4  
Vinyl Chloride  
Concen: 17.217 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Tgt Ion: 62 Resp: 29670  
Ion Ratio Lower Upper  
62 100  
64 34.2 24.6 37.0





#5

Bromomethane

Concen: 16.908 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

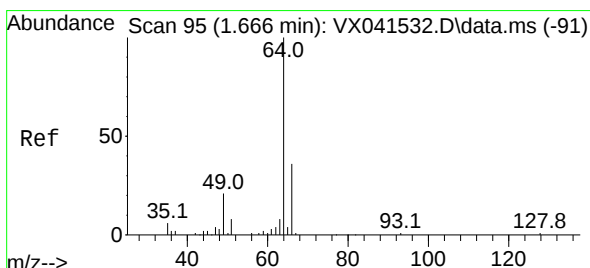
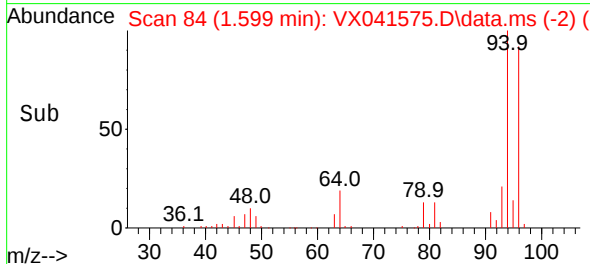
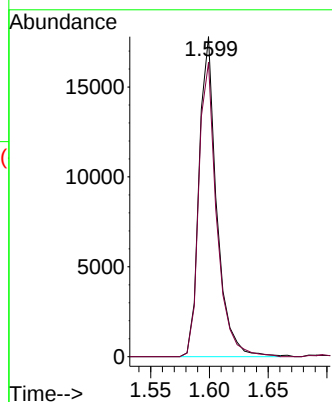
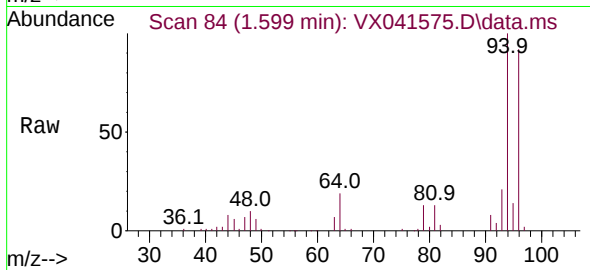
ClientSampleId :

Tgt Ion: 94 Resp: 18532

Ion Ratio Lower Upper

94 100

96 91.9 73.9 110.9



#6

Chloroethane

Concen: 28.454 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041575.D

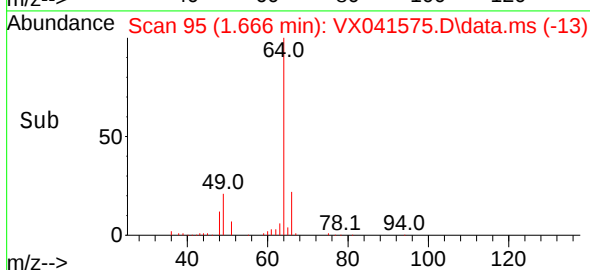
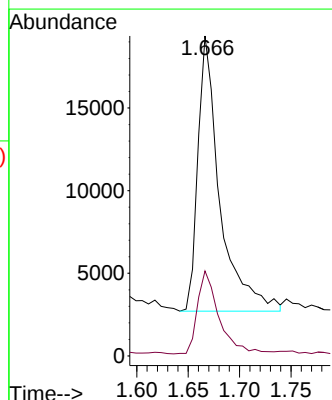
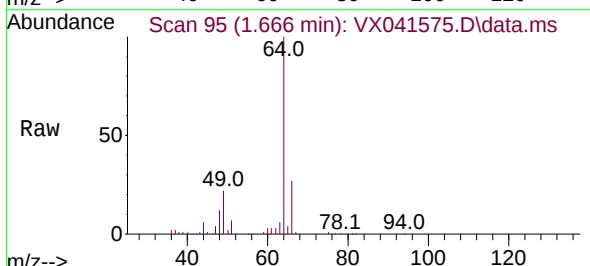
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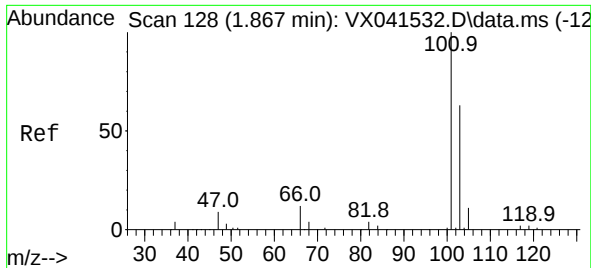
Tgt Ion: 64 Resp: 24791

Ion Ratio Lower Upper

64 100

66 29.7 28.6 42.8

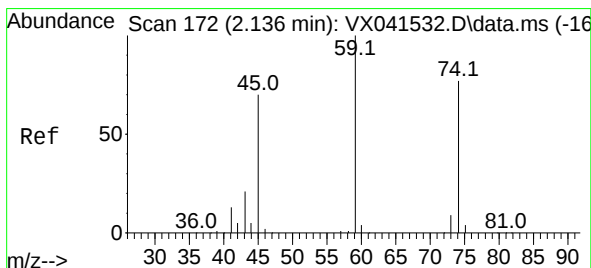
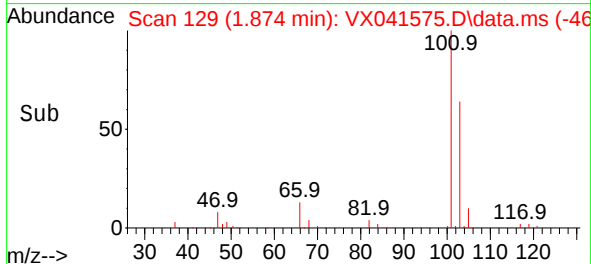
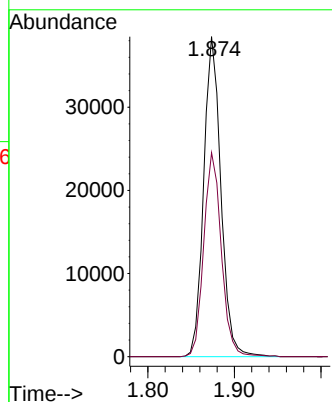
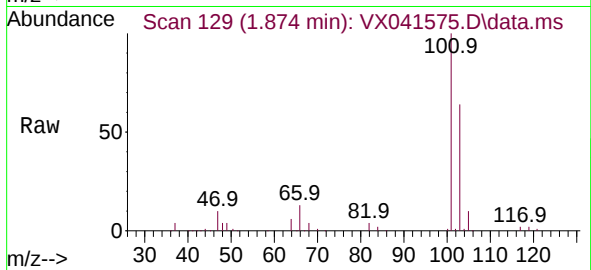




#7  
 Trichlorofluoromethane  
 Concen: 20.352 ug/l  
 RT: 1.874 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX041575.D  
 Acq: 16 May 2024 19:41

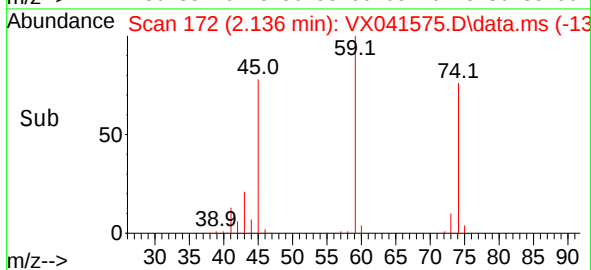
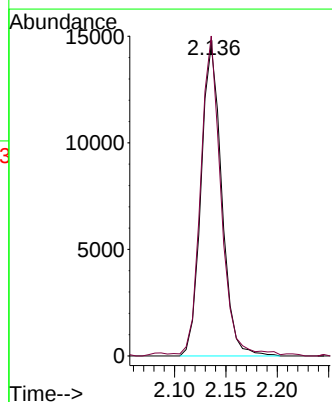
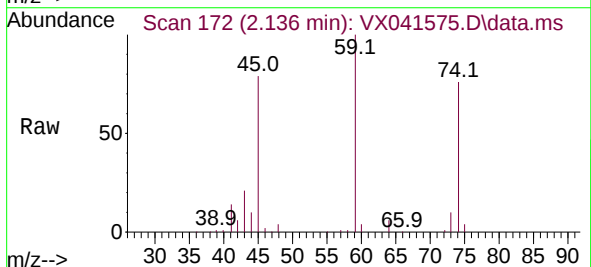
Instrument :  
 MSVOA\_X  
 ClientSampleId :

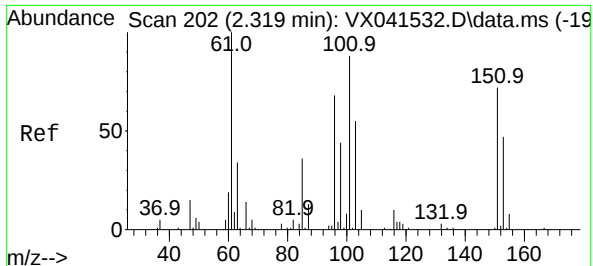
Tgt Ion:101 Resp: 53235  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 50.1 75.1



#8  
 Diethyl Ether  
 Concen: 20.969 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX041575.D  
 Acq: 16 May 2024 19:41

Tgt Ion: 74 Resp: 20483  
 Ion Ratio Lower Upper  
 74 100  
 45 100.9 18.6 167.4

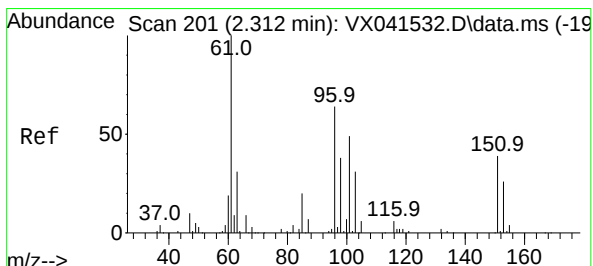
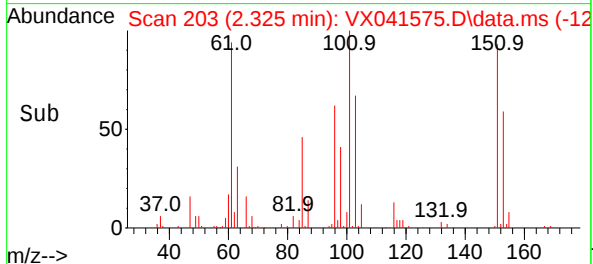
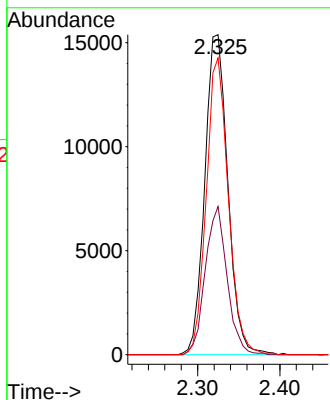
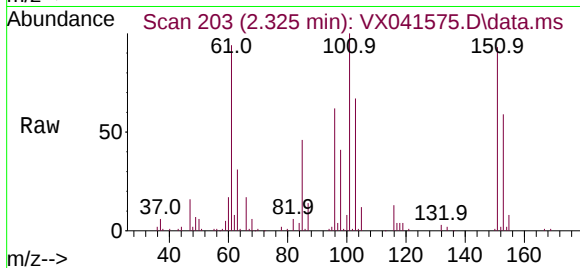




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.794 ug/l  
RT: 2.325 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

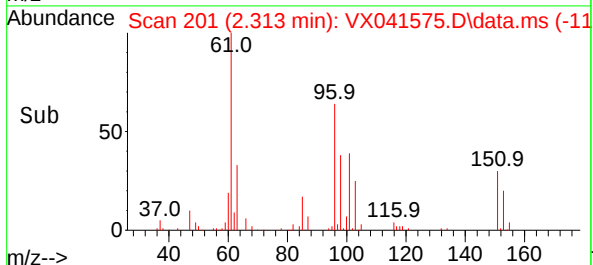
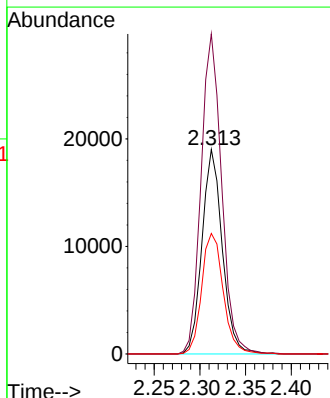
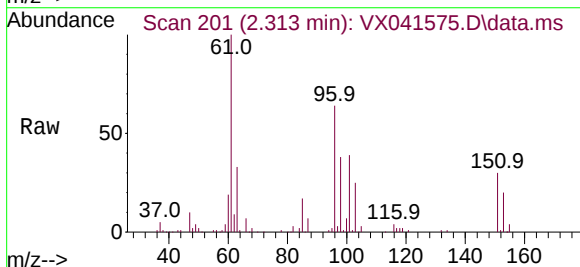
Instrument :  
MSVOA\_X  
ClientSampleId :

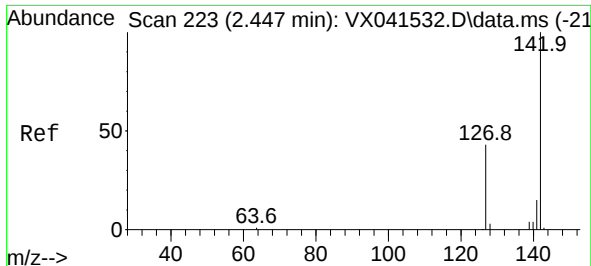
Tgt Ion:101 Resp: 30025  
Ion Ratio Lower Upper  
101 100  
85 43.7 0.0 84.6  
151 88.7 0.0 170.2



#10  
1,1-Dichloroethene  
Concen: 20.063 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Tgt Ion: 96 Resp: 29334  
Ion Ratio Lower Upper  
96 100  
61 156.4 124.5 186.7  
98 58.9 47.9 71.9





#11

Methyl Iodide

Concen: 19.452 ug/l

RT: 2.447 min Scan# 21

Delta R.T. 0.000 min

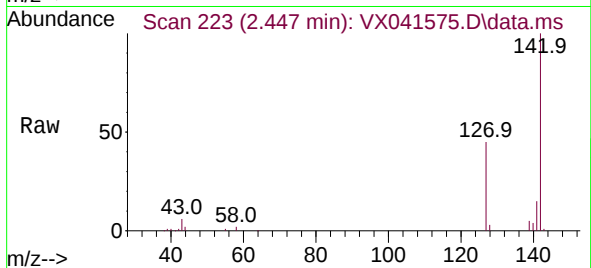
Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

ClientSampleId :



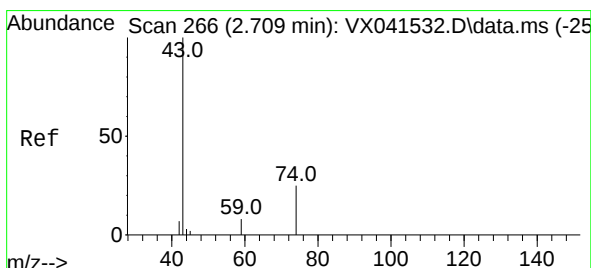
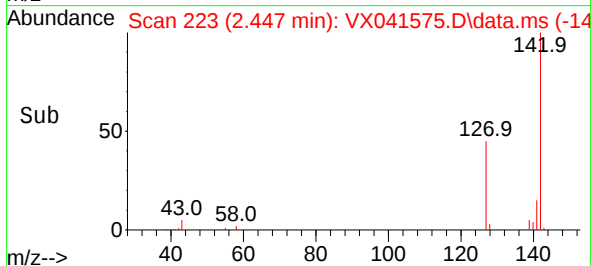
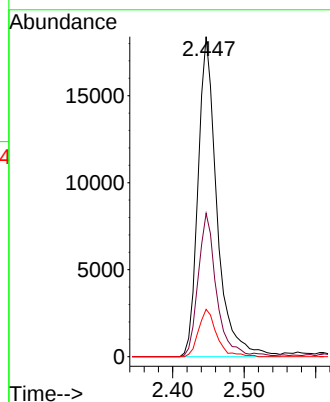
Tgt Ion:142 Resp: 33873

Ion Ratio Lower Upper

142 100

127 44.7 21.4 64.2

141 14.9 7.6 22.8



#12

Methyl Acetate

Concen: 22.253 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041575.D

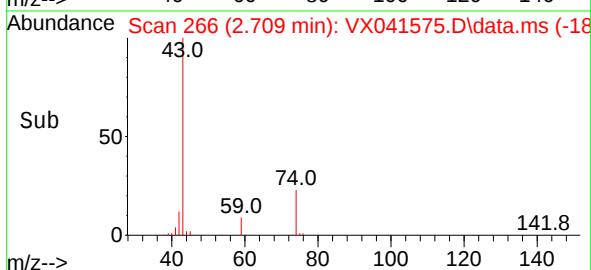
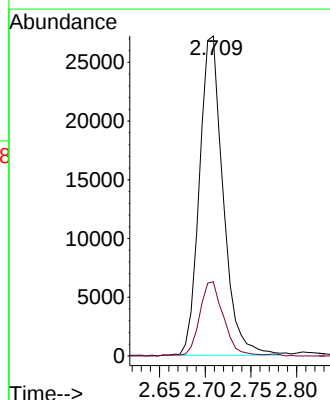
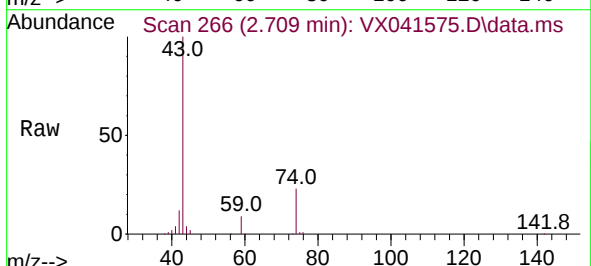
Acq: 16 May 2024 19:41

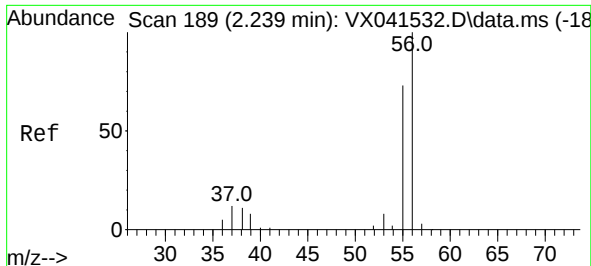
Tgt Ion: 43 Resp: 49000

Ion Ratio Lower Upper

43 100

74 23.0 19.9 29.9





#13

Acrolein

Concen: 72.739 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

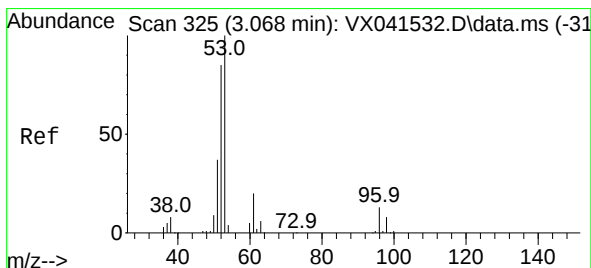
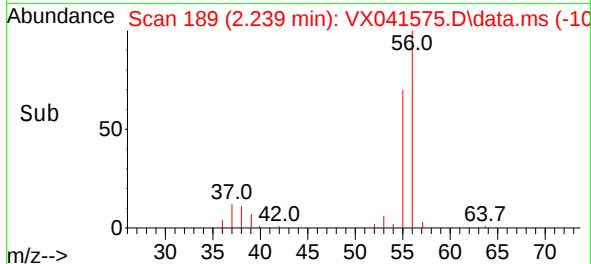
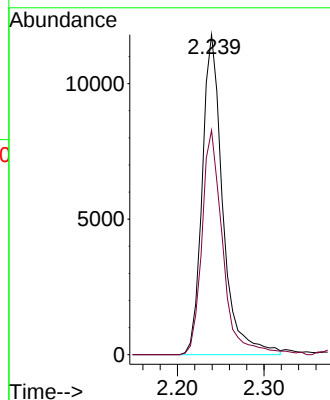
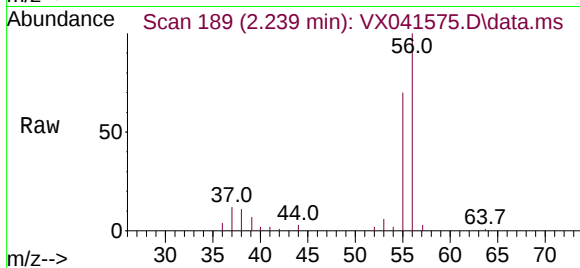
ClientSampleId :

Tgt Ion: 56 Resp: 19499

Ion Ratio Lower Upper

56 100

55 71.0 55.1 82.7



#14

Acrylonitrile

Concen: 105.052 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

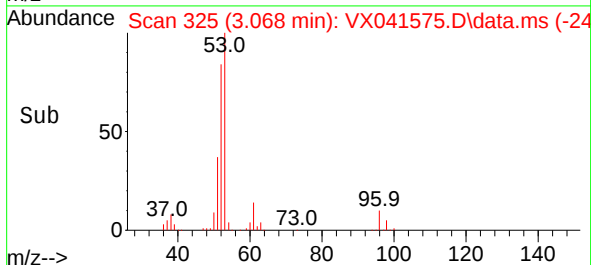
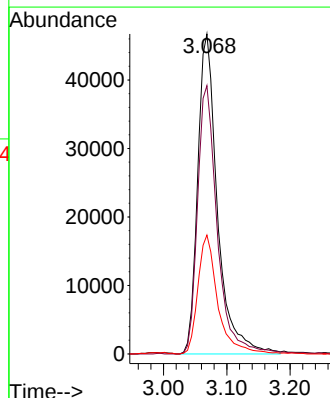
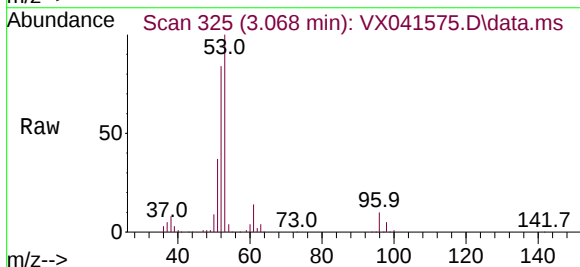
Tgt Ion: 53 Resp: 101704

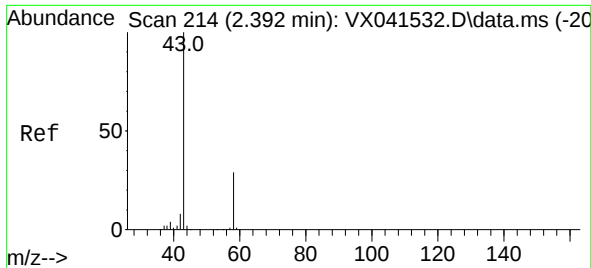
Ion Ratio Lower Upper

53 100

52 83.9 41.3 123.7

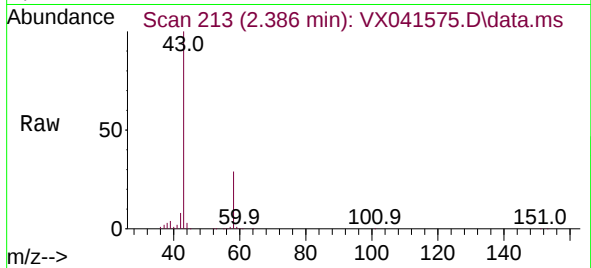
51 37.5 18.4 55.0



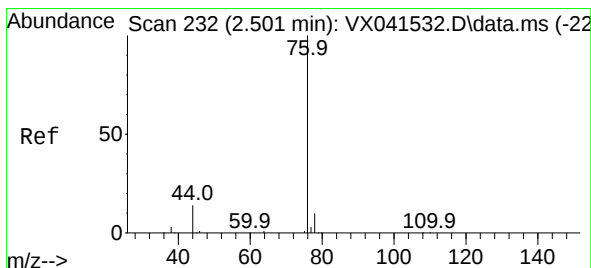
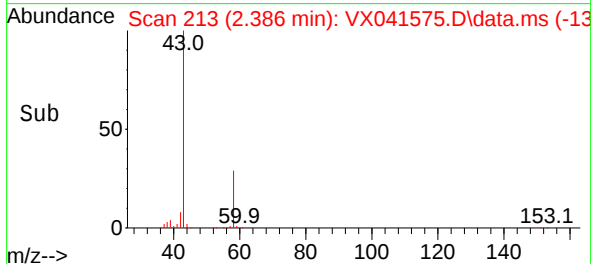
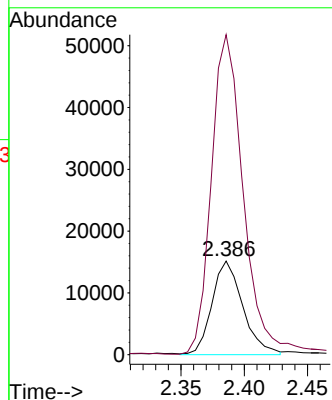


