

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112423\  
 Data File : VX039027.D  
 Acq On : 24 Nov 2023 16:18  
 Operator : JC/MD  
 Sample : 04699-08 5.0PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 27 03:49:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X112423W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Nov 27 03:22:25 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Bromochloromethane        | 4.897  | 128   | 9393     | 30.000   | ug/l        | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.757  | 114   | 76676    | 30.000   | ug/l        | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 96052    | 30.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 27) 1,2-Dichloroethane-d4    | 5.958  | 65    | 43619    | 33.944   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 113.133%# |          |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 62674    | 29.874   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 99.567%   |          |
| 63) Toluene-d8               | 8.646  | 98    | 118186   | 31.122   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 103.733%  |          |
| Target Compounds             |        |       |          |          |             |          |
|                              |        |       |          |          | Qvalue      |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 7825     | 5.566    | ug/l        | 94       |
| 3) Chloromethane             | 1.294  | 50    | 8945     | 5.557    | ug/l        | 97       |
| 4) Vinyl Chloride            | 1.373  | 62    | 9024     | 5.553    | ug/l        | 99       |
| 5) Bromomethane              | 1.599  | 94    | 6314     | 6.352    | ug/l        | 97       |
| 6) Chloroethane              | 1.684  | 64    | 5999     | 6.339    | ug/l        | 94       |
| 7) Trichlorofluoromethane    | 1.885  | 101   | 12467    | 5.558    | ug/l        | 92       |
| 8) Diethyl Ether             | 2.129  | 74    | 5092     | 5.914    | ug/l        | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.324  | 101   | 7227     | 5.702    | ug/l        | 97       |
| 10) 1,1-Dichloroethene       | 2.318  | 96    | 6951     | 5.440    | ug/l        | 97       |
| 11) Methyl Iodide            | 2.459  | 142   | 7331     | 5.236    | ug/l        | 91       |
| 12) Methyl Acetate           | 2.702  | 43    | 24233    | 6.081    | ug/l        | 96       |
| 13) Acrolein                 | 2.233  | 56    | 10778    | 30.875   | ug/l        | 99       |
| 14) Acrylonitrile            | 3.062  | 53    | 27183    | 27.891   | ug/l        | 99       |
| 15) Acetone                  | 2.379  | 58    | 9836     | 27.764   | ug/l        | 95       |
| 16) Carbon Disulfide         | 2.513  | 76    | 21718    | 5.613    | ug/l #      | 94       |
| 17) Allyl chloride           | 2.666  | 41    | 13831    | 5.453    | ug/l        | 96       |
| 18) Methylene Chloride       | 2.788  | 84    | 9016     | 5.953    | ug/l        | 97       |
| 19) trans-1,2-Dichloroethene | 3.093  | 96    | 8072     | 5.586    | ug/l        | 95       |
| 20) Diisopropyl ether        | 3.763  | 45    | 27467    | 5.691    | ug/l        | 98       |
| 21) 1,1-Dichloroethane       | 3.611  | 63    | 15643    | 5.829    | ug/l        | 97       |
| 22) cis-1,2-Dichloroethene   | 4.489  | 96    | 8775     | 5.240    | ug/l        | 93       |
| 23) tert-Butyl Alcohol       | 2.952  | 59    | 17548    | 32.523   | ug/l #      | 100      |
| 24) Methyl tert-Butyl Ether  | 3.111  | 73    | 26680    | 5.669    | ug/l        | 98       |
| 25) Chloroform               | 5.092  | 83    | 14951    | 5.551    | ug/l        | 95       |
| 26) Cyclohexane              | 5.464  | 56    | 7796     | 3.210    | ug/l #      | 30       |
| 29) 1,1-Dichloropropene      | 5.696  | 75    | 11212    | 5.216    | ug/l        | 95       |
| 30) 2-Butanone               | 4.556  | 43    | 44391    | 27.430   | ug/l        | 99       |
| 31) 2,2-Dichloropropane      | 4.476  | 77    | 11978    | 4.874    | ug/l        | 99       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 12787    | 5.147    | ug/l #      | 78       |
| 33) Carbon Tetrachloride     | 5.671  | 117   | 10447    | 4.992    | ug/l        | 95       |
| 34) Benzene                  | 6.043  | 78    | 34554    | 5.519    | ug/l        | 97       |
| 35) Methacrylonitrile        | 4.928  | 41    | 7670     | 5.351    | ug/l        | 91       |
| 36) 1,2-Dichloroethane       | 6.086  | 62    | 11879    | 5.170    | ug/l #      | 91       |
| 37) Trichloroethene          | 7.128  | 130   | 8475     | 5.333    | ug/l        | 96       |
| 38) Methylcyclohexane        | 7.378  | 83    | 14034    | 5.240    | ug/l        | 98       |
| 39) 1,2-Dichloropropane      | 7.427  | 63    | 8621     | 5.221    | ug/l        | 97       |
| 40) Dibromomethane           | 7.586  | 93    | 5939     | 5.090    | ug/l        | 95       |
| 41) Bromodichloromethane     | 7.823  | 83    | 11495    | 5.128    | ug/l        | 92       |
| 42) Vinyl Acetate            | 3.720  | 43    | 102035   | 26.472   | ug/l        | 99       |

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 ALS Vial : 17 Sample Multiplier: 1

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 MSVOA\_X  
 ClientSampleId :

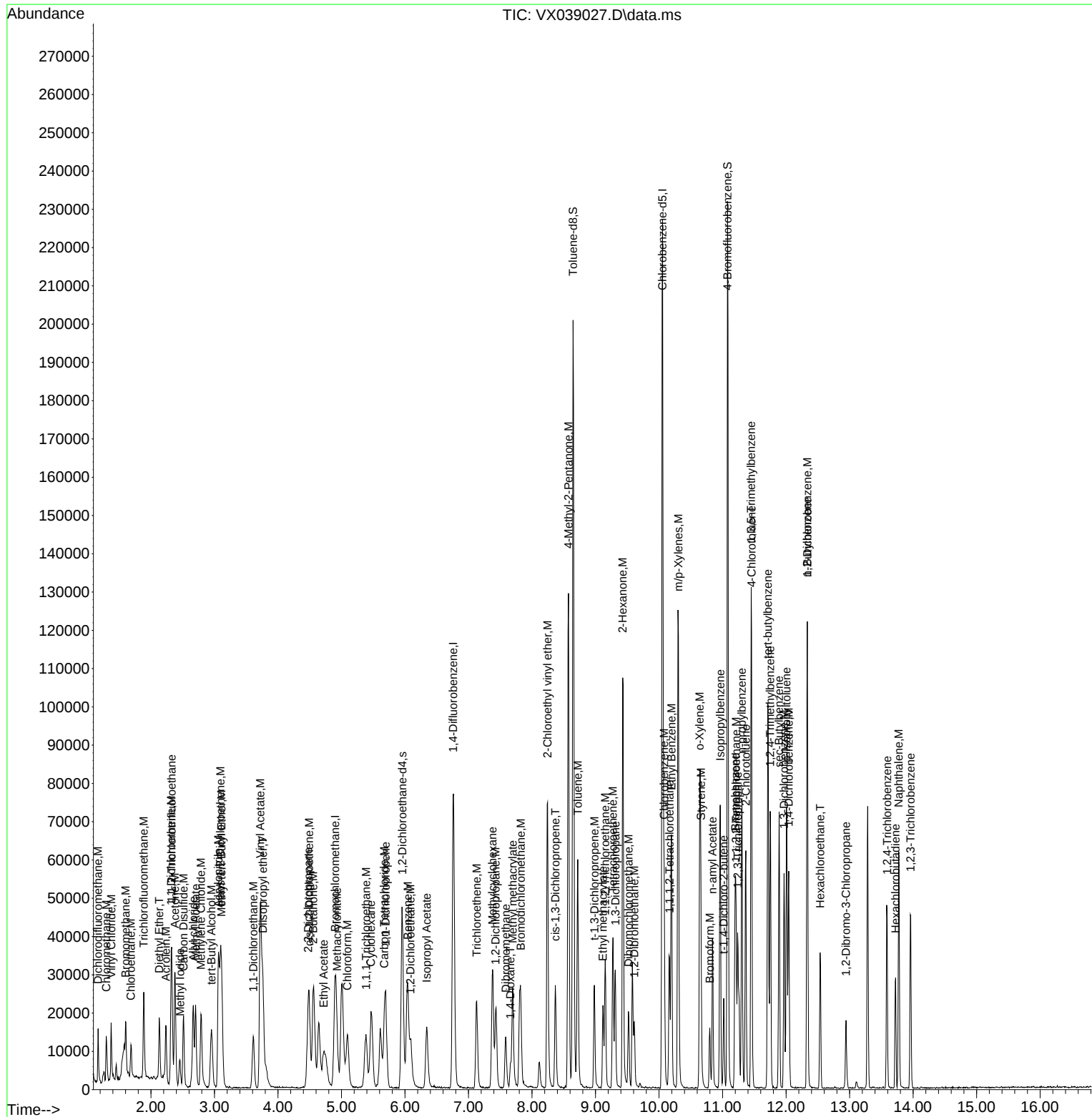
Quant Time: Nov 27 03:49:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X112423W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Mon Nov 27 03:22:25 2023  
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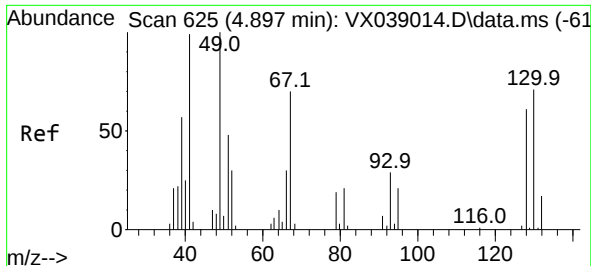
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.720  | 43   | 15530    | 5.578   | ug/l   | 98       |
| 44) Isopropyl Acetate         | 6.342  | 43   | 23412    | 5.334   | ug/l   | 98       |
| 45) 1,4-Dioxane               | 7.659  | 88   | 4930     | 110.031 | ug/l   | 98       |
| 46) Methyl methacrylate       | 7.695  | 41   | 13409    | 5.344   | ug/l   | 97       |
| 47) n-amyl Acetate            | 10.841 | 43   | 16671    | 4.488   | ug/l   | 97       |
| 48) t-1,3-Dichloropropene     | 8.982  | 75   | 12374    | 4.761   | ug/l   | 92       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 13667    | 5.097   | ug/l   | 90       |
| 50) 1,1,2-Trichloroethane     | 9.152  | 97   | 8695     | 5.486   | ug/l   | 97       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 10154    | 5.118   | ug/l   | 96       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 14617    | 5.378   | ug/l   | 100      |
| 53) Dibromochloromethane      | 9.518  | 129  | 7837     | 4.604   | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 8810     | 5.069   | ug/l   | 96       |
| 55) 2-Chloroethyl vinyl ether | 8.244  | 63   | 31446    | 25.006  | ug/l   | 98       |
| 56) Bromoform                 | 10.799 | 173  | 5110     | 4.160   | ug/l   | 98       |
| 58) 4-Methyl-2-Pentanone      | 8.573  | 43   | 79266    | 27.213  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 63627    | 26.612  | ug/l   | 98       |
| 61) Tetrachloroethene         | 9.274  | 164  | 6370     | 5.101   | ug/l # | 77       |
| 62) Toluene                   | 8.720  | 91   | 36799    | 5.396   | ug/l   | 97       |
| 64) Chlorobenzene             | 10.079 | 112  | 21445    | 5.170   | ug/l   | 96       |
| 65) 1,1,1,2-Tetrachloroethane | 10.164 | 131  | 7176     | 4.804   | ug/l   | 93       |
| 66) Ethyl Benzene             | 10.195 | 91   | 40698    | 5.241   | ug/l   | 97       |
| 67) m/p-Xylenes               | 10.305 | 106  | 29627    | 10.325  | ug/l   | 97       |
| 68) o-Xylene                  | 10.640 | 106  | 14616    | 5.259   | ug/l   | 99       |
| 69) Styrene                   | 10.658 | 104  | 20281    | 4.930   | ug/l   | 99       |
| 70) Isopropylbenzene          | 10.963 | 105  | 38936    | 5.236   | ug/l   | 99       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 14409    | 5.190   | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 11.237 | 75   | 16561    | 7.050   | ug/l   | 92       |
| 73) Bromobenzene              | 11.201 | 156  | 8855     | 5.230   | ug/l   | 97       |
| 74) n-propylbenzene           | 11.305 | 91   | 46953    | 5.153   | ug/l   | 98       |
| 75) 2-Chlorotoluene           | 11.365 | 91   | 28212    | 5.278   | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 32567    | 5.083   | ug/l   | 100      |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 3861     | 4.148   | ug/l   | 89       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 33048    | 5.258   | ug/l   | 97       |
| 79) tert-butylbenzene         | 11.713 | 119  | 30226    | 4.962   | ug/l   | 96       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 32463    | 5.063   | ug/l   | 98       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 37921    | 4.924   | ug/l   | 98       |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 31808    | 4.873   | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 16003    | 4.939   | ug/l   | 97       |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 17193    | 5.171   | ug/l   | 99       |
| 85) n-Butylbenzene            | 12.335 | 91   | 30929    | 4.798   | ug/l   | 97       |
| 86) Hexachloroethane          | 12.536 | 117  | 5520     | 4.463   | ug/l   | 94       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 16130    | 5.177   | ug/l   | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.944 | 75   | 3645     | 5.134   | ug/l   | 93       |
| 89) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 10067    | 4.873   | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 3395     | 4.603   | ug/l   | 97       |
| 91) Naphthalene               | 13.774 | 128  | 37487    | 4.921   | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 10007    | 5.001   | ug/l   | 96       |

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

**Instrument :**  
MSVOA\_X  
**ClientSampleId :**

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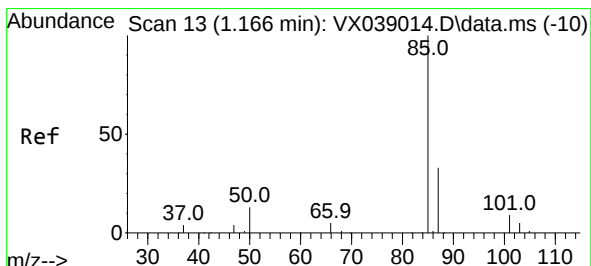
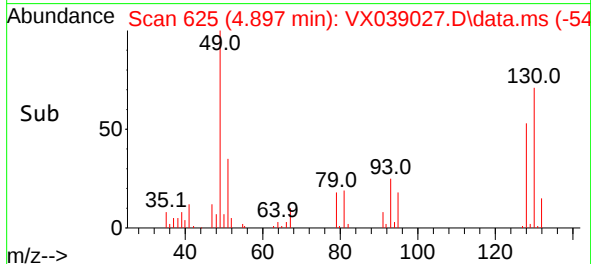
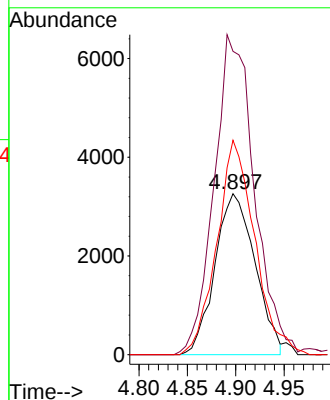
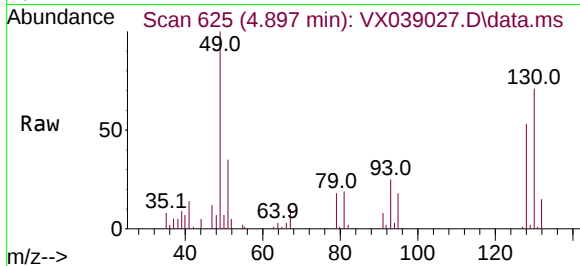




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.897 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

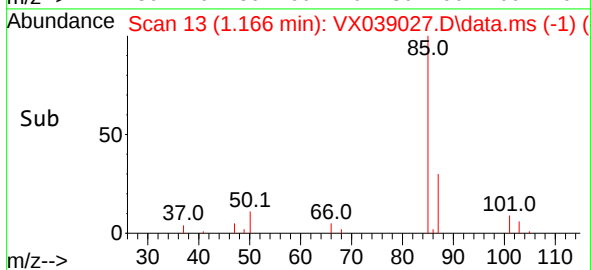
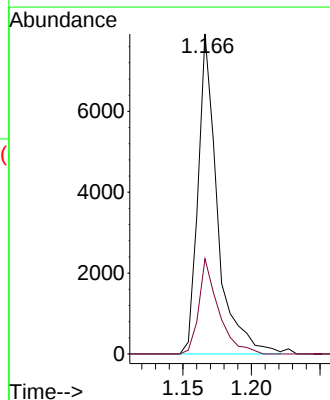
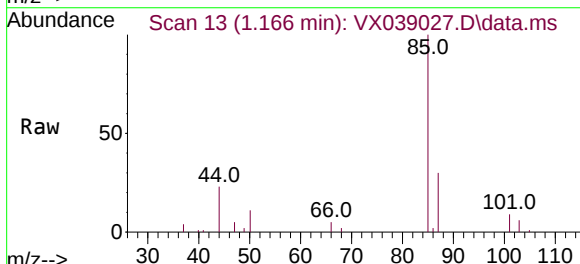
Instrument :  
MSVOA\_X  
ClientSampleId :

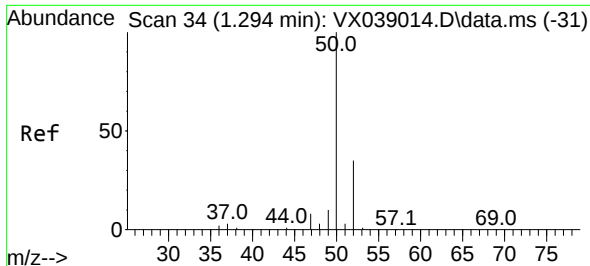
Tgt Ion:128 Resp: 9393  
Ion Ratio Lower Upper  
128 100  
49 199.8 0.0 444.0  
130 126.2 0.0 297.8



#2  
Dichlorodifluoromethane  
Concen: 5.566 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 85 Resp: 7825  
Ion Ratio Lower Upper  
85 100  
87 29.7 16.7 50.1

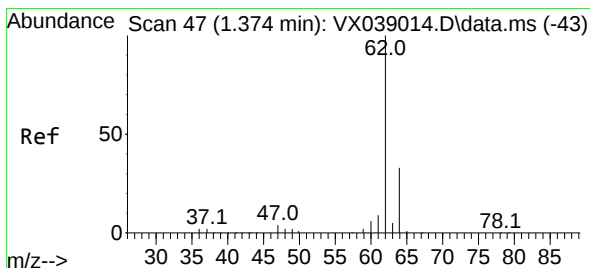
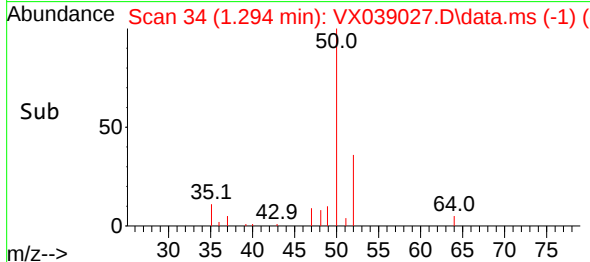
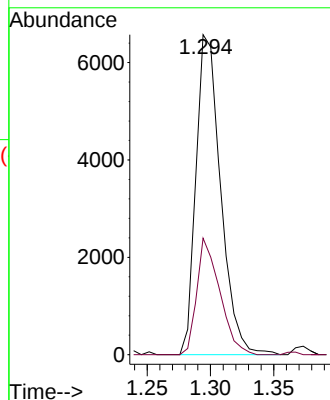
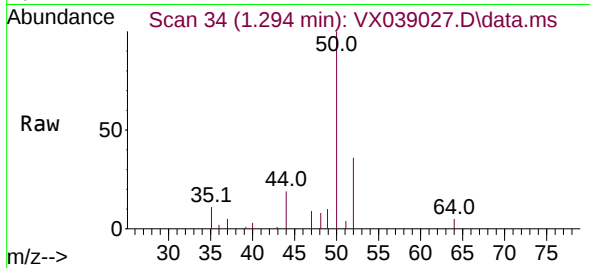




#3  
Chloromethane  
Concen: 5.557 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

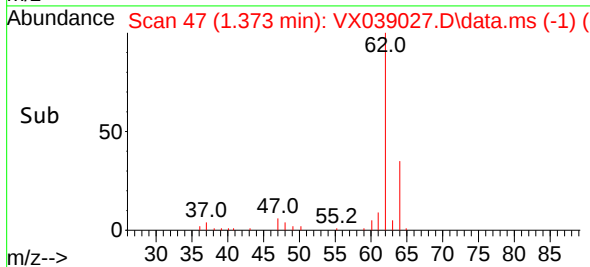
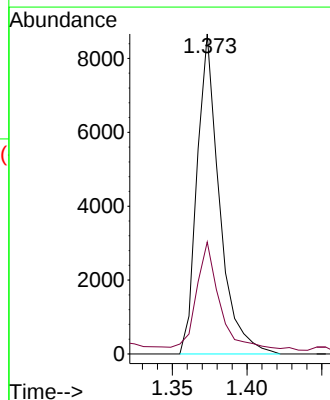
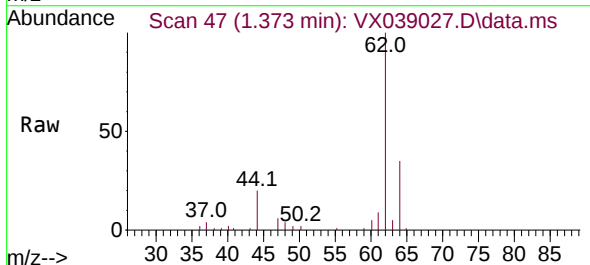
Instrument :  
MSVOA\_X  
ClientSampleId :

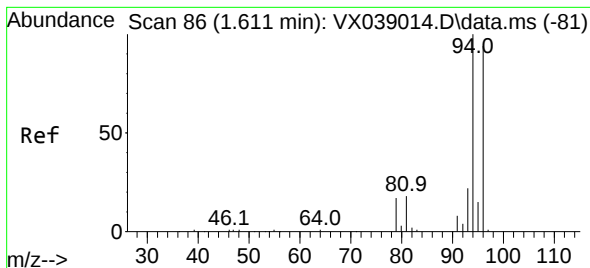
Tgt Ion: 50 Resp: 8945  
Ion Ratio Lower Upper  
50 100  
52 36.4 27.8 41.8



#4  
Vinyl Chloride  
Concen: 5.553 ug/l  
RT: 1.373 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 62 Resp: 9024  
Ion Ratio Lower Upper  
62 100  
64 33.3 26.3 39.5





#5

Bromomethane

Concen: 6.352 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.013 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

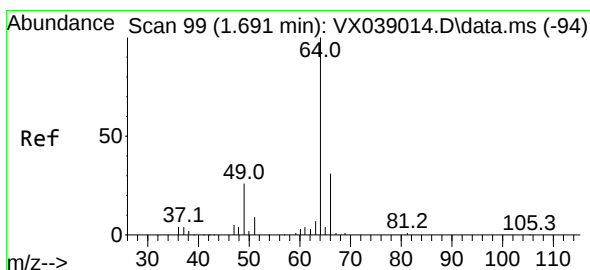
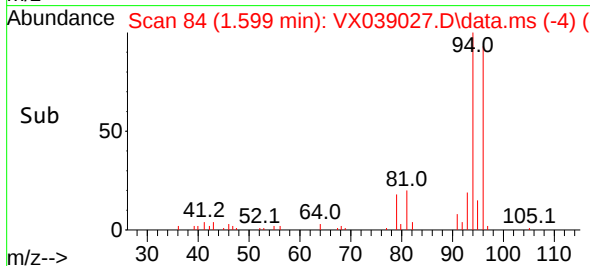
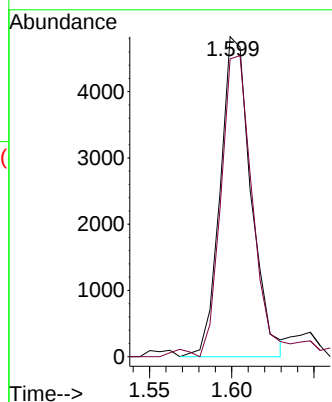
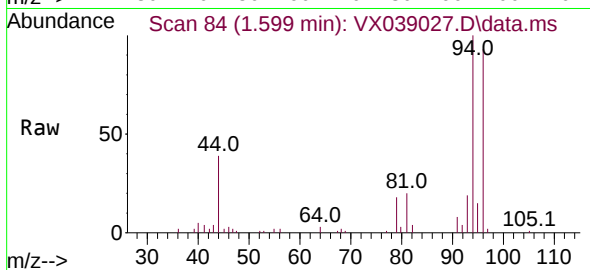
ClientSampleId :

Tgt Ion: 94 Resp: 6314

Ion Ratio Lower Upper

94 100

96 90.8 74.9 112.3



#6

Chloroethane

Concen: 6.339 ug/l

RT: 1.684 min Scan# 98

Delta R.T. -0.006 min

Lab File: VX039027.D

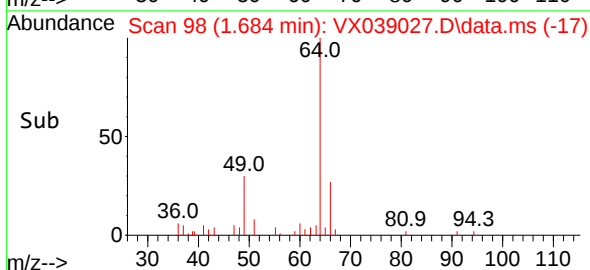
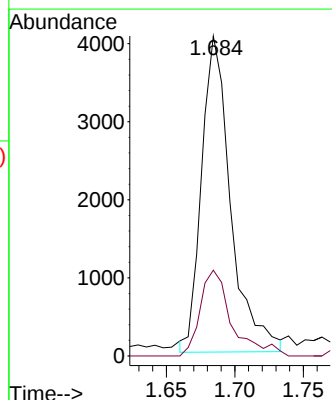
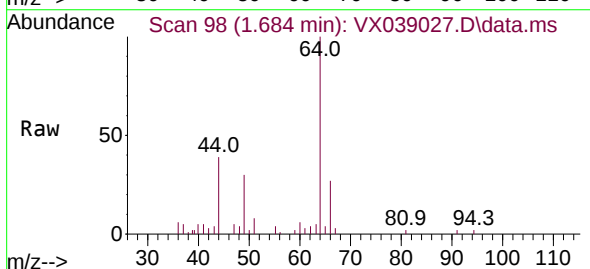
Acq: 24 Nov 2023 16:18

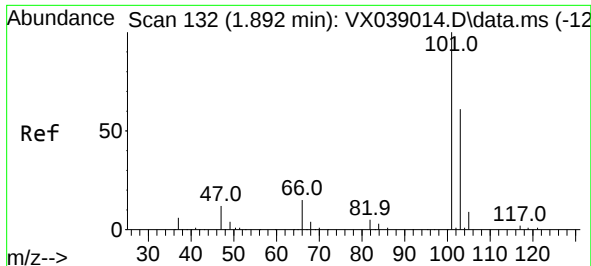
Tgt Ion: 64 Resp: 5999

Ion Ratio Lower Upper

64 100

66 28.1 25.0 37.6

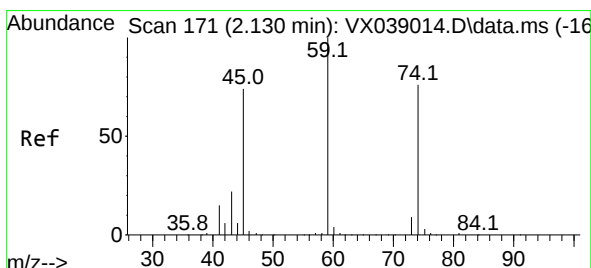
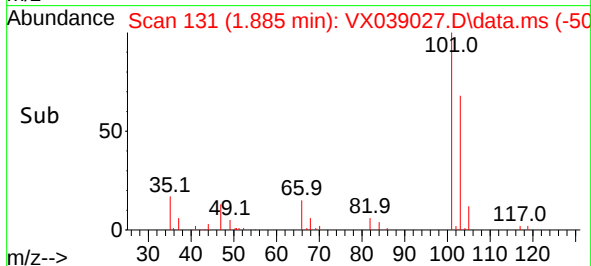
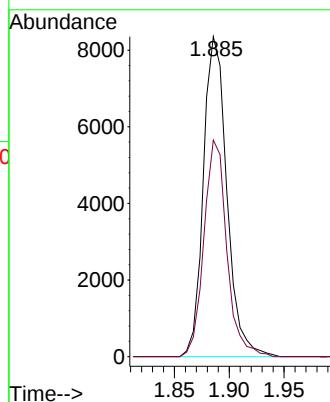
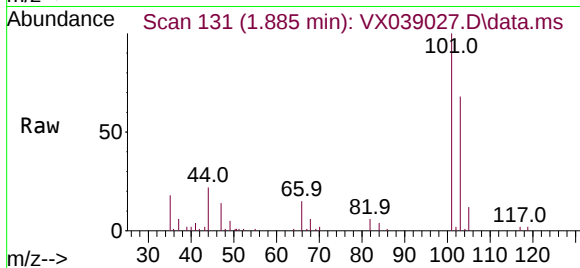




#7  
 Trichlorofluoromethane  
 Concen: 5.558 ug/l  
 RT: 1.885 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VX039027.D  
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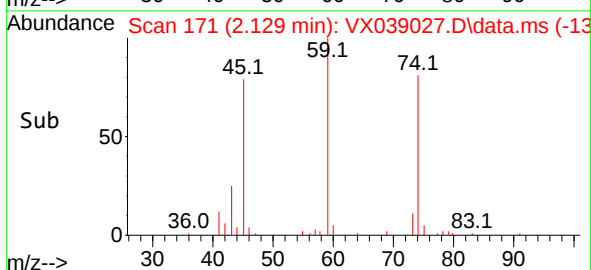
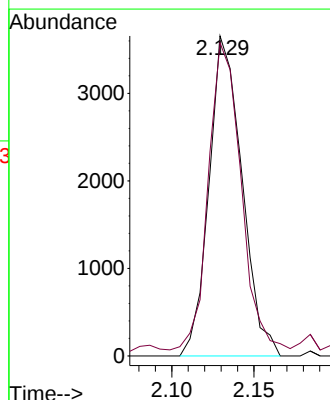
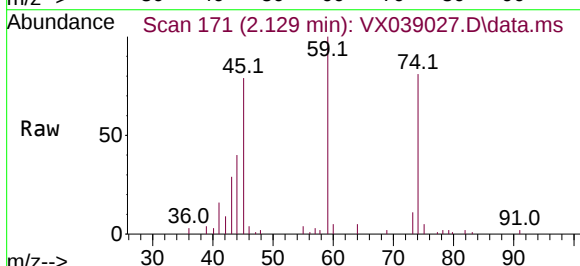
Instrument :  
 MSVOA\_X  
 ClientSampleId :

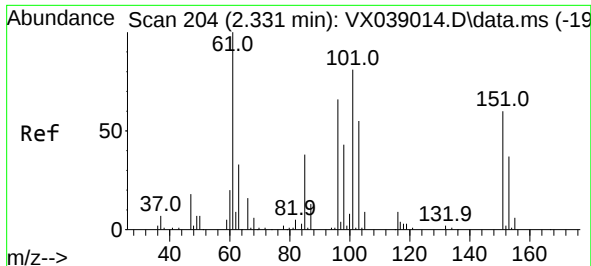
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 Ion Ratio Lower Upper  
 101 100  
 103 67.7 49.1 73.7



#8  
 Diethyl Ether  
 Concen: 5.914 ug/l  
 RT: 2.129 min Scan# 171  
 Delta R.T. -0.000 min  
 Lab File: VX039027.D  
 Acq: 24 Nov 2023 16:18

Tgt Ion: 74 Resp: 5092  
 Ion Ratio Lower Upper  
 74 100  
 45 100.2 20.5 184.5

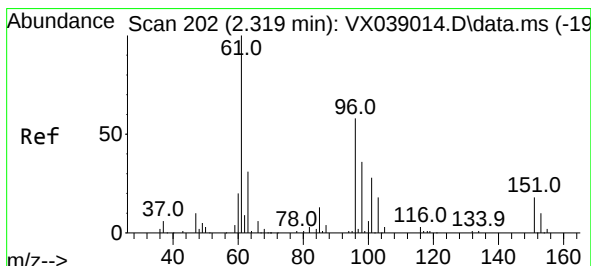
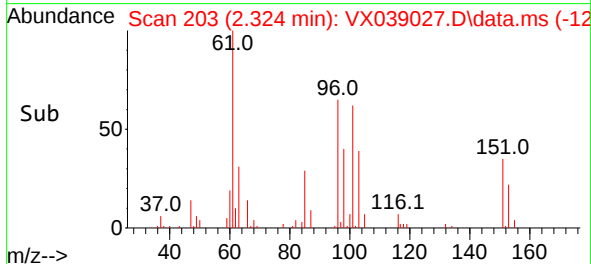
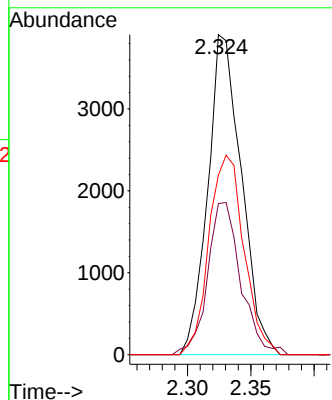
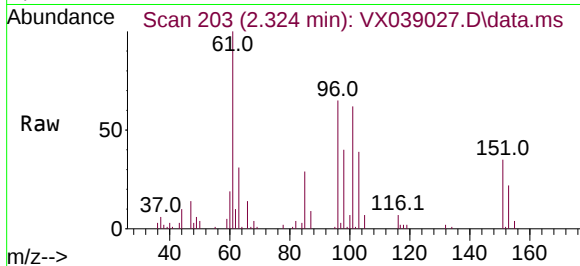




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.702 ug/l  
RT: 2.324 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

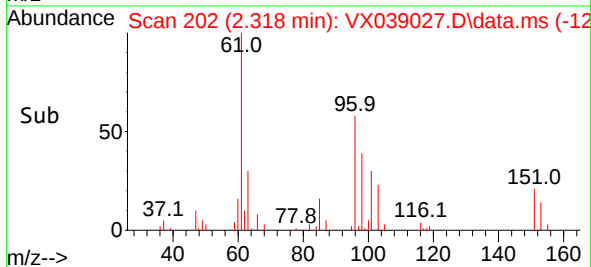
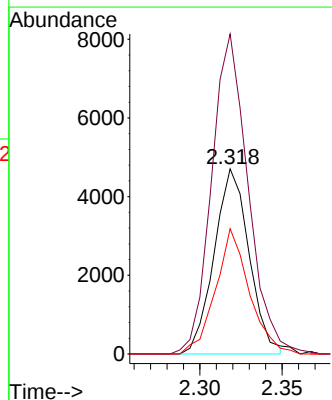
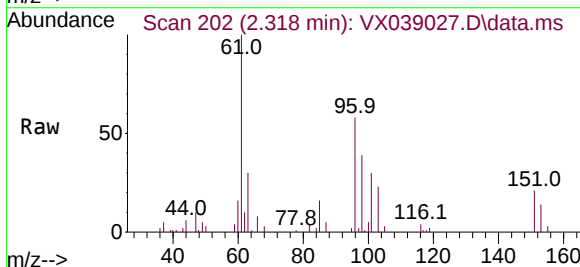
Instrument :  
MSVOA\_X  
ClientSampleId :

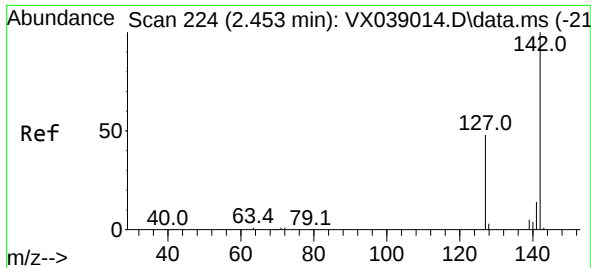
Tgt Ion:101 Resp: 7227  
Ion Ratio Lower Upper  
101 100  
85 46.5 0.0 95.2  
151 65.0 0.0 136.8



#10  
1,1-Dichloroethene  
Concen: 5.440 ug/l  
RT: 2.318 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

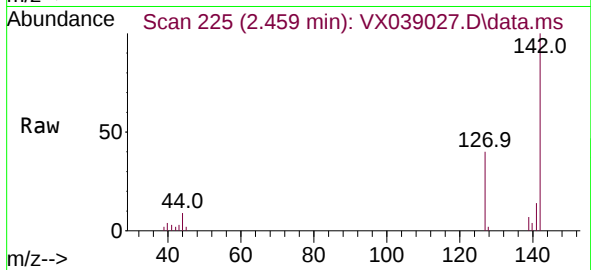
Tgt Ion: 96 Resp: 6951  
Ion Ratio Lower Upper  
96 100  
61 170.7 138.3 207.5  
98 67.7 49.8 74.6



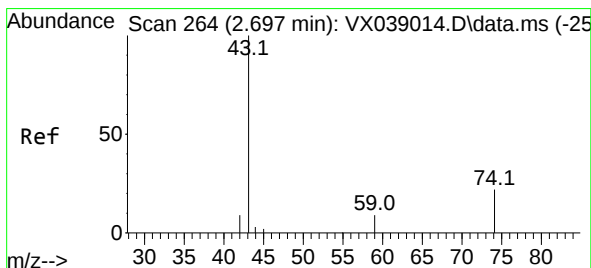
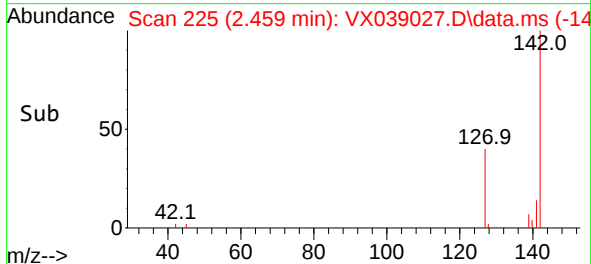
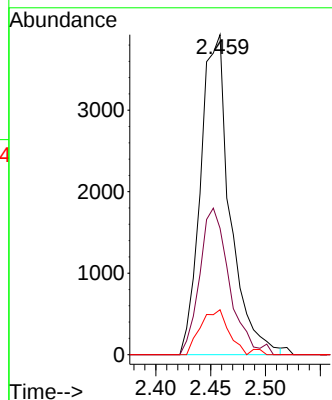


#11  
Methyl Iodide  
Concen: 5.236 ug/l  
RT: 2.459 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Instrument :  
MSVOA\_X  
ClientSampleId :

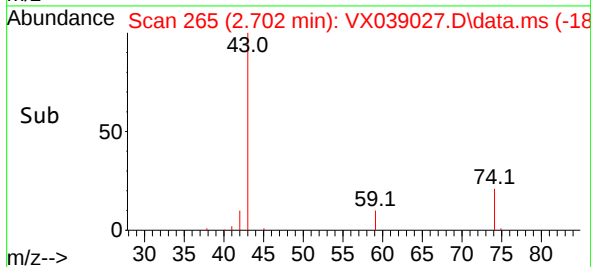
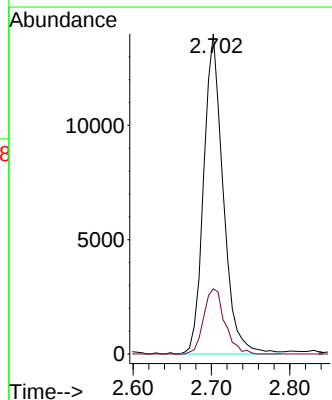
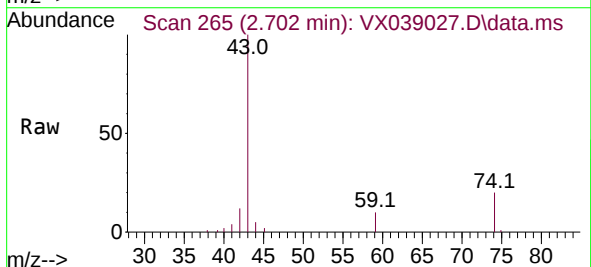


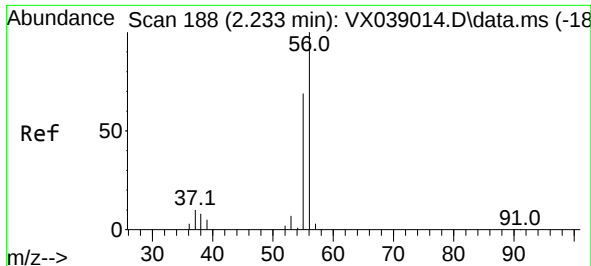
Tgt Ion:142 Resp: 7331  
Ion Ratio Lower Upper  
142 100  
127 39.9 23.8 71.4  
141 14.2 6.9 20.6



#12  
Methyl Acetate  
Concen: 6.081 ug/l  
RT: 2.702 min Scan# 265  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

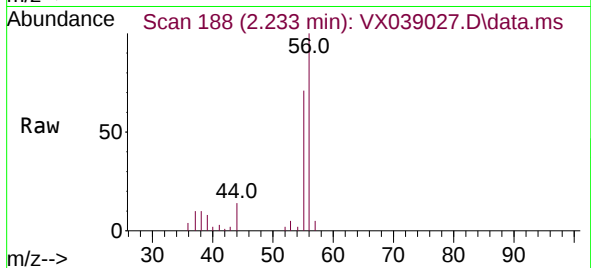
Tgt Ion: 43 Resp: 24233  
Ion Ratio Lower Upper  
43 100  
74 20.4 17.8 26.6



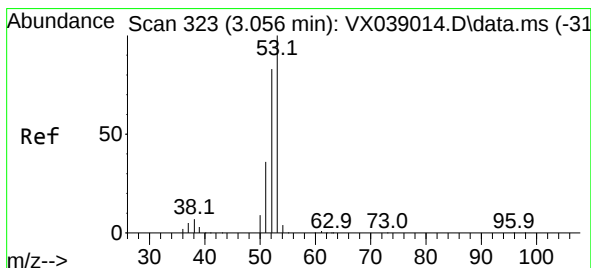
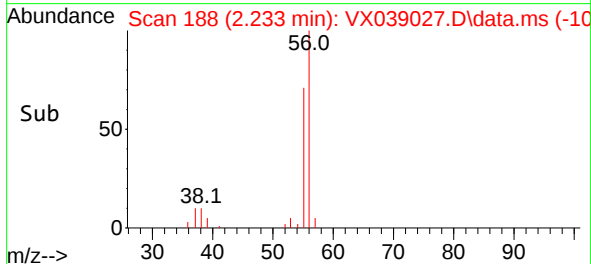
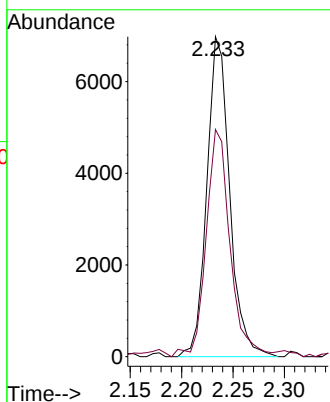


#13  
Acrolein  
Concen: 30.875 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Instrument :  
MSVOA\_X  
ClientSampleId :

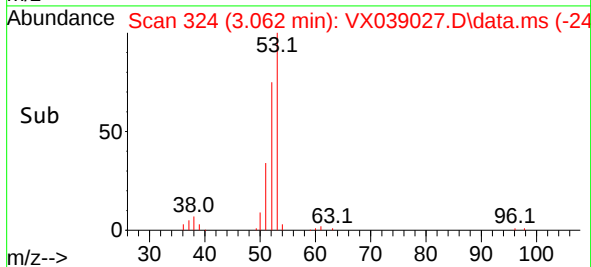
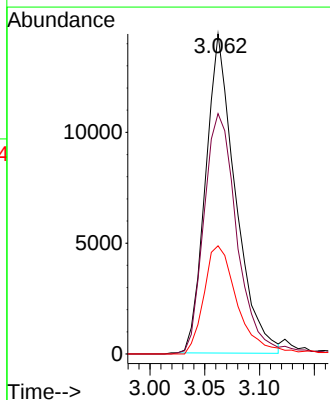
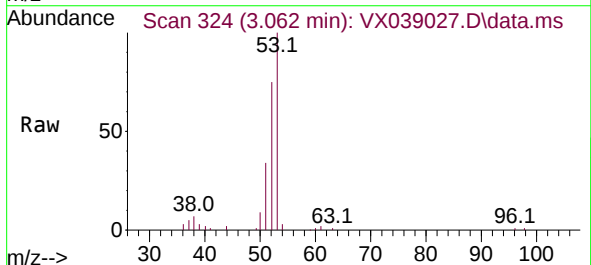


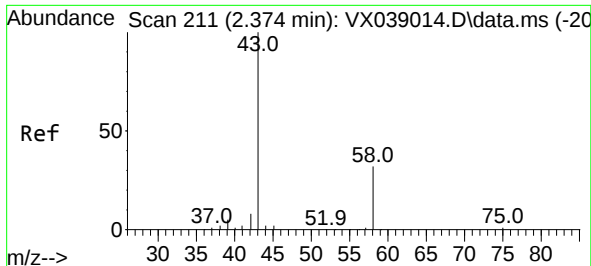
Tgt Ion: 56 Resp: 10778  
Ion Ratio Lower Upper  
56 100  
55 72.1 57.2 85.8



#14  
Acrylonitrile  
Concen: 27.891 ug/l  
RT: 3.062 min Scan# 324  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 53 Resp: 27183  
Ion Ratio Lower Upper  
53 100  
52 84.3 41.9 125.6  
51 38.0 18.3 54.9

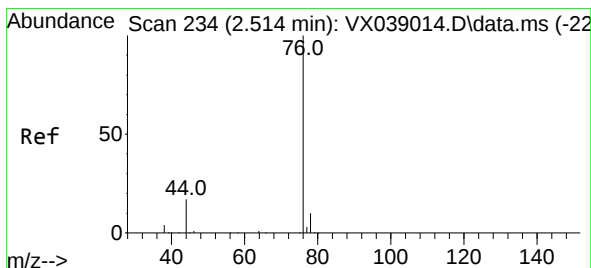
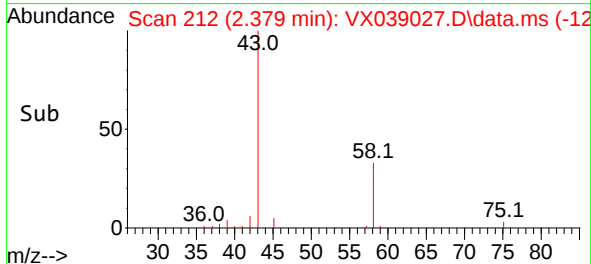
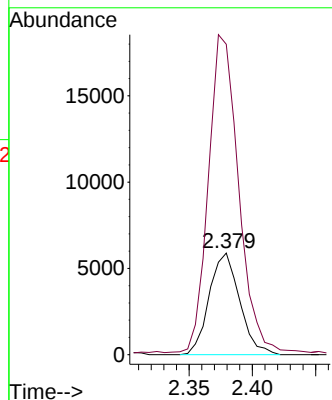
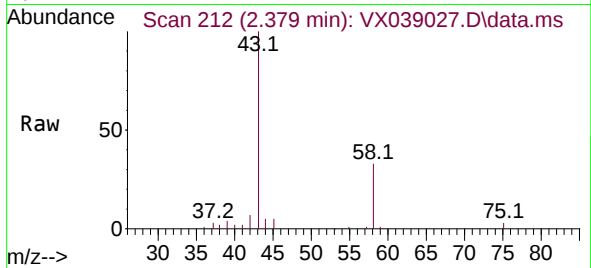




#15  
Acetone  
Concen: 27.764 ug/l  
RT: 2.379 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

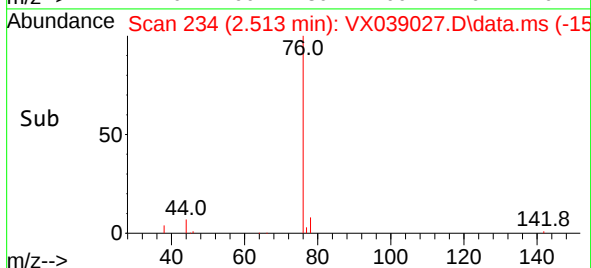
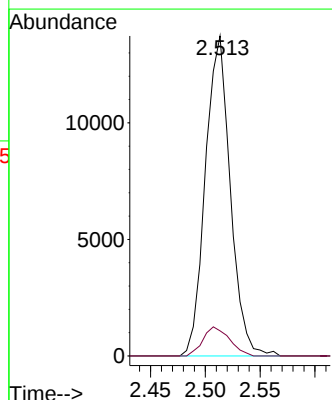
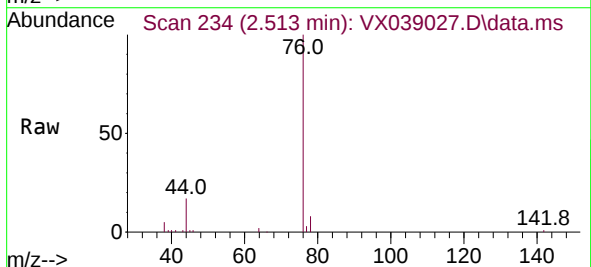
Instrument :  
MSVOA\_X  
ClientSampleId :

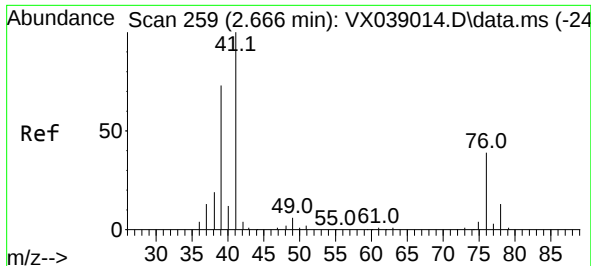
Tgt Ion: 58 Resp: 9836  
Ion Ratio Lower Upper  
58 100  
43 302.7 249.9 374.9



#16  
Carbon Disulfide  
Concen: 5.613 ug/l  
RT: 2.513 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 76 Resp: 21718  
Ion Ratio Lower Upper  
76 100  
78 7.9 8.0 12.0#

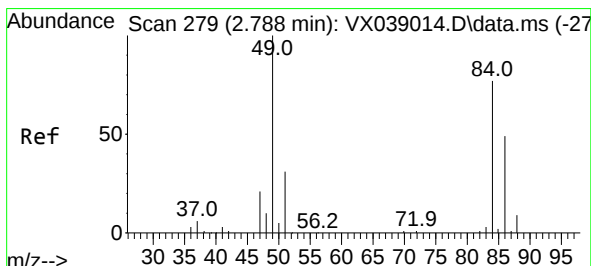
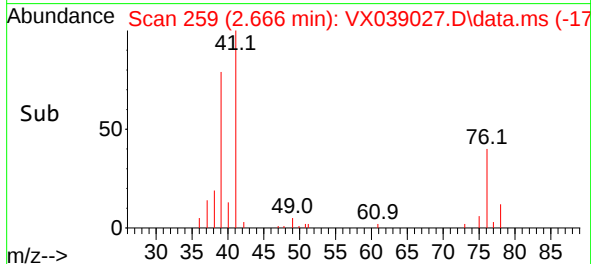
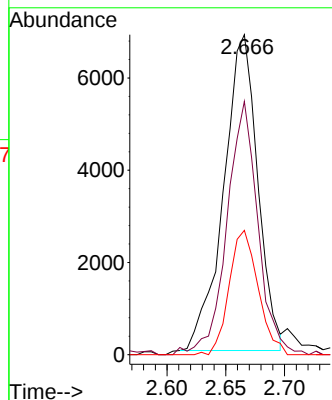
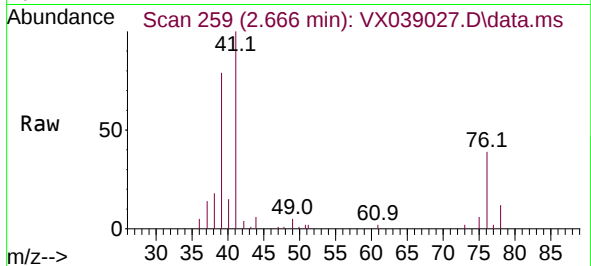




#17  
 Allyl chloride  
 Concen: 5.453 ug/l  
 RT: 2.666 min Scan# 259  
 Delta R.T. -0.000 min  
 Lab File: VX039027.D  
 Acq: 24 Nov 2023 16:18

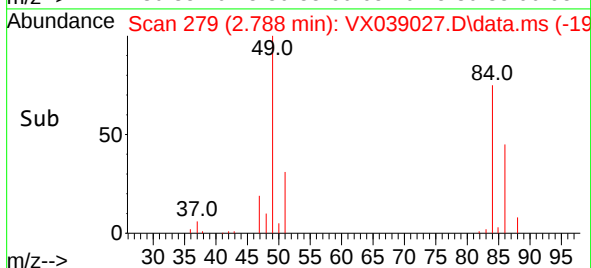
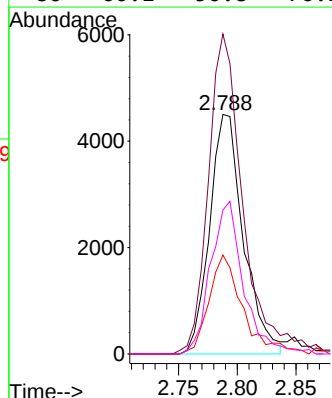
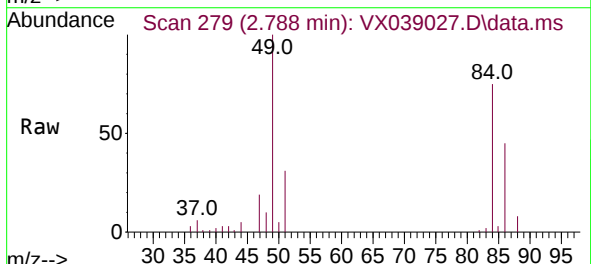
Instrument :  
 MSVOA\_X  
 ClientSampleId :

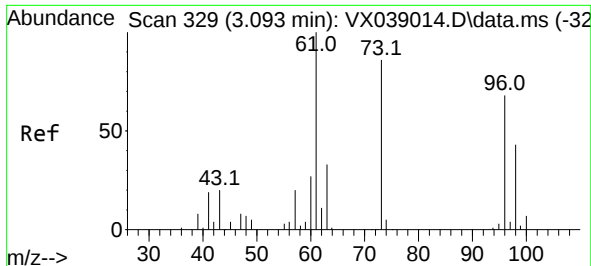
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 13831 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 78.0  | 36.5  | 109.5 |
| 76       | 39.4  | 19.7  | 59.0  |



#18  
 Methylene Chloride  
 Concen: 5.953 ug/l  
 RT: 2.788 min Scan# 279  
 Delta R.T. -0.000 min  
 Lab File: VX039027.D  
 Acq: 24 Nov 2023 16:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 9016  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 132.1 | 103.8 | 155.8 |
| 51       | 41.3  | 31.8  | 47.6  |
| 86       | 60.1  | 50.8  | 76.2  |





#19

trans-1,2-Dichloroethene

Concen: 5.586 ug/l

RT: 3.093 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

ClientSampleId :