#15  
Acetone  
Concen: 99.039 ug/l  
RT: 2.386 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Instrument :  
MSVOA\_X  
ClientSampleId :

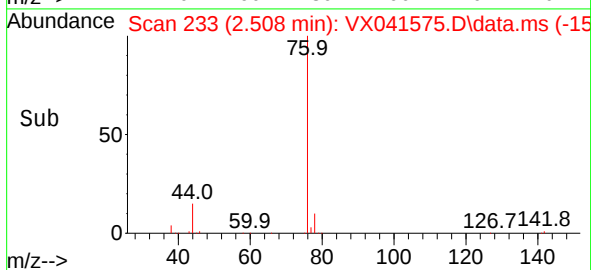
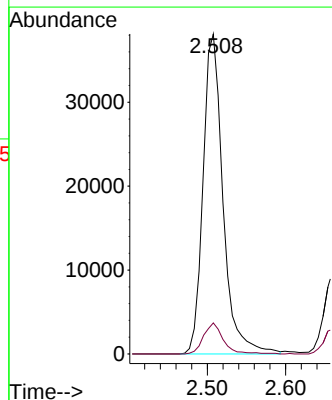
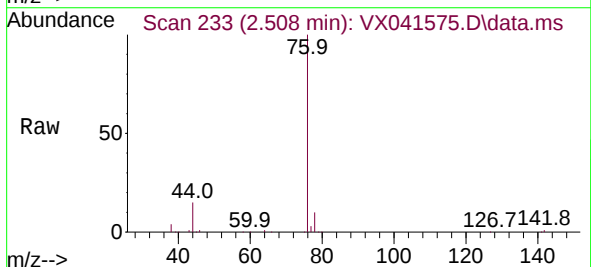


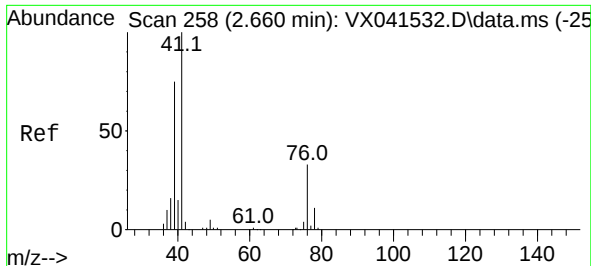
Tgt Ion: 58 Resp: 25690  
Ion Ratio Lower Upper  
58 100  
43 343.8 274.0 411.0



#16  
Carbon Disulfide  
Concen: 20.426 ug/l  
RT: 2.508 min Scan# 233  
Delta R.T. 0.006 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Tgt Ion: 76 Resp: 67427  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.6 11.4

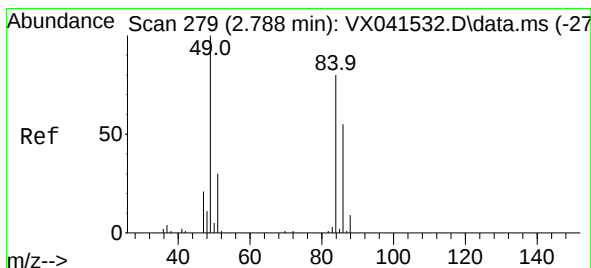
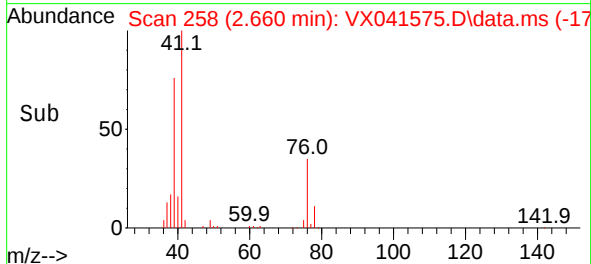
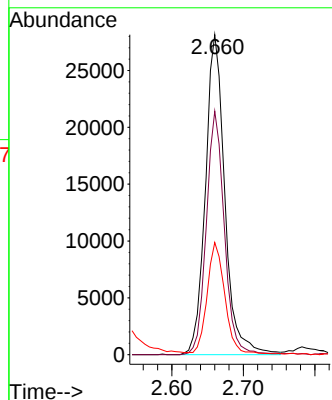
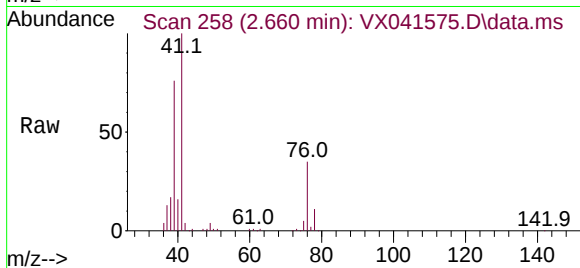




#17  
 Allyl chloride  
 Concen: 20.511 ug/l  
 RT: 2.660 min Scan# 258  
 Delta R.T. 0.000 min  
 Lab File: VX041575.D  
 Acq: 16 May 2024 19:41

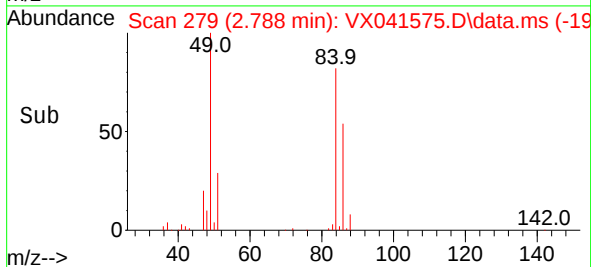
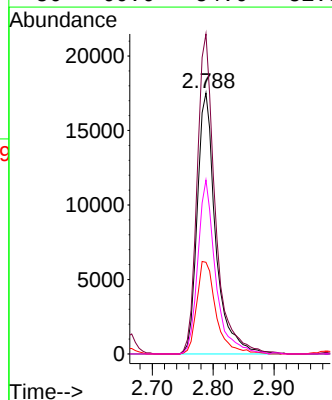
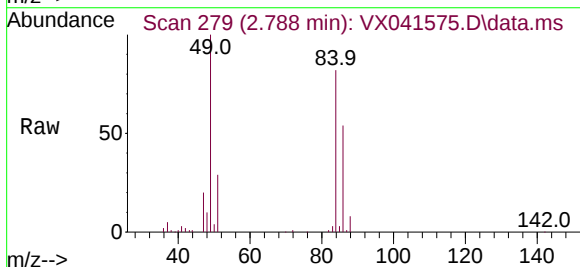
Instrument :  
 MSVOA\_X  
 ClientSampleId :

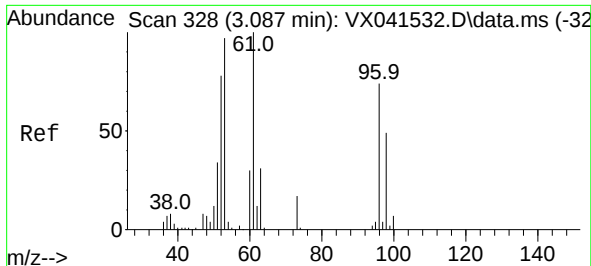
Tgt Ion: 41 Resp: 53219  
 Ion Ratio Lower Upper  
 41 100  
 39 76.1 37.5 112.7  
 76 34.7 16.6 49.8



#18  
 Methylene Chloride  
 Concen: 21.150 ug/l  
 RT: 2.788 min Scan# 279  
 Delta R.T. 0.000 min  
 Lab File: VX041575.D  
 Acq: 16 May 2024 19:41

Tgt Ion: 84 Resp: 36778  
 Ion Ratio Lower Upper  
 84 100  
 49 122.7 99.8 149.8  
 51 35.2 30.2 45.4  
 86 66.6 54.6 81.8





#19

trans-1,2-Dichloroethene

Concen: 19.501 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.000 min

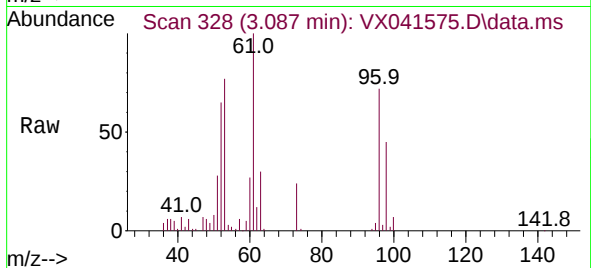
Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

ClientSampleId :



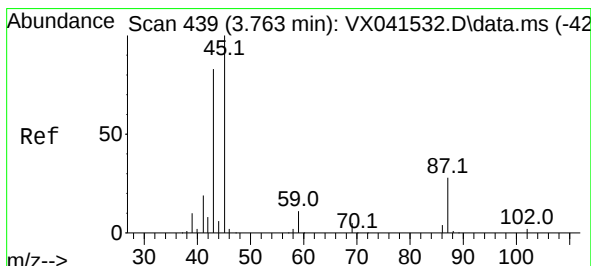
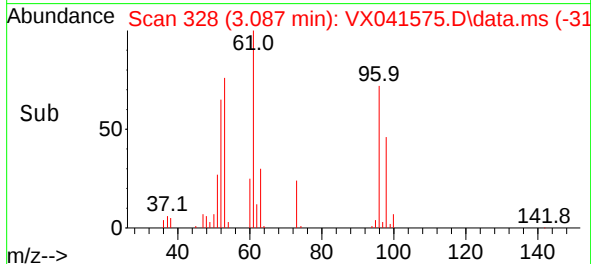
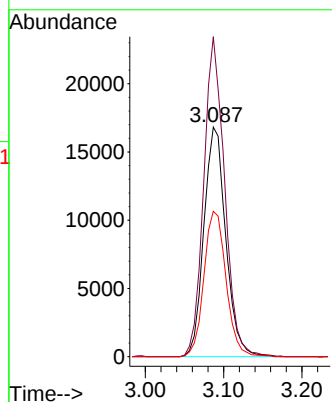
Tgt Ion: 96 Resp: 32695

Ion Ratio Lower Upper

96 100

61 139.4 107.7 161.5

98 63.4 53.1 79.7



#20

Diisopropyl ether

Concen: 20.086 ug/l

RT: 3.763 min Scan# 439

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Tgt Ion: 45 Resp: 109498

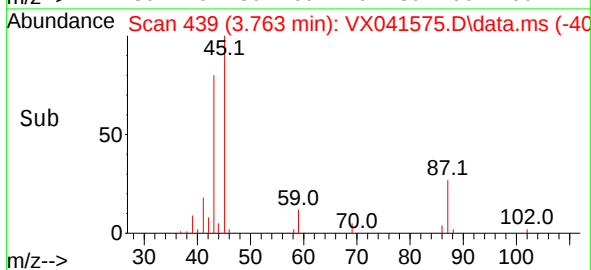
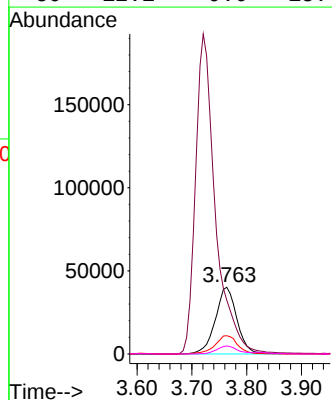
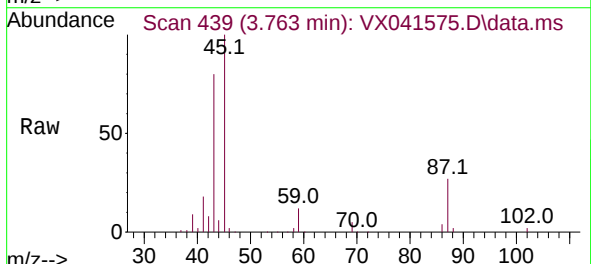
Ion Ratio Lower Upper

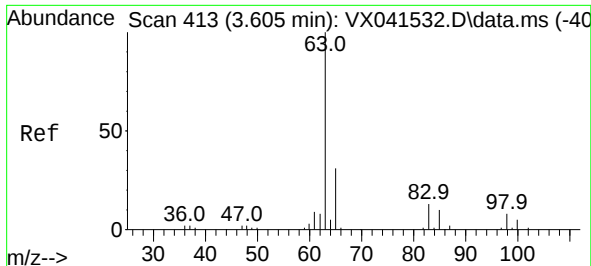
45 100

43 79.5 66.7 100.1

87 27.3 22.4 33.6

59 12.1 9.0 13.4





#21

1,1-Dichloroethane

Concen: 20.046 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041575.D

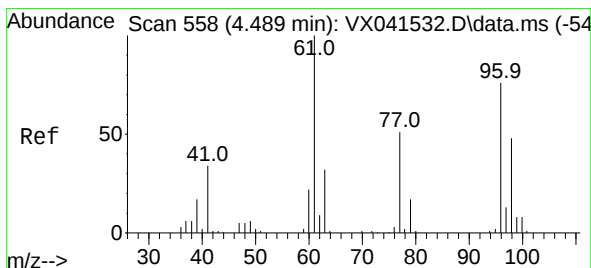
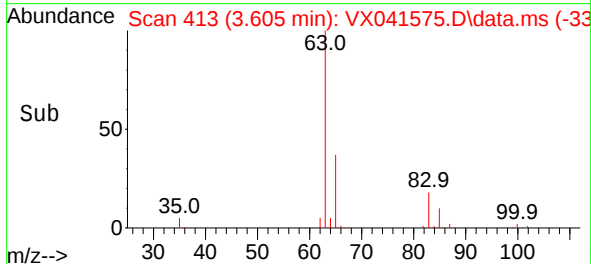
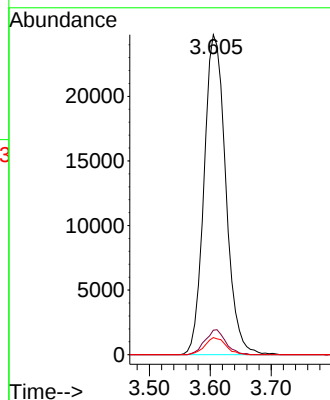
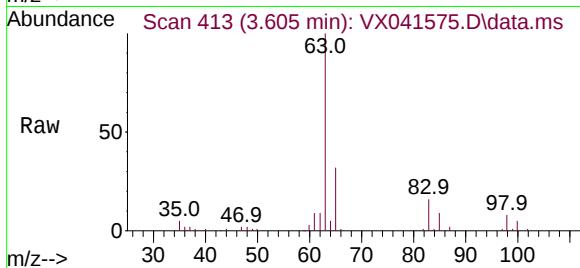
Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 63    | Resp: | 61333 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 7.6   | 3.8   | 11.4  |
| 100       | 5.3   | 2.5   | 7.4   |



#22

cis-1,2-Dichloroethene

Concen: 19.572 ug/l

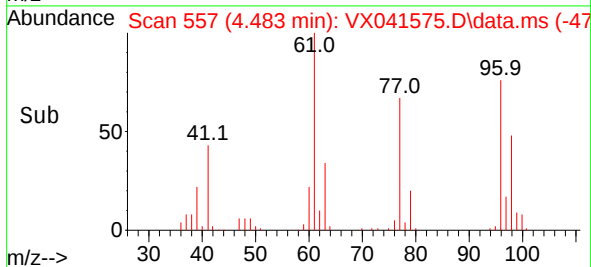
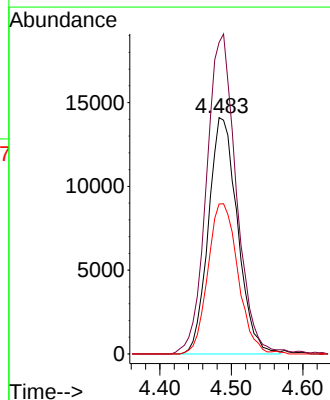
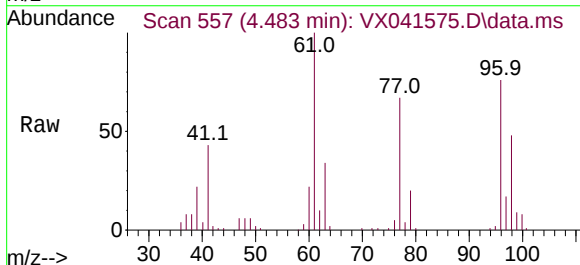
RT: 4.483 min Scan# 557

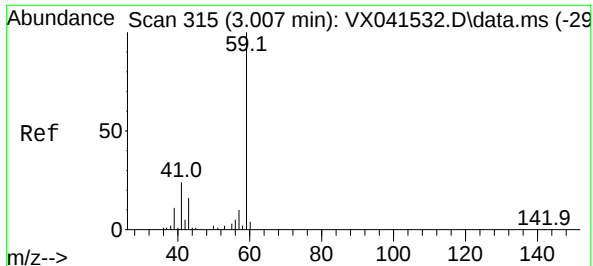
Delta R.T. -0.006 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 39874 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 137.9 | 114.2 | 171.4 |
| 98        | 65.4  | 52.6  | 79.0  |





#23

tert-Butyl Alcohol

Concen: 95.996 ug/l

RT: 2.989 min Scan# 312

Delta R.T. -0.018 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

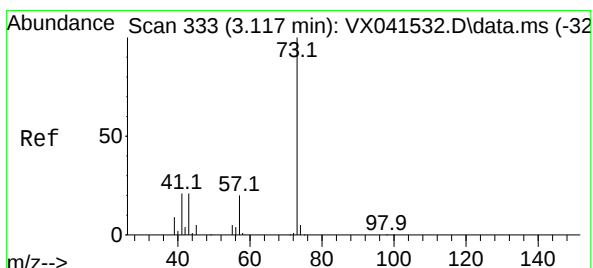
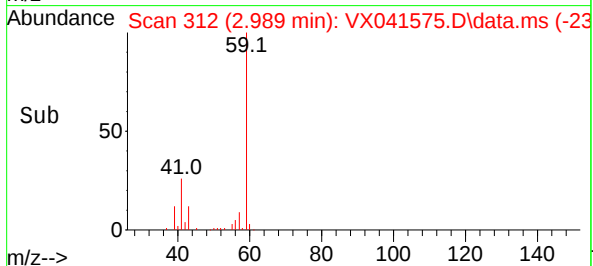
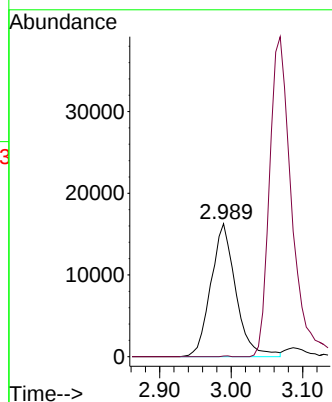
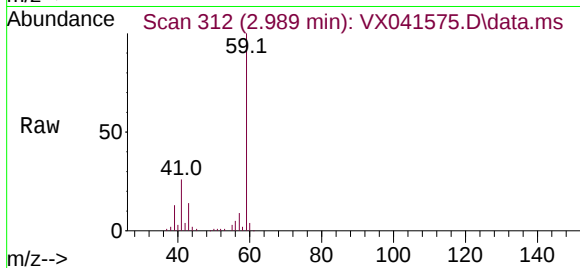
ClientSampleId :

Tgt Ion: 59 Resp: 39439

Ion Ratio Lower Upper

59 100

52 0.2 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 19.875 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX041575.D

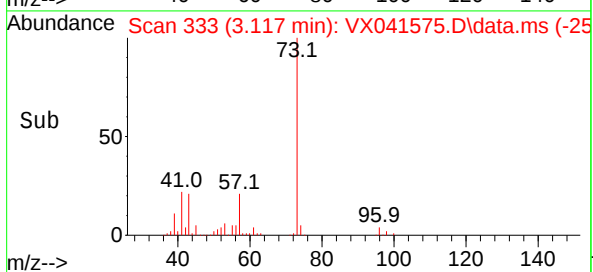
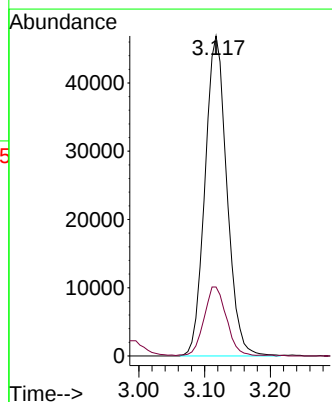
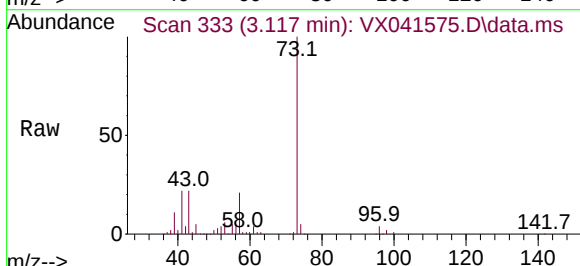
Acq: 16 May 2024 19:41

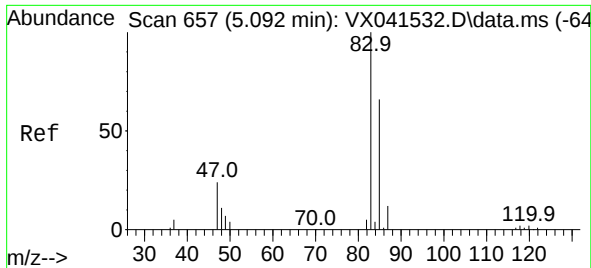
Tgt Ion: 73 Resp: 108490

Ion Ratio Lower Upper

73 100

43 21.9 17.2 25.8





#25

Chloroform

Concen: 20.138 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

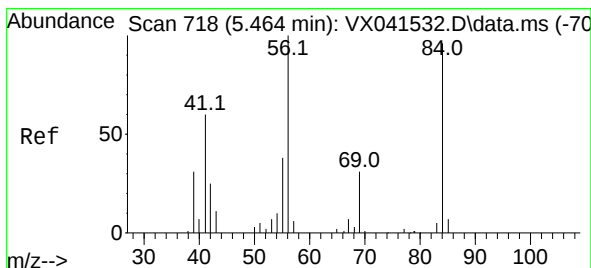
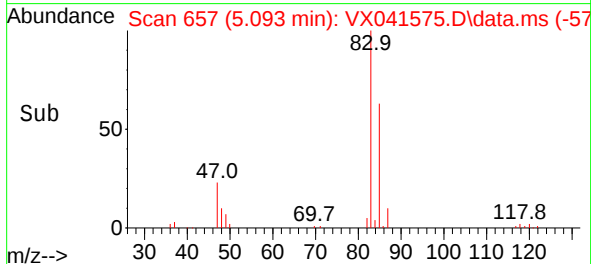
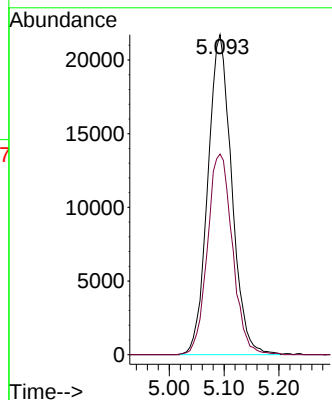
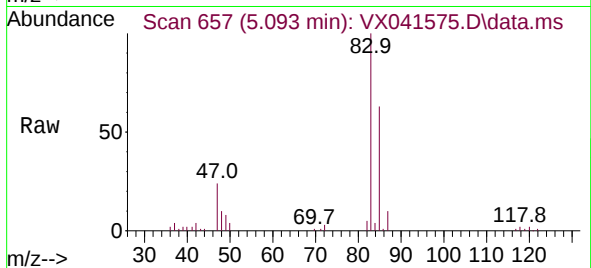
ClientSampleId :

Tgt Ion: 83 Resp: 65638

Ion Ratio Lower Upper

83 100

85 62.4 52.9 79.3



#26

Cyclohexane

Concen: 19.589 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

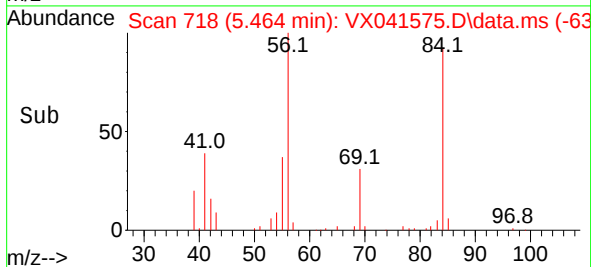
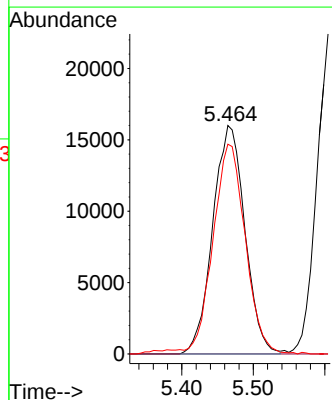
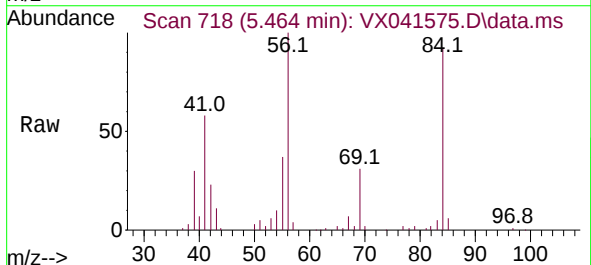
Tgt Ion: 56 Resp: 49980