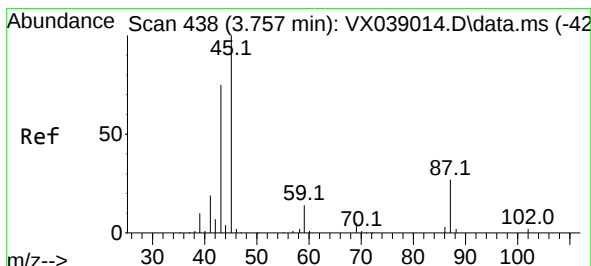
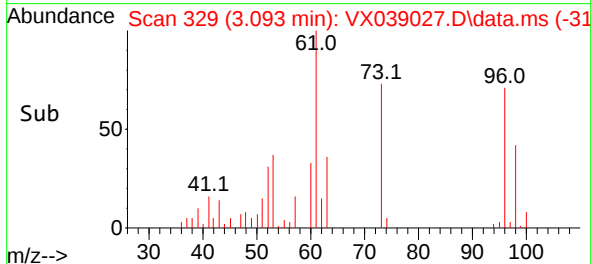
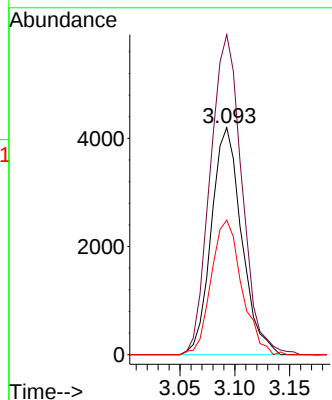
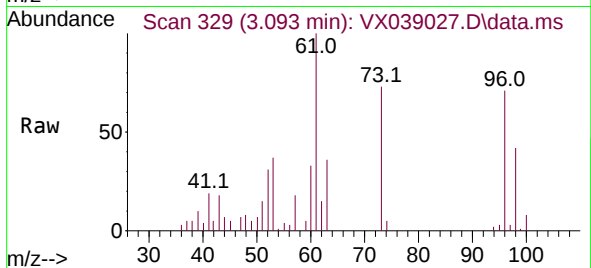
Tgt Ion: 96 Resp: 8072

Ion Ratio Lower Upper

96 100

61 141.0 117.9 176.9

98 59.3 51.0 76.6



#20

Diisopropyl ether

Concen: 5.691 ug/l

RT: 3.763 min Scan# 439

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Tgt Ion: 45 Resp: 27467

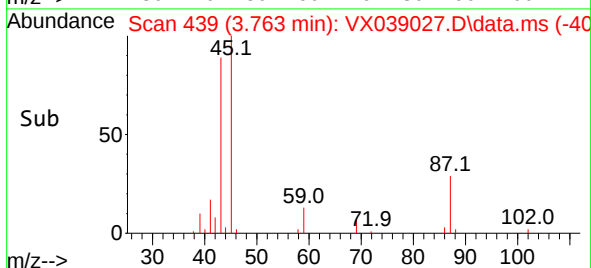
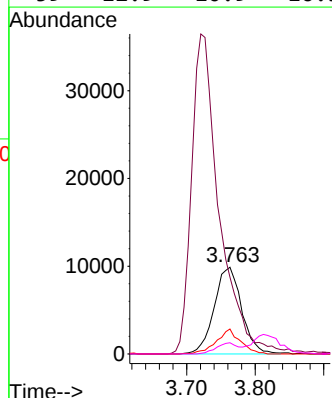
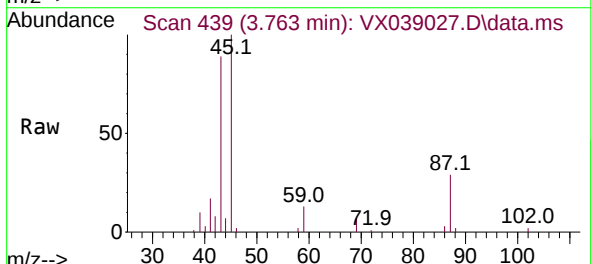
Ion Ratio Lower Upper

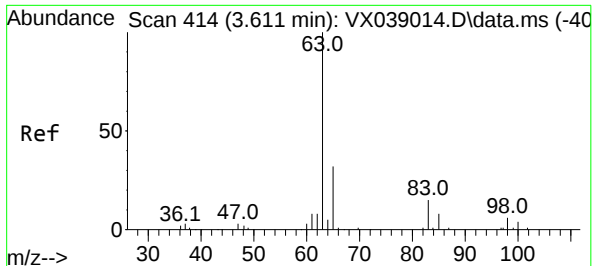
45 100

43 83.5 67.7 101.5

87 28.9 21.5 32.3

59 12.9 10.9 16.3

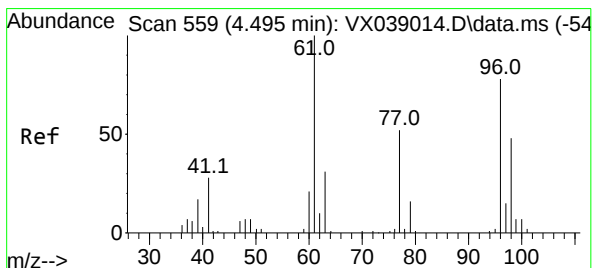
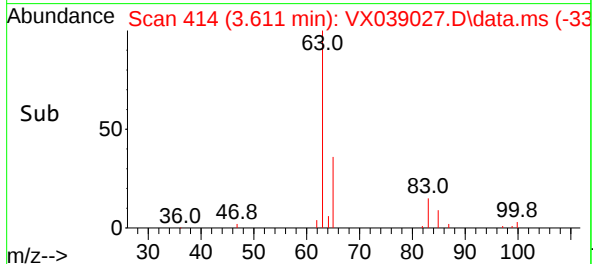
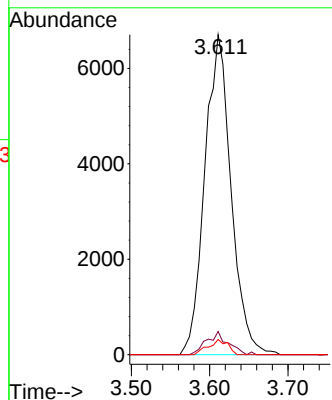
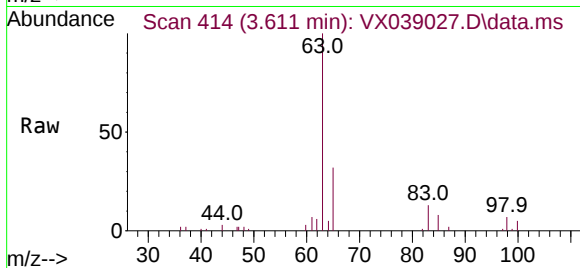




#21  
 1,1-Dichloroethane  
 Concen: 5.829 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX039027.D  
 Acq: 24 Nov 2023 16:18

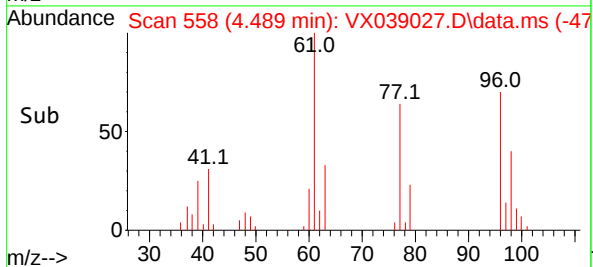
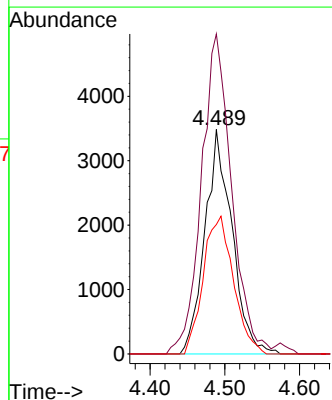
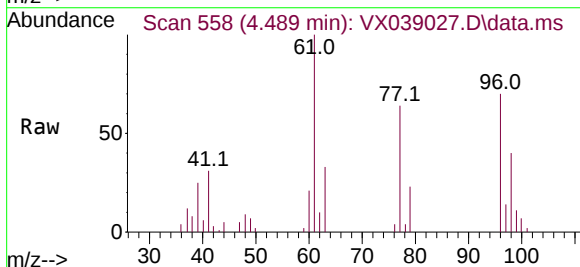
Instrument :  
 MSVOA\_X  
 ClientSampleId :

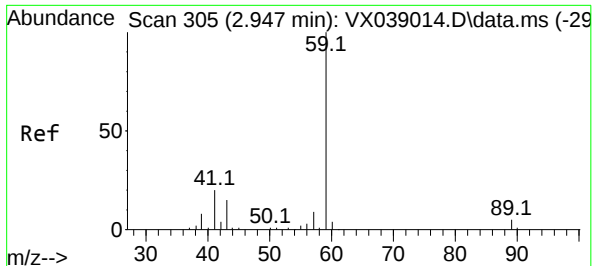
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 15643 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 7.3   | 2.9   | 8.8   |
| 100      | 4.8   | 2.0   | 5.8   |



#22  
 cis-1,2-Dichloroethene  
 Concen: 5.240 ug/l  
 RT: 4.489 min Scan# 558  
 Delta R.T. -0.006 min  
 Lab File: VX039027.D  
 Acq: 24 Nov 2023 16:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 8775  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 158.7 | 119.8 | 179.6 |
| 98       | 68.4  | 50.9  | 76.3  |

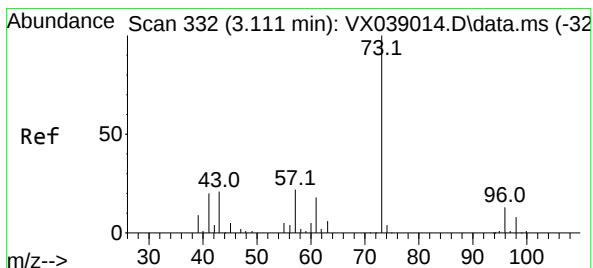
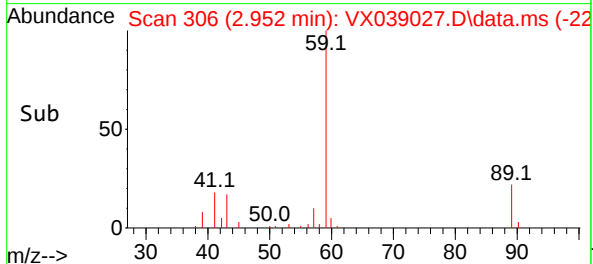
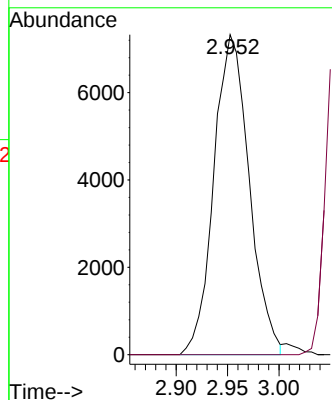
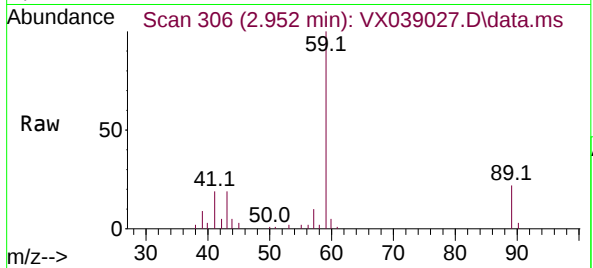




#23  
tert-Butyl Alcohol  
Concen: 32.523 ug/l  
RT: 2.952 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

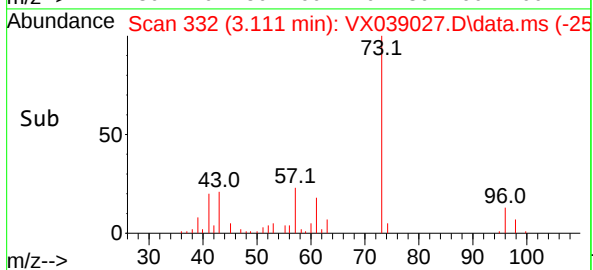
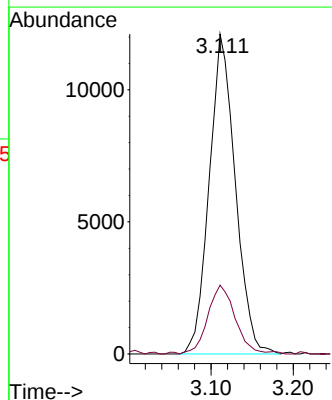
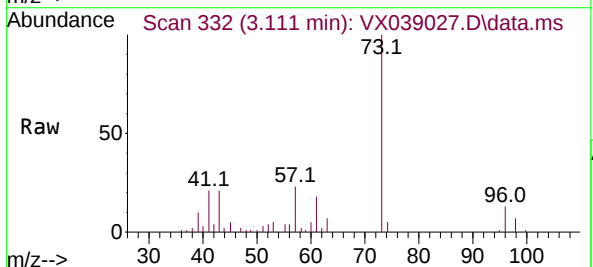
Instrument :  
MSVOA\_X  
ClientSampleId :

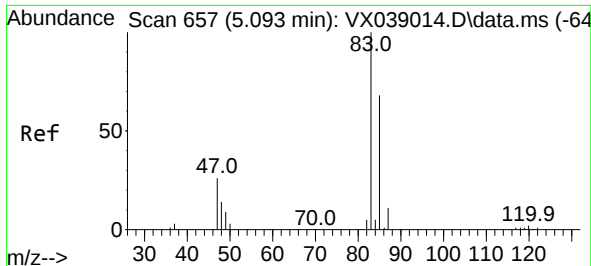
Tgt Ion: 59 Resp: 17548  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 5.669 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 73 Resp: 26680  
Ion Ratio Lower Upper  
73 100  
43 22.4 17.0 25.6

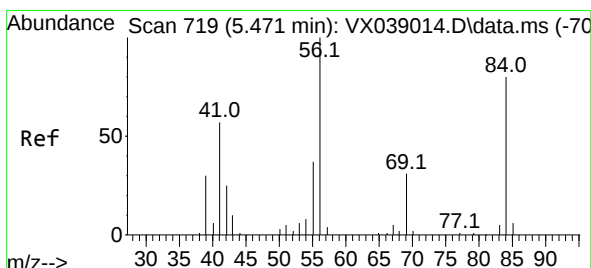
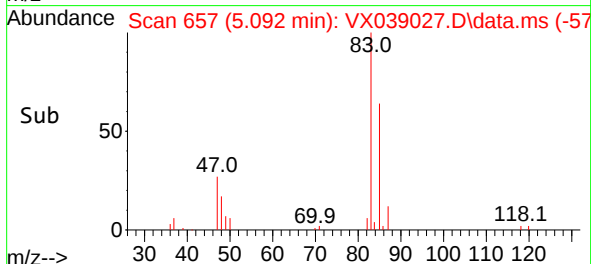
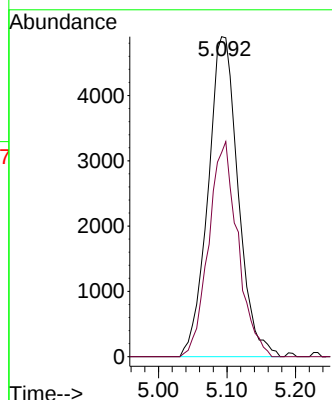
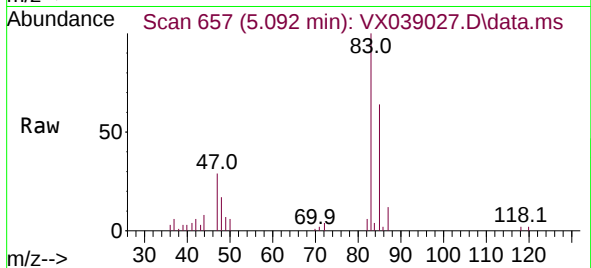




#25  
Chloroform  
Concen: 5.551 ug/l  
RT: 5.092 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

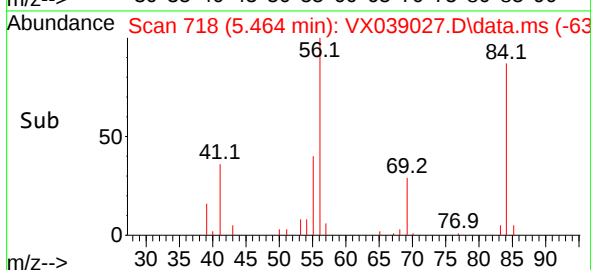
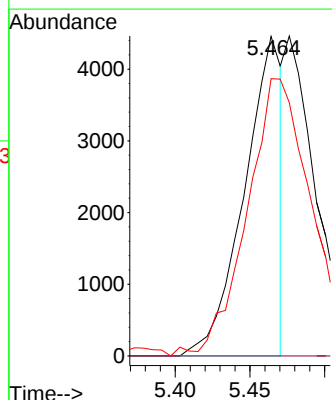
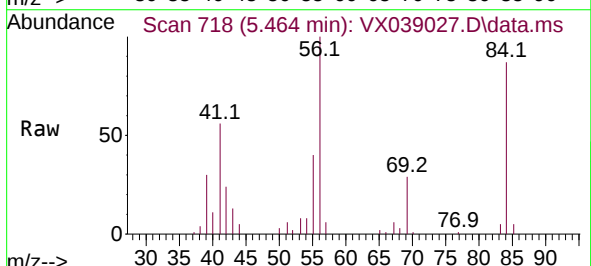
Instrument :  
MSVOA\_X  
ClientSampleId :

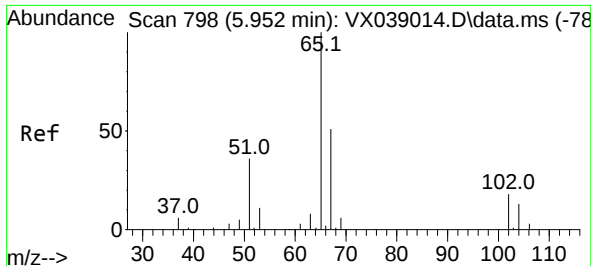
Tgt Ion: 83 Resp: 14951  
Ion Ratio Lower Upper  
83 100  
85 63.8 54.6 81.8



#26  
Cyclohexane  
Concen: 3.210 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 56 Resp: 7796  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 147.4 67.2 100.8#





#27

1,2-Dichloroethane-d4

Concen: 33.944 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

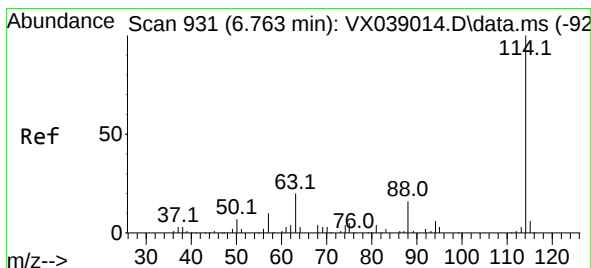
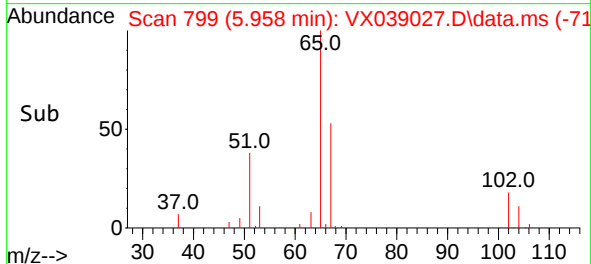
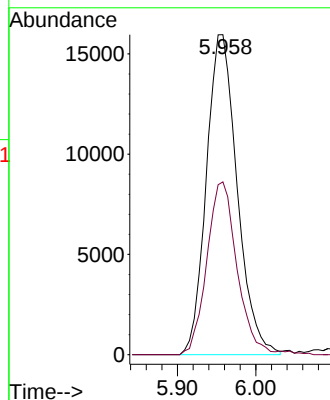
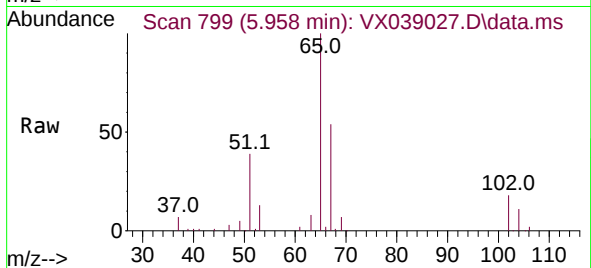
ClientSampleId :

Tgt Ion: 65 Resp: 43619

Ion Ratio Lower Upper

65 100

67 52.6 42.5 63.7



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

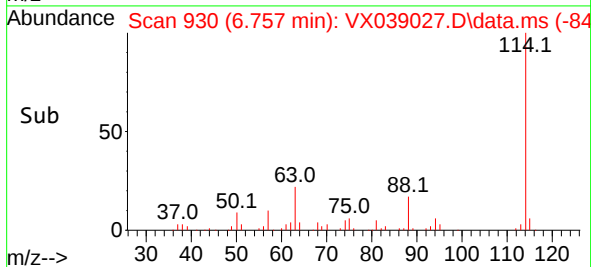
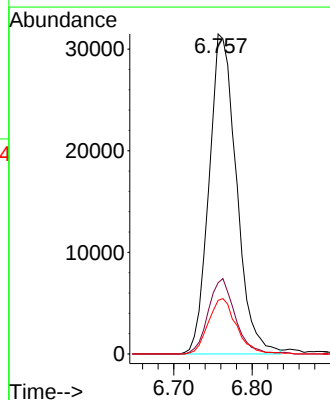
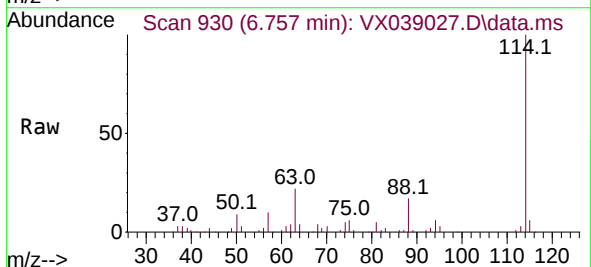
Tgt Ion: 114 Resp: 76676

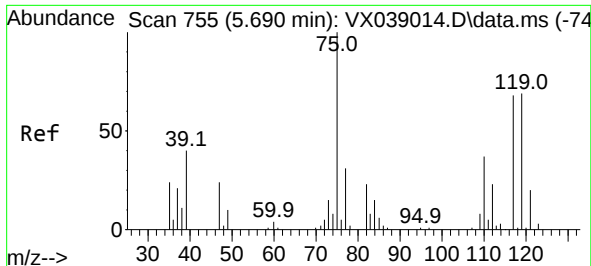
Ion Ratio Lower Upper

114 100

63 22.9 17.0 25.4

88 17.7 12.7 19.1





#29

1,1-Dichloropropene

Concen: 5.216 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

ClientSampleId :

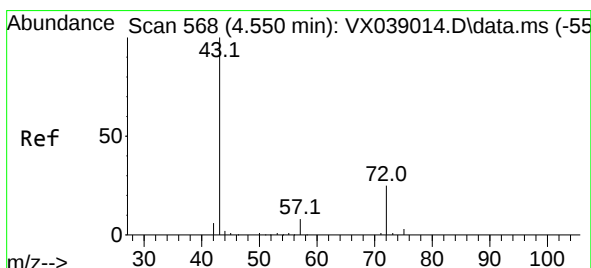
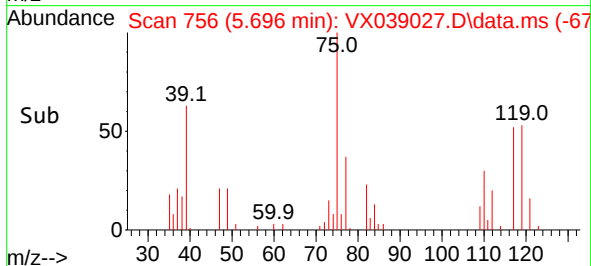
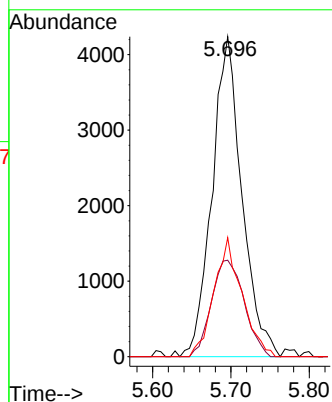
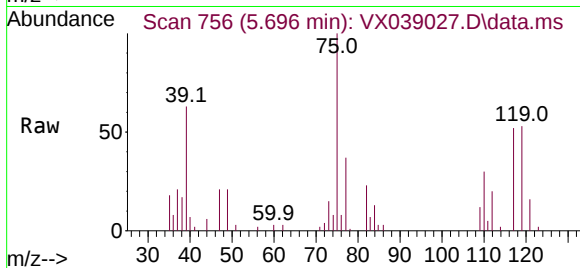
Tgt Ion: 75 Resp: 11212

Ion Ratio Lower Upper

75 100

110 33.1 0.0 71.2

77 34.7 0.0 62.6



#30

2-Butanone

Concen: 27.430 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

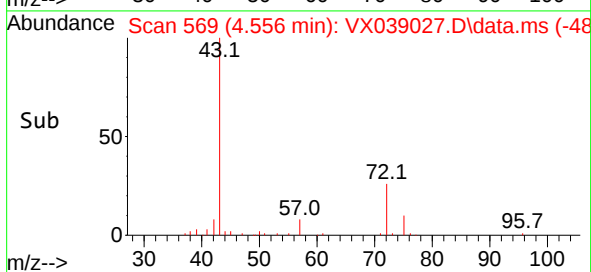
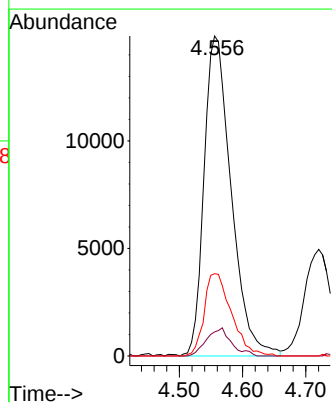
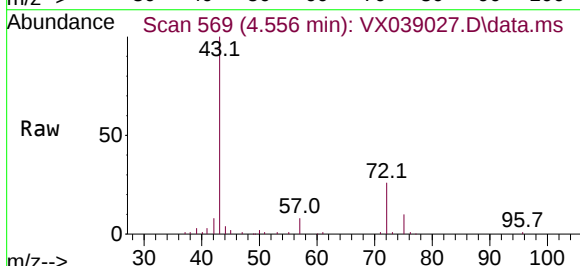
Tgt Ion: 43 Resp: 44391