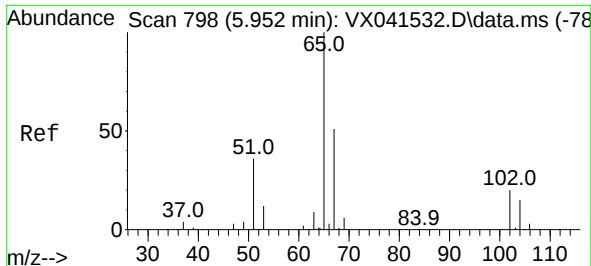
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.7 74.0 111.0

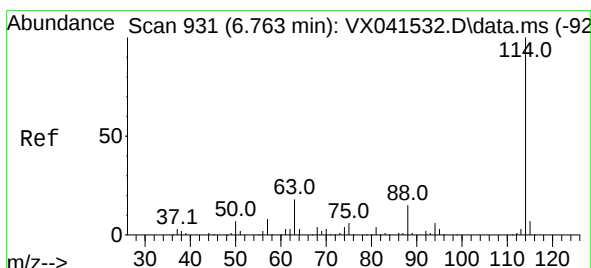
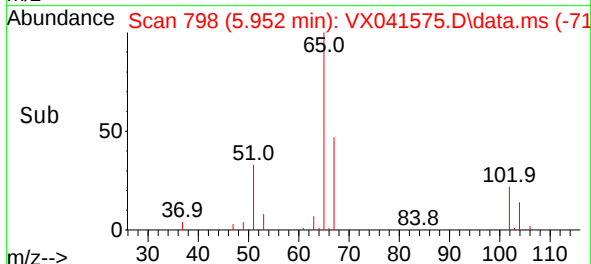
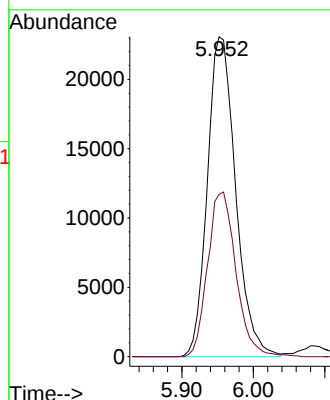
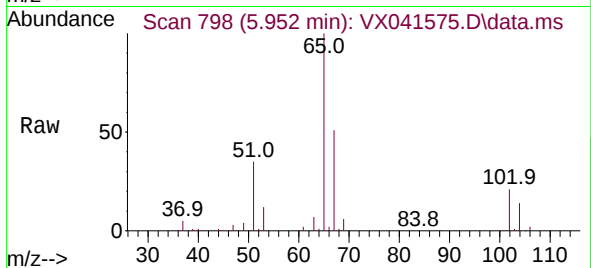




#27  
 1,2-Dichloroethane-d4  
 Concen: 28.188 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. 0.000 min  
 Lab File: VX041575.D  
 Acq: 16 May 2024 19:41

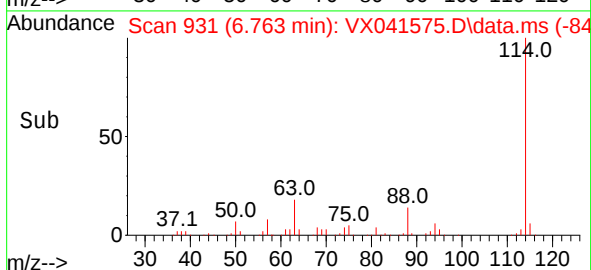
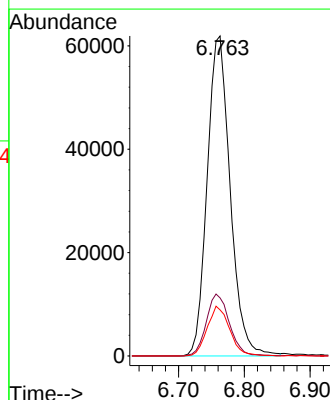
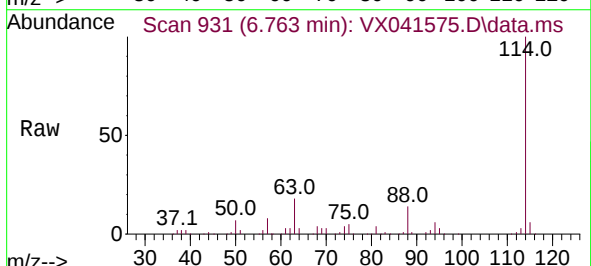
Instrument :  
 MSVOA\_X  
 ClientSampleId :

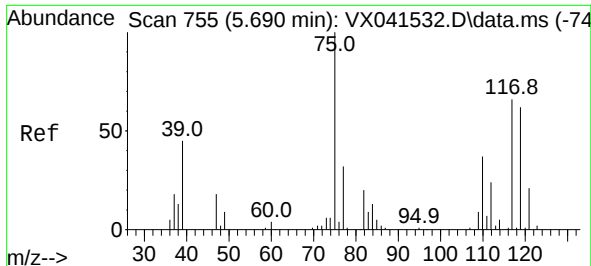
Tgt Ion: 65 Resp: 63435  
 Ion Ratio Lower Upper  
 65 100  
 67 51.6 40.8 61.2



#28  
 1,4-Difluorobenzene  
 Concen: 30.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX041575.D  
 Acq: 16 May 2024 19:41

Tgt Ion: 114 Resp: 150881  
 Ion Ratio Lower Upper  
 114 100  
 63 19.2 15.4 23.0  
 88 15.2 12.2 18.2

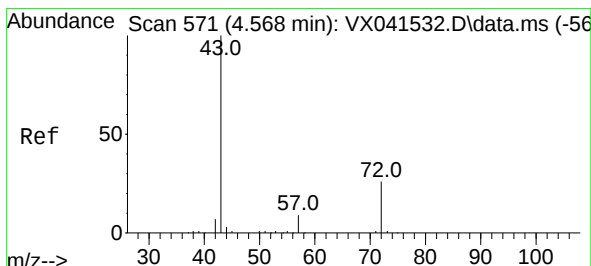
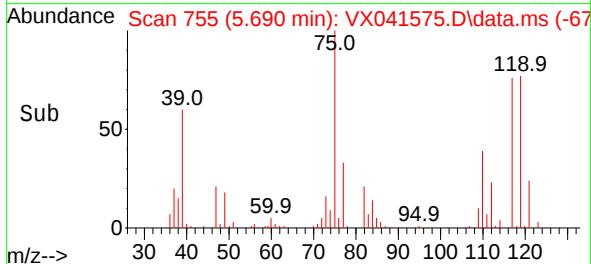
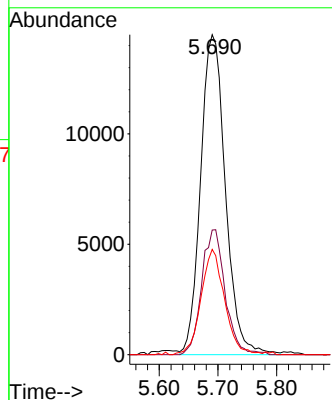
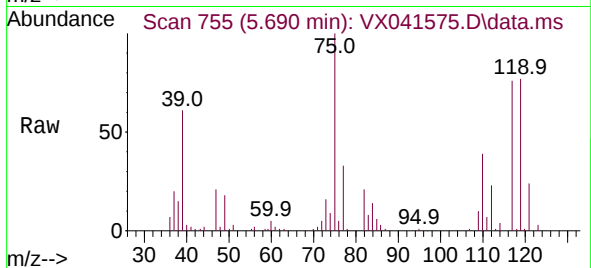




#29  
1,1-Dichloropropene  
Concen: 21.286 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

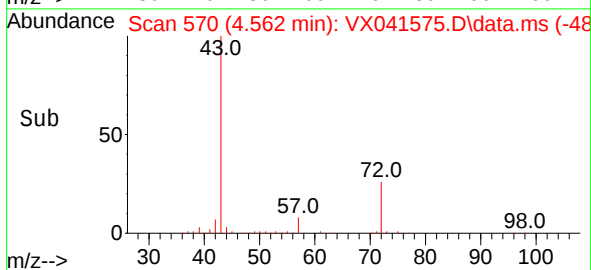
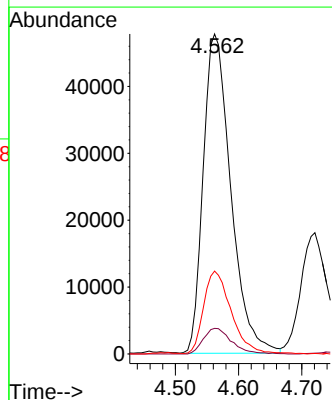
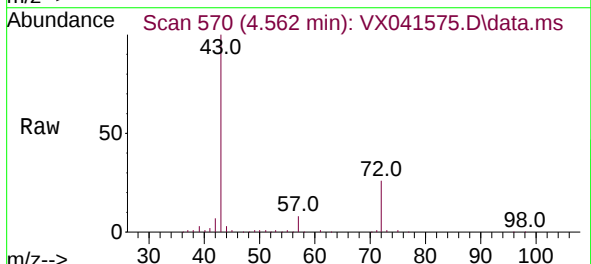
Instrument :  
MSVOA\_X  
ClientSampleId :

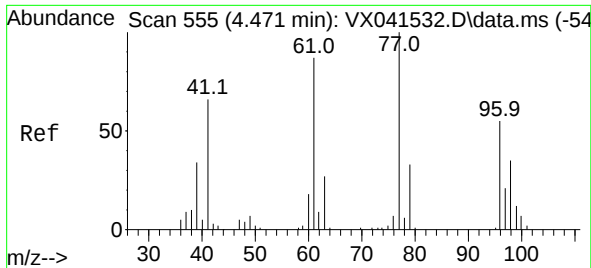
Tgt Ion: 75 Resp: 42485  
Ion Ratio Lower Upper  
75 100  
110 36.5 0.0 74.4  
77 31.0 0.0 62.6



#30  
2-Butanone  
Concen: 109.362 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. -0.006 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Tgt Ion: 43 Resp: 144879  
Ion Ratio Lower Upper  
43 100  
57 8.1 6.6 10.0  
72 26.0 20.7 31.1





#31

2,2-Dichloropropane

Concen: 19.271 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

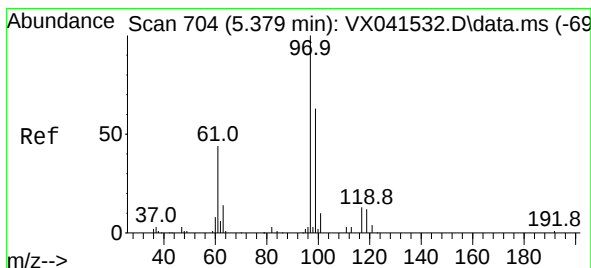
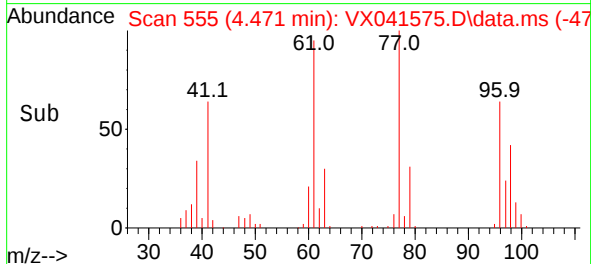
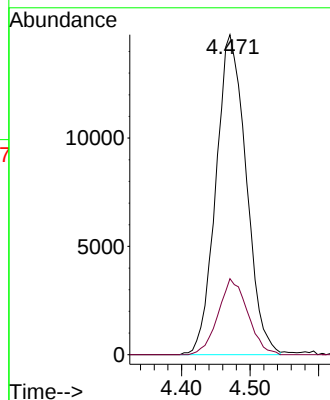
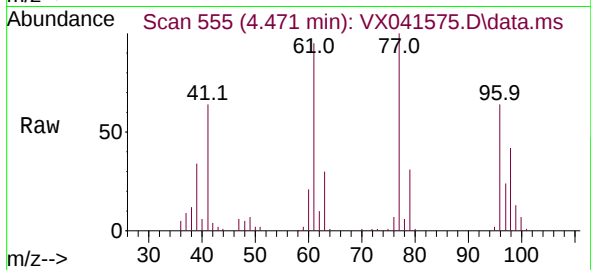
ClientSampleId :

Tgt Ion: 77 Resp: 45140

Ion Ratio Lower Upper

77 100

97 23.3 18.0 27.0



#32

1,1,1-Trichloroethane

Concen: 20.161 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

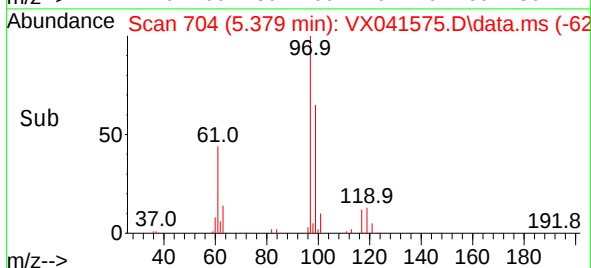
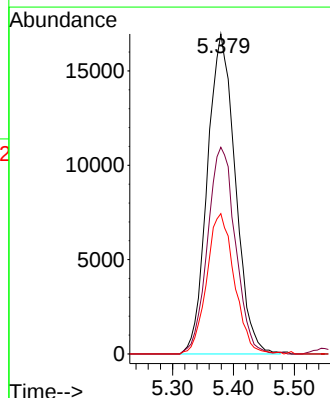
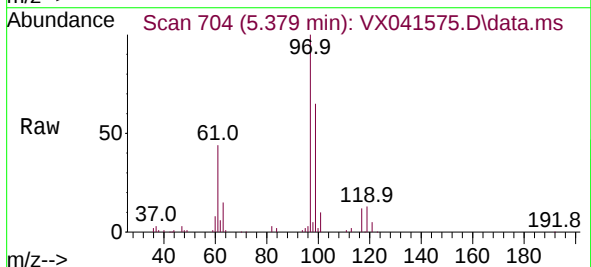
Tgt Ion: 97 Resp: 53991

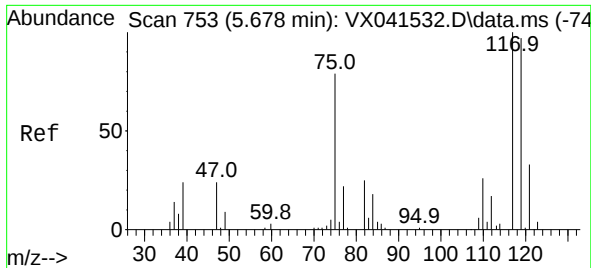
Ion Ratio Lower Upper

97 100

99 64.6 50.7 76.1

61 43.4 34.6 51.8





#33

Carbon Tetrachloride

Concen: 21.186 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

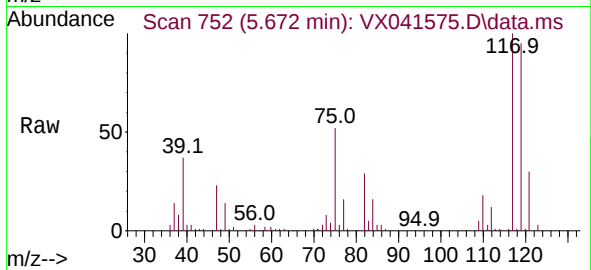
Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

ClientSampleId :



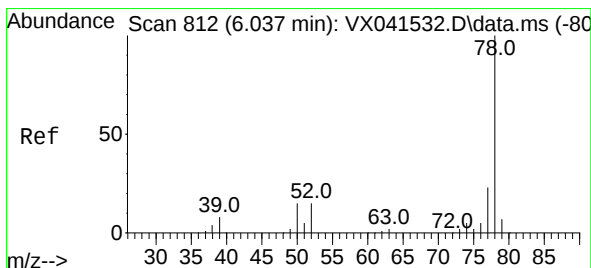
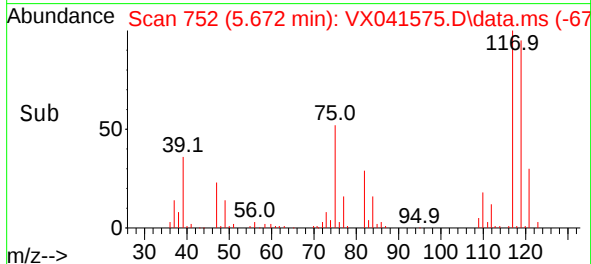
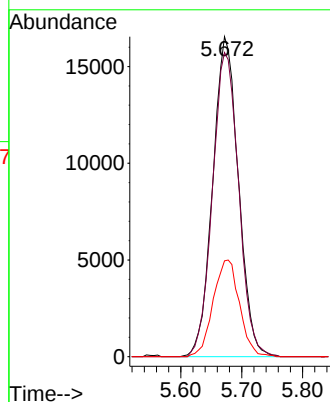
Tgt Ion:117 Resp: 48545

Ion Ratio Lower Upper

117 100

119 95.1 77.4 116.2

121 30.0 26.4 39.6



#34

Benzene

Concen: 21.550 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

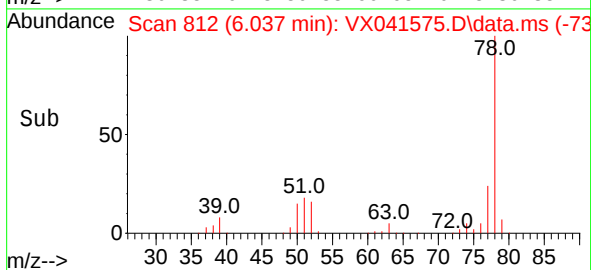
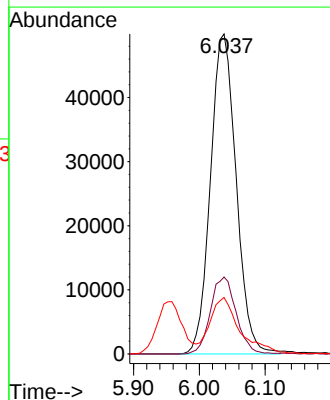
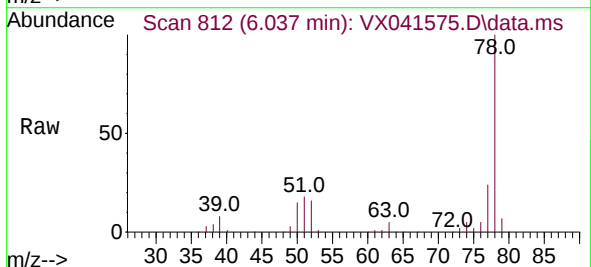
Tgt Ion: 78 Resp: 135835

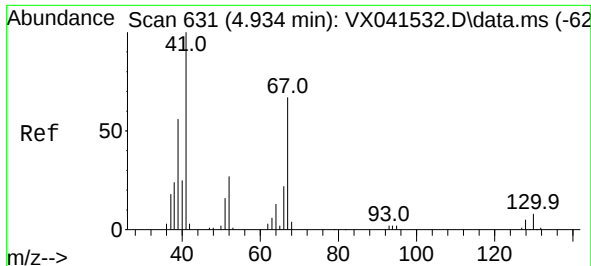
Ion Ratio Lower Upper

78 100

77 24.1 18.6 28.0

51 17.0 12.4 18.6





#35

Methacrylonitrile

Concen: 22.356 ug/l

RT: 4.916 min Scan# 61

Delta R.T. -0.018 min

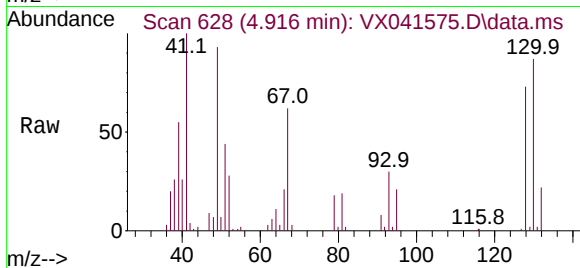
Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

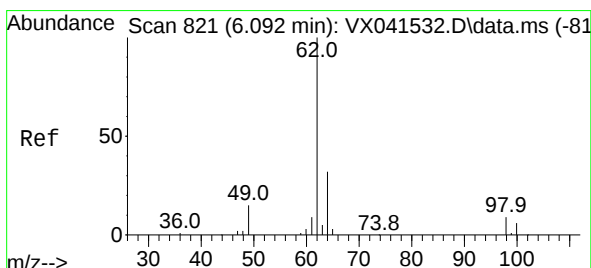
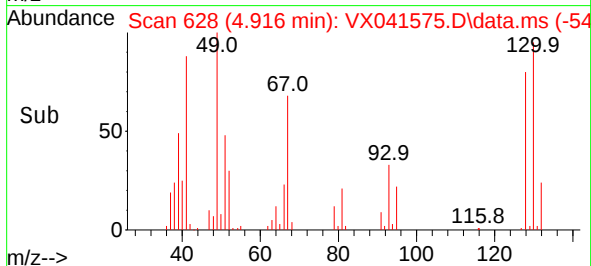
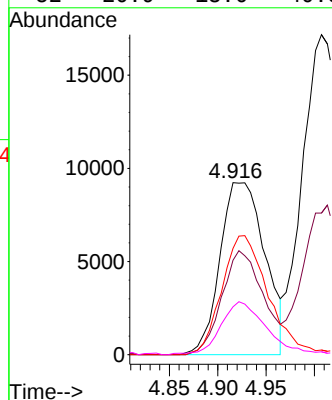
MSVOA\_X

ClientSampleId :



Tgt Ion: 41 Resp: 29876

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.9  | 28.1  | 84.4  |
| 67  | 61.7  | 33.7  | 101.1 |
| 52  | 26.9  | 13.6  | 40.8  |



#36

1,2-Dichloroethane

Concen: 21.767 ug/l

RT: 6.086 min Scan# 820

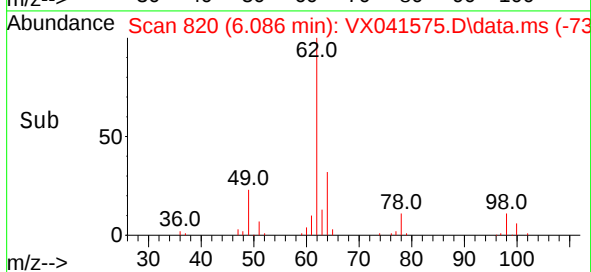
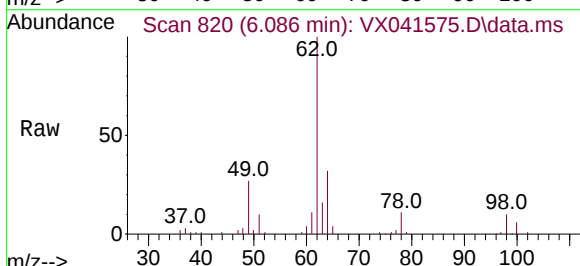
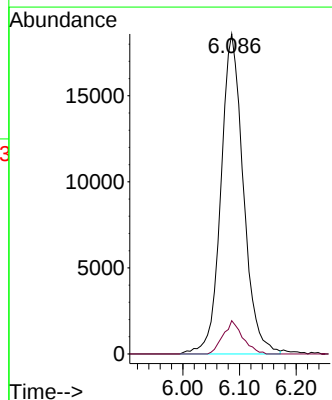
Delta R.T. -0.006 min

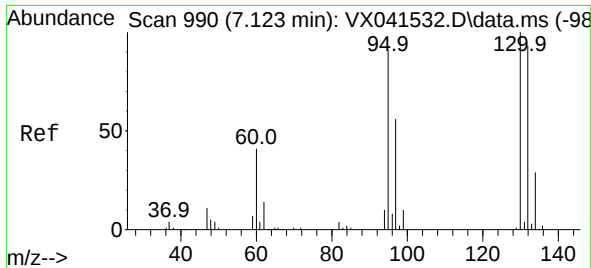
Lab File: VX041575.D

Acq: 16 May 2024 19:41

Tgt Ion: 62 Resp: 51201

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.1   | 7.4   | 11.0  |

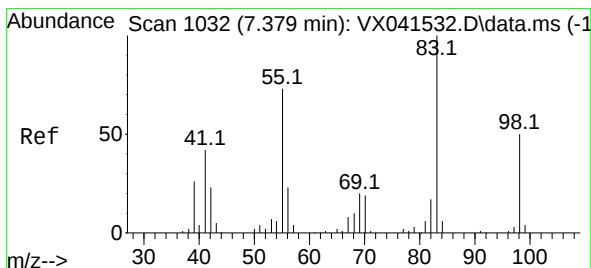
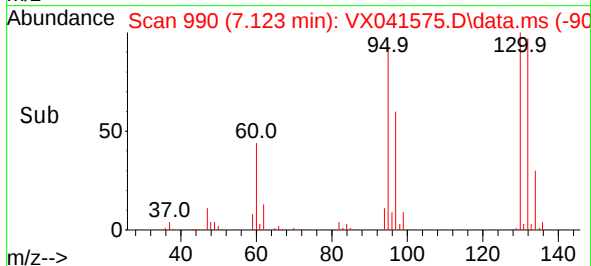
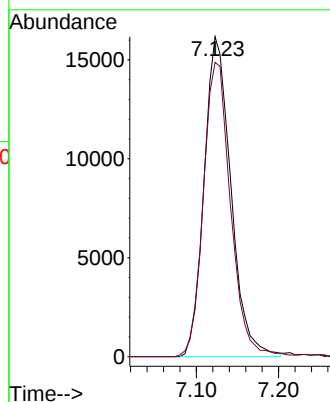
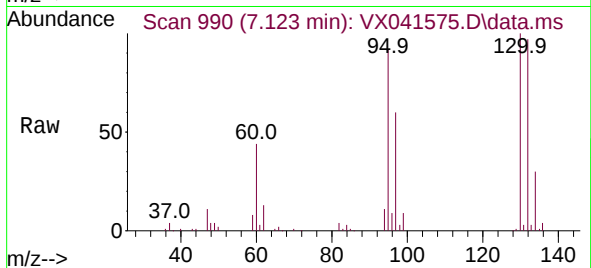