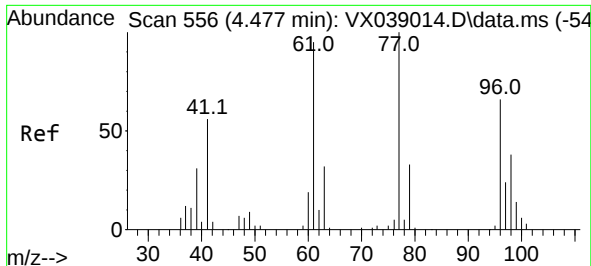
Ion Ratio Lower Upper

43 100

57 7.5 6.6 10.0

72 25.7 20.6 31.0

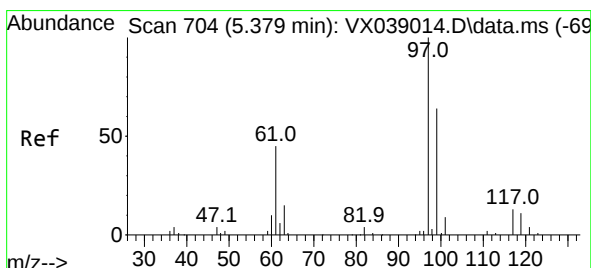
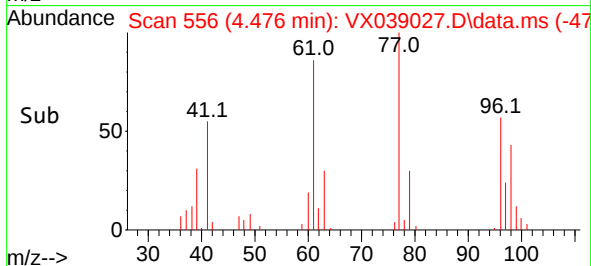
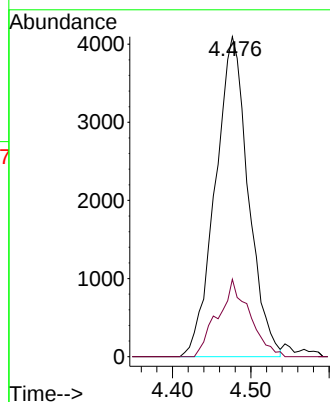
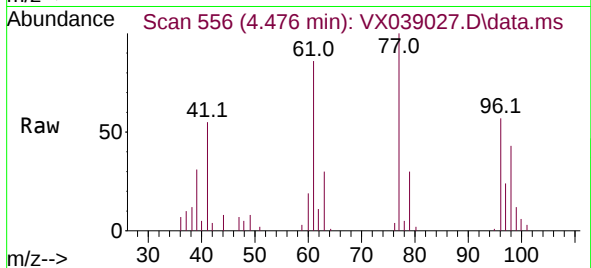




#31  
2,2-Dichloropropane  
Concen: 4.874 ug/l  
RT: 4.476 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

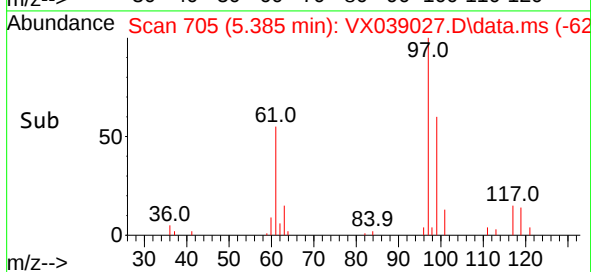
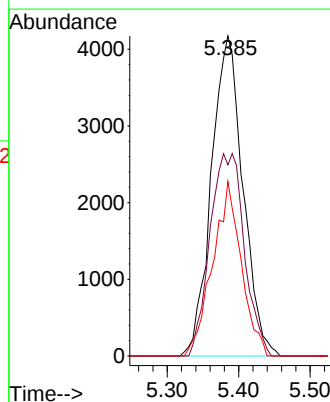
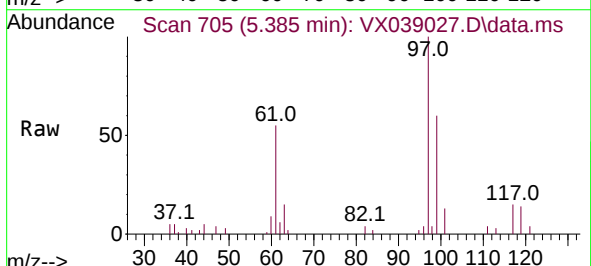
Instrument :  
MSVOA\_X  
ClientSampleId :

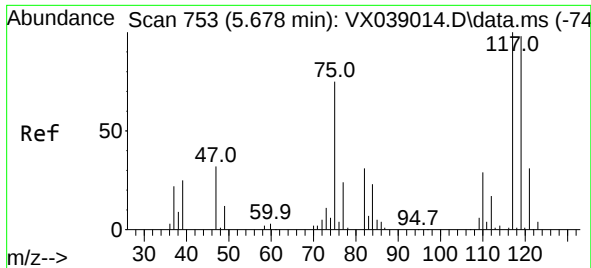
Tgt Ion: 77 Resp: 11978  
Ion Ratio Lower Upper  
77 100  
97 23.3 18.2 27.4



#32  
1,1,1-Trichloroethane  
Concen: 5.147 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

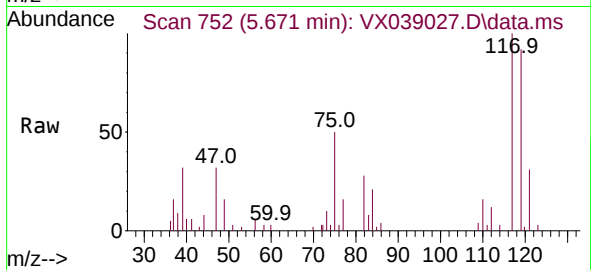
Tgt Ion: 97 Resp: 12787  
Ion Ratio Lower Upper  
97 100  
99 38.9 52.6 79.0#  
61 49.4 36.9 55.3



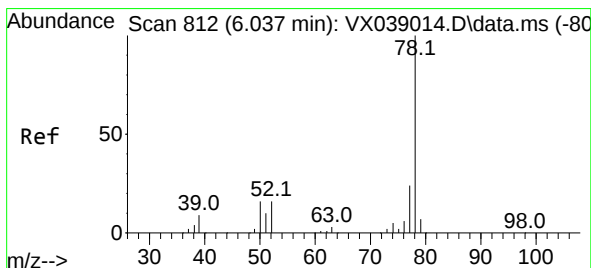
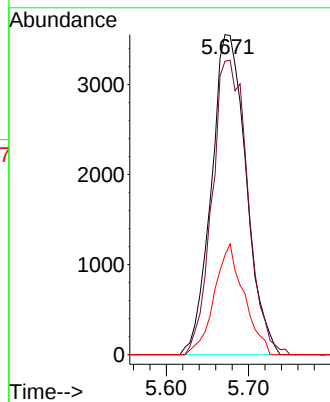
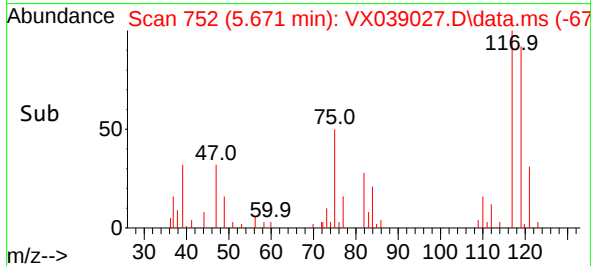


#33  
Carbon Tetrachloride  
Concen: 4.992 ug/l  
RT: 5.671 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Instrument :  
MSVOA\_X  
ClientSampleId :

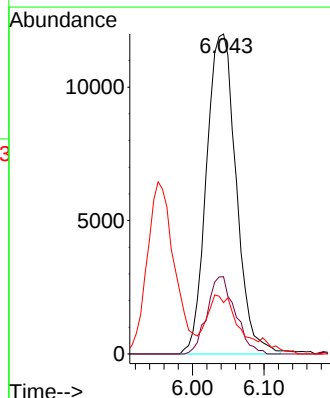
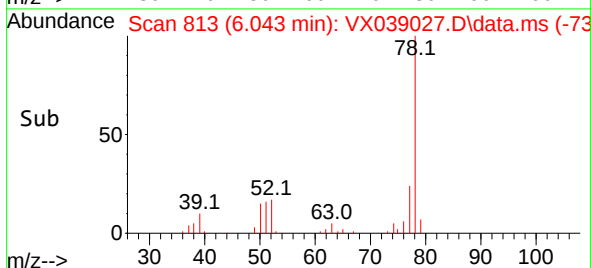
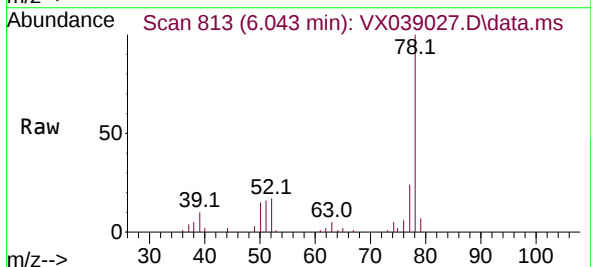


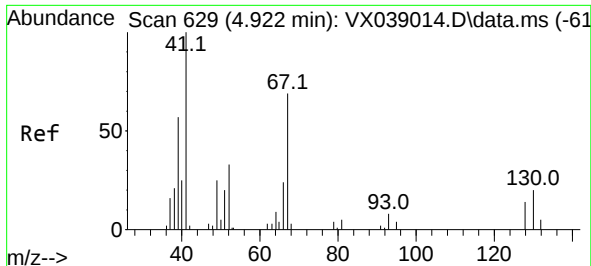
Tgt Ion:117 Resp: 10447  
Ion Ratio Lower Upper  
117 100  
119 91.7 78.2 117.4  
121 31.1 24.7 37.1



#34  
Benzene  
Concen: 5.519 ug/l  
RT: 6.043 min Scan# 813  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

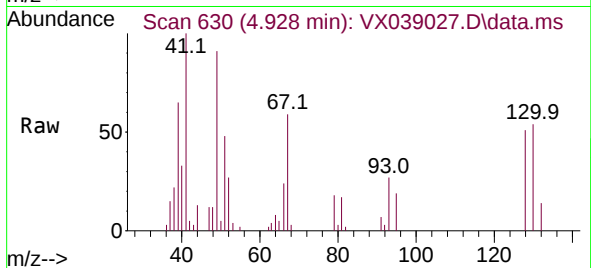
Tgt Ion: 78 Resp: 34554  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.3 28.9  
51 14.6 14.4 21.6



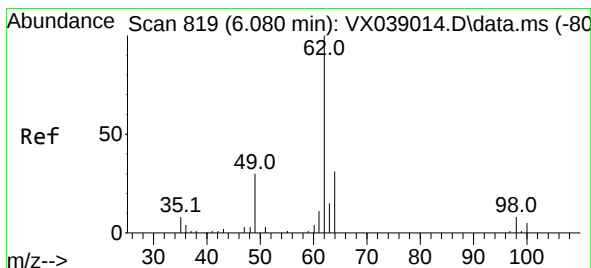
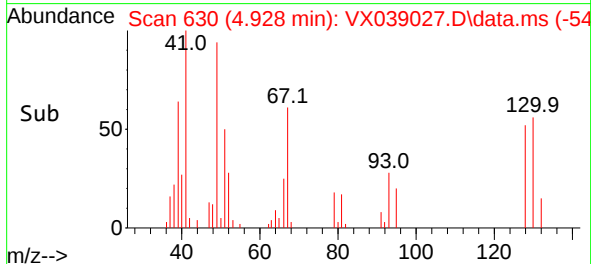
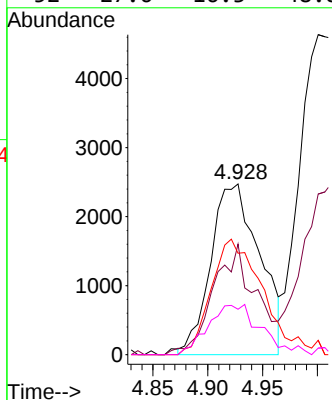


#35  
Methacrylonitrile  
Concen: 5.351 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Instrument :  
MSVOA\_X  
ClientSampleId :

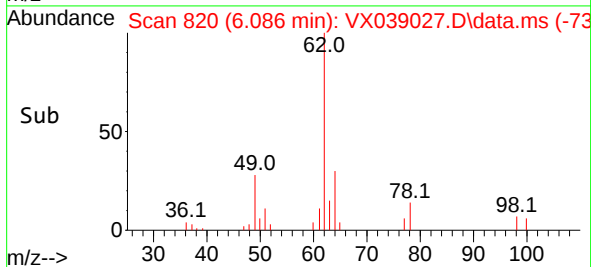
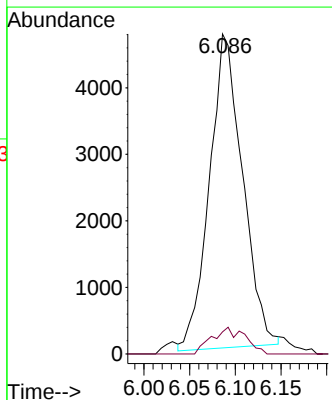
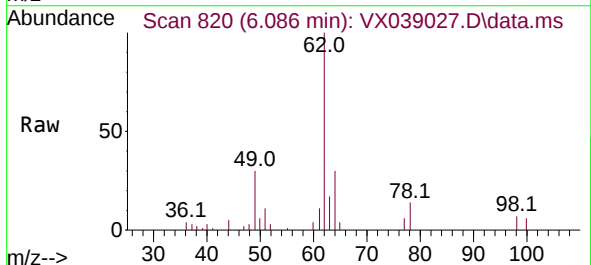


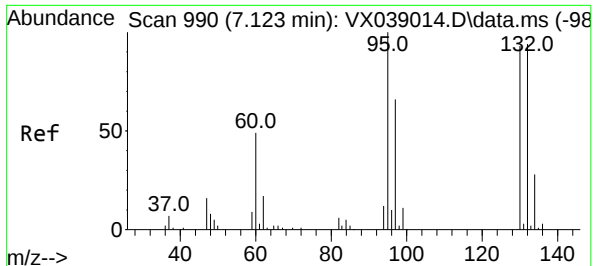
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 7670  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 63.1  | 28.2  | 84.7  |
| 67       | 61.5  | 34.5  | 103.5 |
| 52       | 27.6  | 16.3  | 48.8  |



#36  
1,2-Dichloroethane  
Concen: 5.170 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 11879 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 5.5   | 7.0   | 10.4# |





#37

Trichloroethene

Concen: 5.333 ug/l

RT: 7.128 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

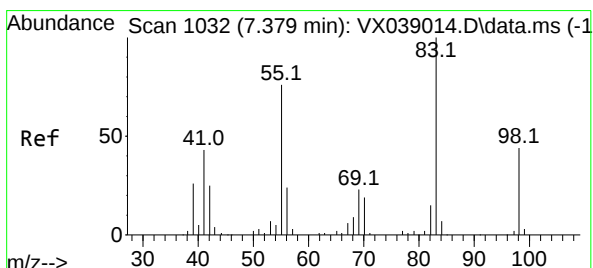
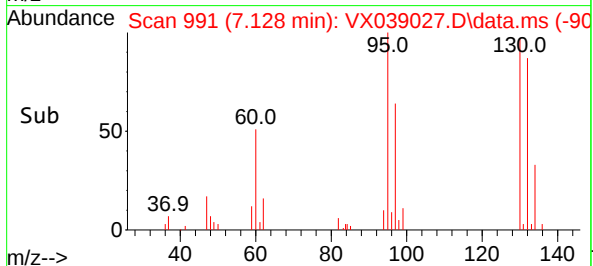
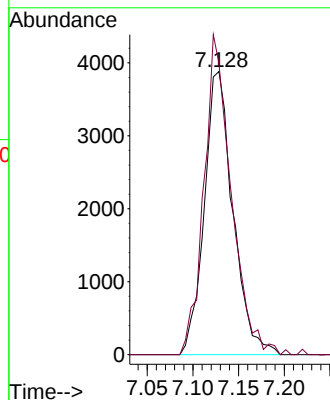
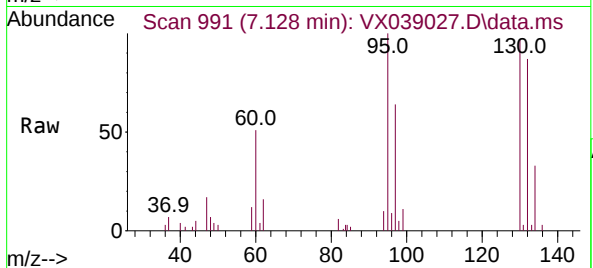
ClientSampleId :

Tgt Ion:130 Resp: 8475

Ion Ratio Lower Upper

130 100

95 102.9 85.8 128.8



#38

Methylcyclohexane

Concen: 5.240 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

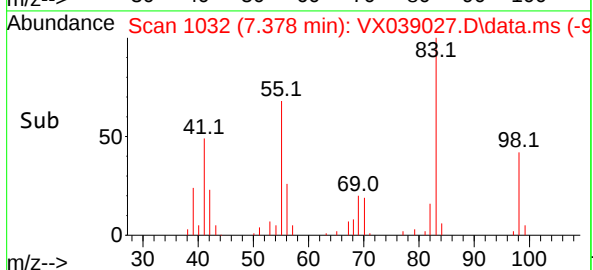
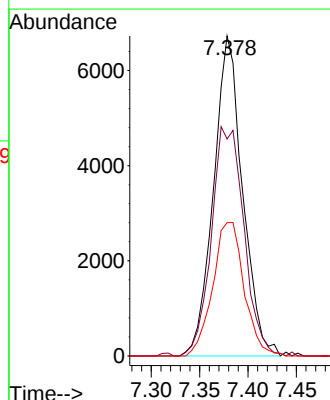
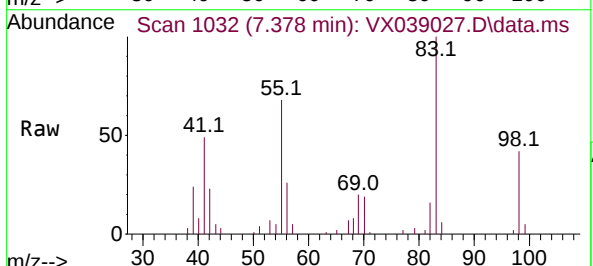
Tgt Ion: 83 Resp: 14034

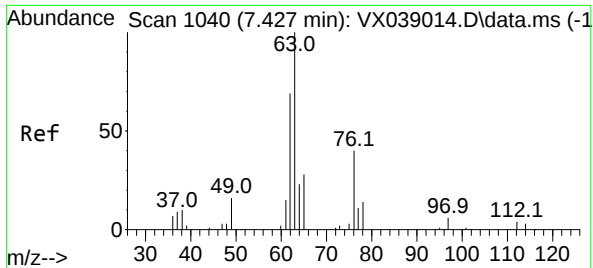
Ion Ratio Lower Upper

83 100

55 79.9 38.6 116.0

98 45.1 22.3 66.8





#39

1,2-Dichloropropane

Concen: 5.221 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

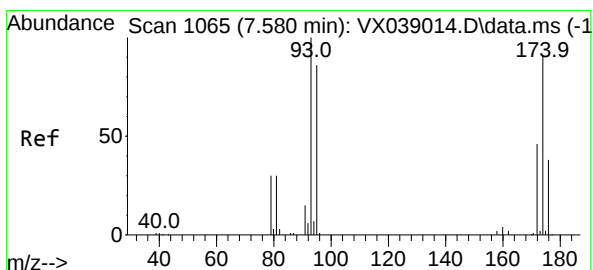
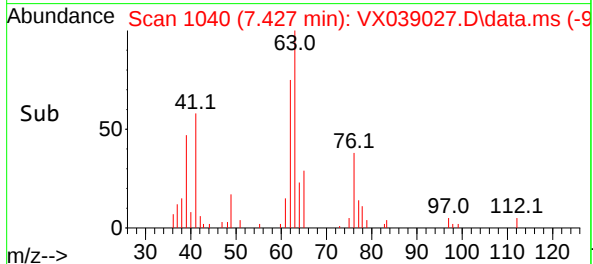
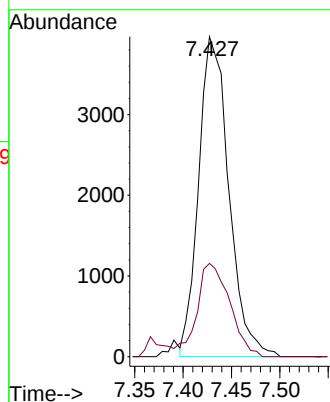
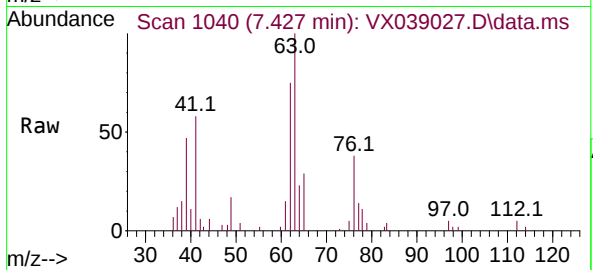
ClientSampleId :

Tgt Ion: 63 Resp: 8621

Ion Ratio Lower Upper

63 100

65 29.2 24.6 37.0



#40

Dibromomethane

Concen: 5.090 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

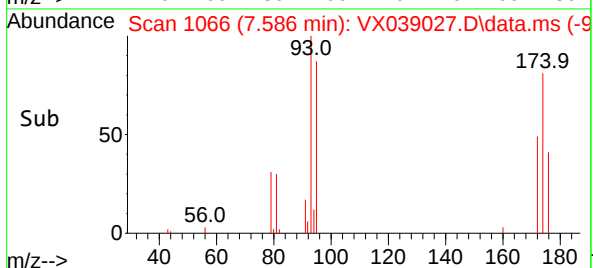
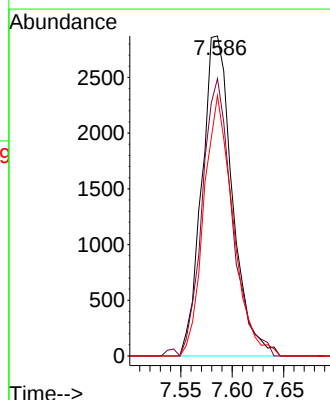
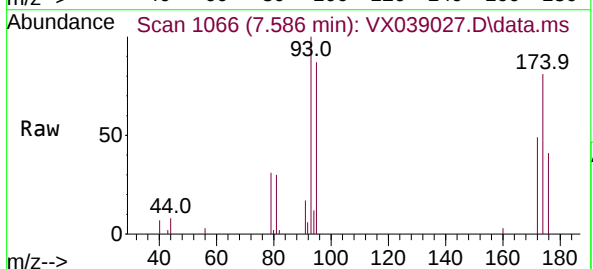
Tgt Ion: 93 Resp: 5939

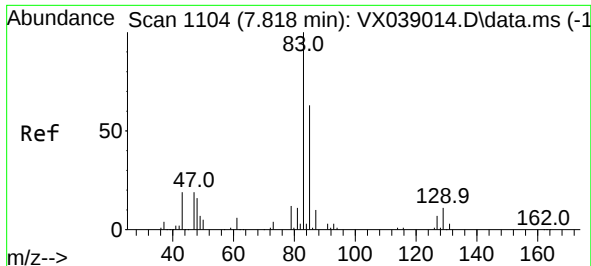
Ion Ratio Lower Upper

93 100

95 84.8 0.0 163.4

174 77.9 0.0 166.4

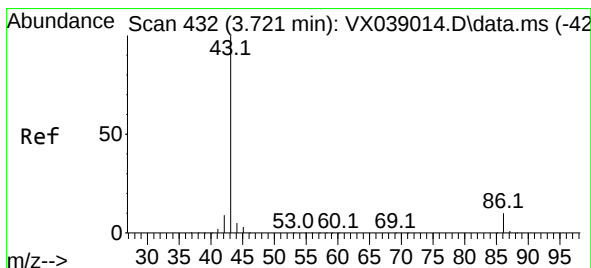
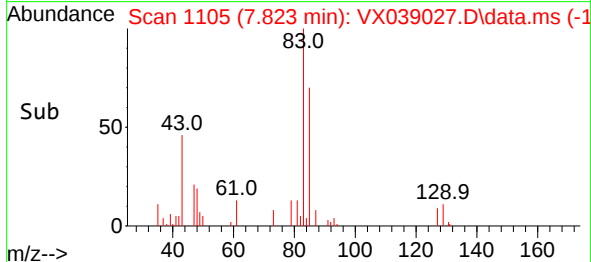
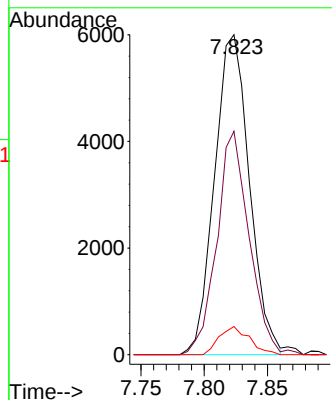
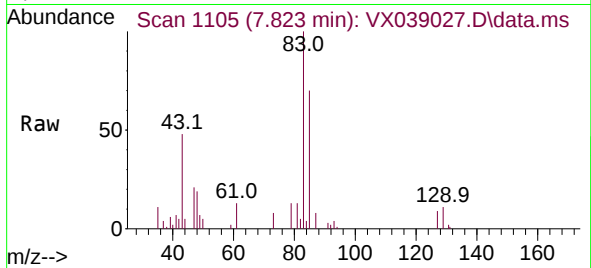




#41  
Bromodichloromethane  
Concen: 5.128 ug/l  
RT: 7.823 min Scan# 1104  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

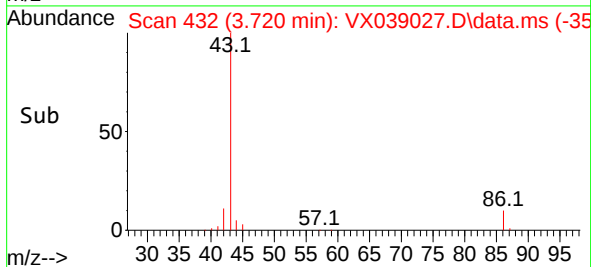
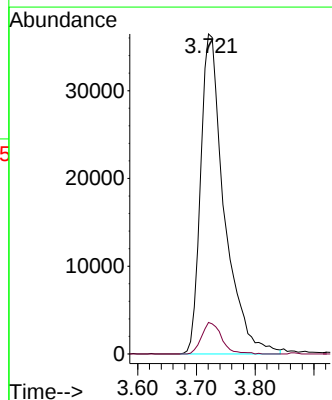
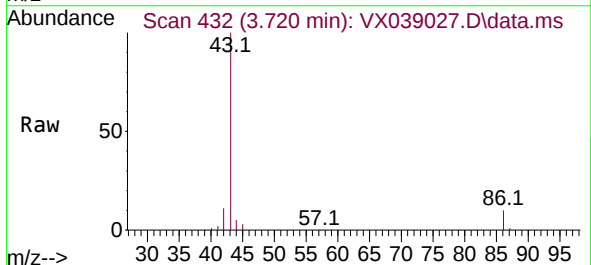
Instrument :  
MSVOA\_X  
ClientSampleId :

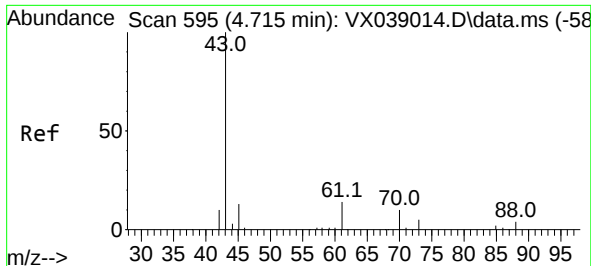
Tgt Ion: 83 Resp: 11495  
Ion Ratio Lower Upper  
83 100  
85 69.8 50.8 76.2  
127 8.8 5.9 8.9



#42  
Vinyl Acetate  
Concen: 26.472 ug/l  
RT: 3.720 min Scan# 432  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 43 Resp: 102035  
Ion Ratio Lower Upper  
43 100  
86 8.2 6.7 10.1

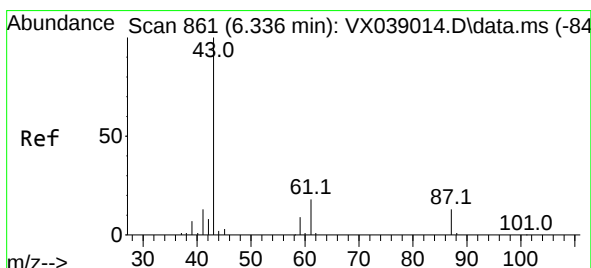
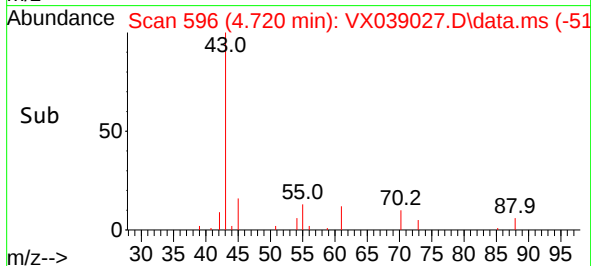
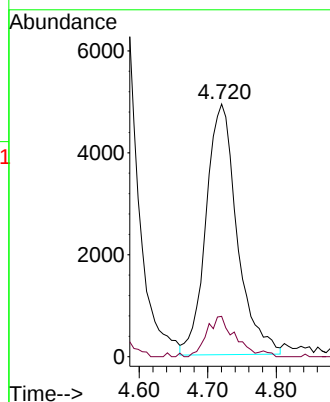
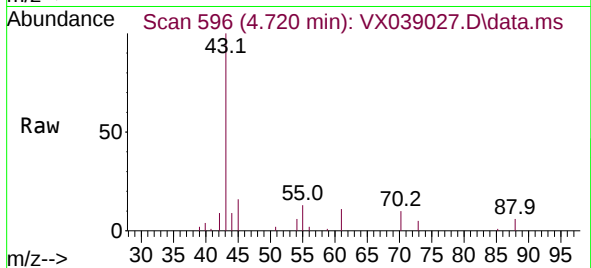




#43  
Ethyl Acetate  
Concen: 5.578 ug/l  
RT: 4.720 min Scan# 595  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

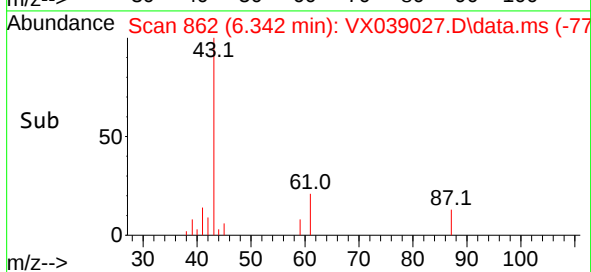
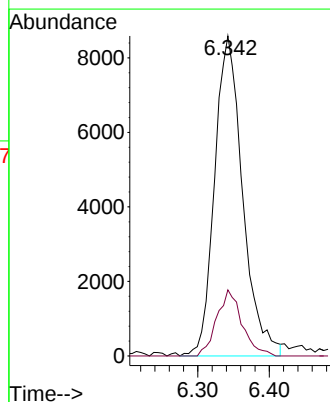
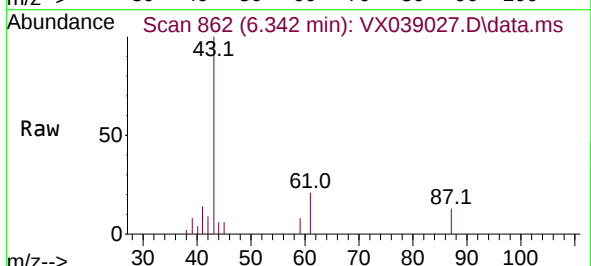
Instrument :  
MSVOA\_X  
ClientSampleId :

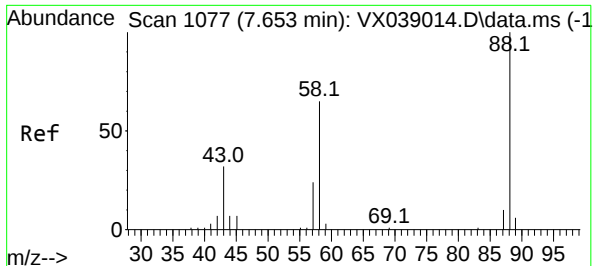
Tgt Ion: 43 Resp: 15530  
Ion Ratio Lower Upper  
43 100  
45 14.2 11.8 17.8



#44  
Isopropyl Acetate  
Concen: 5.334 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 43 Resp: 23412  
Ion Ratio Lower Upper  
43 100  
61 18.6 15.6 23.4

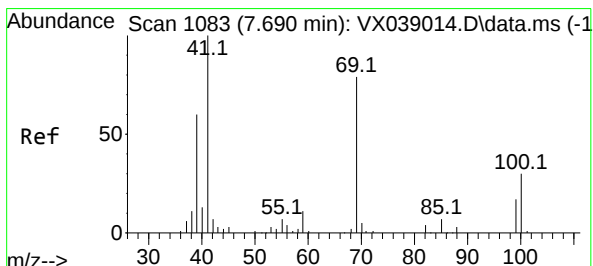
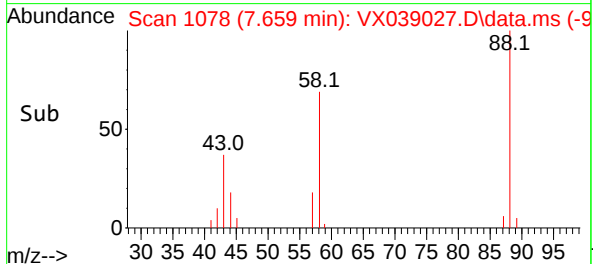
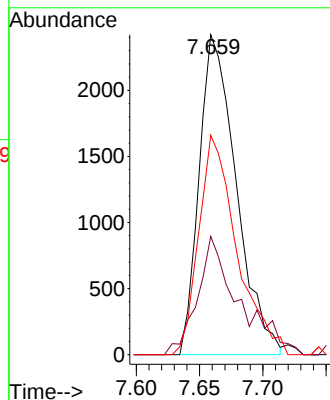
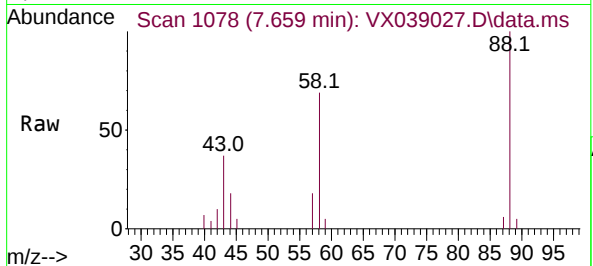




#45  
1,4-Dioxane  
Concen: 110.031 ug/l  
RT: 7.659 min Scan# 1077  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

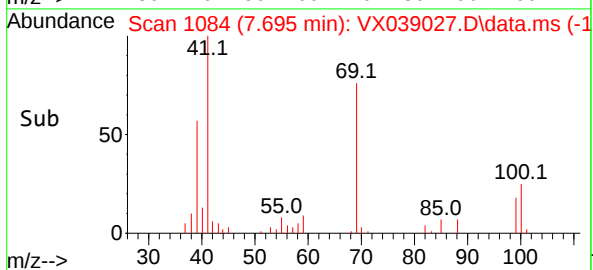
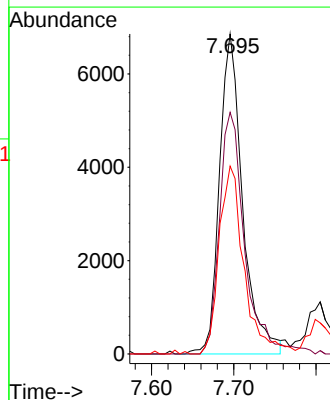
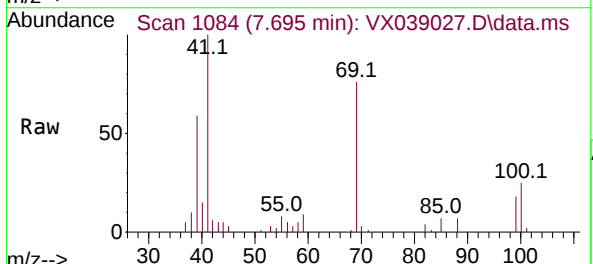
Instrument :  
MSVOA\_X  
ClientSampleId :

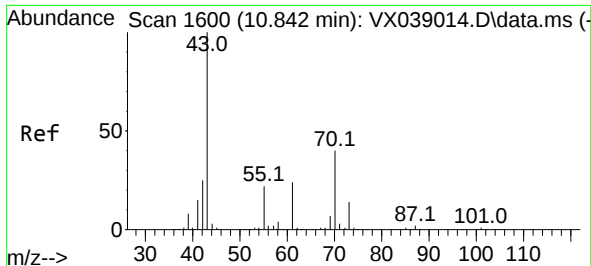
Tgt Ion: 88 Resp: 4930  
Ion Ratio Lower Upper  
88 100  
43 33.9 28.1 42.1  
58 70.4 57.7 86.5



#46  
Methyl methacrylate  
Concen: 5.344 ug/l  
RT: 7.695 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 41 Resp: 13409  
Ion Ratio Lower Upper  
41 100  
69 75.5 39.6 118.8  
39 58.7 30.1 90.3





#47

n-amy1 Acetate

Concen: 4.488 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

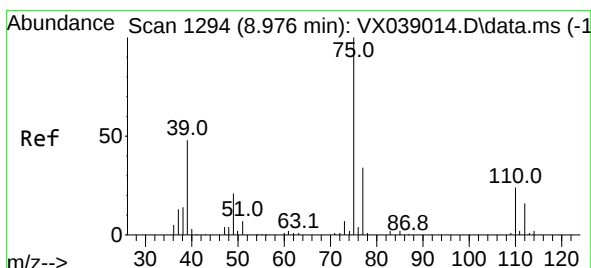
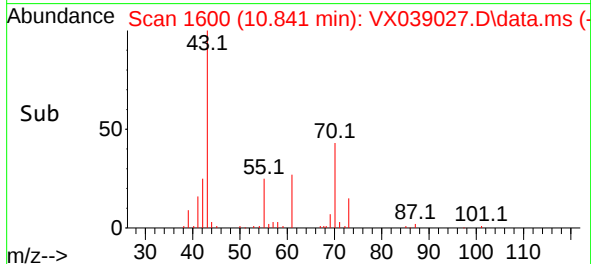
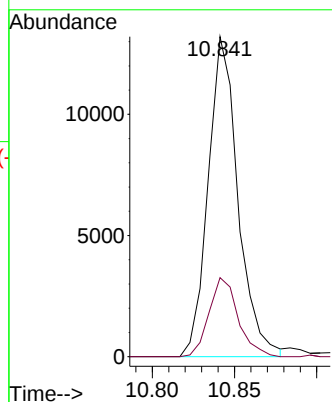
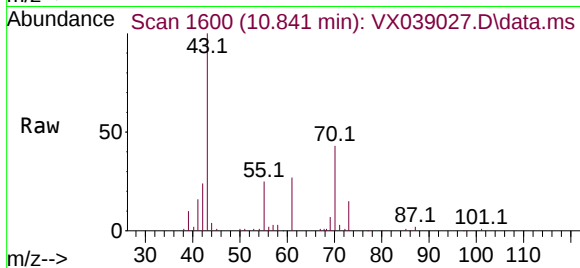
ClientSampleId :

Tgt Ion: 43 Resp: 16671

Ion Ratio Lower Upper

43 100

55 24.0 18.2 27.2



#48

t-1,3-Dichloropropene

Concen: 4.761 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX039027.D

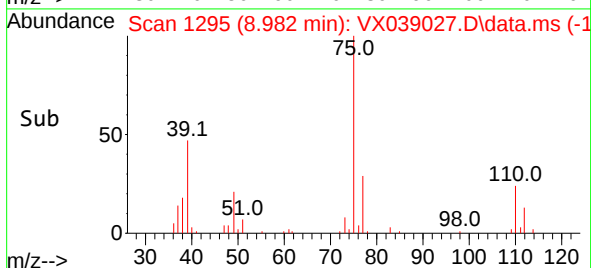
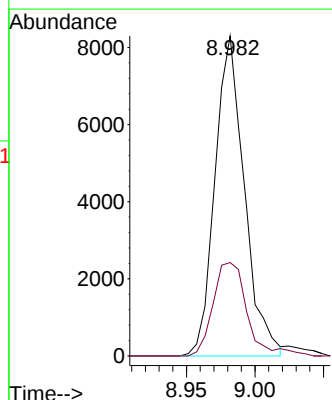
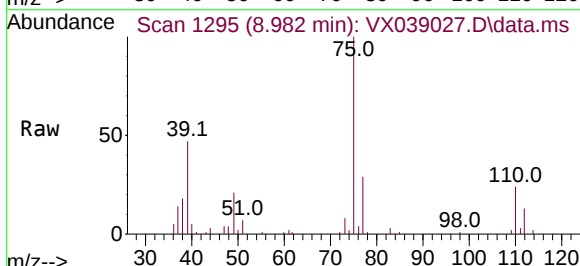
Acq: 24 Nov 2023 16:18

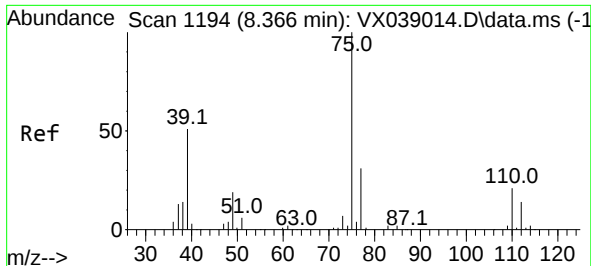
Tgt Ion: 75 Resp: 12374

Ion Ratio Lower Upper

75 100

77 29.2 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 5.097 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

ClientSampleId :

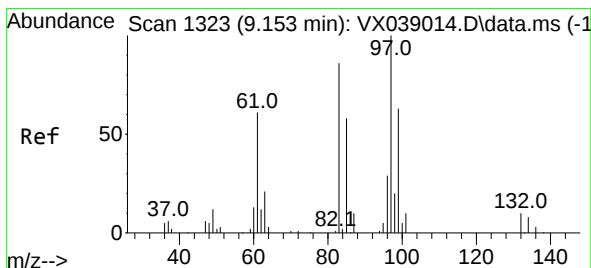
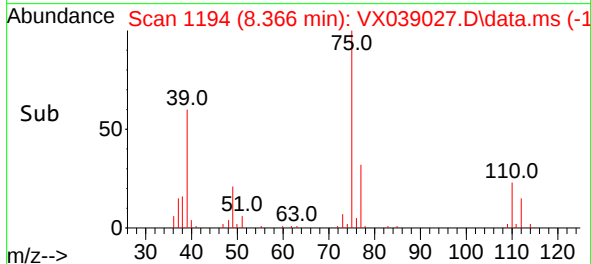
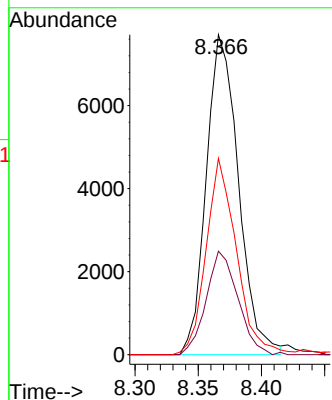
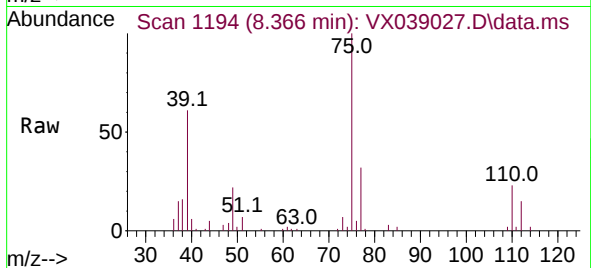
Tgt Ion: 75 Resp: 13667

Ion Ratio Lower Upper

75 100

77 32.4 24.4 36.6

39 60.6 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 5.486 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Tgt Ion: 97 Resp: 8695

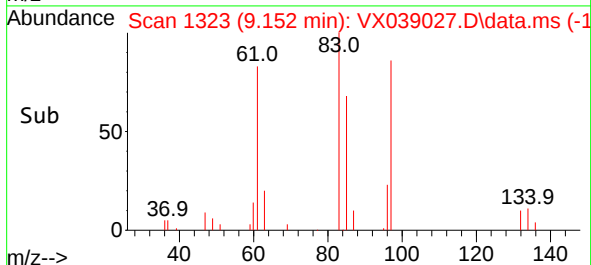
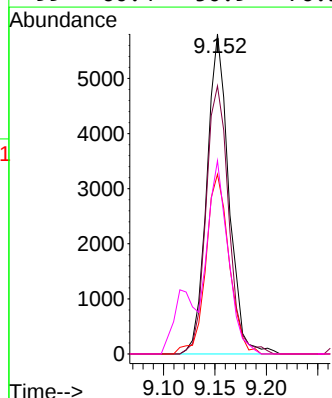
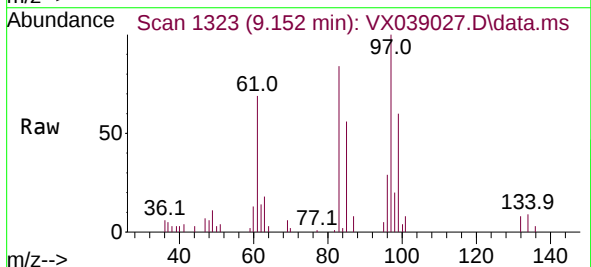
Ion Ratio Lower Upper

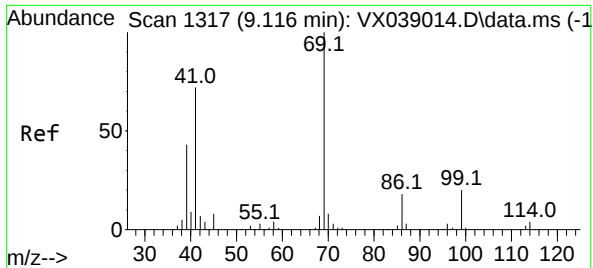
97 100

83 83.7 69.0 103.6

85 56.2 46.3 69.5

99 60.4 50.9 76.3

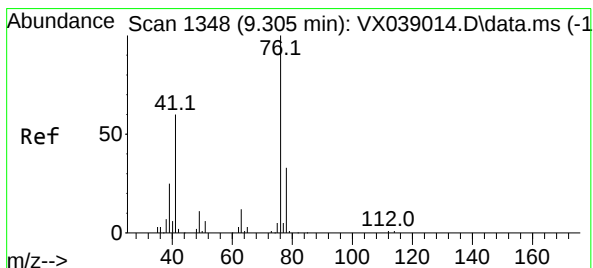
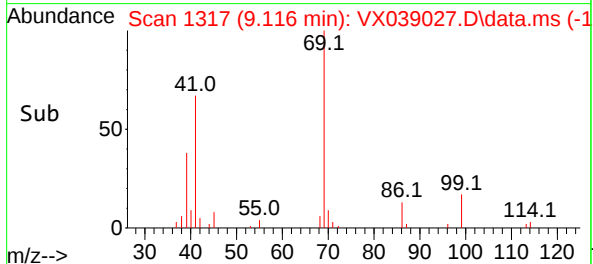
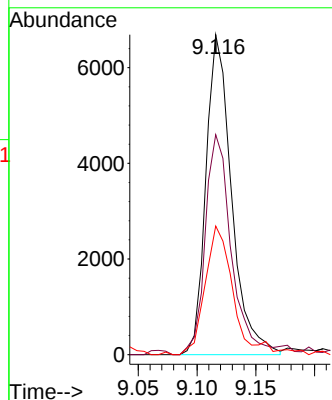
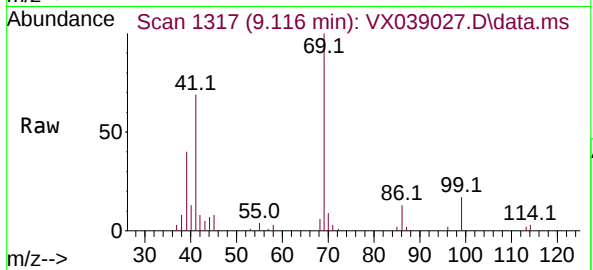




#51  
Ethyl methacrylate  
Concen: 5.118 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

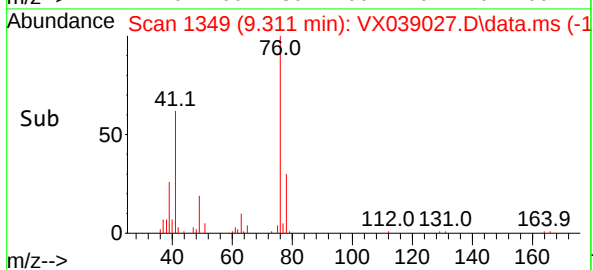
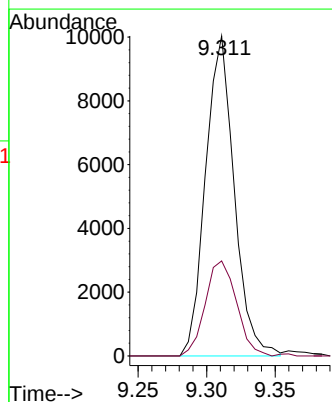
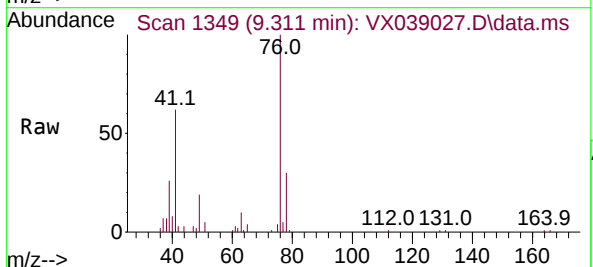
Instrument :  
MSVOA\_X  
ClientSampleId :

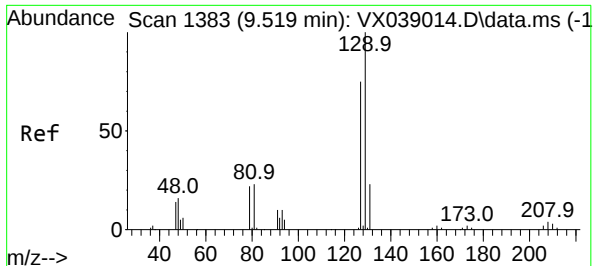
Tgt Ion: 69 Resp: 10154  
Ion Ratio Lower Upper  
69 100  
41 68.7 36.2 108.6  
39 40.2 21.1 63.4



#52  
1,3-Dichloropropane  
Concen: 5.378 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 76 Resp: 14617  
Ion Ratio Lower Upper  
76 100  
78 32.3 0.0 65.0





#53

Dibromochloromethane

Concen: 4.604 ug/l

RT: 9.518 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

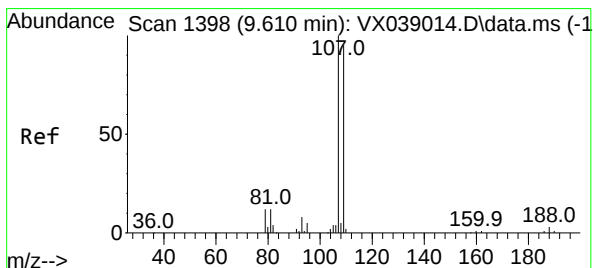
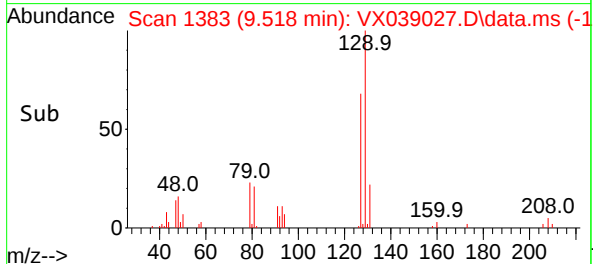
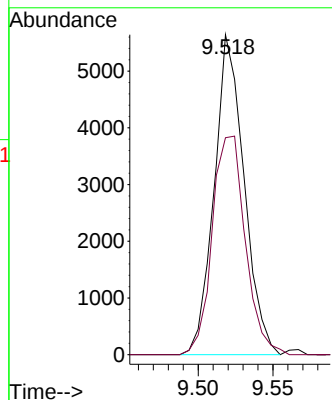
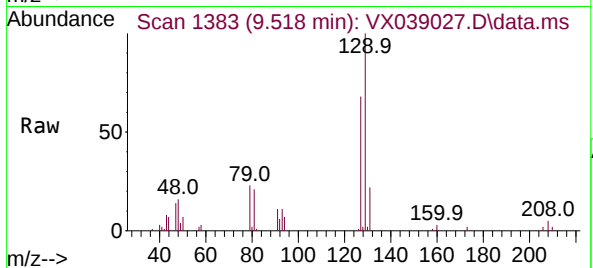
ClientSampleId :

Tgt Ion:129 Resp: 7837

Ion Ratio Lower Upper

129 100

127 75.8 38.3 114.9



#54

1,2-Dibromoethane

Concen: 5.069 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX039027.D

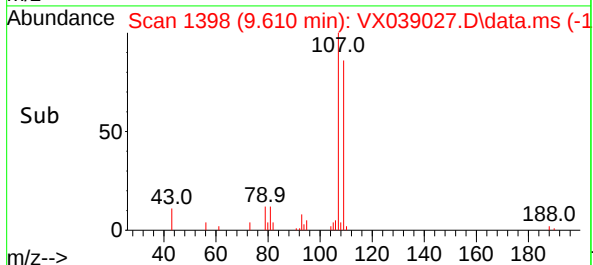
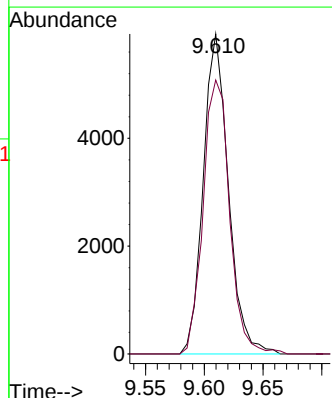
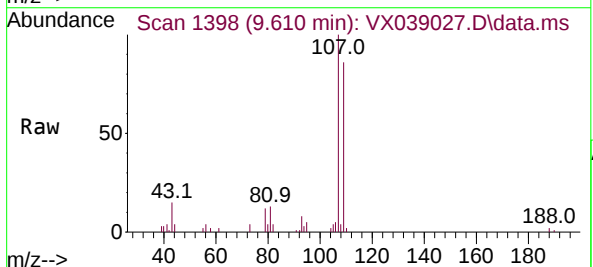
Acq: 24 Nov 2023 16:18

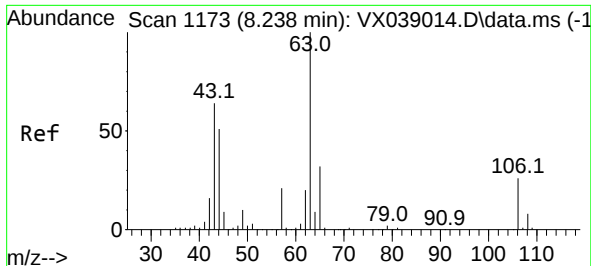
Tgt Ion:107 Resp: 8810

Ion Ratio Lower Upper

107 100

109 89.9 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 25.006 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX039027.D

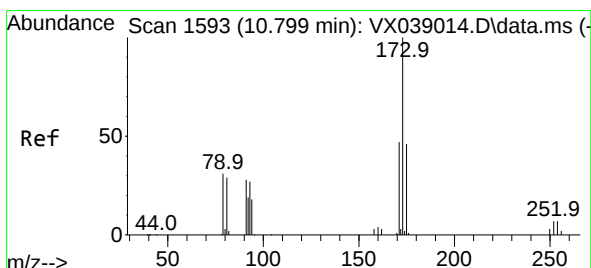
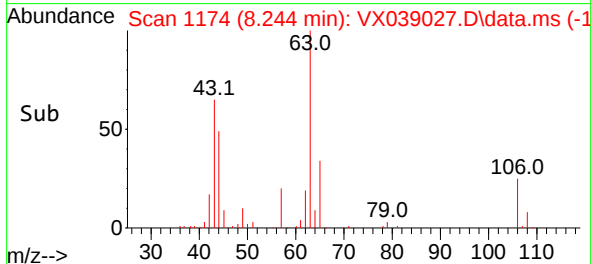
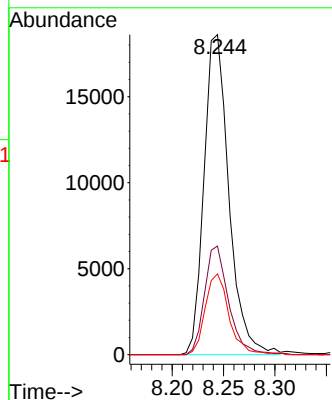
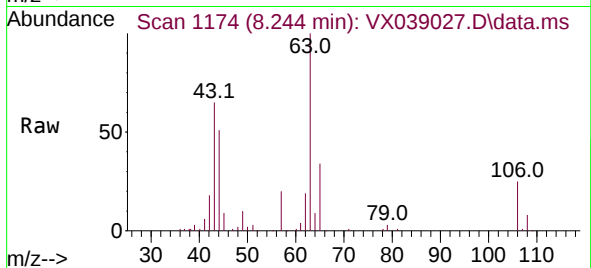
Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 31446 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 32.7  | 25.8  | 38.6  |
| 106      | 24.0  | 20.6  | 31.0  |