#37  
Trichloroethene  
Concen: 20.813 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

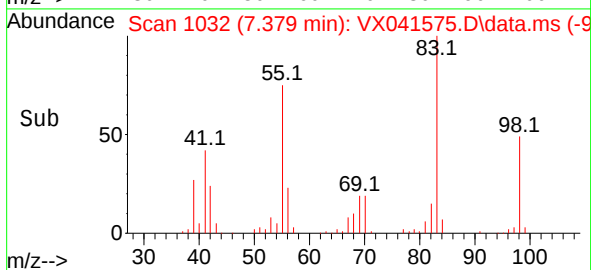
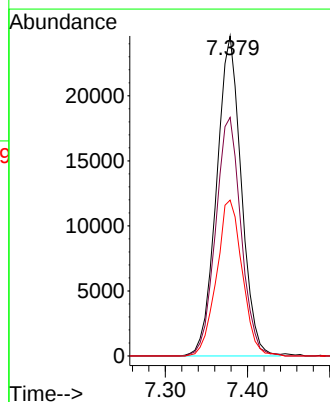
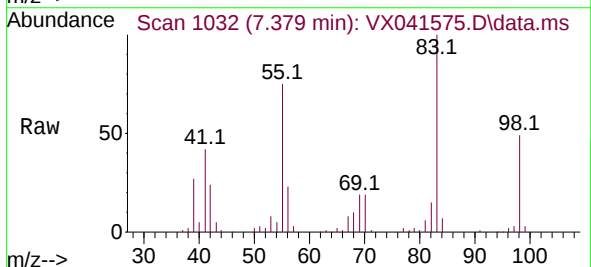
Instrument :  
MSVOA\_X  
ClientSampleId :

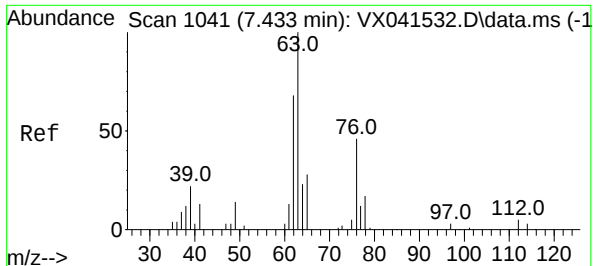
Tgt Ion:130 Resp: 36553  
Ion Ratio Lower Upper  
130 100  
95 91.4 72.6 108.8



#38  
Methylcyclohexane  
Concen: 20.320 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Tgt Ion: 83 Resp: 51496  
Ion Ratio Lower Upper  
83 100  
55 76.3 37.7 113.1  
98 50.6 25.1 75.3

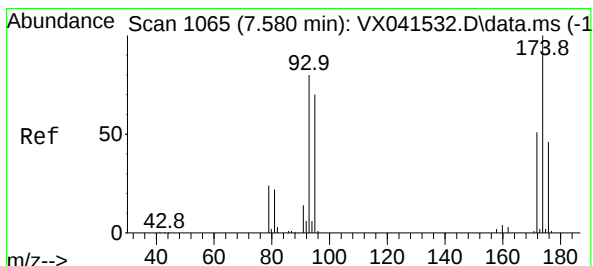
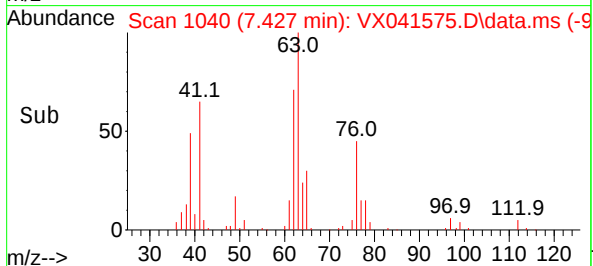
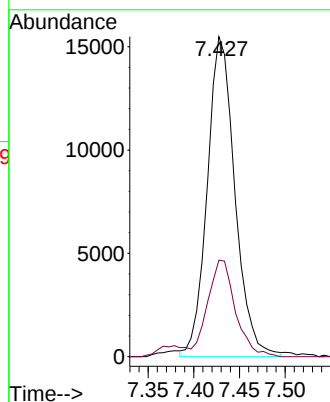
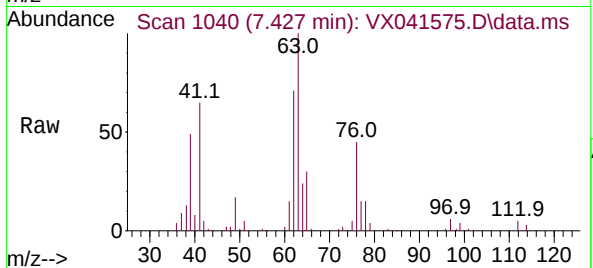




#39  
1,2-Dichloropropane  
Concen: 21.886 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

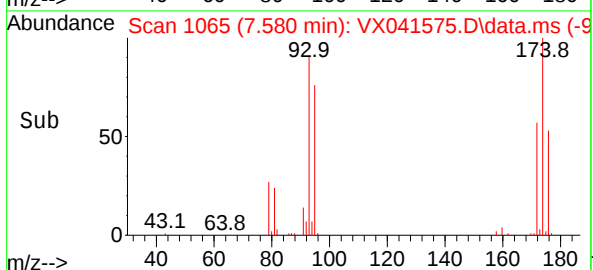
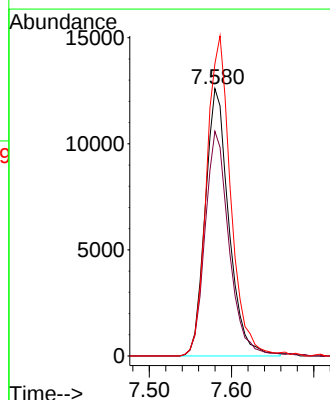
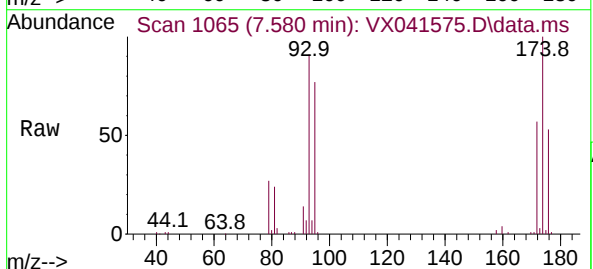
Instrument :  
MSVOA\_X  
ClientSampleId :

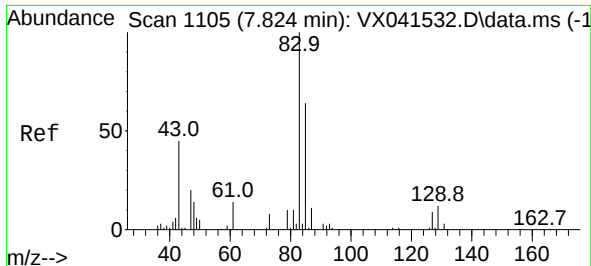
Tgt Ion: 63 Resp: 32611  
Ion Ratio Lower Upper  
63 100  
65 30.6 24.2 36.2



#40  
Dibromomethane  
Concen: 21.457 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

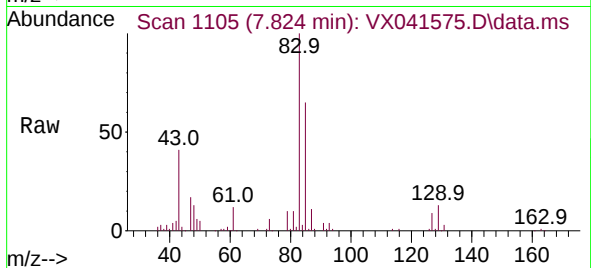
Tgt Ion: 93 Resp: 25162  
Ion Ratio Lower Upper  
93 100  
95 85.2 0.0 168.6  
174 121.2 0.0 249.8



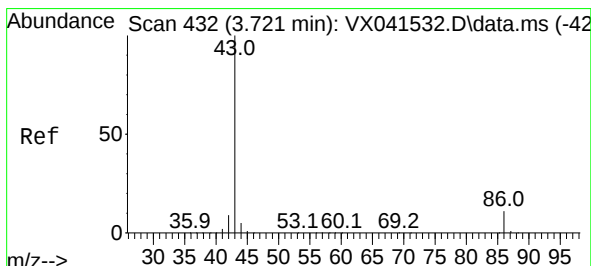
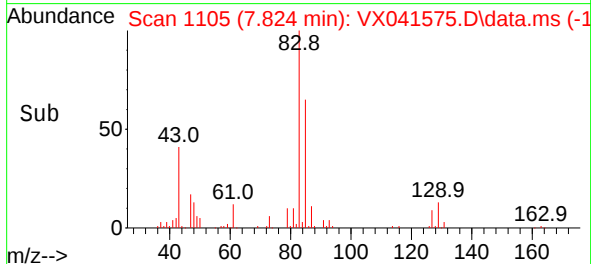
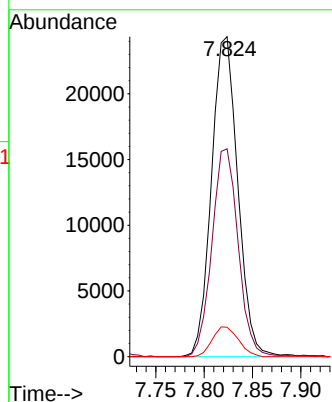


#41  
Bromodichloromethane  
Concen: 20.914 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Instrument :  
MSVOA\_X  
ClientSampleId :

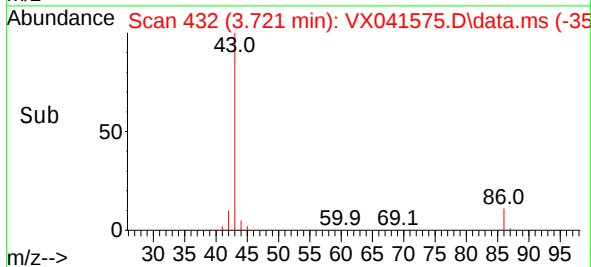
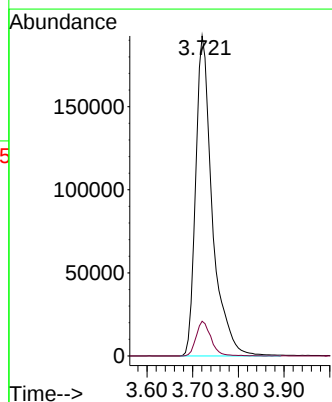
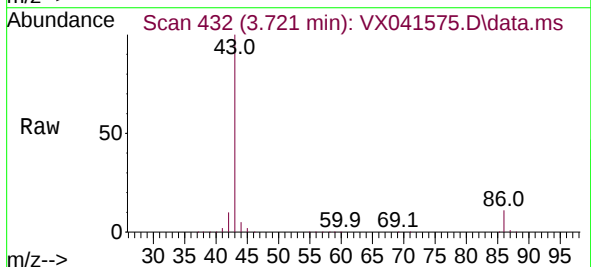


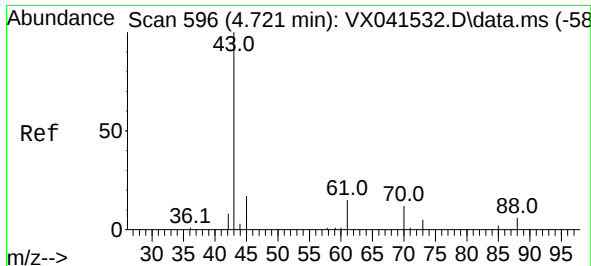
Tgt Ion: 83 Resp: 46045  
Ion Ratio Lower Upper  
83 100  
85 64.9 51.0 76.4  
127 9.2 7.1 10.7



#42  
Vinyl Acetate  
Concen: 105.965 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Tgt Ion: 43 Resp: 487052  
Ion Ratio Lower Upper  
43 100  
86 9.6 7.8 11.6





#43

Ethyl Acetate

Concen: 20.865 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

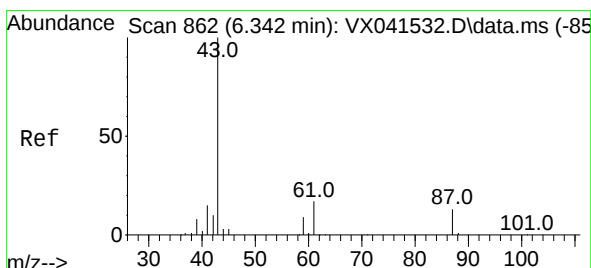
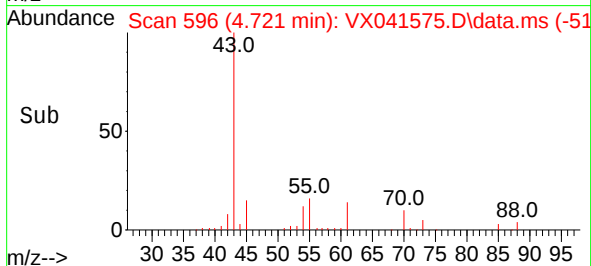
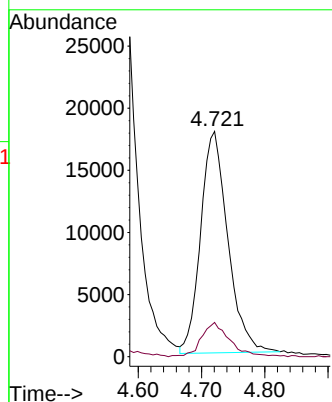
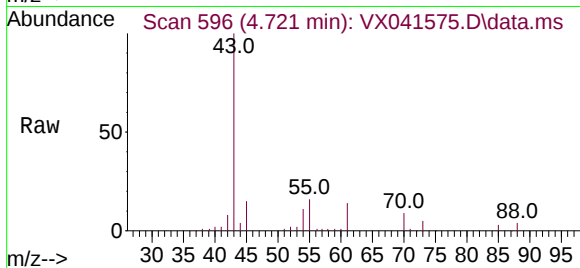
ClientSampleId :

Tgt Ion: 43 Resp: 53333

Ion Ratio Lower Upper

43 100

45 14.8 11.9 17.9



#44

Isopropyl Acetate

Concen: 21.493 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX041575.D

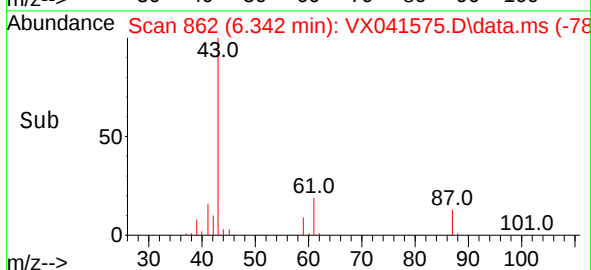
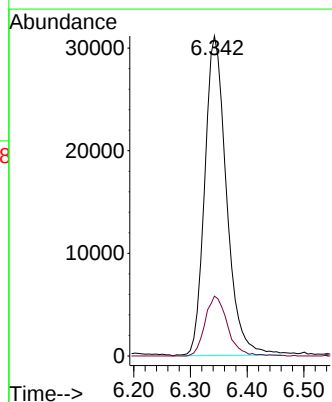
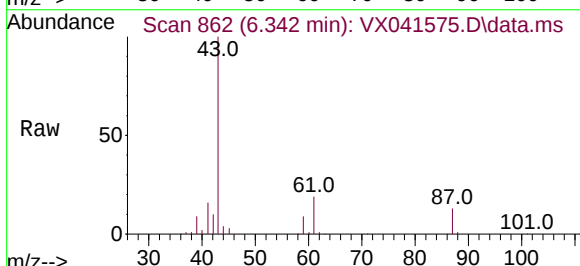
Acq: 16 May 2024 19:41

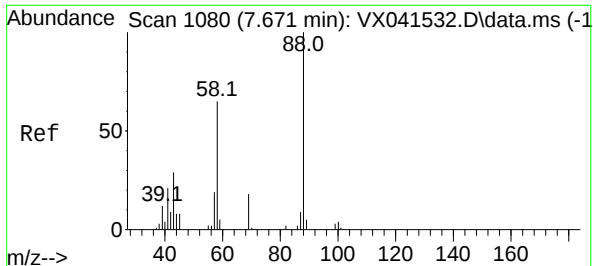
Tgt Ion: 43 Resp: 83048

Ion Ratio Lower Upper

43 100

61 19.0 15.3 22.9





#45

1,4-Dioxane

Concen: 321.712 ug/l

RT: 7.671 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

ClientSampleId :

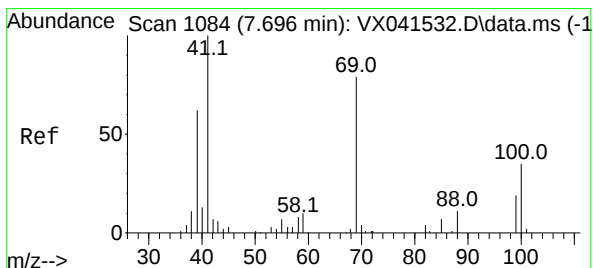
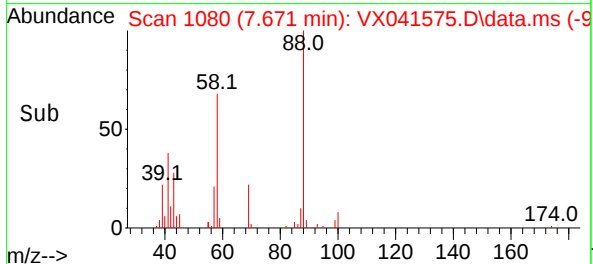
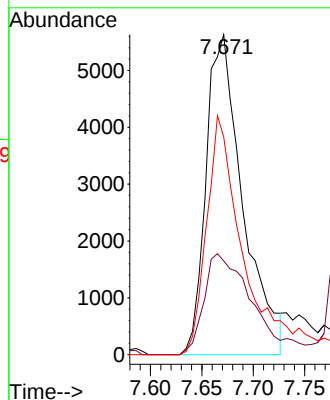
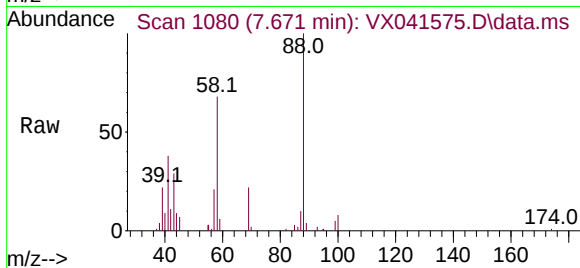
Tgt Ion: 88 Resp: 14019

Ion Ratio Lower Upper

88 100

43 39.0 24.9 37.3#

58 71.5 47.0 70.4#



#46

Methyl methacrylate

Concen: 20.877 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

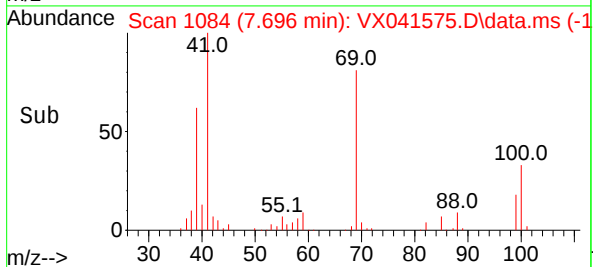
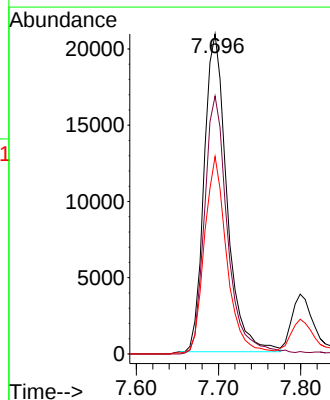
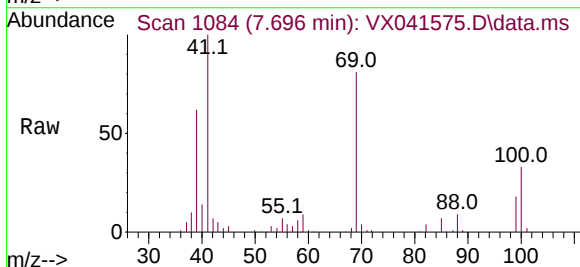
Tgt Ion: 41 Resp: 40135

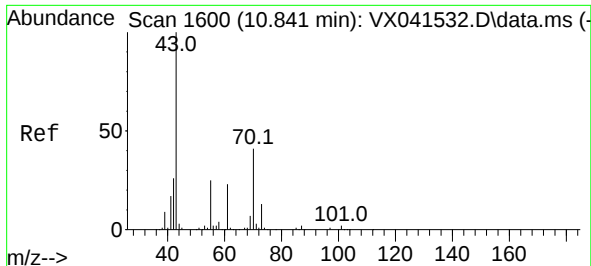
Ion Ratio Lower Upper

41 100

69 81.2 39.6 119.0

39 61.8 30.9 92.8





#47

n-amyl acetate

Concen: 20.808 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

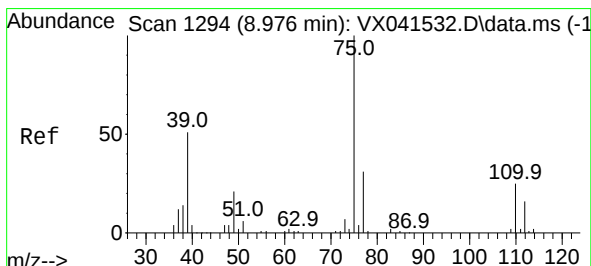
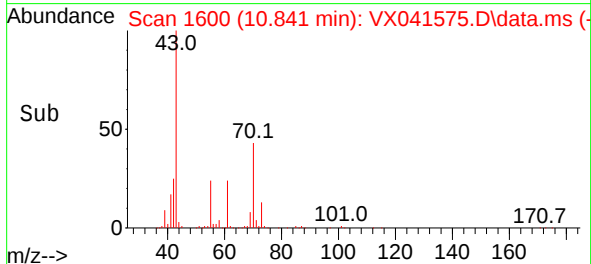
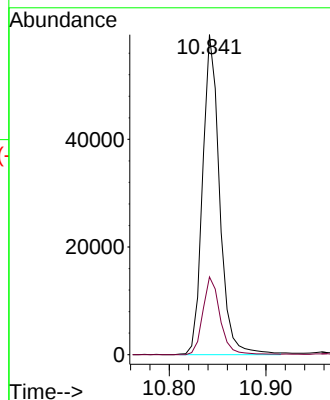
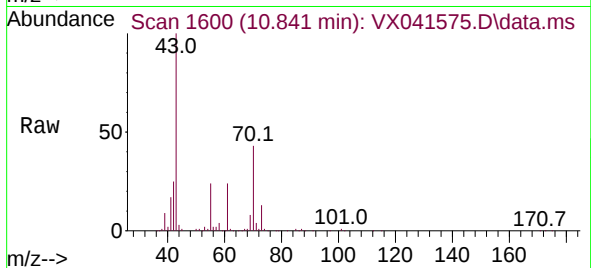
ClientSampleId :

Tgt Ion: 43 Resp: 72909

Ion Ratio Lower Upper

43 100

55 24.6 19.4 29.0



#48

t-1,3-Dichloropropene

Concen: 20.002 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041575.D

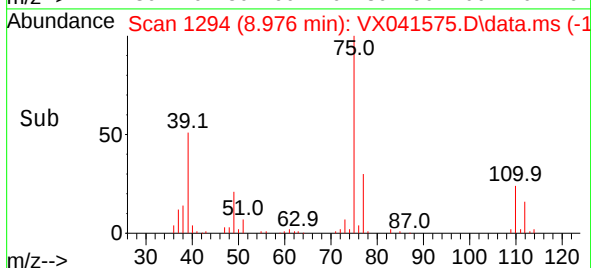
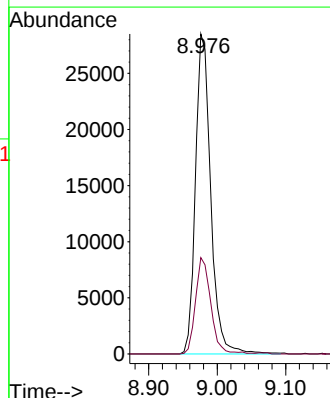
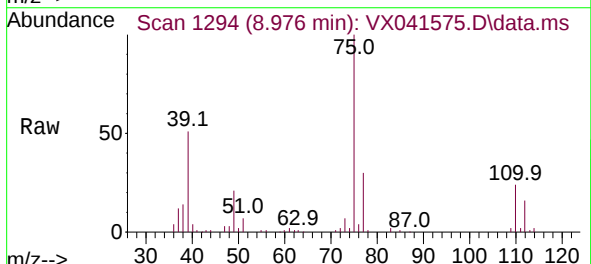
Acq: 16 May 2024 19:41