#56

Bromoform

Concen: 4.160 ug/l

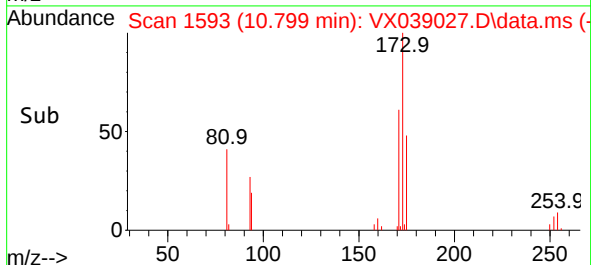
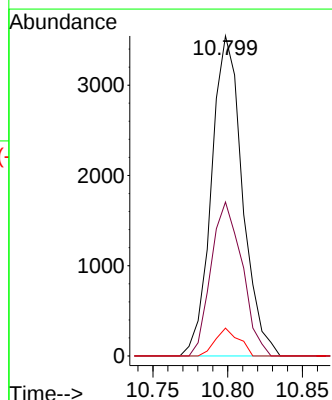
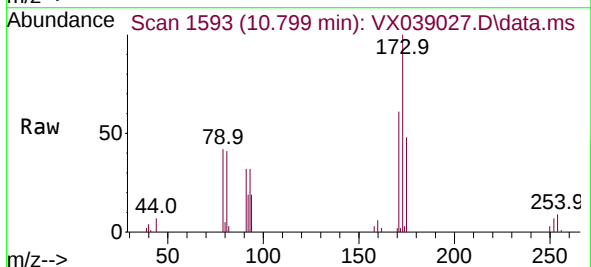
RT: 10.799 min Scan# 1593

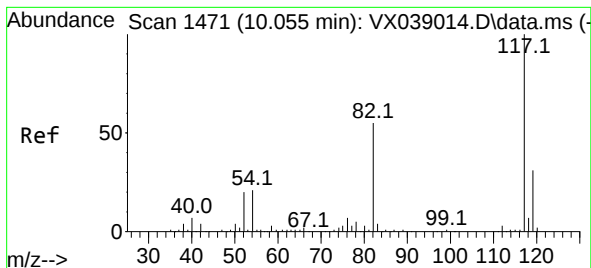
Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 5110  |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 48.3  | 37.6  | 56.4  |
| 254      | 6.6   | 5.8   | 8.8   |

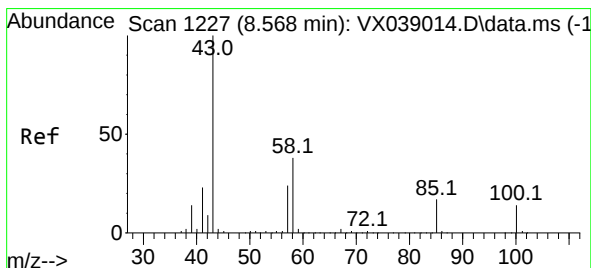
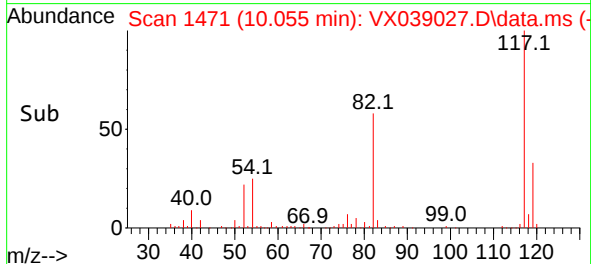
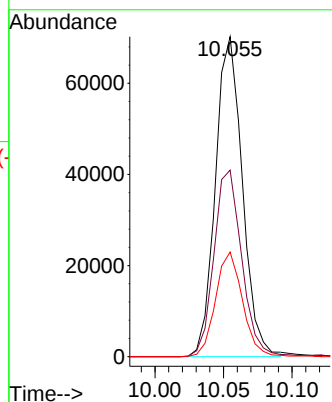
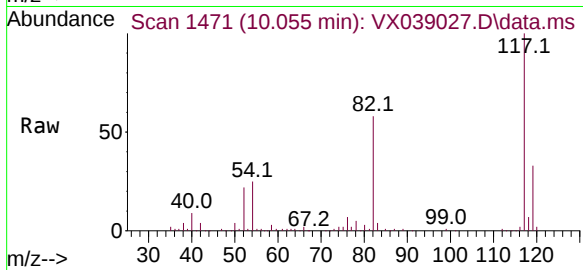




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

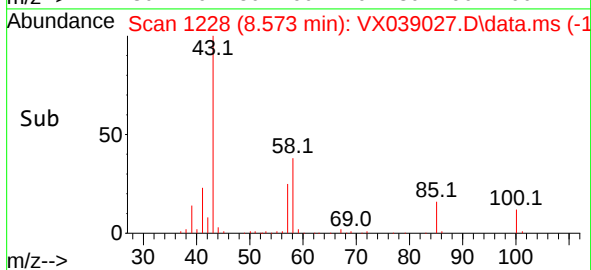
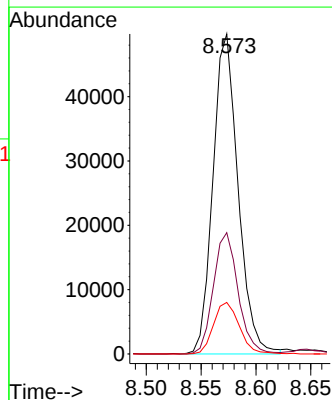
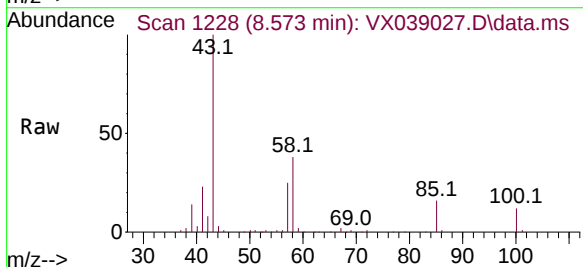
Instrument :  
MSVOA\_X  
ClientSampleId :

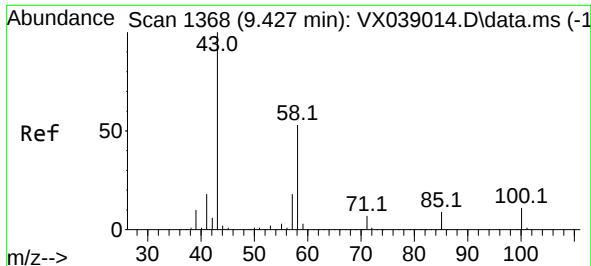
Tgt Ion:117 Resp: 96052  
Ion Ratio Lower Upper  
117 100  
82 60.3 47.0 70.6  
119 32.8 25.2 37.8



#58  
4-Methyl-2-Pentanone  
Concen: 27.213 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 43 Resp: 79266  
Ion Ratio Lower Upper  
43 100  
58 37.3 30.1 45.1  
85 16.5 13.9 20.9





#59

2-Hexanone

Concen: 26.612 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

ClientSampleId :

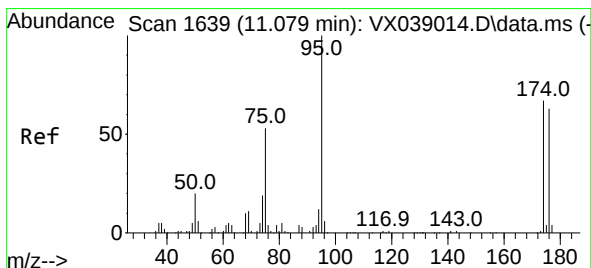
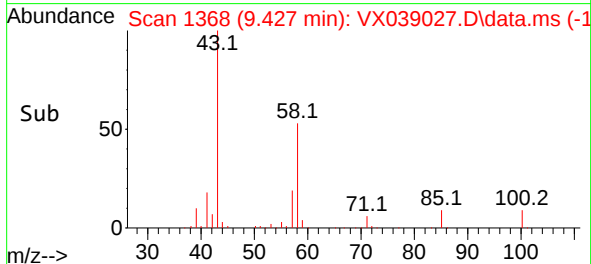
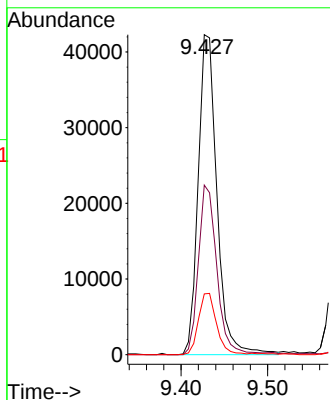
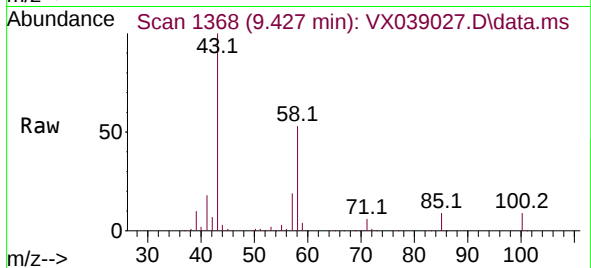
Tgt Ion: 43 Resp: 63627

Ion Ratio Lower Upper

43 100

58 52.0 42.7 64.1

57 18.4 14.8 22.2



#60

4-Bromofluorobenzene

Concen: 29.874 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

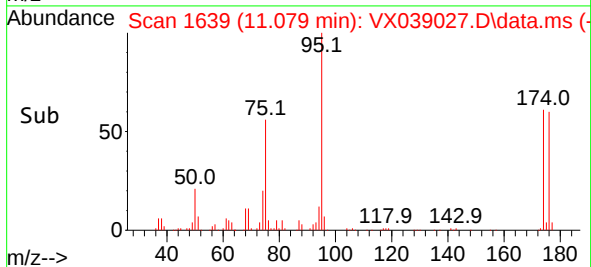
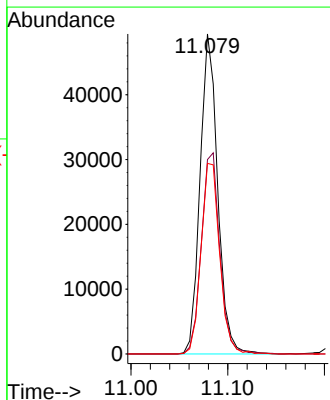
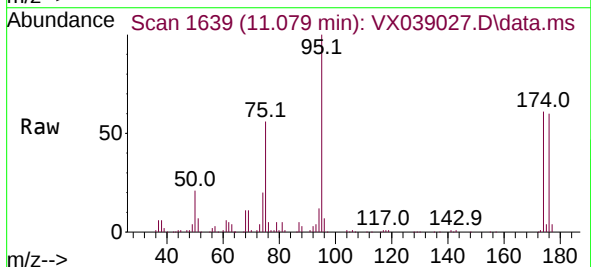
Tgt Ion: 95 Resp: 62674

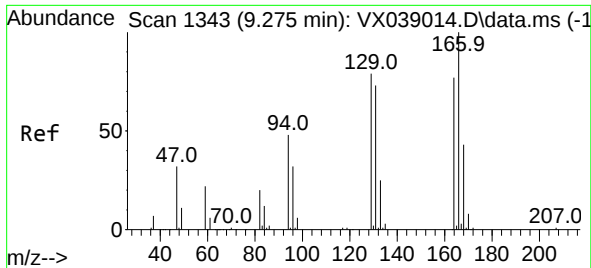
Ion Ratio Lower Upper

95 100

174 66.0 55.4 83.2

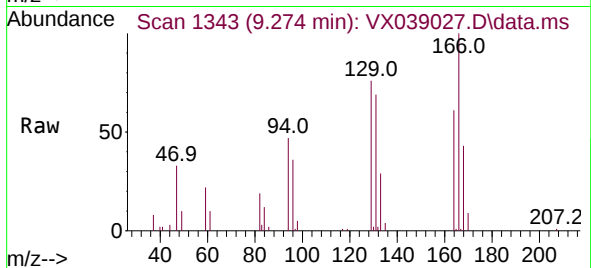
176 63.0 52.6 78.8



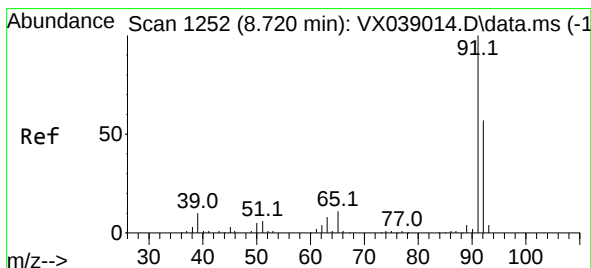
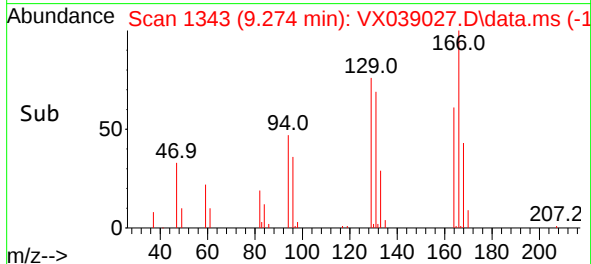
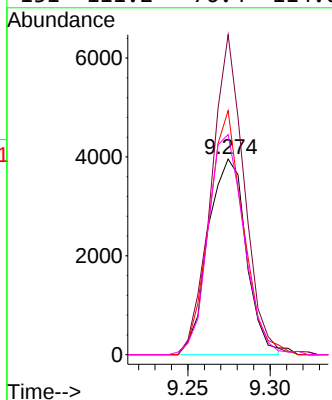


#61  
Tetrachloroethene  
Concen: 5.101 ug/l  
RT: 9.274 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Instrument :  
MSVOA\_X  
ClientSampleId :

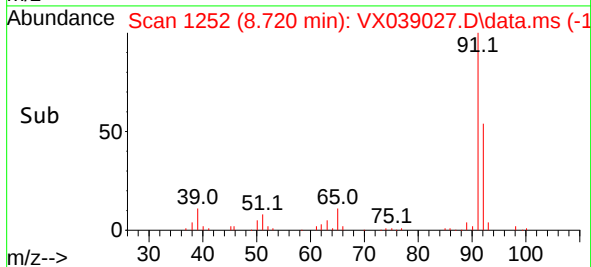
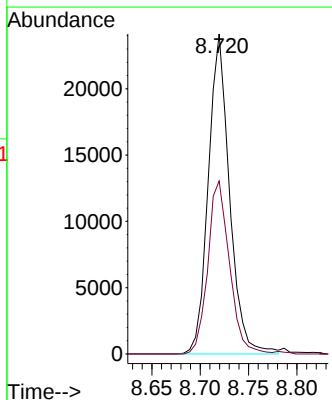
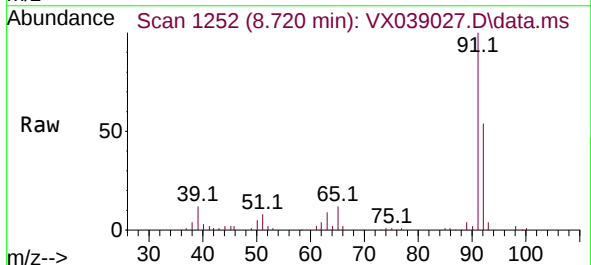


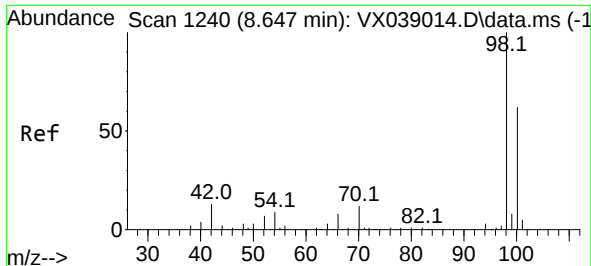
Tgt Ion:164 Resp: 6370  
Ion Ratio Lower Upper  
164 100  
166 163.5 104.0 156.0#  
129 124.7 82.0 123.0#  
131 111.2 76.4 114.6



#62  
Toluene  
Concen: 5.396 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 91 Resp: 36799  
Ion Ratio Lower Upper  
91 100  
92 55.1 45.9 68.9

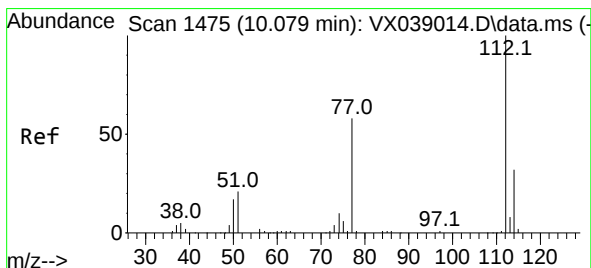
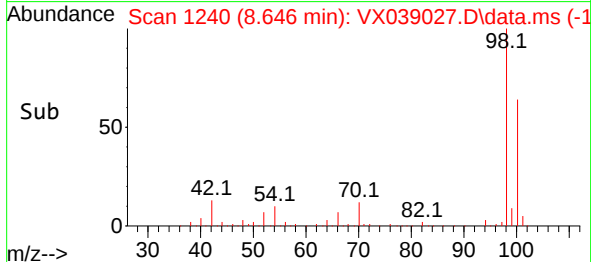
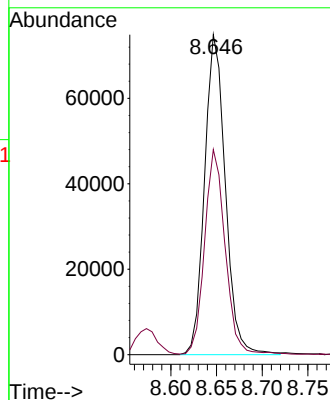
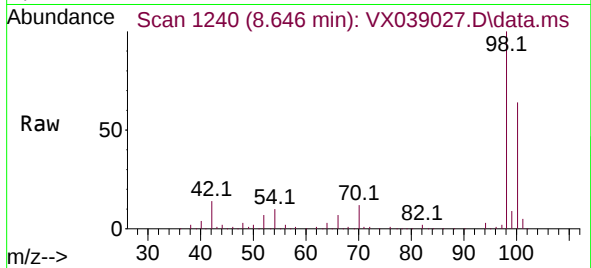




#63  
Toluene-d8  
Concen: 31.122 ug/l  
RT: 8.646 min Scan# 118186  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

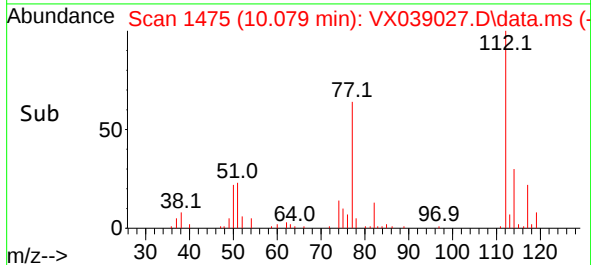
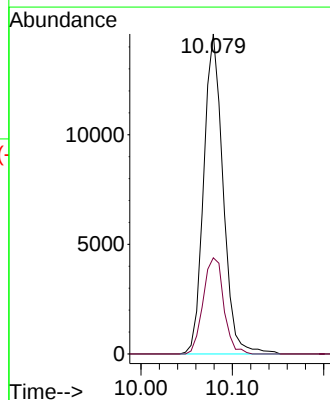
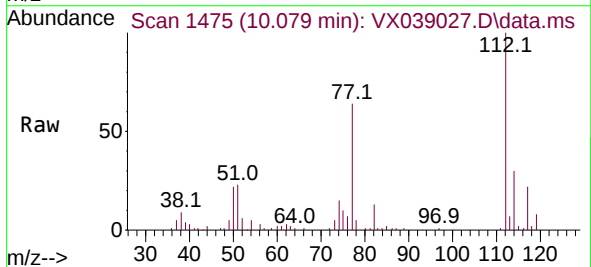
Instrument :  
MSVOA\_X  
ClientSampleId :

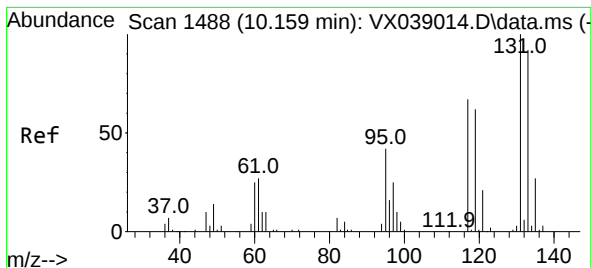
Tgt Ion: 98 Resp: 118186  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.0 76.4



#64  
Chlorobenzene  
Concen: 5.170 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 112 Resp: 21445  
Ion Ratio Lower Upper  
112 100  
114 30.0 25.9 38.9

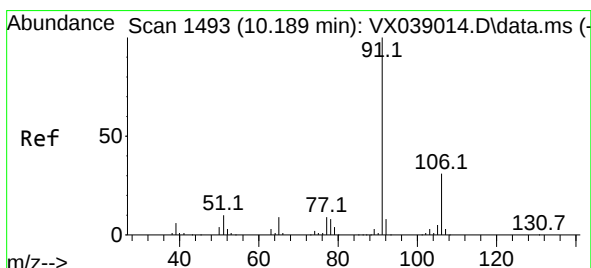
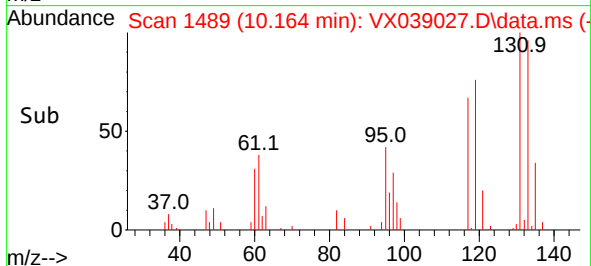
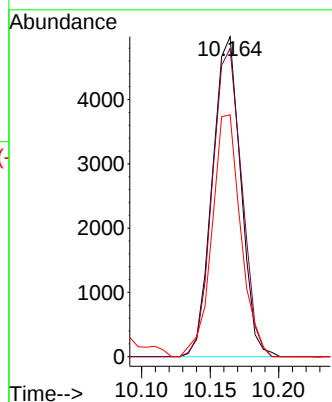
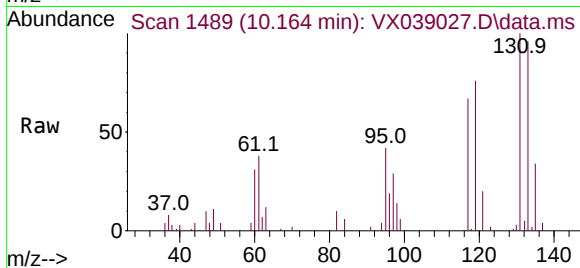




#65  
1,1,1,2-Tetrachloroethane  
Concen: 4.804 ug/l  
RT: 10.164 min Scan# 1489  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

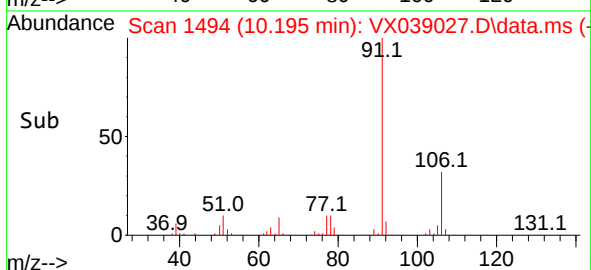
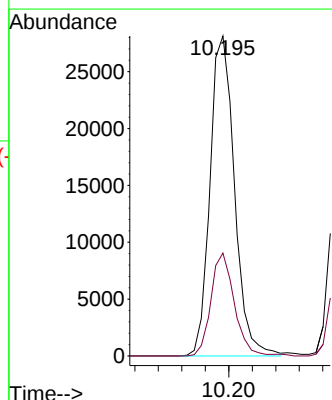
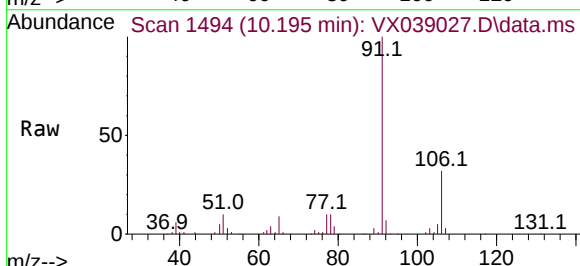
Instrument :  
MSVOA\_X  
ClientSampleId :

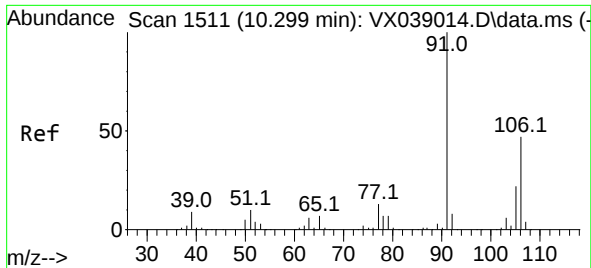
Tgt Ion:131 Resp: 7176  
Ion Ratio Lower Upper  
131 100  
133 99.4 0.0 191.8  
119 76.4 0.0 135.4



#66  
Ethyl Benzene  
Concen: 5.241 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 91 Resp: 40698  
Ion Ratio Lower Upper  
91 100  
106 32.1 24.4 36.6





#67

m/p-Xylenes

Concen: 10.325 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

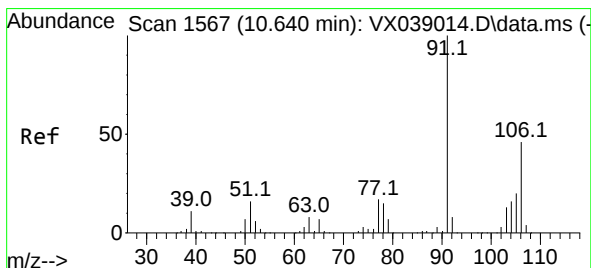
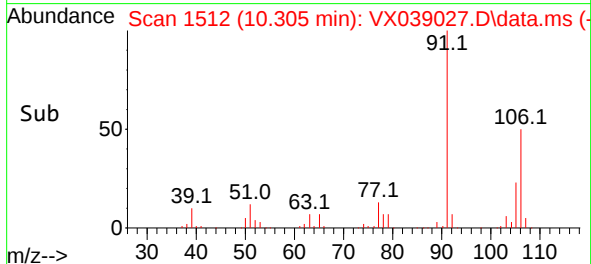
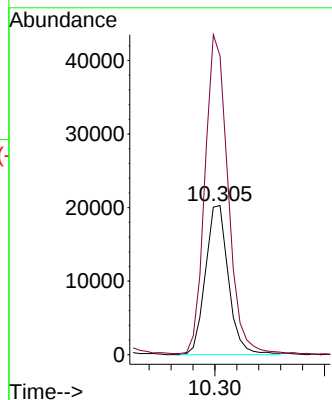
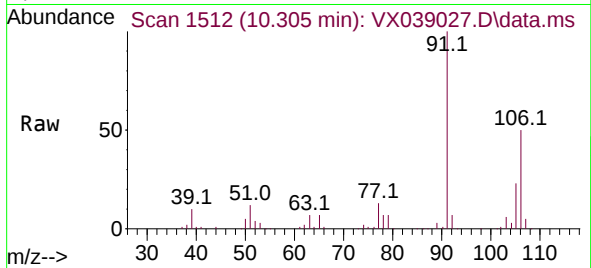
ClientSampleId :