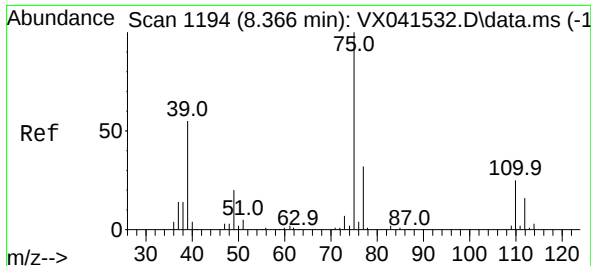
Tgt Ion: 75 Resp: 44224

Ion Ratio Lower Upper

75 100

77 30.1 24.5 36.7

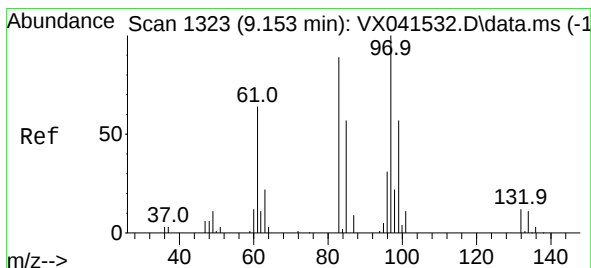
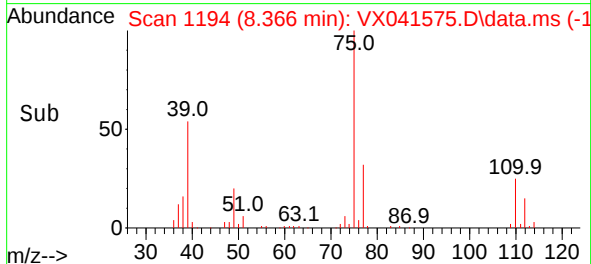
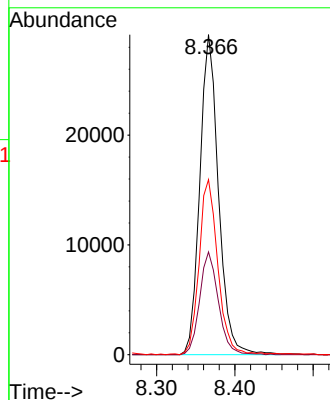
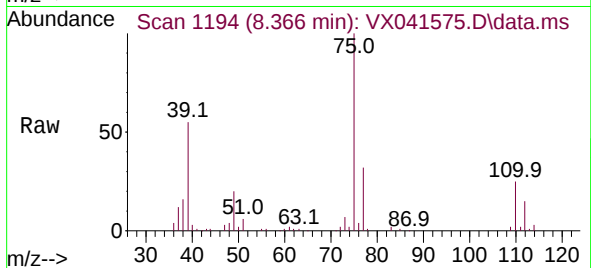




#49  
cis-1,3-Dichloropropene  
Concen: 20.203 ug/l  
RT: 8.366 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

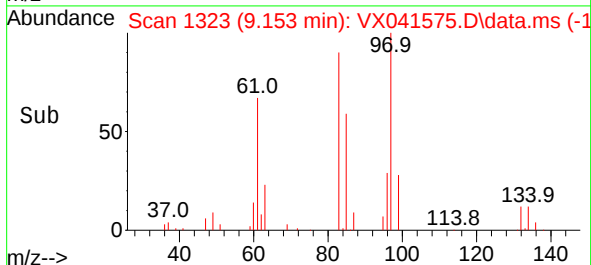
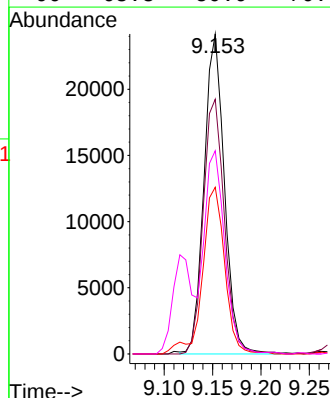
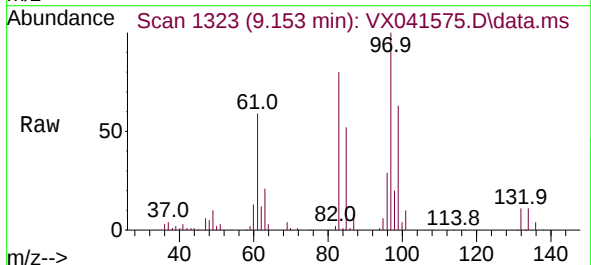
Instrument :  
MSVOA\_X  
ClientSampleId :

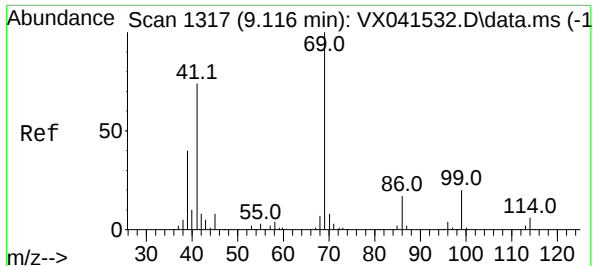
Tgt Ion: 75 Resp: 48381  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.8 38.8  
39 54.7 43.6 65.4



#50  
1,1,2-Trichloroethane  
Concen: 21.737 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Tgt Ion: 97 Resp: 35460  
Ion Ratio Lower Upper  
97 100  
83 79.8 71.3 106.9  
85 52.2 45.7 68.5  
99 63.3 50.9 76.3





#51

Ethyl methacrylate

Concen: 20.873 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

ClientSampleId :

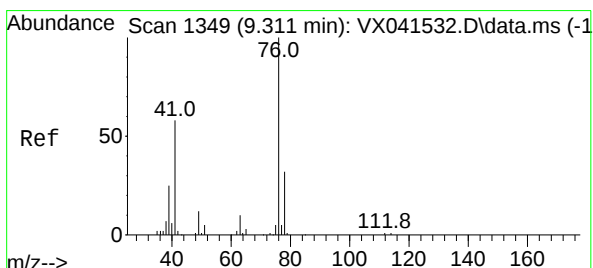
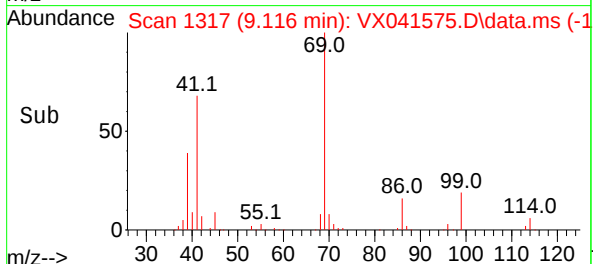
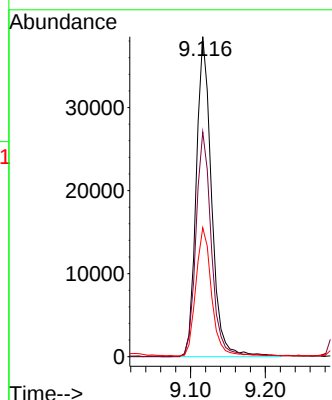
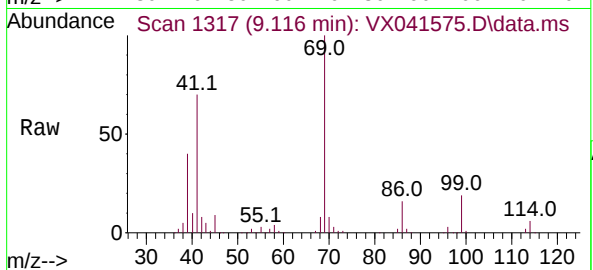
Tgt Ion: 69 Resp: 54809

Ion Ratio Lower Upper

69 100

41 70.1 37.1 111.3

39 40.1 20.2 60.6



#52

1,3-Dichloropropane

Concen: 21.752 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. -0.006 min

Lab File: VX041575.D

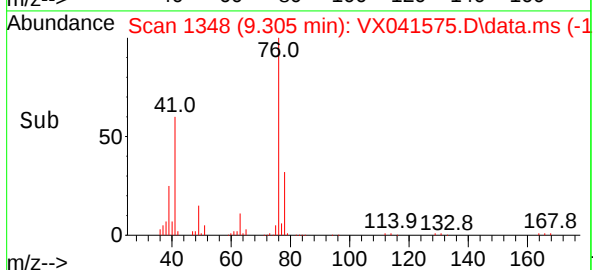
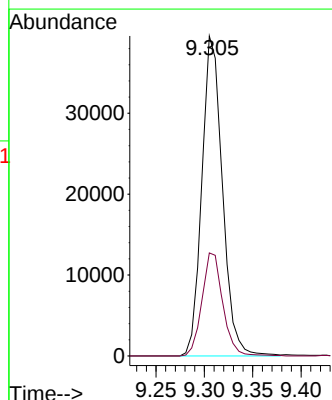
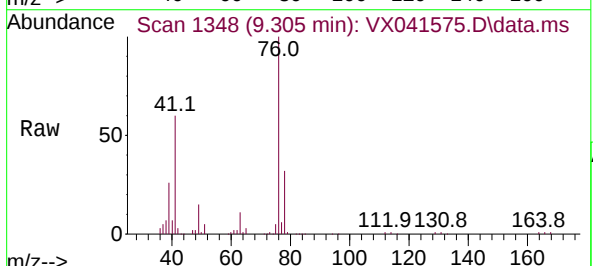
Acq: 16 May 2024 19:41

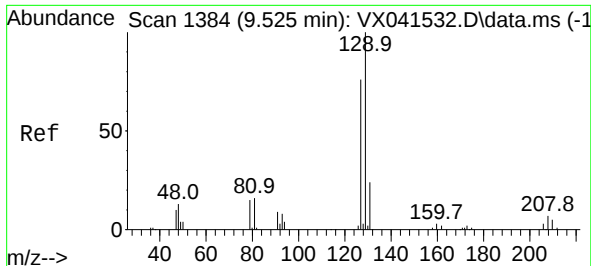
Tgt Ion: 76 Resp: 58637

Ion Ratio Lower Upper

76 100

78 32.7 0.0 64.4





#53

Dibromochloromethane

Concen: 20.922 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

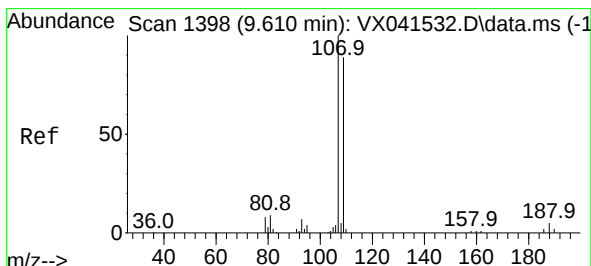
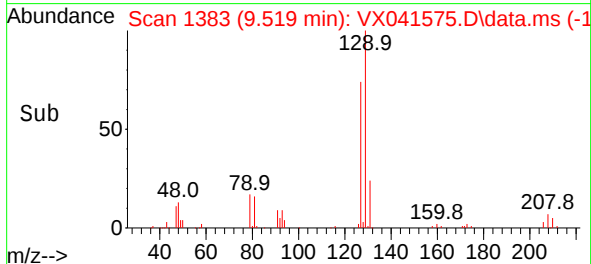
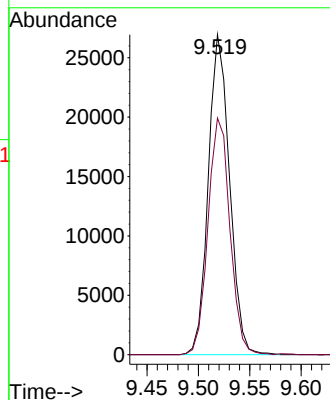
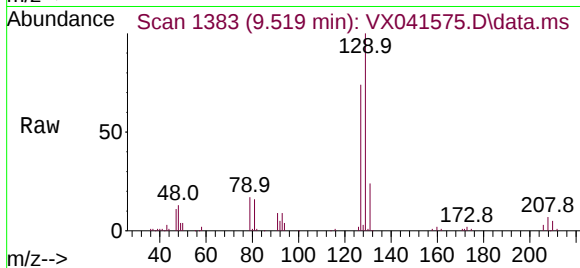
ClientSampleId :

Tgt Ion:129 Resp: 38834

Ion Ratio Lower Upper

129 100

127 76.1 38.9 116.7



#54

1,2-Dibromoethane

Concen: 21.500 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX041575.D

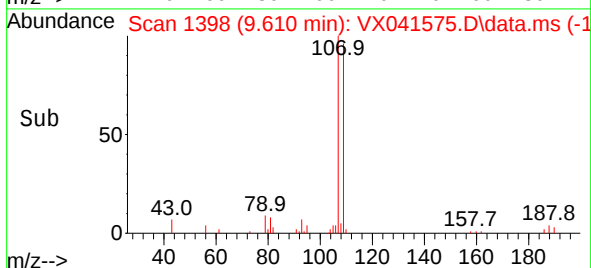
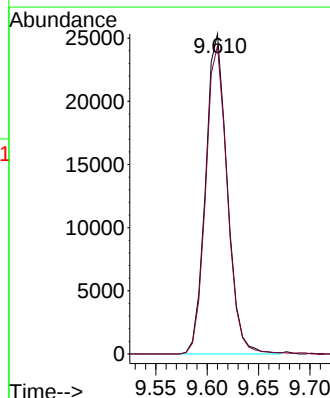
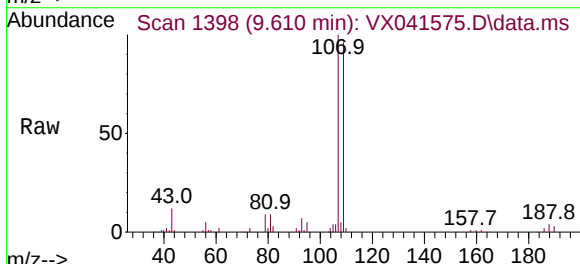
Acq: 16 May 2024 19:41

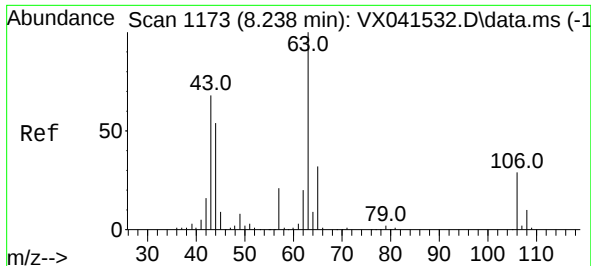
Tgt Ion:107 Resp: 37193

Ion Ratio Lower Upper

107 100

109 96.1 75.3 112.9

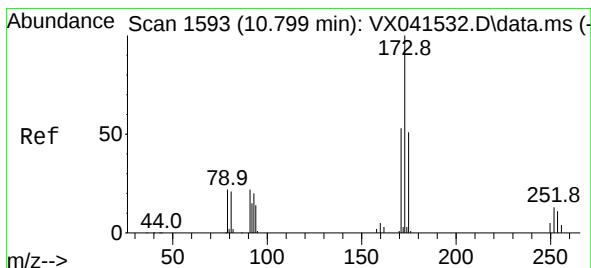
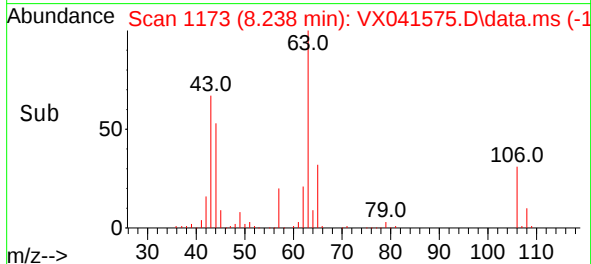
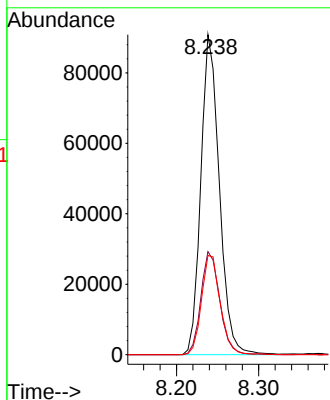
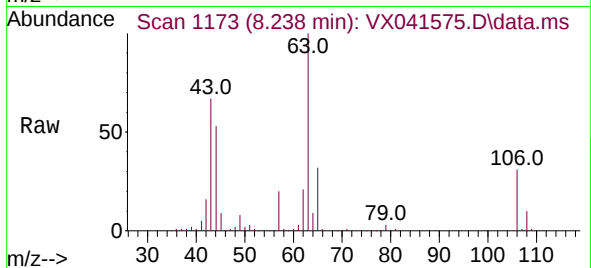




#55  
2-Chloroethyl vinyl ether  
Concen: 110.884 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

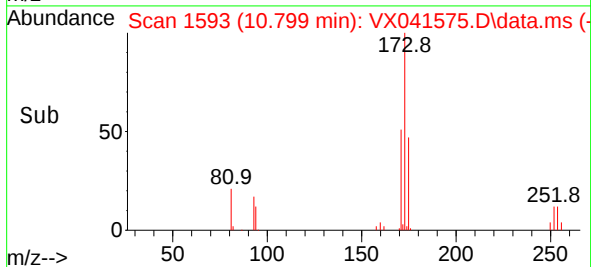
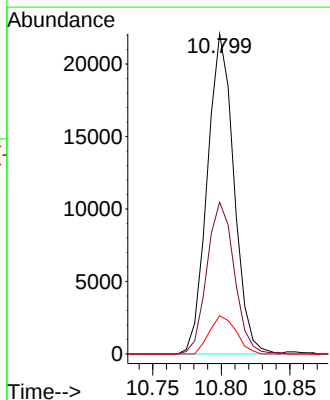
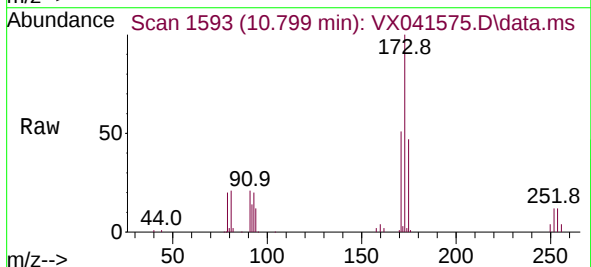
Instrument :  
MSVOA\_X  
ClientSampleId :

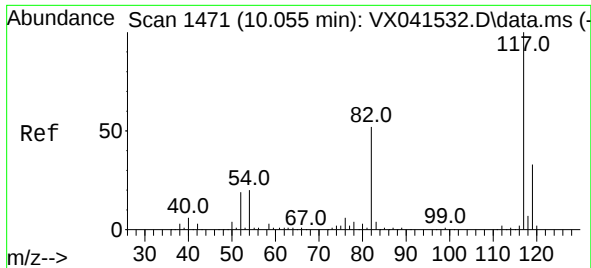
Tgt Ion: 63 Resp: 142118  
Ion Ratio Lower Upper  
63 100  
65 32.6 25.5 38.3  
106 31.4 24.7 37.1



#56  
Bromoform  
Concen: 20.057 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Tgt Ion: 173 Resp: 29827  
Ion Ratio Lower Upper  
173 100  
175 48.9 39.0 58.6  
254 11.9 10.3 15.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

ClientSampleId :

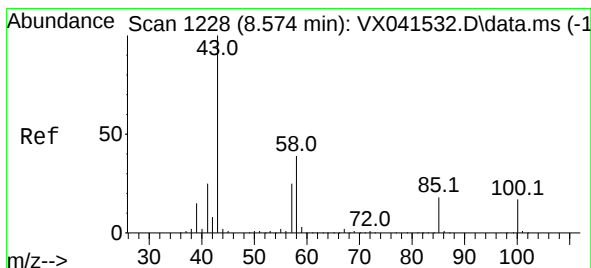
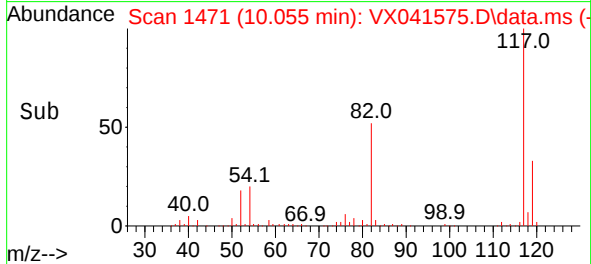
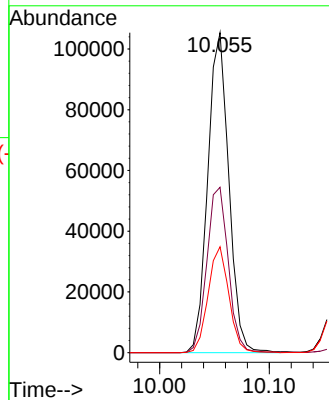
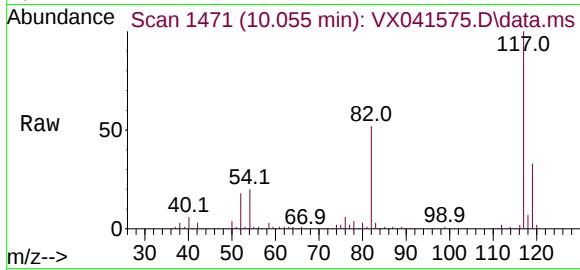
Tgt Ion:117 Resp: 140788

Ion Ratio Lower Upper

117 100

82 52.6 41.7 62.5

119 32.7 25.7 38.5



#58

4-Methyl-2-Pentanone

Concen: 111.089 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

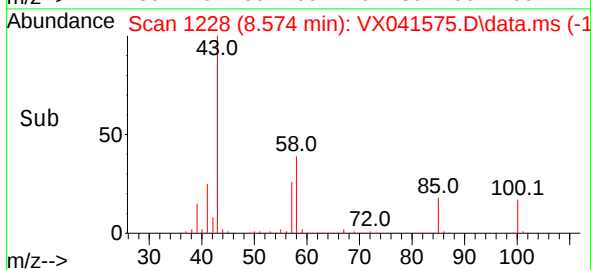
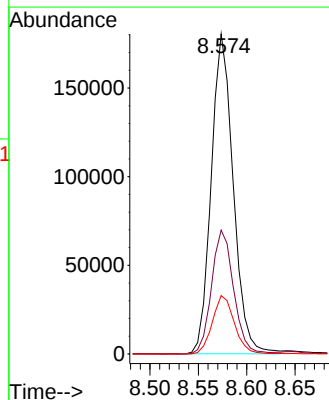
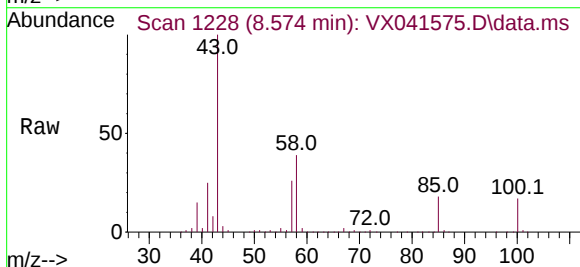
Tgt Ion: 43 Resp: 285767

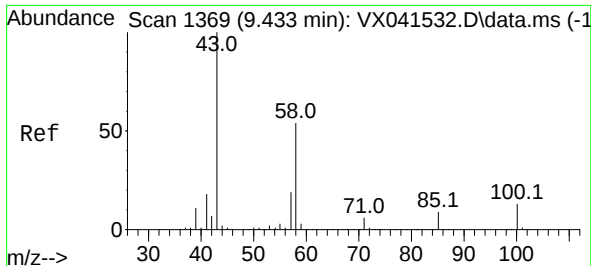
Ion Ratio Lower Upper

43 100

58 38.7 30.2 45.4

85 18.3 14.6 21.8





#59

2-Hexanone

Concen: 109.575 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

ClientSampleId :

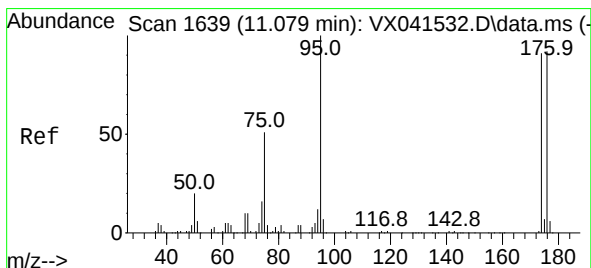
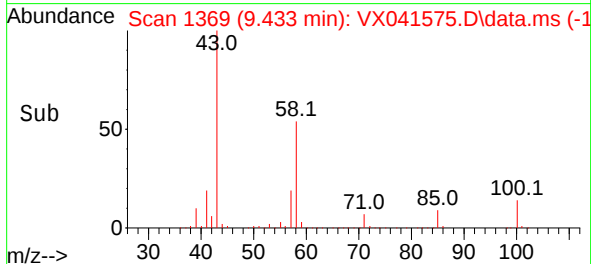
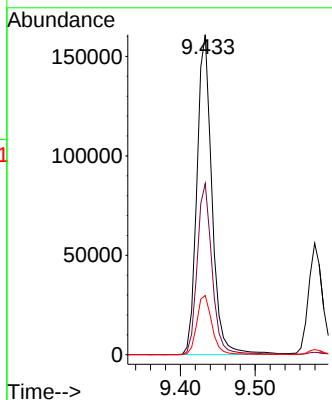
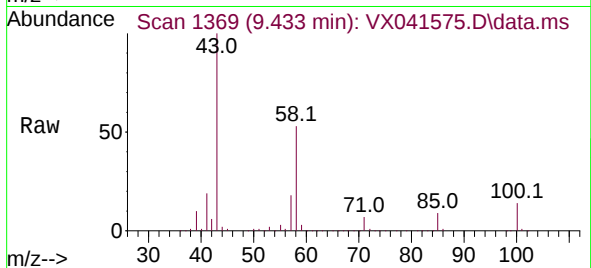
Tgt Ion: 43 Resp: 224551

Ion Ratio Lower Upper

43 100

58 52.9 42.3 63.5

57 18.4 15.1 22.7



#60

4-Bromofluorobenzene

Concen: 30.702 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

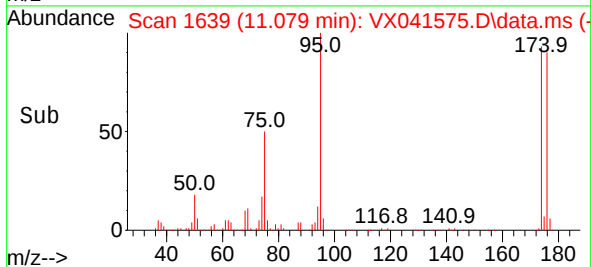
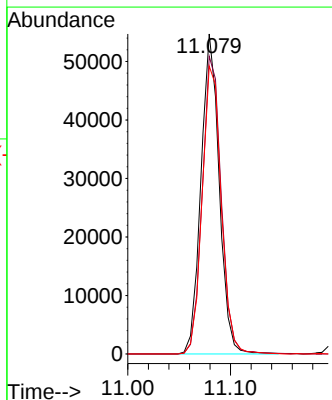
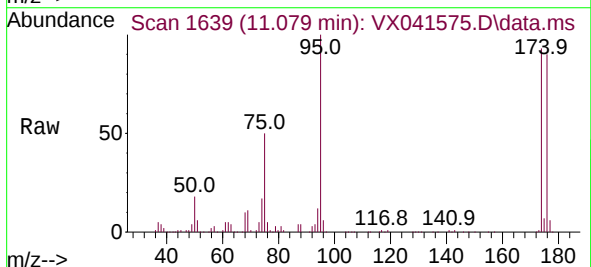
Tgt Ion: 95 Resp: 67476

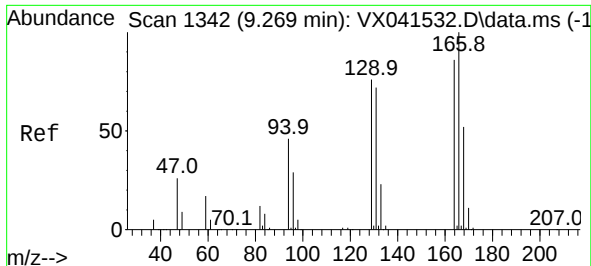
Ion Ratio Lower Upper

95 100

174 96.6 76.6 115.0

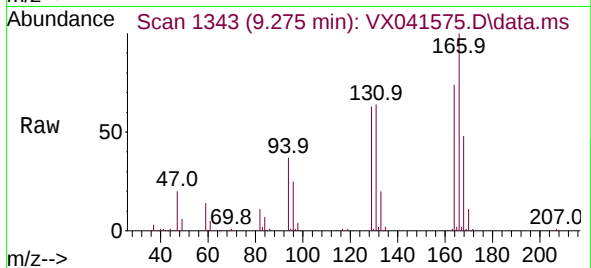
176 94.1 75.4 113.0



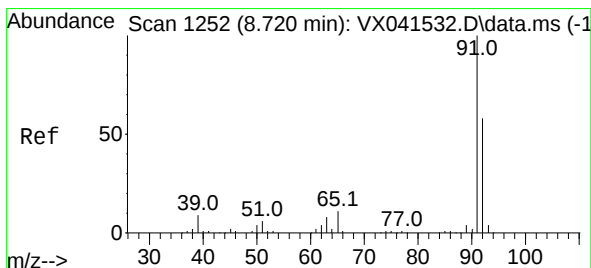
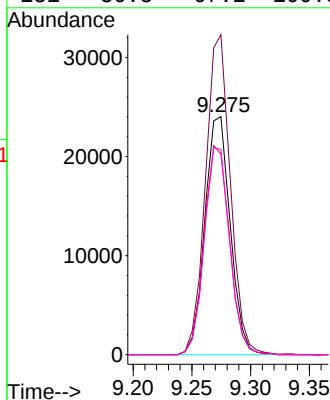
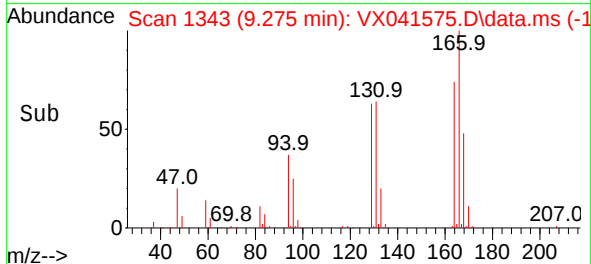


#61  
Tetrachloroethene  
Concen: 21.042 ug/l  
RT: 9.275 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

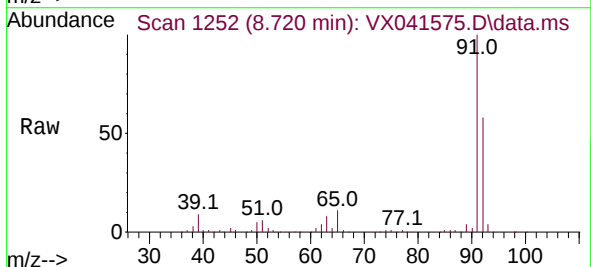
Instrument :  
MSVOA\_X  
ClientSampleId :



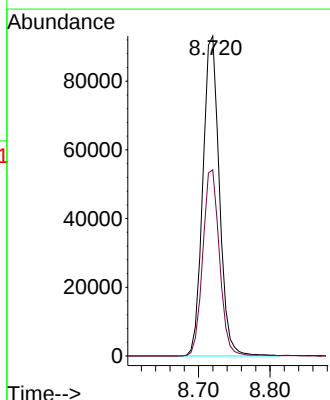
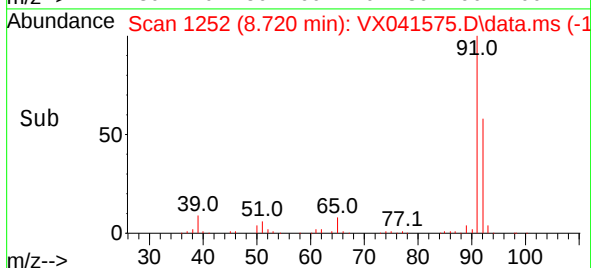
Tgt Ion:164 Resp: 36245  
Ion Ratio Lower Upper  
164 100  
166 134.4 92.8 139.2  
129 84.2 70.1 105.1  
131 86.3 67.2 100.8

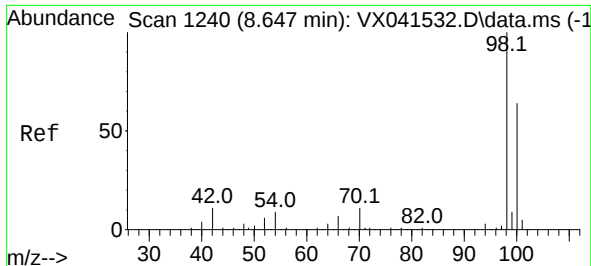


#62  
Toluene  
Concen: 21.380 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41



Tgt Ion: 91 Resp: 149775  
Ion Ratio Lower Upper  
91 100  
92 58.8 47.0 70.6





#63

Toluene-d8

Concen: 30.404 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

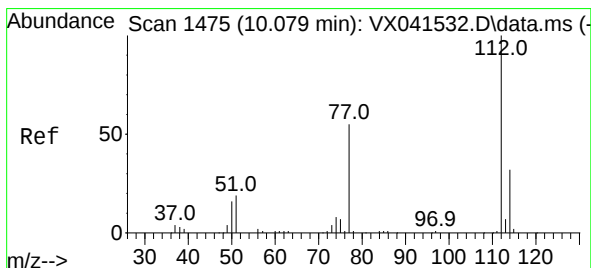
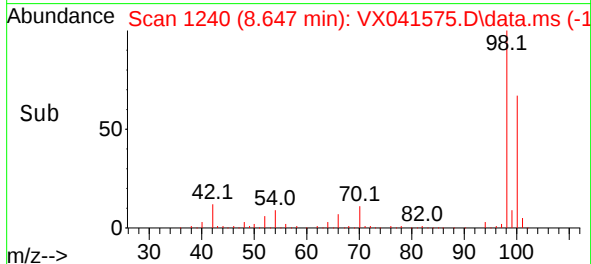
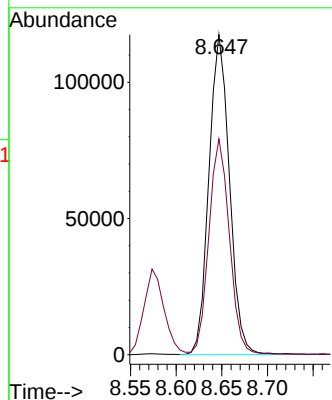
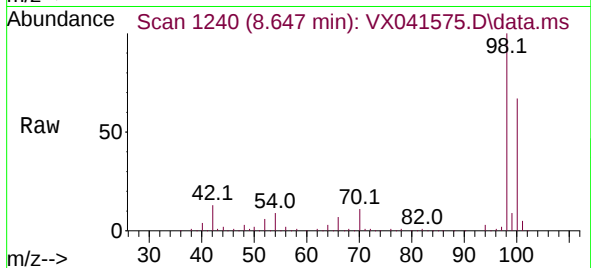
ClientSampleId :

Tgt Ion: 98 Resp: 183487

Ion Ratio Lower Upper

98 100

100 67.3 53.1 79.7



#64

Chlorobenzene

Concen: 21.405 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041575.D

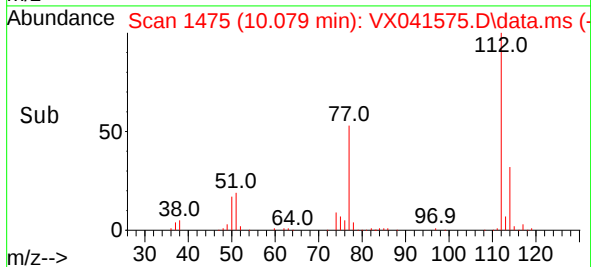
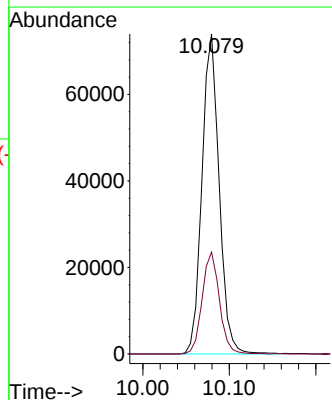
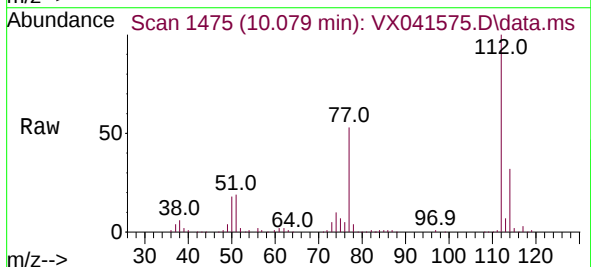
Acq: 16 May 2024 19:41

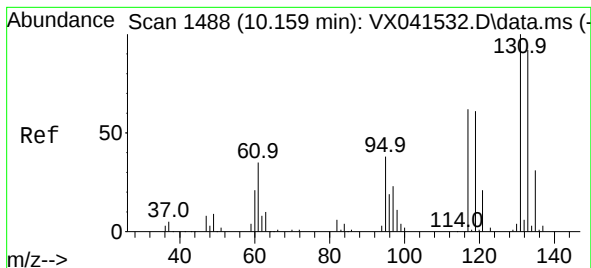
Tgt Ion: 112 Resp: 101852

Ion Ratio Lower Upper

112 100

114 31.8 26.0 39.0





#65

1,1,1,2-Tetrachloroethane

Concen: 20.977 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX041575.D

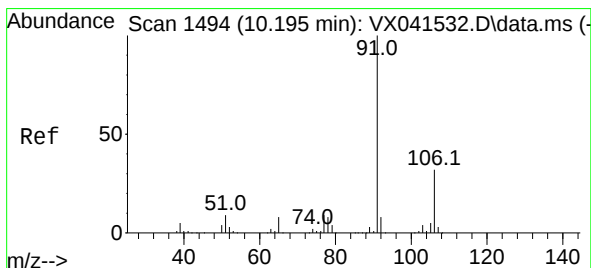
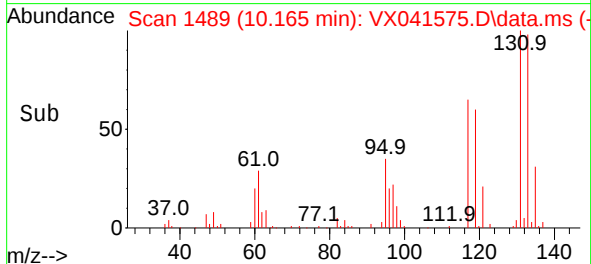
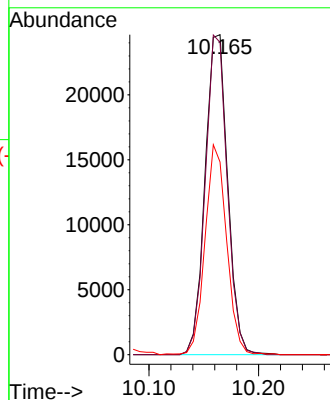
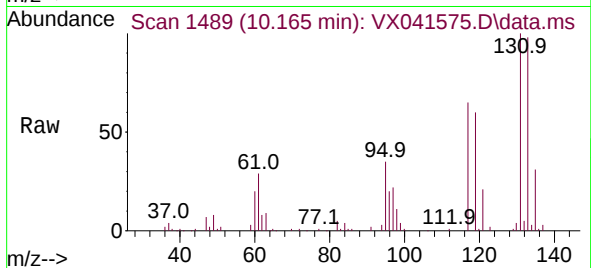
Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:131 | Resp: | 35330     |
| Ion Ratio   | Lower | Upper     |
| 131         | 100   |           |
| 133         | 96.6  | 0.0 191.6 |
| 119         | 61.6  | 0.0 126.4 |



#66

Ethyl Benzene

Concen: 21.455 ug/l

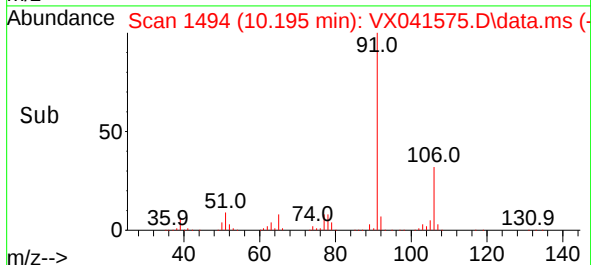
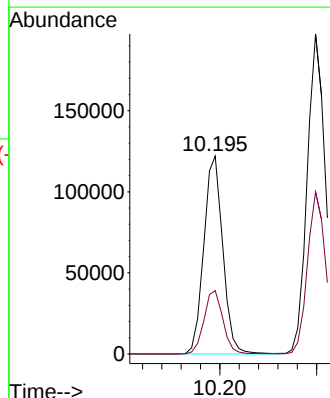
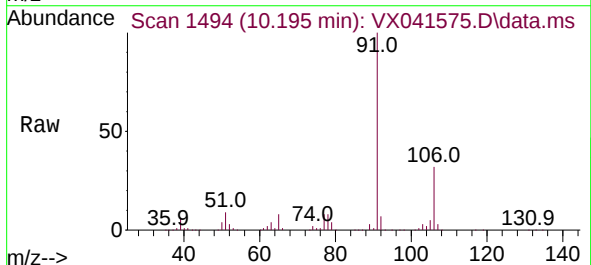
RT: 10.195 min Scan# 1494

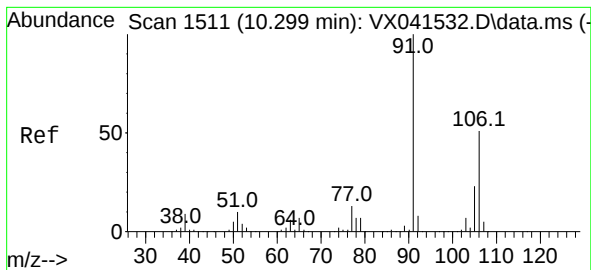
Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 91 | Resp: | 166896    |
| Ion Ratio   | Lower | Upper     |
| 91          | 100   |           |
| 106         | 32.0  | 25.9 38.9 |

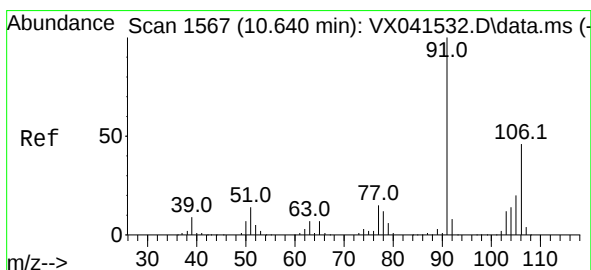
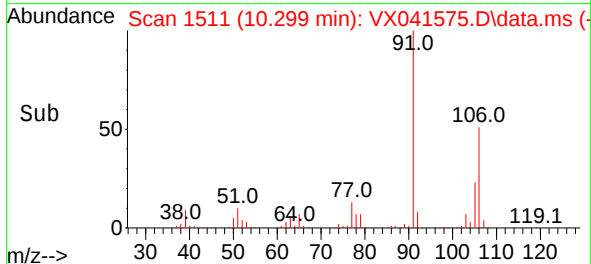
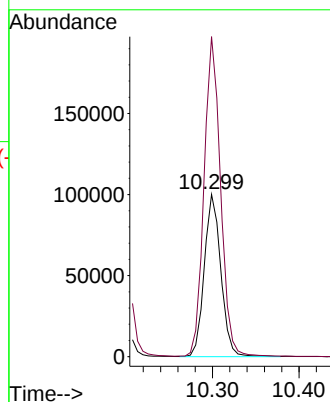
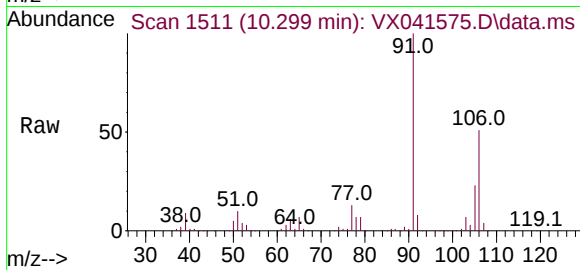




#67  
m/p-Xylenes  
Concen: 43.771 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

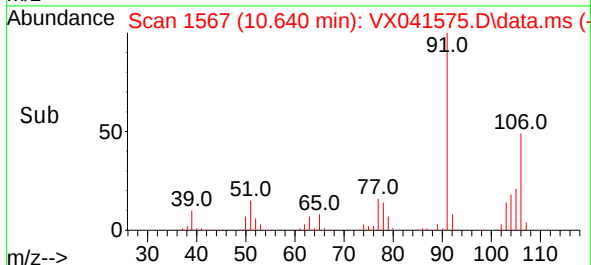
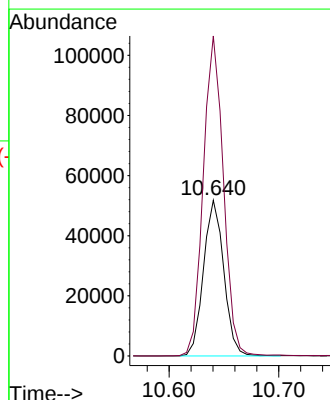
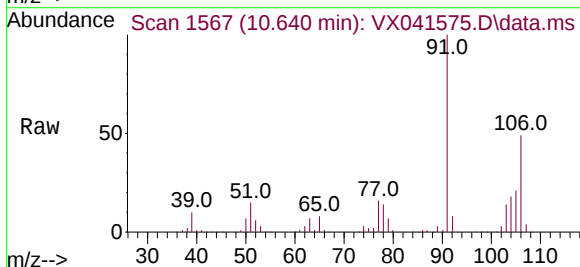
Instrument :  
MSVOA\_X  
ClientSampleId :

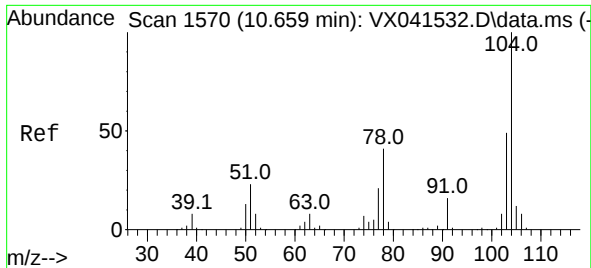
Tgt Ion:106 Resp: 133146  
Ion Ratio Lower Upper  
106 100  
91 195.7 156.5 234.7



#68  
o-Xylene  
Concen: 21.726 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Tgt Ion:106 Resp: 66524  
Ion Ratio Lower Upper  
106 100  
91 203.3 105.2 315.6





#69

Styrene

Concen: 21.272 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

ClientSampleId :

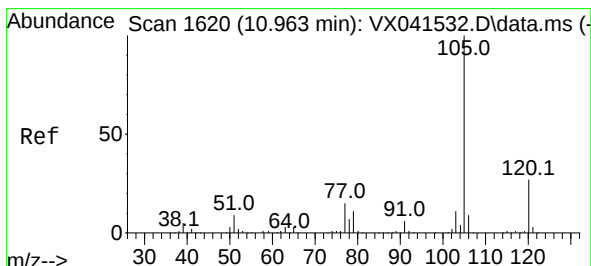
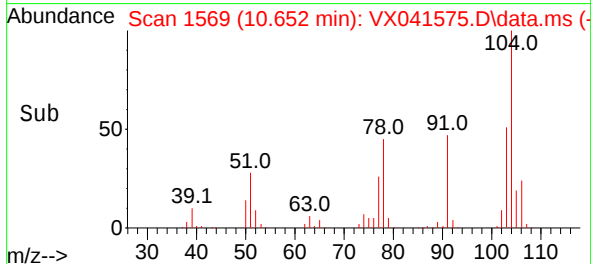
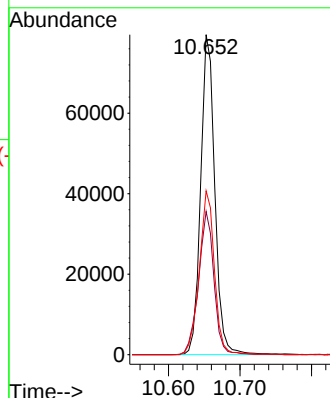
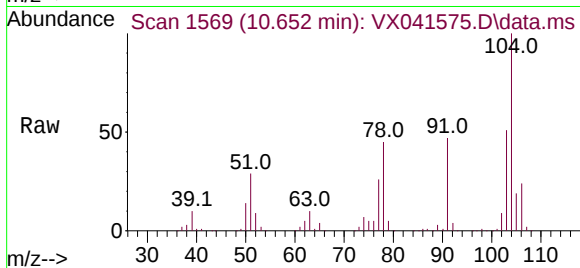
Tgt Ion:104 Resp: 109208