Tgt Ion:106 Resp: 29627

Ion Ratio Lower Upper

106 100

91 215.7 169.4 254.0



#68

o-Xylene

Concen: 5.259 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039027.D

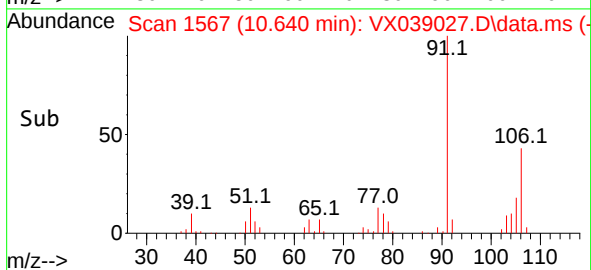
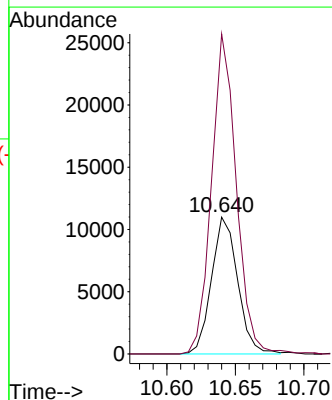
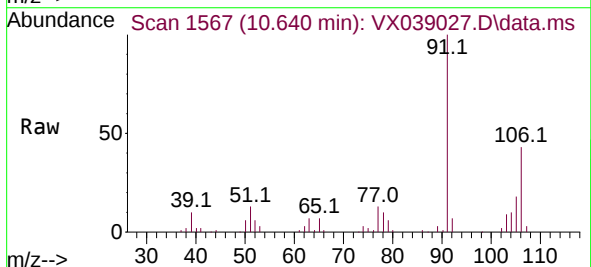
Acq: 24 Nov 2023 16:18

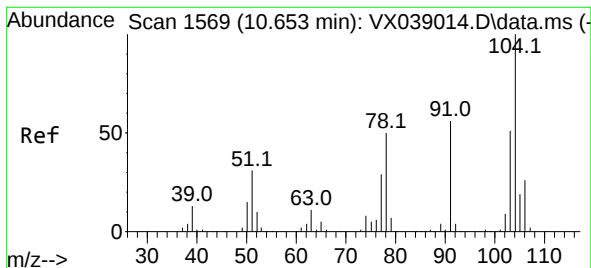
Tgt Ion:106 Resp: 14616

Ion Ratio Lower Upper

106 100

91 221.3 111.2 333.6





#69

Styrene

Concen: 4.930 ug/l

RT: 10.658 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039027.D

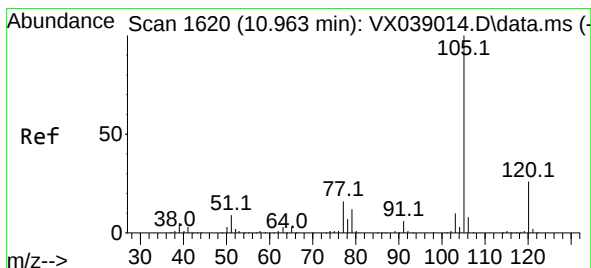
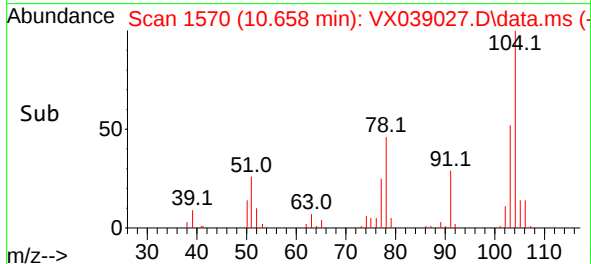
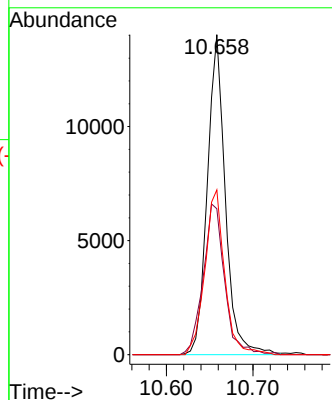
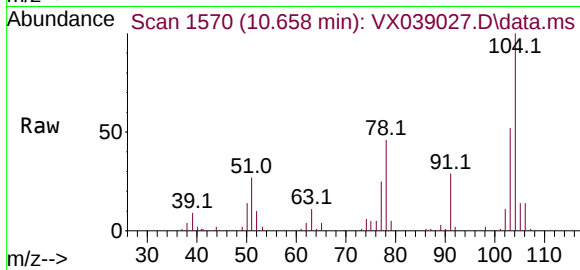
Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:104 | Resp: | 20281     |
| Ion Ratio   | Lower | Upper     |
| 104         | 100   |           |
| 78          | 55.8  | 43.7 65.5 |
| 103         | 56.6  | 44.6 67.0 |



#70

Isopropylbenzene

Concen: 5.236 ug/l

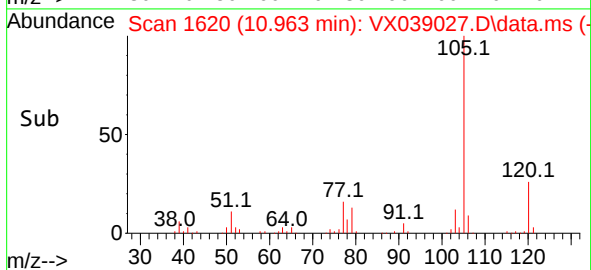
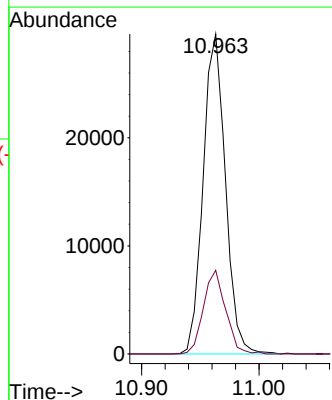
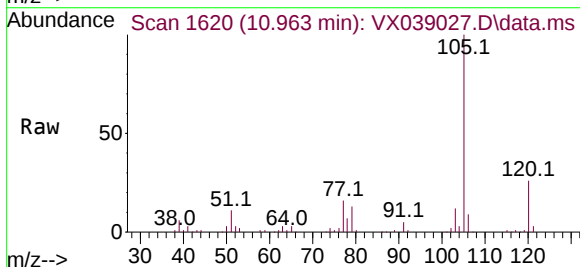
RT: 10.963 min Scan# 1620

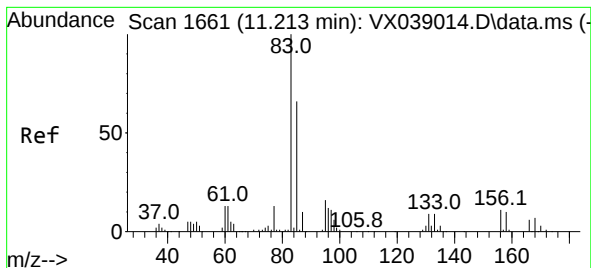
Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 38936     |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 120         | 26.0  | 18.5 34.3 |

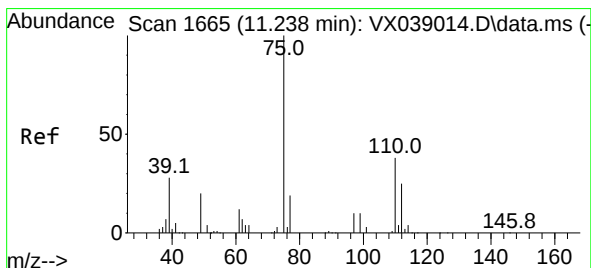
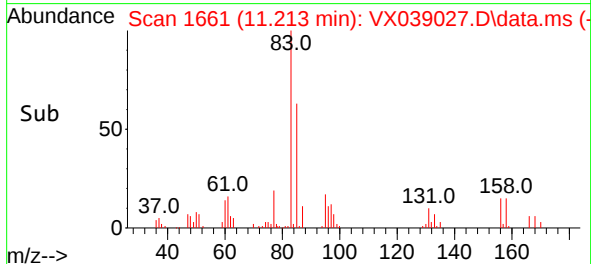
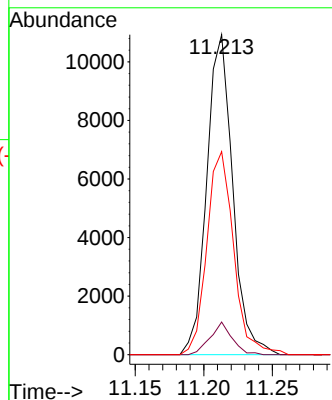
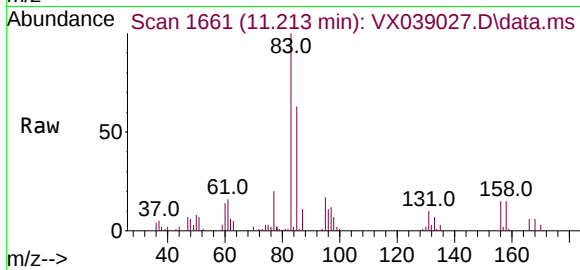




#71  
1,1,2,2-Tetrachloroethane  
Concen: 5.190 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

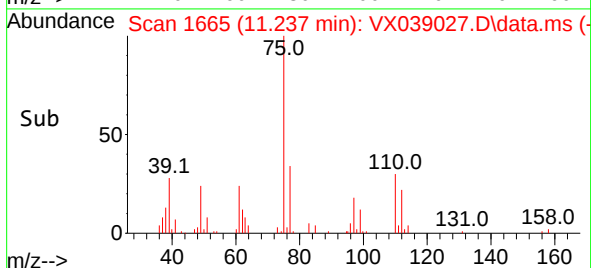
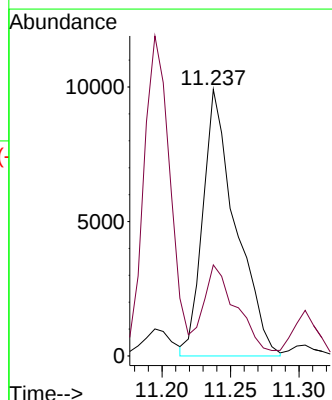
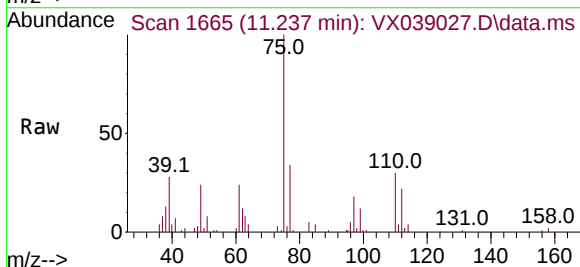
Instrument :  
MSVOA\_X  
ClientSampleId :

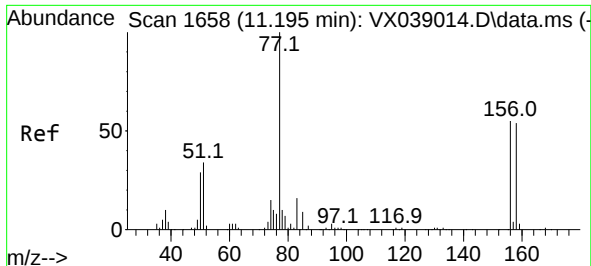
Tgt Ion: 83 Resp: 14409  
Ion Ratio Lower Upper  
83 100  
131 8.6 4.6 13.8  
85 65.5 32.5 97.4



#72  
1,2,3-Trichloropropane  
Concen: 7.050 ug/l  
RT: 11.237 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 75 Resp: 16561  
Ion Ratio Lower Upper  
75 100  
77 33.3 0.0 76.4

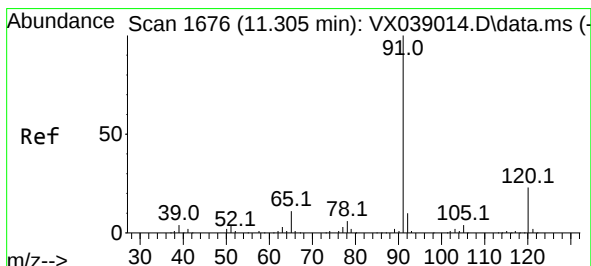
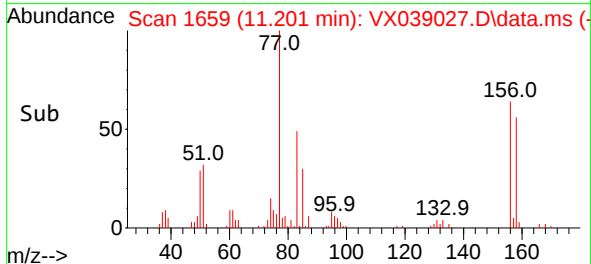
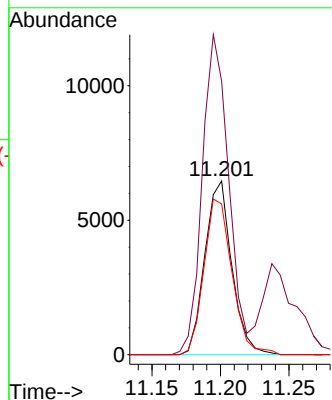
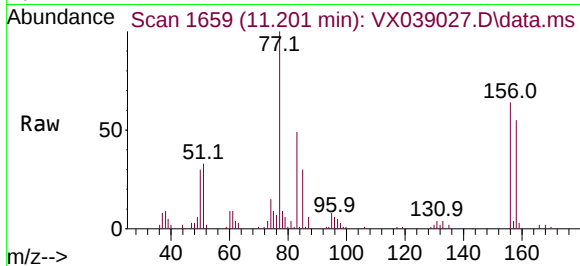




#73  
Bromobenzene  
Concen: 5.230 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

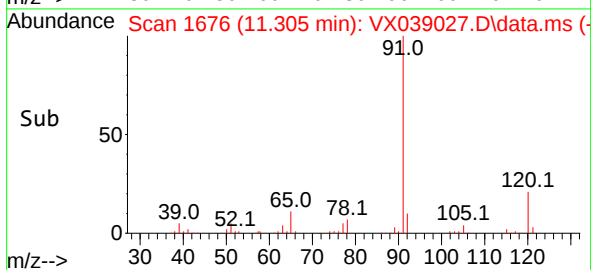
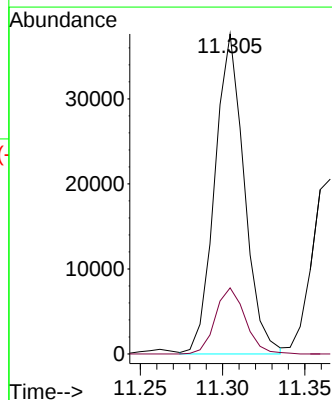
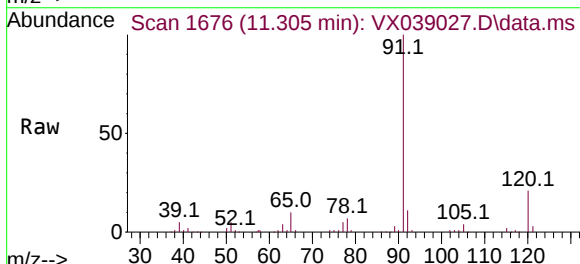
Instrument :  
MSVOA\_X  
ClientSampleId :

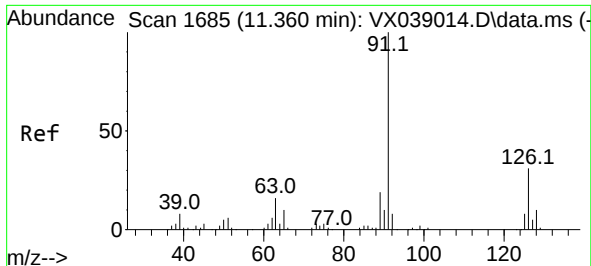
Tgt Ion:156 Resp: 8855  
Ion Ratio Lower Upper  
156 100  
77 179.5 0.0 363.2  
158 93.2 0.0 197.8



#74  
n-propylbenzene  
Concen: 5.153 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 91 Resp: 46953  
Ion Ratio Lower Upper  
91 100  
120 20.9 0.0 43.4

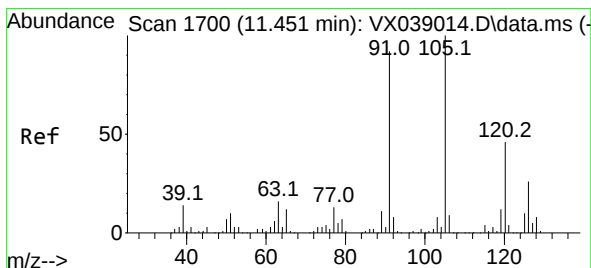
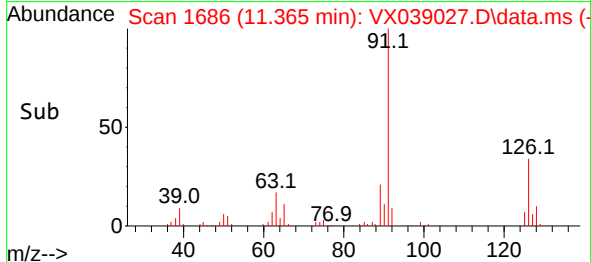
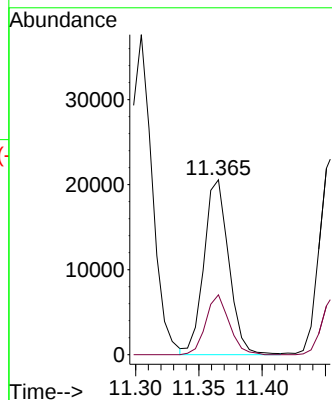
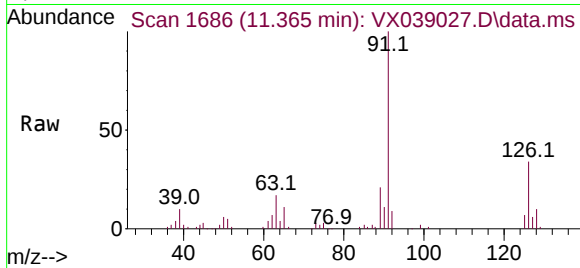




#75  
2-Chlorotoluene  
Concen: 5.278 ug/l  
RT: 11.365 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

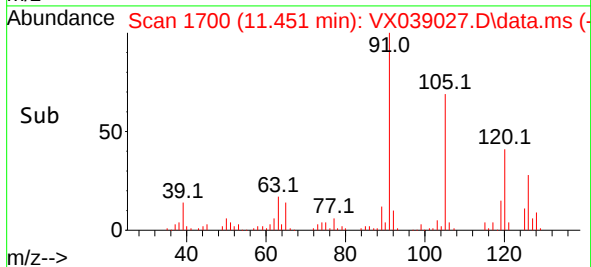
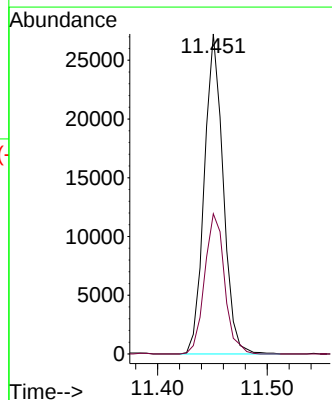
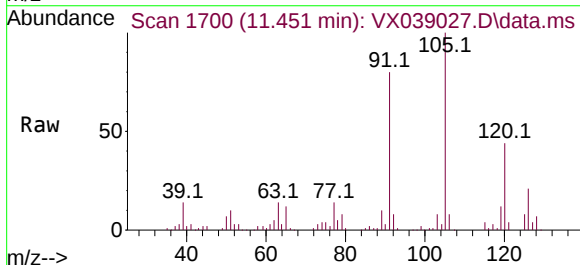
Instrument :  
MSVOA\_X  
ClientSampleId :

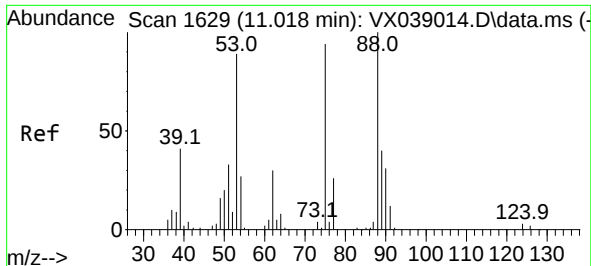
Tgt Ion: 91 Resp: 28212  
Ion Ratio Lower Upper  
91 100  
126 32.1 0.0 64.2



#76  
1,3,5-Trimethylbenzene  
Concen: 5.083 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 105 Resp: 32567  
Ion Ratio Lower Upper  
105 100  
120 46.3 0.0 92.6

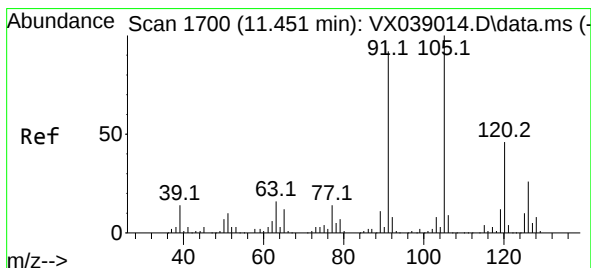
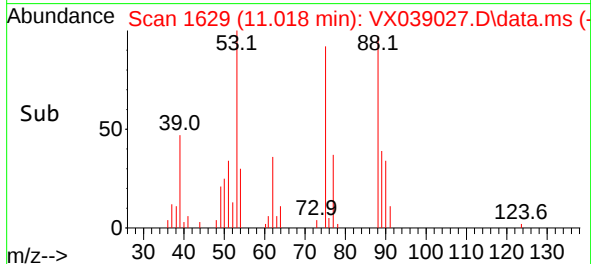
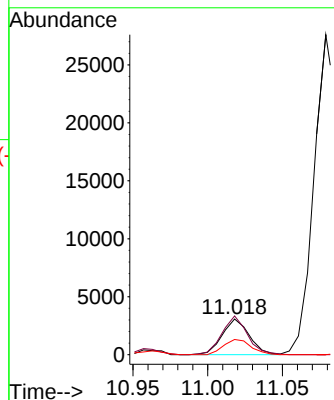
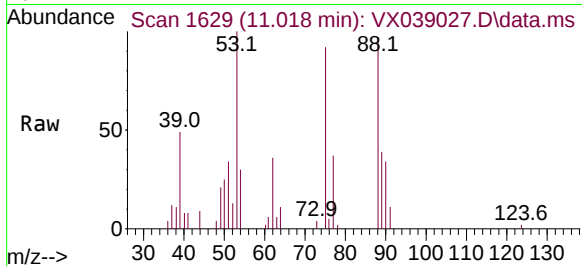




#77  
t-1,4-Dichloro-2-butene  
Concen: 4.148 ug/l  
RT: 11.018 min Scan# 1101  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

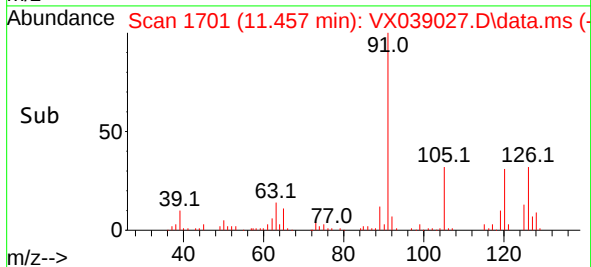
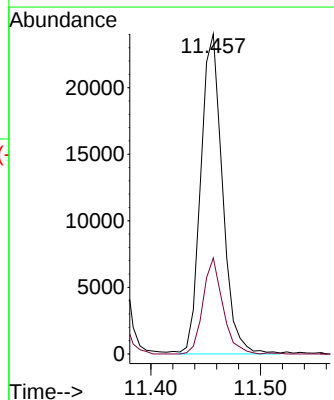
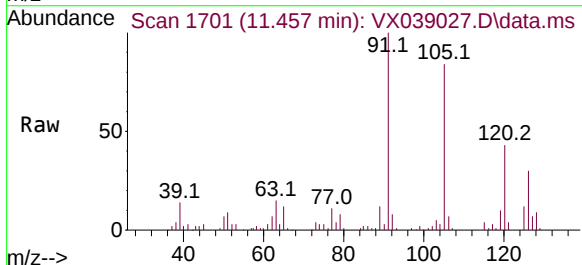
Instrument :  
MSVOA\_X  
ClientSampleId :

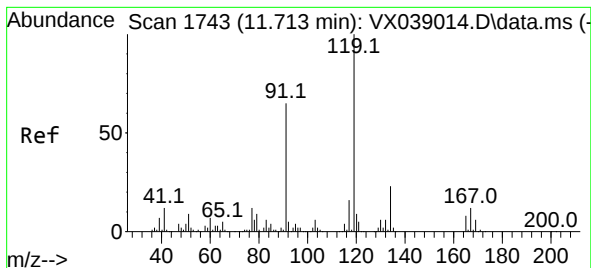
Tgt Ion: 75 Resp: 3861  
Ion Ratio Lower Upper  
75 100  
53 108.6 46.9 140.8  
89 42.7 21.3 63.7



#78  
4-Chlorotoluene  
Concen: 5.258 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Tgt Ion: 91 Resp: 33048  
Ion Ratio Lower Upper  
91 100  
126 27.3 0.0 57.4





#79

tert-butylbenzene

Concen: 4.962 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039027.D

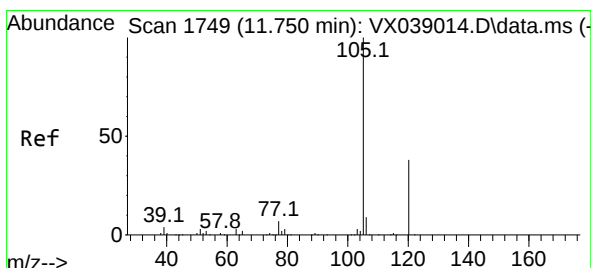
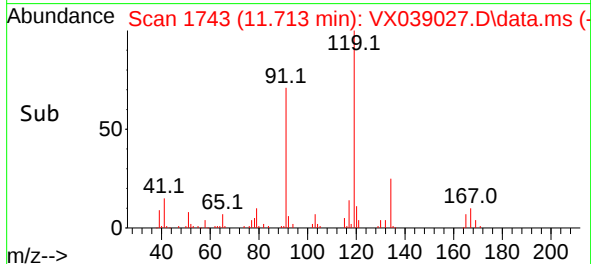
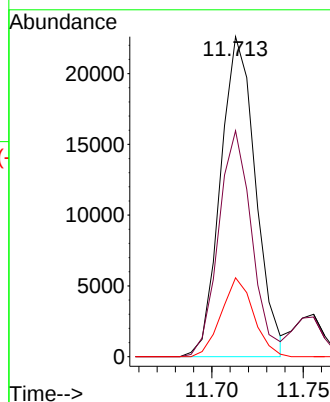
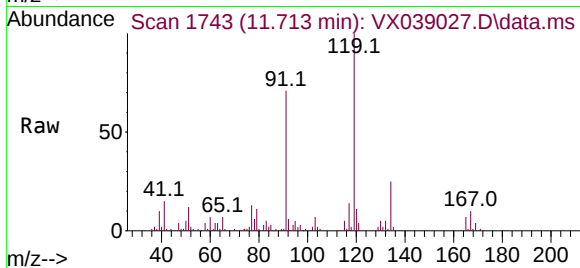
Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 30226 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 66.9  | 0.0   | 125.6 |
| 134      | 22.7  | 0.0   | 43.8  |



#80

1,2,4-Trimethylbenzene

Concen: 5.063 ug/l

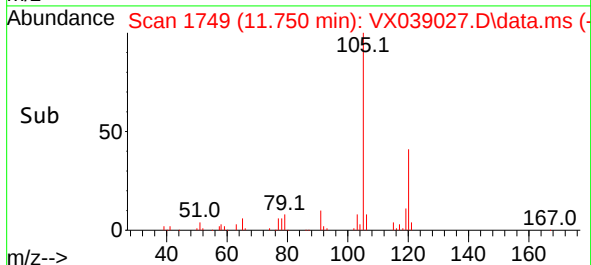
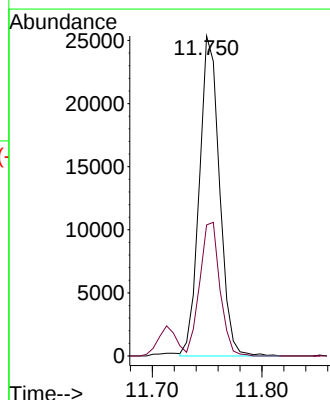
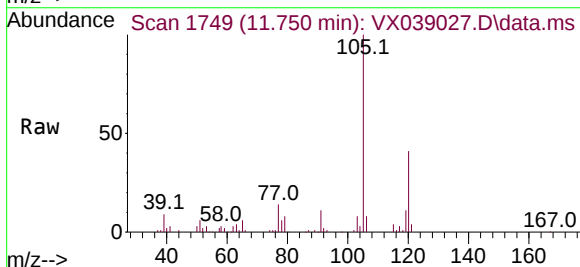
RT: 11.750 min Scan# 1749

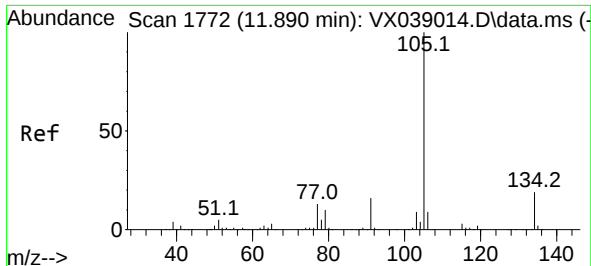
Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 32463 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 41.7  | 0.0   | 86.4  |

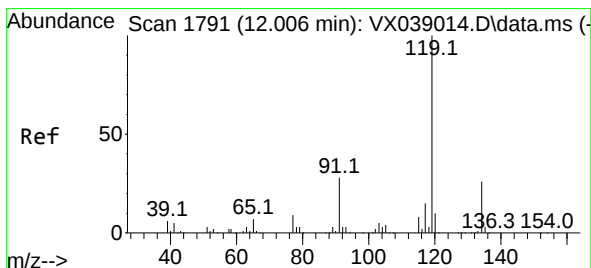
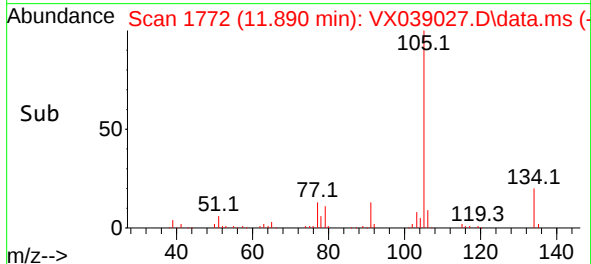
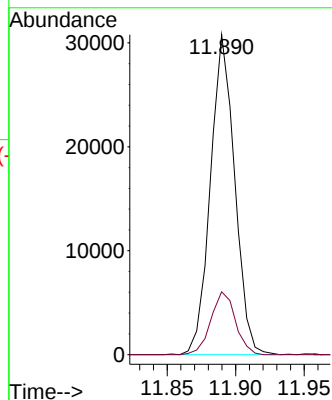
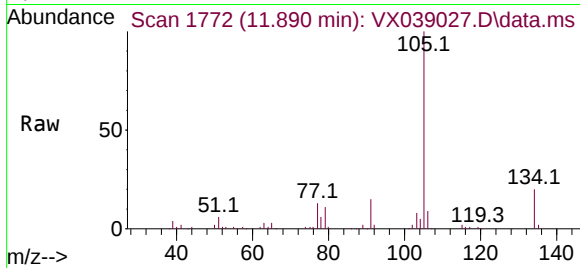




#81  
 sec-Butylbenzene  
 Concen: 4.924 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX039027.D  
 Acq: 24 Nov 2023 16:18

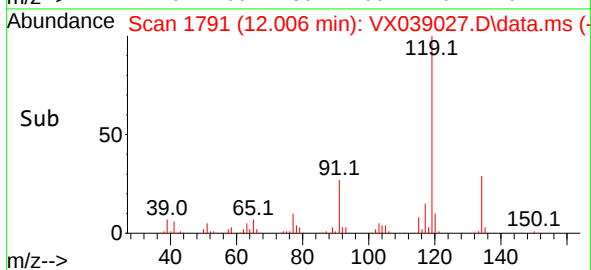
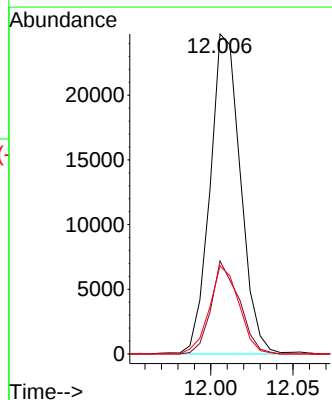
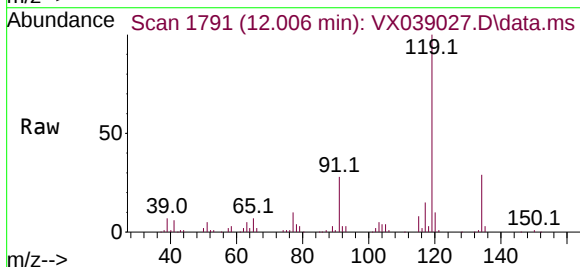
Instrument :  
 MSVOA\_X  
 ClientSampleId :

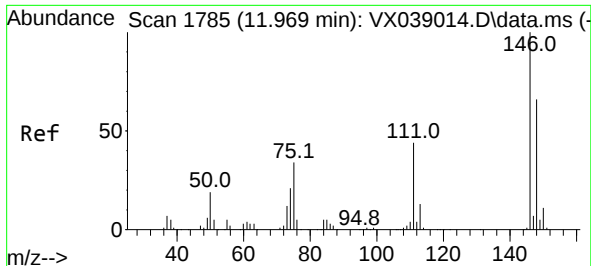
Tgt Ion:105 Resp: 37921  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 0.0 38.4



#82  
 p-Isopropyltoluene  
 Concen: 4.873 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX039027.D  
 Acq: 24 Nov 2023 16:18

Tgt Ion:119 Resp: 31808  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 0.0 52.6  
 91 26.8 0.0 54.2

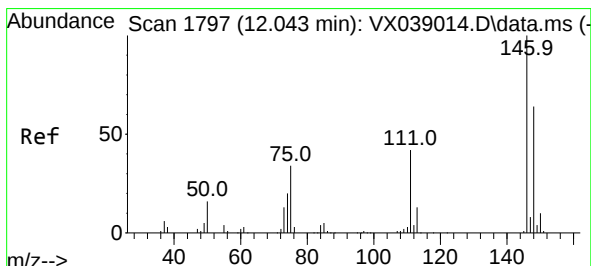
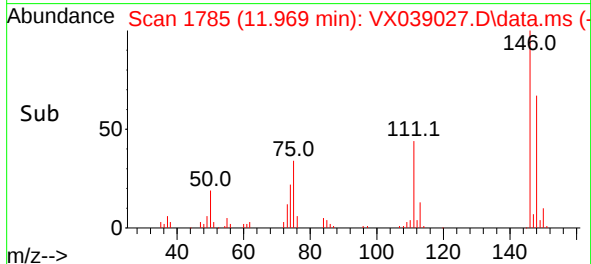
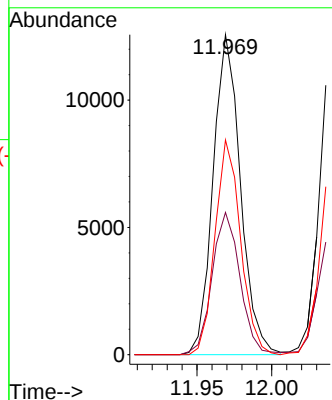
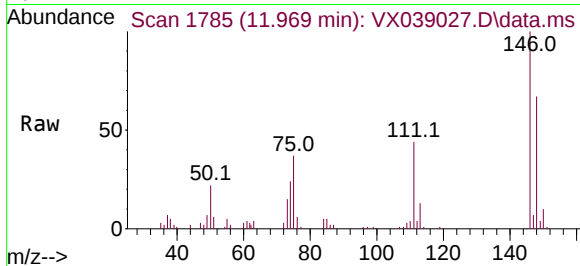




#83  
1,3-Dichlorobenzene  
Concen: 4.939 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

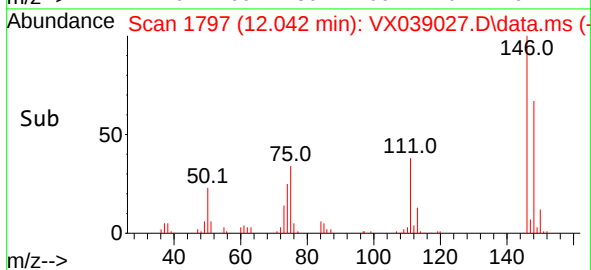
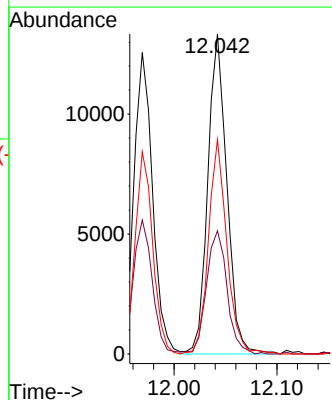
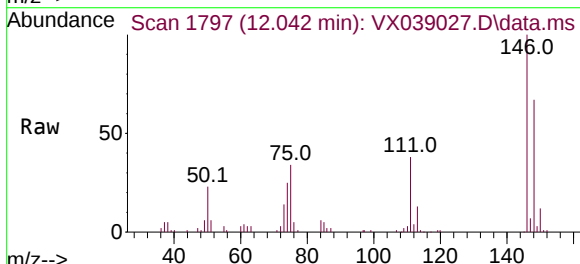
Instrument :  
MSVOA\_X  
ClientSampleId :

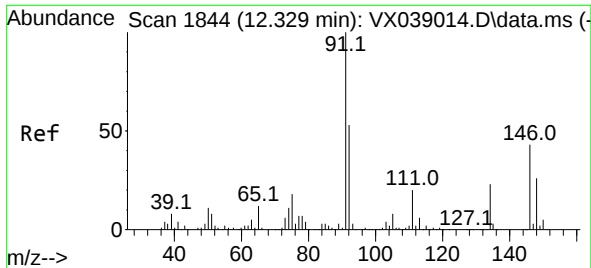
Tgt Ion:146 Resp: 16003  
Ion Ratio Lower Upper  
146 100  
111 45.5 22.3 66.9  
148 62.8 32.8 98.3



#84  
1,4-Dichlorobenzene  
Concen: 5.171 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

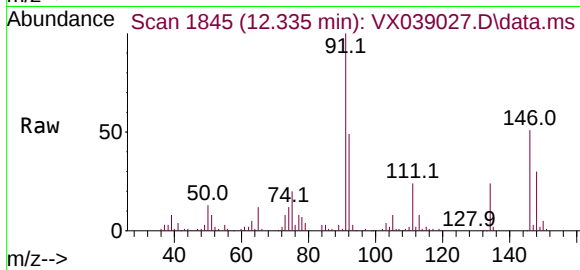
Tgt Ion:146 Resp: 17193  
Ion Ratio Lower Upper  
146 100  
111 41.4 21.4 64.2  
148 64.0 31.8 95.4



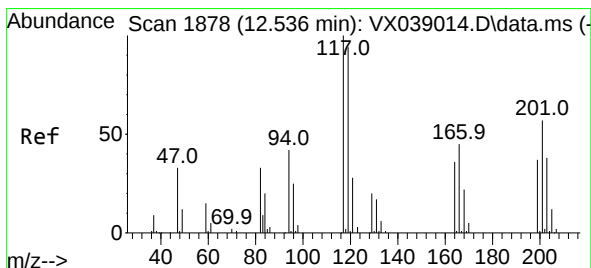
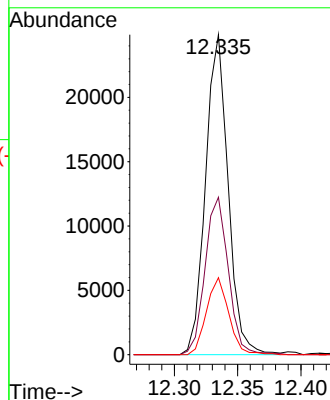
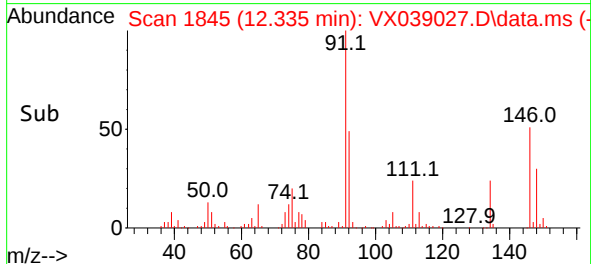


#85  
n-Butylbenzene  
Concen: 4.798 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.006 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

Instrument :  
MSVOA\_X  
ClientSampleId :

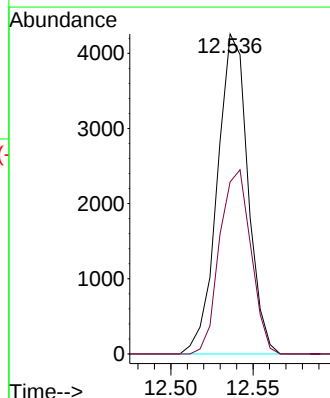
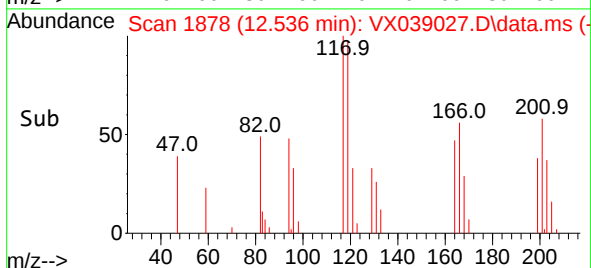
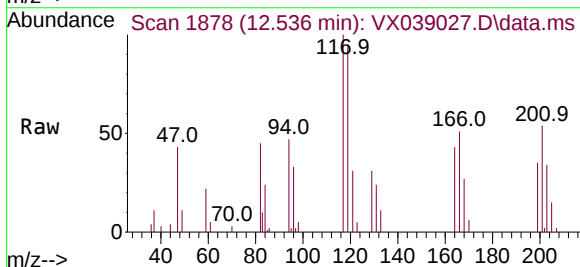


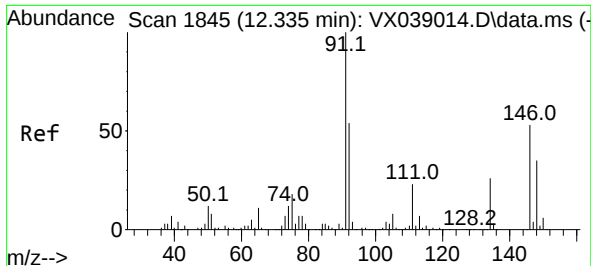
Tgt Ion: 91 Resp: 30929  
Ion Ratio Lower Upper  
91 100  
92 50.8 0.0 106.2  
134 23.8 0.0 48.8



#86  
Hexachloroethane  
Concen: 4.463 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX039027.D  
Acq: 24 Nov 2023 16:18

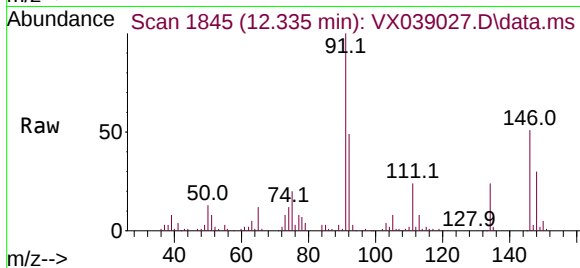
Tgt Ion: 117 Resp: 5520  
Ion Ratio Lower Upper  
117 100  
201 58.7 31.8 95.3



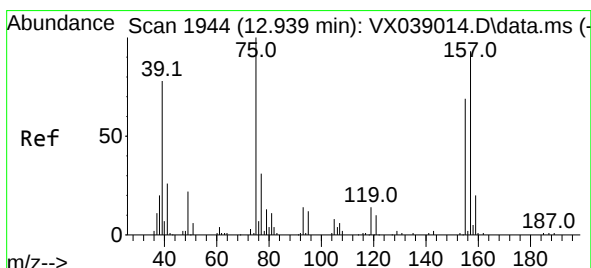
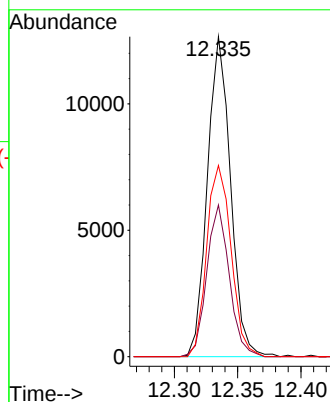
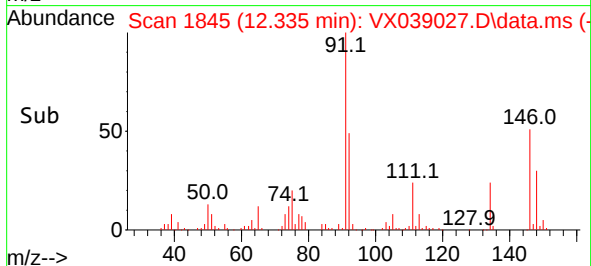


#87  
 1,2-Dichlorobenzene  
 Concen: 5.177 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: VX039027.D  
 Acq: 24 Nov 2023 16:18

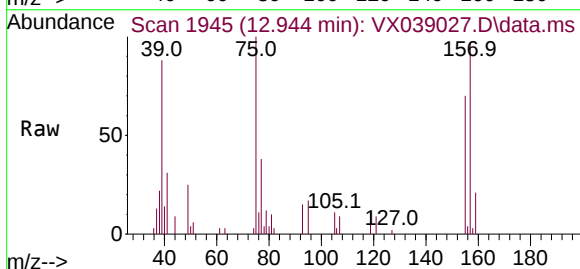
Instrument :  
 MSVOA\_X  
 ClientSampleId :



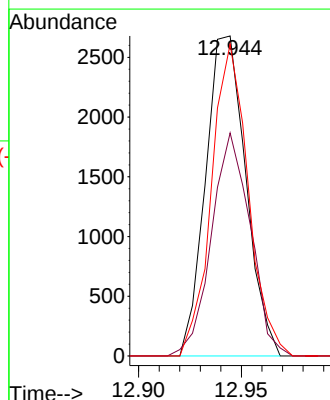
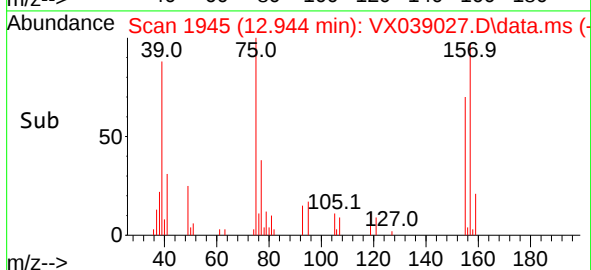
Tgt Ion:146 Resp: 16130  
 Ion Ratio Lower Upper  
 146 100  
 111 46.1 22.4 67.2  
 148 62.9 31.9 95.7

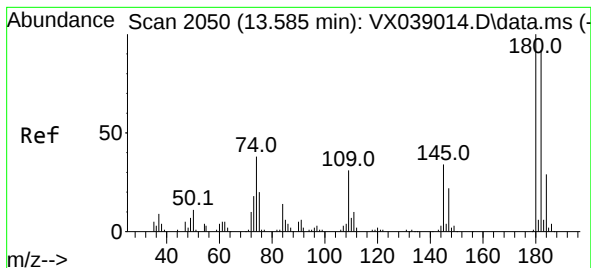


#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 5.134 ug/l  
 RT: 12.944 min Scan# 1945  
 Delta R.T. 0.006 min  
 Lab File: VX039027.D  
 Acq: 24 Nov 2023 16:18



Tgt Ion: 75 Resp: 3645  
 Ion Ratio Lower Upper  
 75 100  
 155 67.4 58.2 87.4  
 157 89.1 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 4.873 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

ClientSampleId :

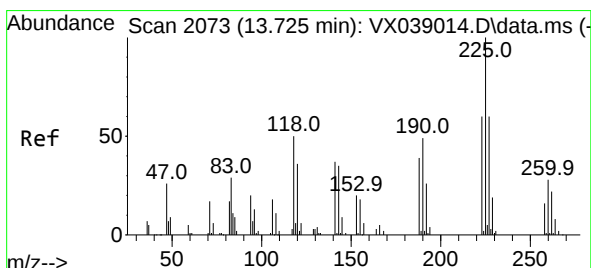
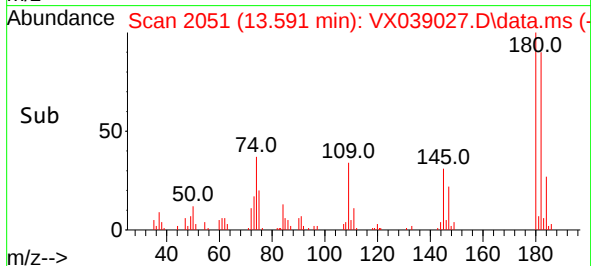
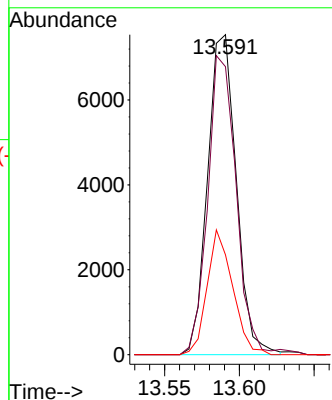
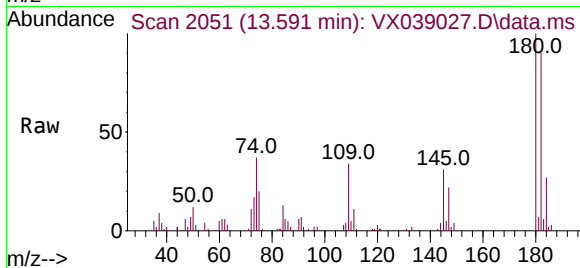
Tgt Ion:180 Resp: 10067

Ion Ratio Lower Upper

180 100

182 92.1 74.5 111.7

145 34.7 26.6 40.0



#90

Hexachlorobutadiene

Concen: 4.603 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

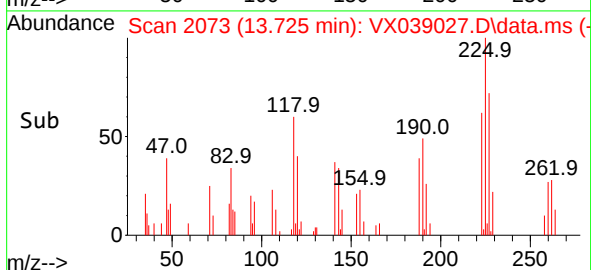
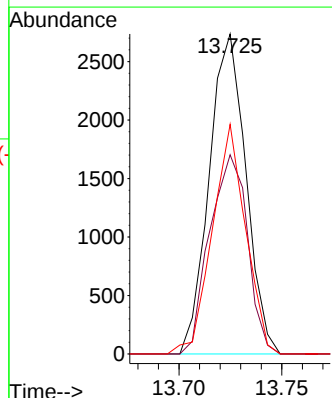
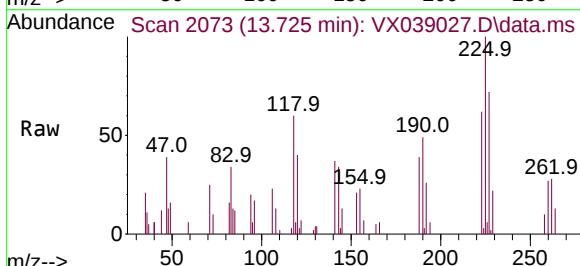
Tgt Ion:225 Resp: 3395

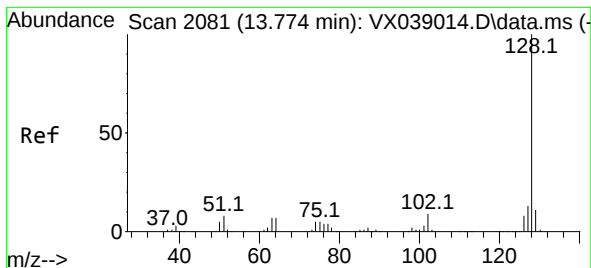
Ion Ratio Lower Upper

225 100

223 64.1 0.0 124.4

227 65.3 0.0 124.4





#91

Naphthalene

Concen: 4.921 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Instrument :

MSVOA\_X

ClientSampleId :

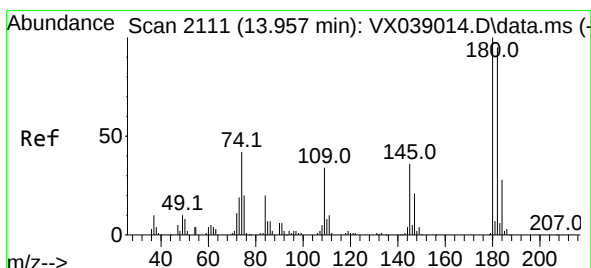
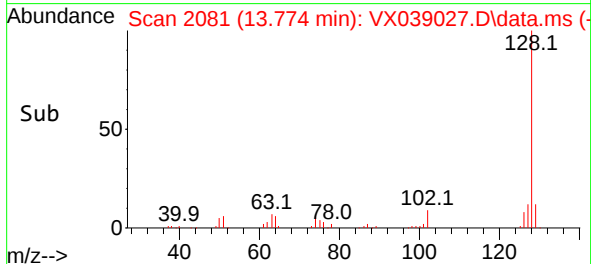
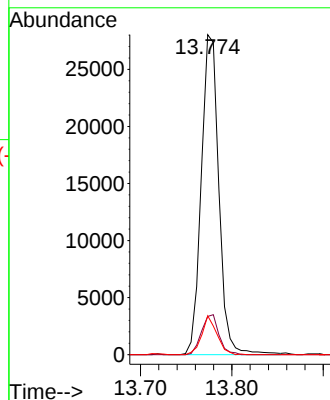
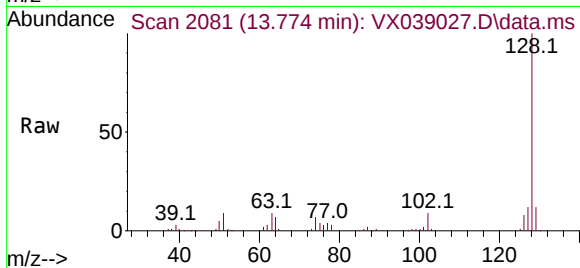
Tgt Ion:128 Resp: 37487

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

129 10.4 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 5.001 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039027.D

Acq: 24 Nov 2023 16:18

Tgt Ion:180 Resp: 10007

Ion Ratio Lower Upper

180 100

182 91.2 0.0 191.6

145 35.4 0.0 69.6