Ion Ratio Lower Upper

104 100

78 48.7 39.3 58.9

103 54.7 43.2 64.8



#70

Isopropylbenzene

Concen: 21.959 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041575.D

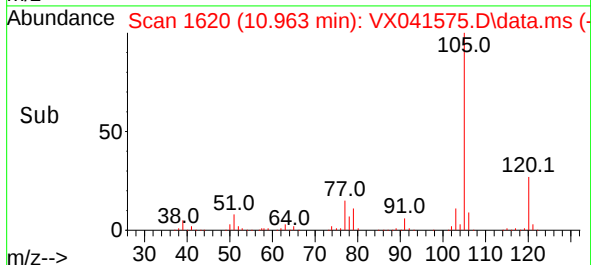
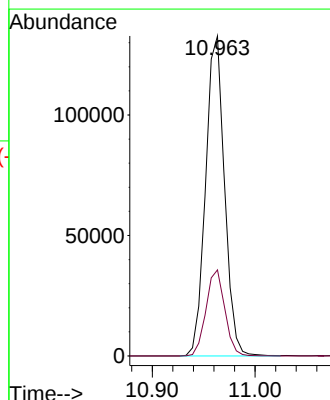
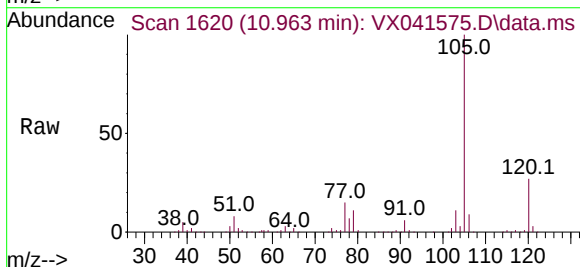
Acq: 16 May 2024 19:41

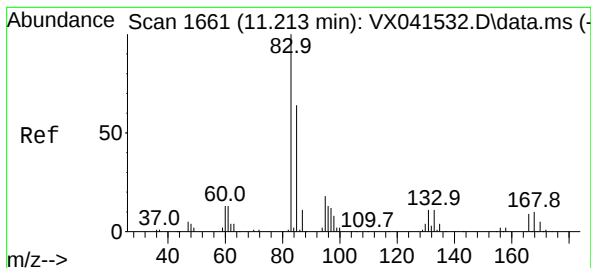
Tgt Ion:105 Resp: 169903

Ion Ratio Lower Upper

105 100

120 26.7 18.8 34.8

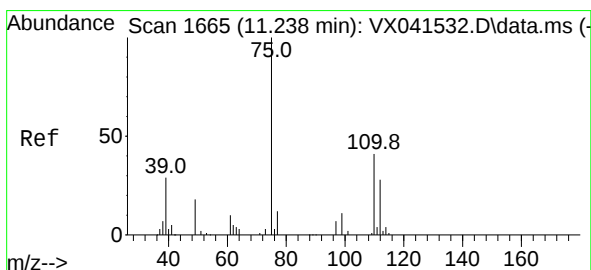
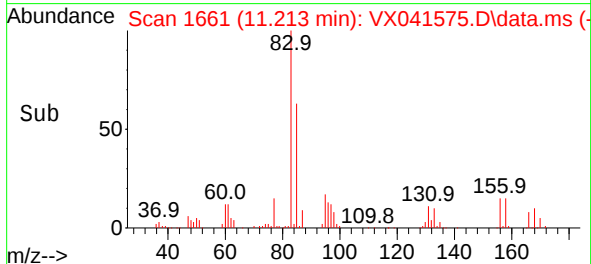
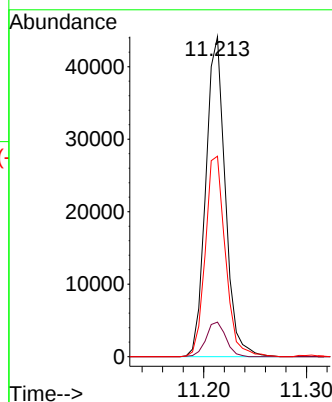
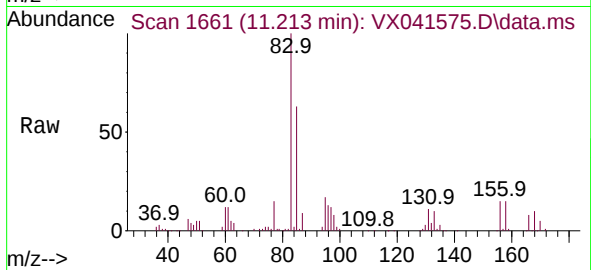




#71  
1,1,2,2-Tetrachloroethane  
Concen: 21.882 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

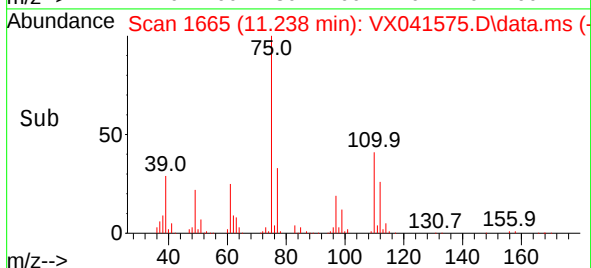
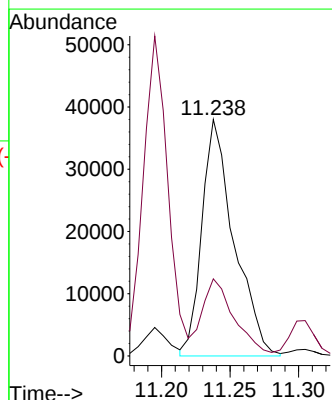
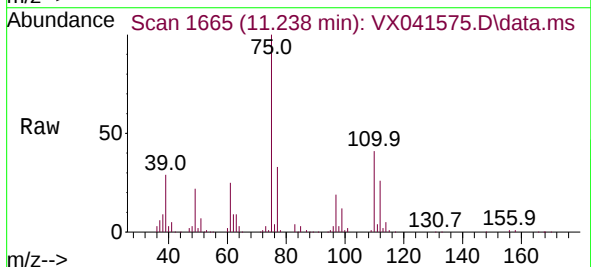
Instrument :  
MSVOA\_X  
ClientSampleId :

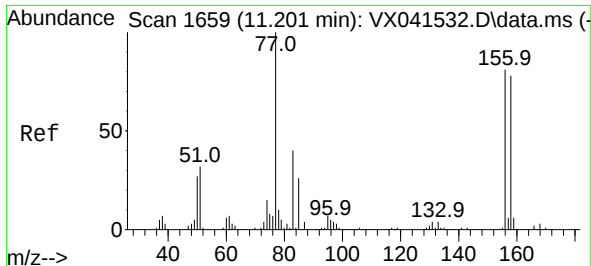
Tgt Ion: 83 Resp: 58162  
Ion Ratio Lower Upper  
83 100  
131 11.0 5.7 17.0  
85 64.7 32.3 96.8



#72  
1,2,3-Trichloropropane  
Concen: 25.900 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

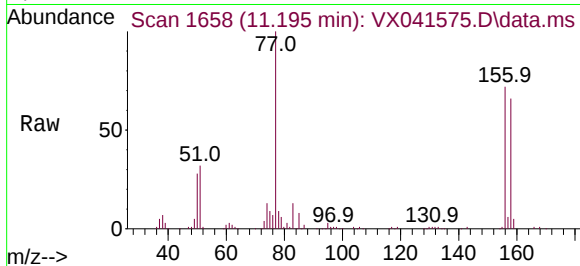
Tgt Ion: 75 Resp: 62084  
Ion Ratio Lower Upper  
75 100  
77 32.8 0.0 78.8



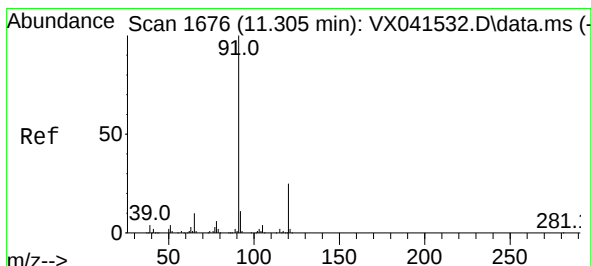
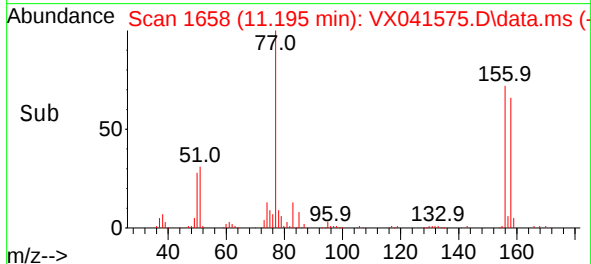
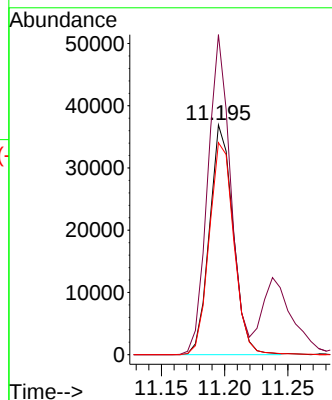


#73  
Bromobenzene  
Concen: 21.215 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Instrument :  
MSVOA\_X  
ClientSampleId :

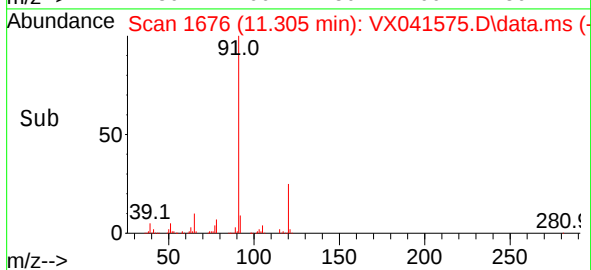
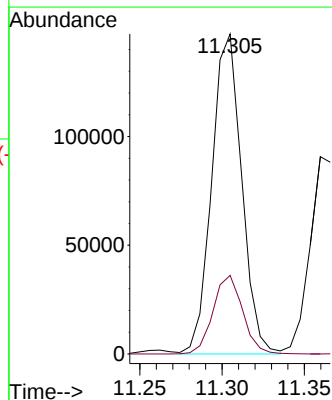
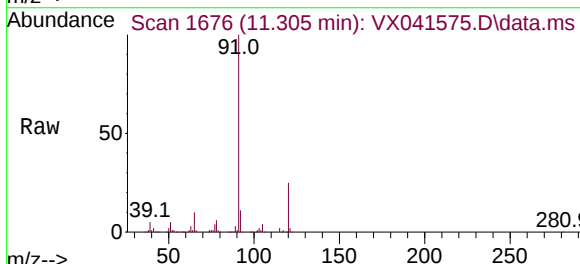


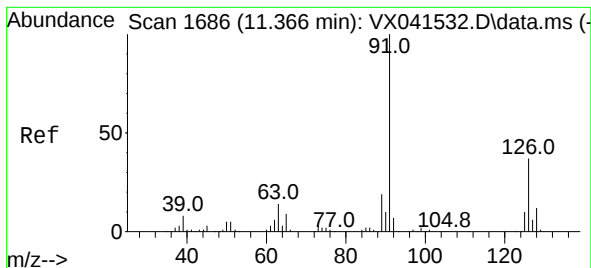
Tgt Ion:156 Resp: 48230  
Ion Ratio Lower Upper  
156 100  
77 134.0 0.0 267.4  
158 95.7 0.0 192.8



#74  
n-propylbenzene  
Concen: 21.301 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Tgt Ion: 91 Resp: 185843  
Ion Ratio Lower Upper  
91 100  
120 24.3 0.0 48.4





#75

2-Chlorotoluene

Concen: 21.512 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

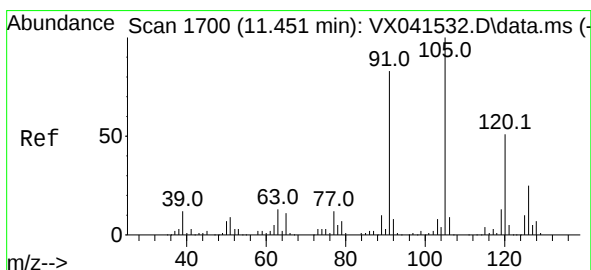
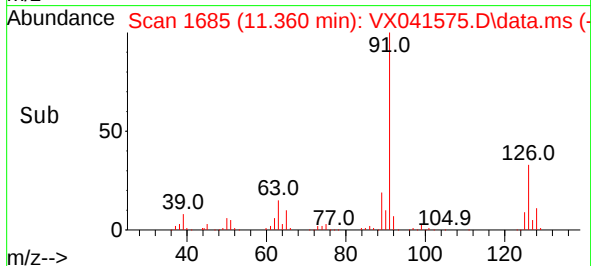
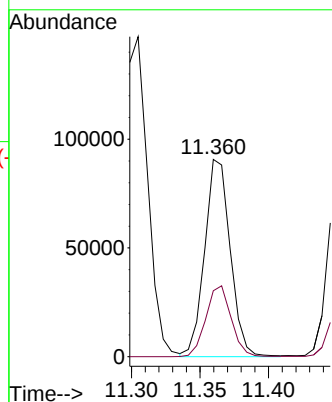
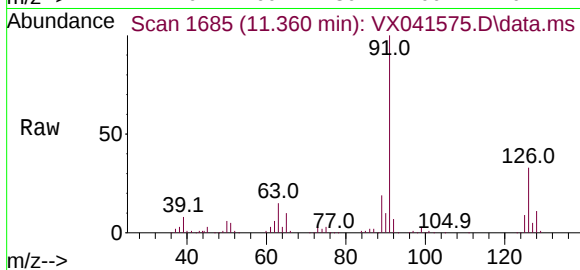
ClientSampleId :

Tgt Ion: 91 Resp: 117857

Ion Ratio Lower Upper

91 100

126 35.7 0.0 71.6



#76

1,3,5-Trimethylbenzene

Concen: 21.092 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041575.D

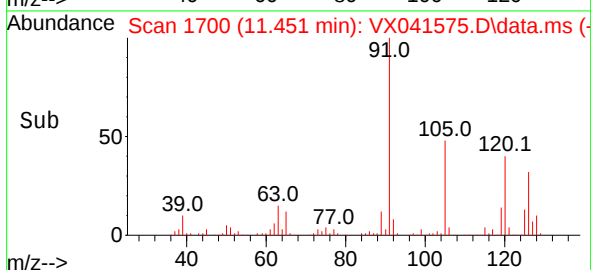
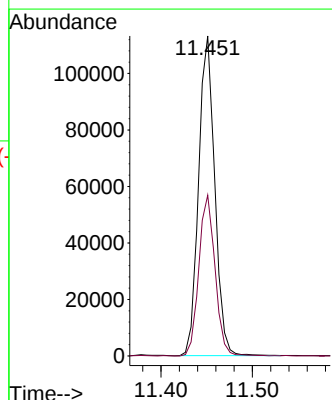
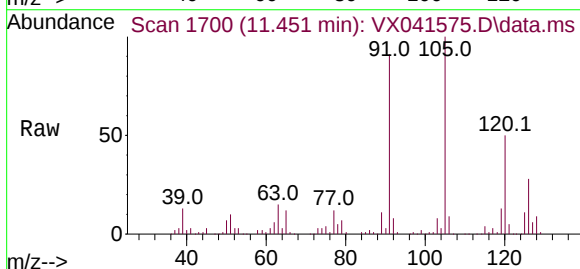
Acq: 16 May 2024 19:41

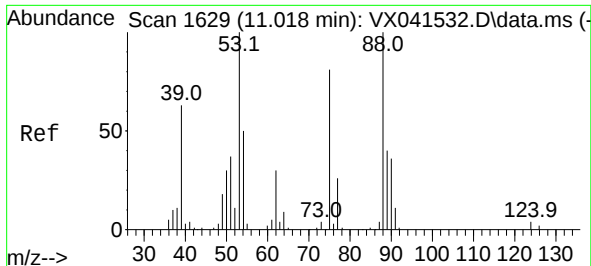
Tgt Ion:105 Resp: 139293

Ion Ratio Lower Upper

105 100

120 50.4 0.0 102.6

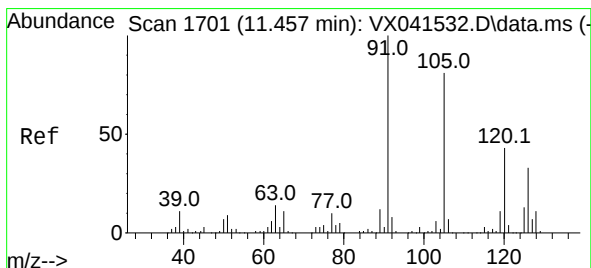
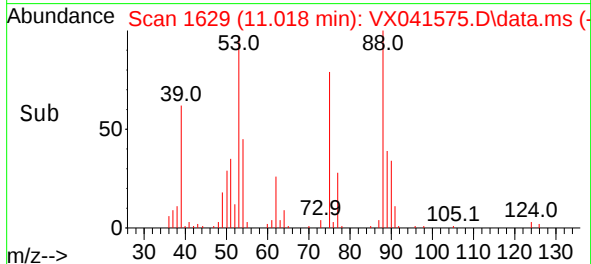
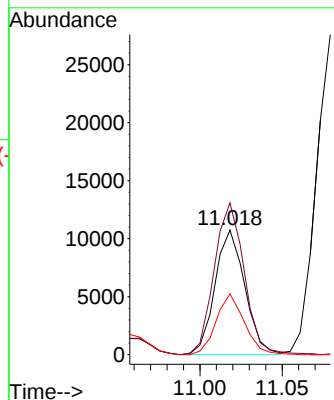
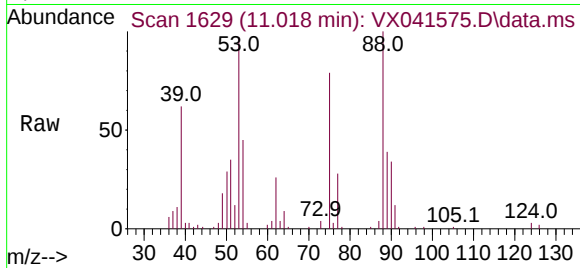




#77  
t-1,4-Dichloro-2-butene  
Concen: 18.027 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

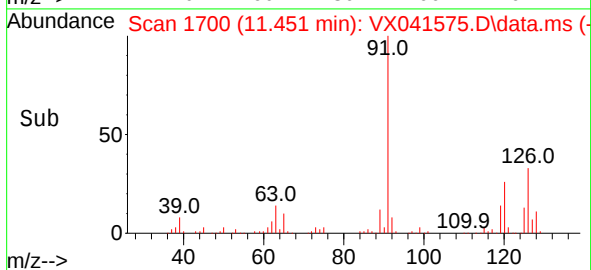
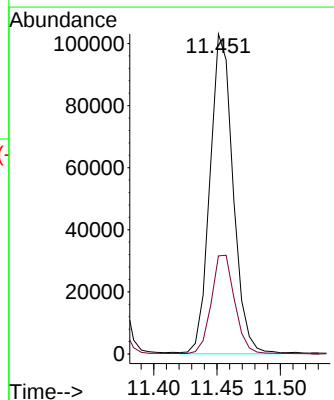
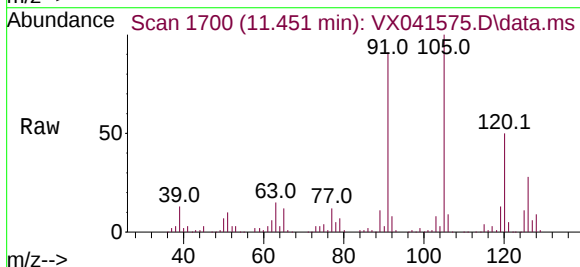
Instrument :  
MSVOA\_X  
ClientSampleId :

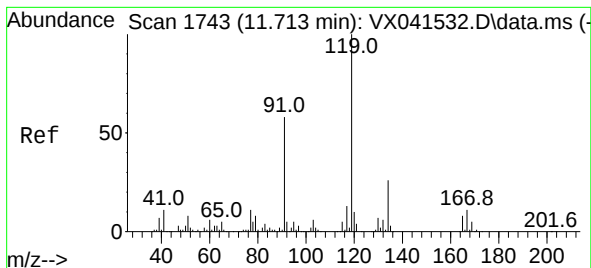
Tgt Ion: 75 Resp: 13582  
Ion Ratio Lower Upper  
75 100  
53 122.0 61.8 185.3  
89 48.9 24.9 74.7



#78  
4-Chlorotoluene  
Concen: 20.958 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Tgt Ion: 91 Resp: 130781  
Ion Ratio Lower Upper  
91 100  
126 31.6 0.0 62.2





#79

tert-butylbenzene

Concen: 21.170 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

ClientSampleId :

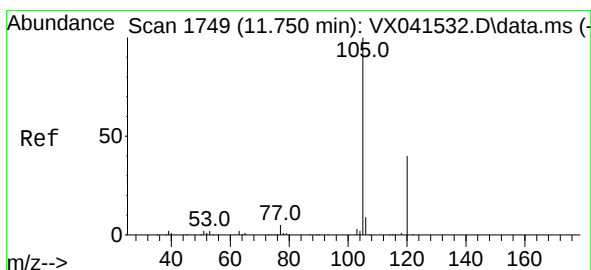
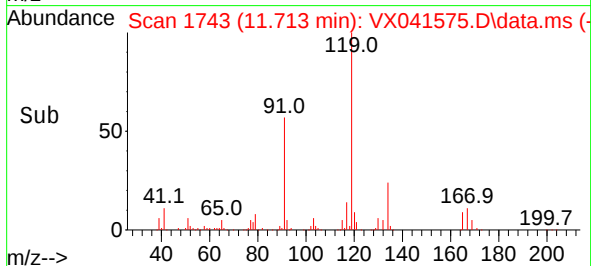
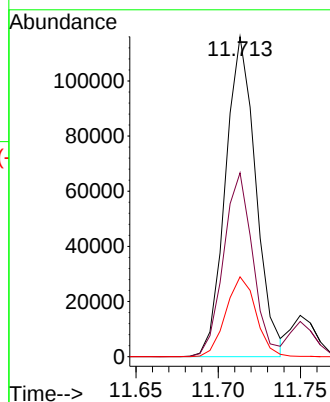
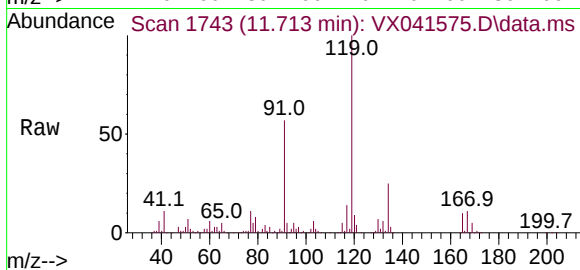
Tgt Ion:119 Resp: 148801

Ion Ratio Lower Upper

119 100

91 55.7 0.0 110.0

134 24.8 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 21.266 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041575.D

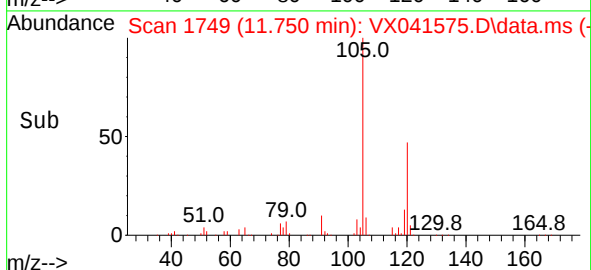
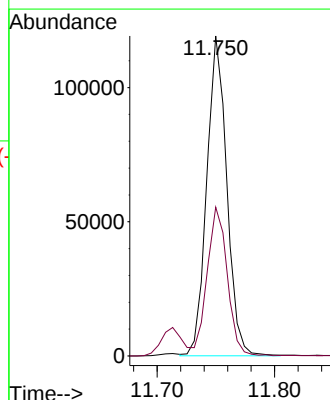
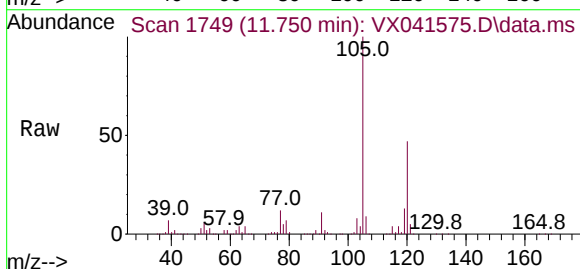
Acq: 16 May 2024 19:41

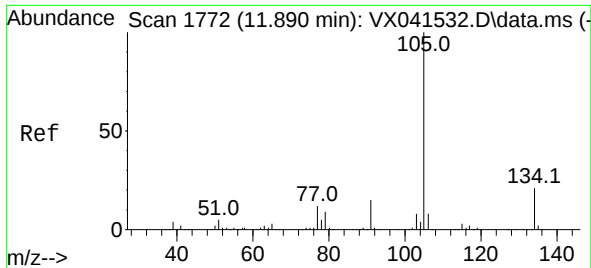
Tgt Ion:105 Resp: 140772

Ion Ratio Lower Upper

105 100

120 46.4 0.0 92.2

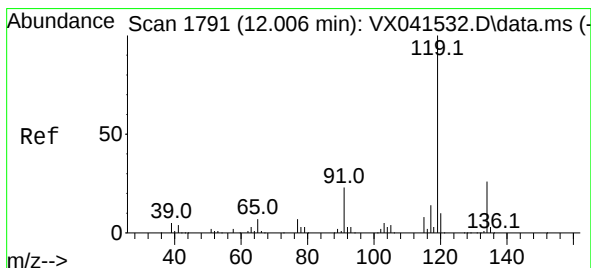
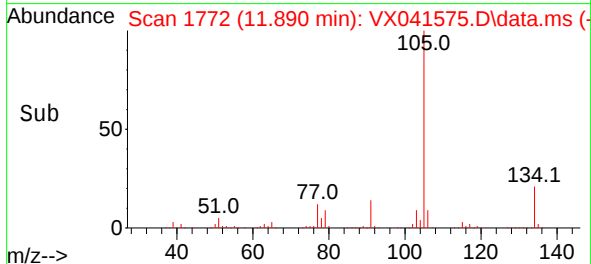
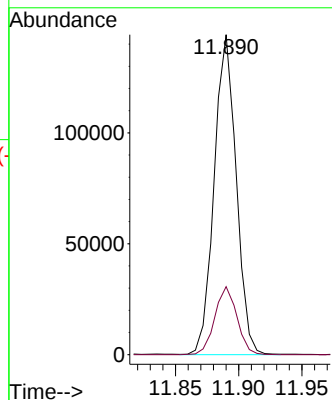
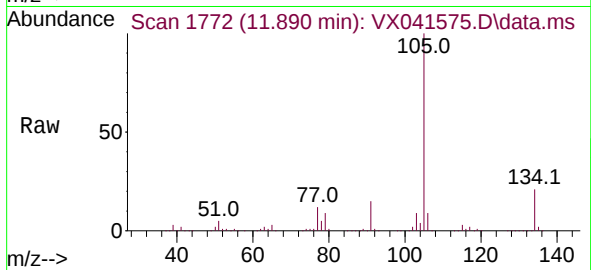




#81  
 sec-Butylbenzene  
 Concen: 21.218 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX041575.D  
 Acq: 16 May 2024 19:41

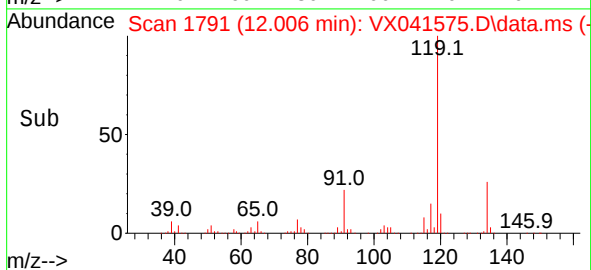
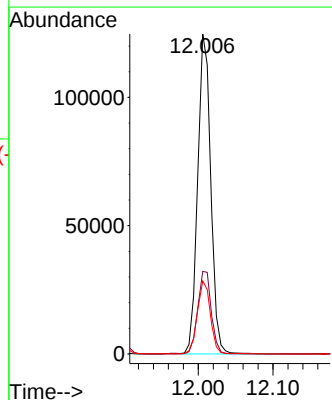
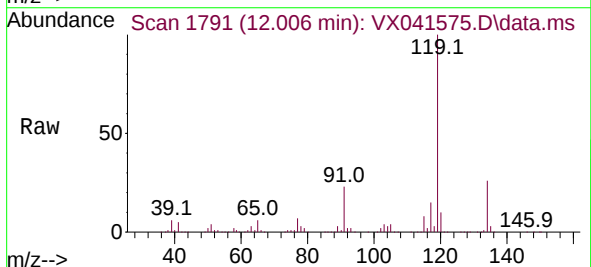
Instrument :  
 MSVOA\_X  
 ClientSampleId :

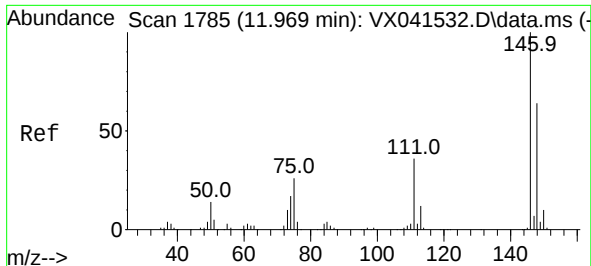
Tgt Ion:105 Resp: 174271  
 Ion Ratio Lower Upper  
 105 100  
 134 21.3 0.0 43.4



#82  
 p-Isopropyltoluene  
 Concen: 21.042 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX041575.D  
 Acq: 16 May 2024 19:41

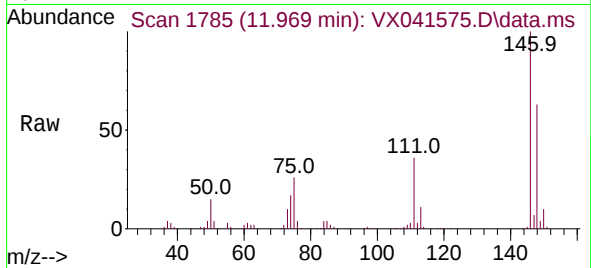
Tgt Ion:119 Resp: 151286  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 0.0 53.4  
 91 22.7 0.0 44.8



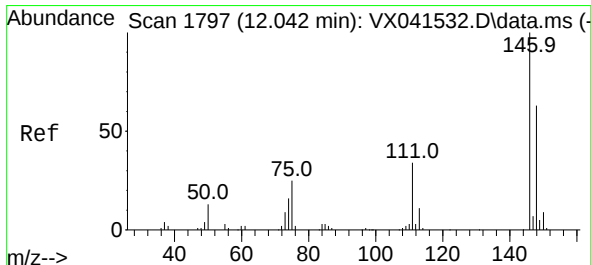
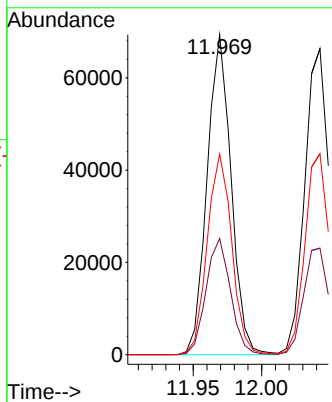
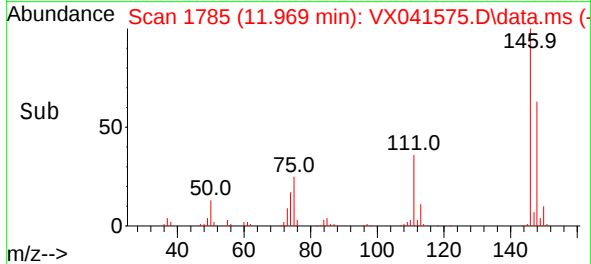


#83  
1,3-Dichlorobenzene  
Concen: 20.754 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

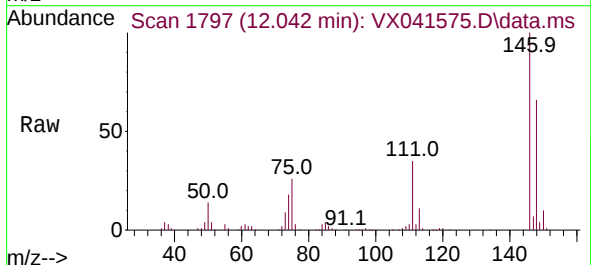
Instrument :  
MSVOA\_X  
ClientSampleId :



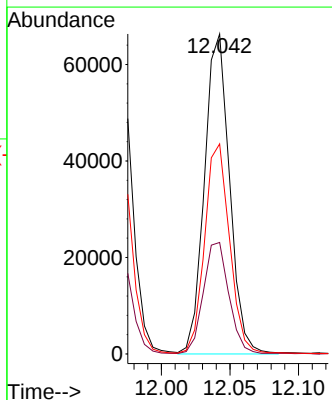
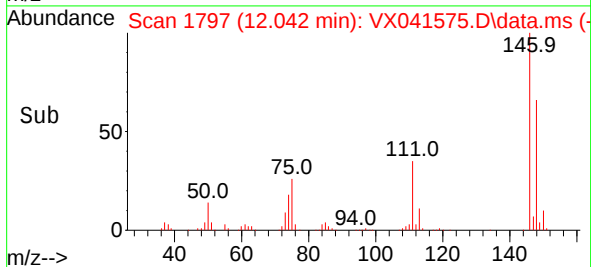
Tgt Ion:146 Resp: 84620  
Ion Ratio Lower Upper  
146 100  
111 36.8 18.4 55.2  
148 64.1 32.3 96.9

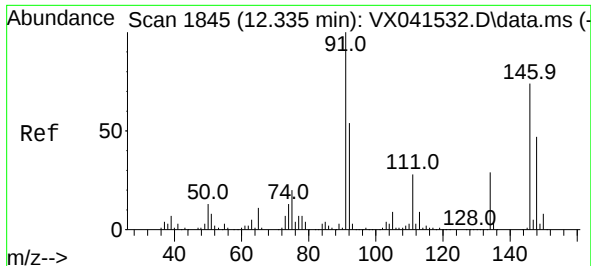


#84  
1,4-Dichlorobenzene  
Concen: 20.536 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41



Tgt Ion:146 Resp: 84605  
Ion Ratio Lower Upper  
146 100  
111 35.3 17.8 53.5  
148 65.4 31.9 95.5





#85

n-Butylbenzene

Concen: 19.680 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

ClientSampleId :

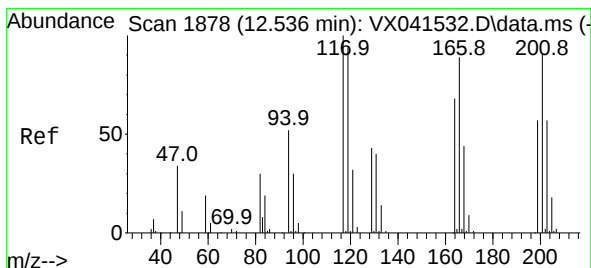
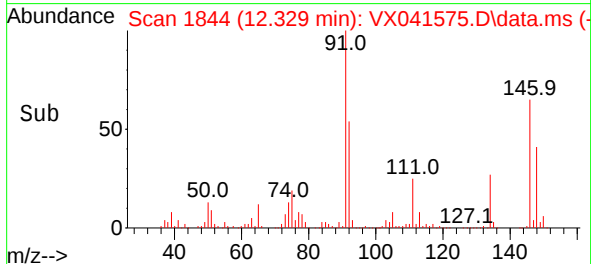
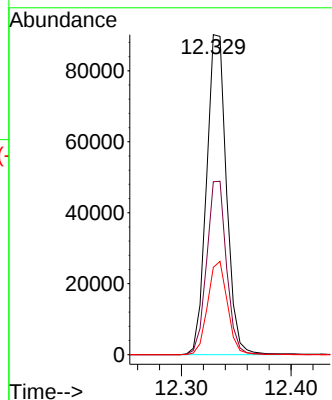
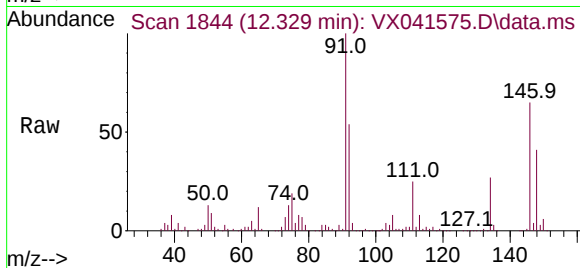
Tgt Ion: 91 Resp: 113858

Ion Ratio Lower Upper

91 100

92 53.9 0.0 108.4

134 28.9 0.0 56.6



#86

Hexachloroethane

Concen: 19.602 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041575.D

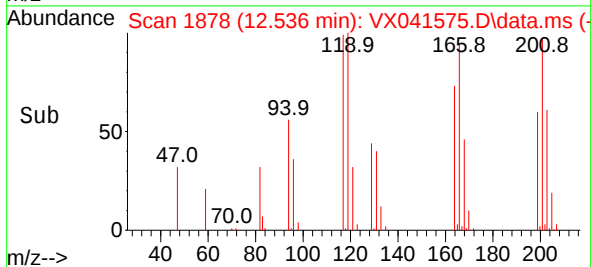
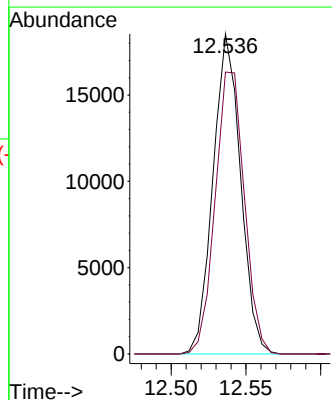
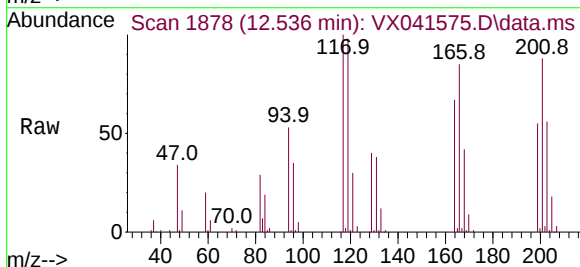
Acq: 16 May 2024 19:41

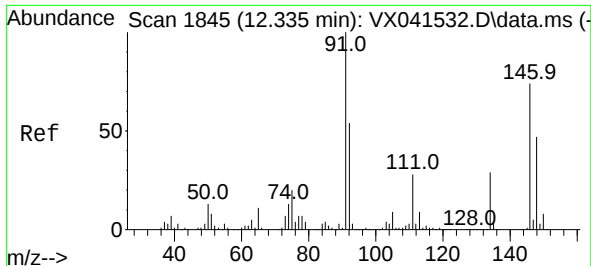
Tgt Ion: 117 Resp: 23728

Ion Ratio Lower Upper

117 100

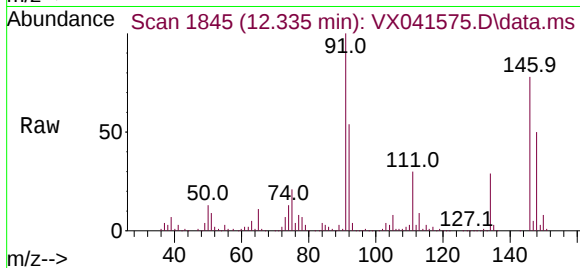
201 93.7 47.3 141.8



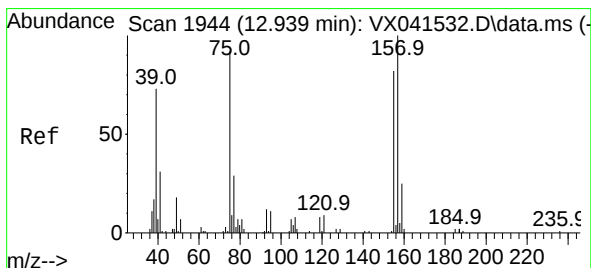
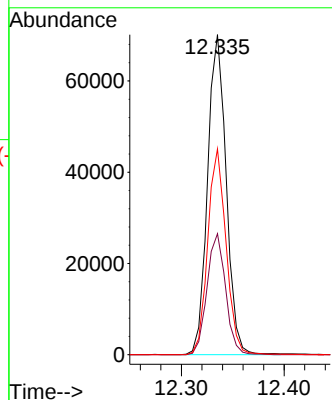
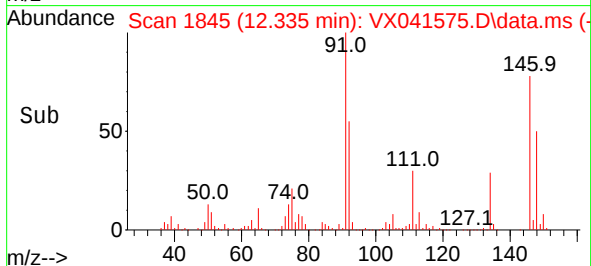


#87  
 1,2-Dichlorobenzene  
 Concen: 21.257 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX041575.D  
 Acq: 16 May 2024 19:41

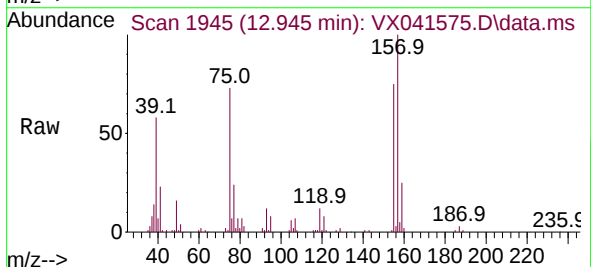
Instrument :  
 MSVOA\_X  
 ClientSampleId :



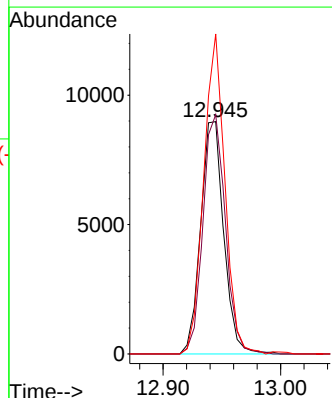
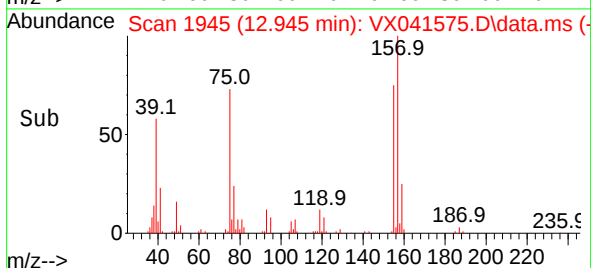
Tgt Ion:146 Resp: 88465  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 19.3 57.9  
 148 63.2 31.8 95.4

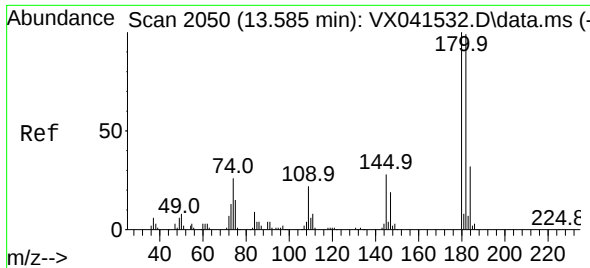


#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.042 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.006 min  
 Lab File: VX041575.D  
 Acq: 16 May 2024 19:41



Tgt Ion: 75 Resp: 12283  
 Ion Ratio Lower Upper  
 75 100  
 155 100.0 80.4 120.6  
 157 125.5 102.2 153.2





#89

1,2,4-Trichlorobenzene

Concen: 20.481 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

Instrument :

MSVOA\_X

ClientSampleId :

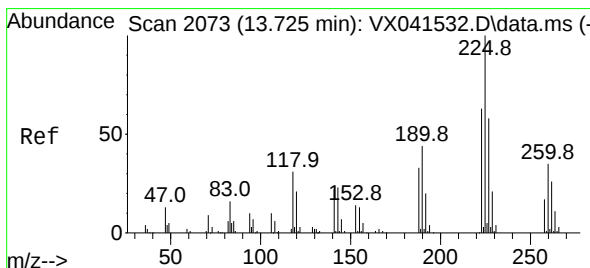
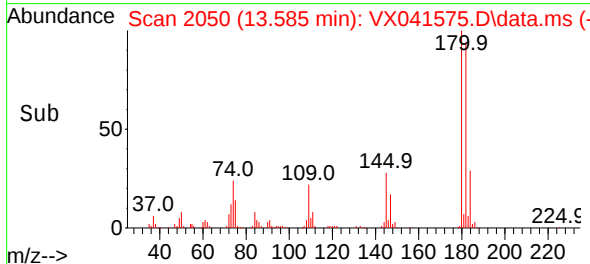
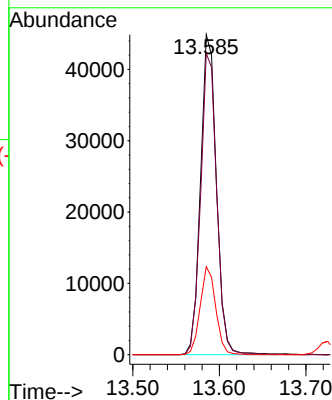
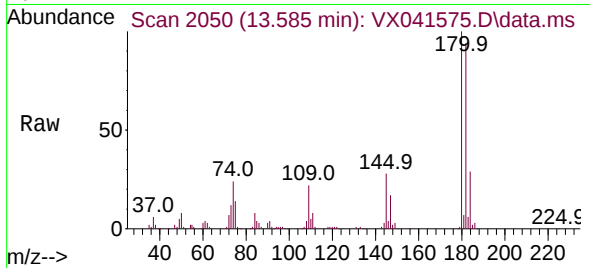
Tgt Ion:180 Resp: 57271

Ion Ratio Lower Upper

180 100

182 94.8 77.0 115.4

145 26.8 22.7 34.1



#90

Hexachlorobutadiene

Concen: 20.310 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041575.D

Acq: 16 May 2024 19:41

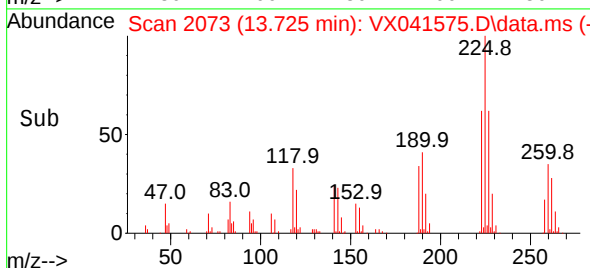
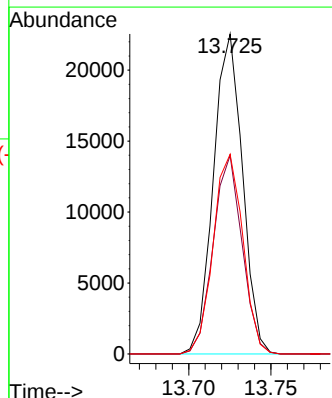
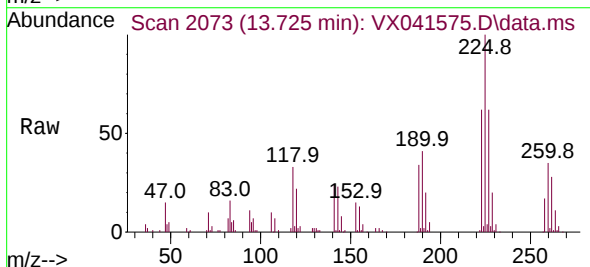
Tgt Ion:225 Resp: 27707

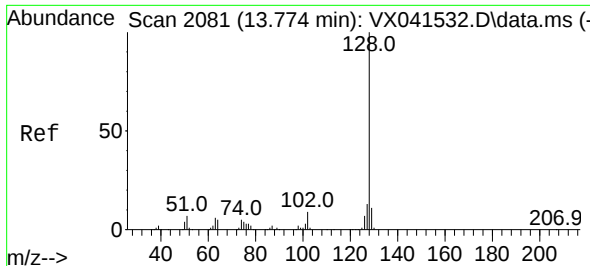
Ion Ratio Lower Upper

225 100

223 61.6 0.0 125.8

227 63.7 0.0 125.6

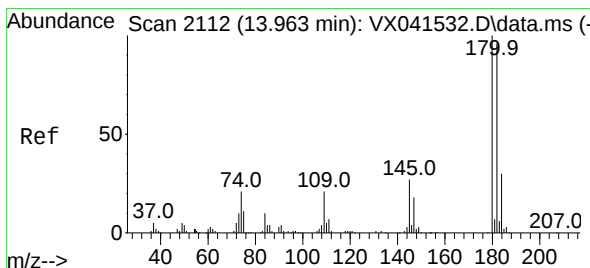
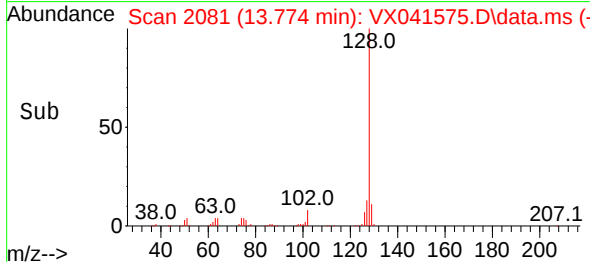
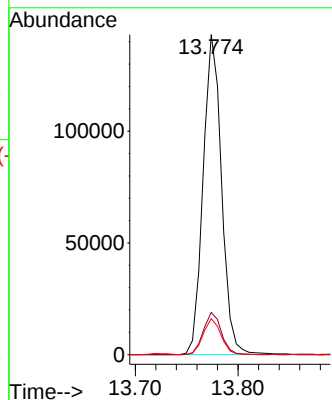
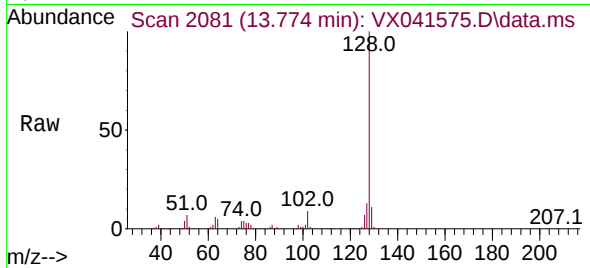




#91  
Naphthalene  
Concen: 21.371 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:128 Resp: 178604  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.6 16.0  
129 11.0 8.8 13.2



#92  
1,2,3-Trichlorobenzene  
Concen: 20.834 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX041575.D  
Acq: 16 May 2024 19:41

Tgt Ion:180 Resp: 59520  
Ion Ratio Lower Upper  
180 100  
182 95.9 0.0 191.0  
145 29.4 0.0 58.6

