

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030325\  
 Data File : VX045109.D  
 Acq On : 03 Mar 2025 13:46  
 Operator : JC/MD  
 Sample : Q1478-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 04 05:22:45 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.544  | 168   | 84810    | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757  | 114   | 169281   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.049 | 117   | 138779   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018 | 152   | 68503    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.946  | 65    | 67488    | 50.027    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 100.060% |
| 35) Dibromofluoromethane      | 5.379  | 113   | 55945    | 49.424    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 98.840%  |
| 50) Toluene-d8                | 8.641  | 98    | 176471   | 43.003    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 86.000%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 69546    | 51.143    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 77 - 121 | Recovery  | =      | 102.280% |
| Target Compounds              |        |       |          |           |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.142  | 85    | 27545    | 25.802    | ug/l   | 95       |
| 3) Chloromethane              | 1.294  | 50    | 360      | 0.276     | ug/l # | 84       |
| 4) Vinyl Chloride             | 1.374  | 62    | 3854     | 2.974     | ug/l   | 89       |
| 6) Chloroethane               | 1.666  | 64    | 120      | 0.201     | ug/l # | 41       |
| 7) Trichlorofluoromethane     | 2.136  | 101   | 623      | 0.363     | ug/l   | 94       |
| 8) Diethyl Ether              | 2.325  | 74    | 1291     | 1.924     | ug/l # | 1        |
| 9) 1,1,2-Trichlorotrifluo...  | 2.319  | 101   | 1342729  | 1362.203  | ug/l   | 99       |
| 11) Tert butyl alcohol        | 2.947  | 59    | 574      | 2.246     | ug/l # | 73       |
| 12) 1,1-Dichloroethene        | 2.313  | 96    | 28456    | 27.305    | ug/l   | 98       |
| 13) Acrolein                  | 2.331  | 56    | 480      | 1.625     | ug/l # | 38       |
| 16) Acetone                   | 2.380  | 43    | 3967     | 6.338     | ug/l   | 96       |
| 18) Methyl Acetate            | 2.709  | 43    | 806      | 0.535     | ug/l # | 84       |
| 20) Methylene Chloride        | 2.782  | 84    | 334      | 0.269     | ug/l # | 95       |
| 21) trans-1,2-Dichloroethene  | 3.087  | 96    | 53998    | 52.448    | ug/l   | 93       |
| 24) 1,1-Dichloroethane        | 3.599  | 63    | 24136    | 11.415    | ug/l   | 98       |
| 25) 2-Butanone                | 4.587  | 43    | 604      | 0.641     | ug/l # | 53       |
| 27) cis-1,2-Dichloroethene    | 4.477  | 96    | 1844339  | 1451.156  | ug/l   | 96       |
| 28) Bromochloromethane        | 5.086  | 49    | 742      | 0.736     | ug/l # | 17       |
| 30) Chloroform                | 5.080  | 83    | 6975     | 3.320     | ug/l   | 96       |
| 31) Cyclohexane               | 5.544  | 56    | 2185     | 1.190     | ug/l # | 18       |
| 32) 1,1,1-Trichloroethane     | 5.373  | 97    | 53454    | 31.503    | ug/l   | 98       |
| 36) 1,1-Dichloropropene       | 5.538  | 75    | 7343     | 4.730     | ug/l # | 50       |
| 37) Ethyl Acetate             | 4.587  | 43    | 604      | 0.302     | ug/l # | 70       |
| 38) Carbon Tetrachloride      | 5.544  | 117   | 9041     | 5.737     | ug/l # | 16       |
| 39) Methylcyclohexane         | 7.159  | 83    | 220241   | 118.405   | ug/l # | 1        |
| 40) Benzene                   | 6.031  | 78    | 5946     | 1.213     | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 6.086  | 62    | 4777     | 2.706     | ug/l   | 95       |
| 44) Trichloroethene           | 7.159  | 130   | 14962403 | 12999.289 | ug/l   | 95       |
| 49) 1,4-Dioxane               | 7.671  | 88    | 312      | 9.967     | ug/l   | 93       |
| 52) Toluene                   | 8.714  | 92    | 9358     | 3.254     | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97    | 504      | 0.426     | ug/l # | 78       |
| 60) Dibromochloromethane      | 9.269  | 129   | 747407   | 603.729   | ug/l # | 11       |
| 64) Tetrachloroethene         | 9.269  | 164   | 732498   | 824.121   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106   | 651      | 0.348     | ug/l   | 86       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 36452    | 22.862    | ug/l # | 36       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 36452    | 78.239    | ug/l # | 6        |

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Sample : Q1478-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Mar 04 05:22:45 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 28 06:45:16 2025  
Response via : Initial Calibration

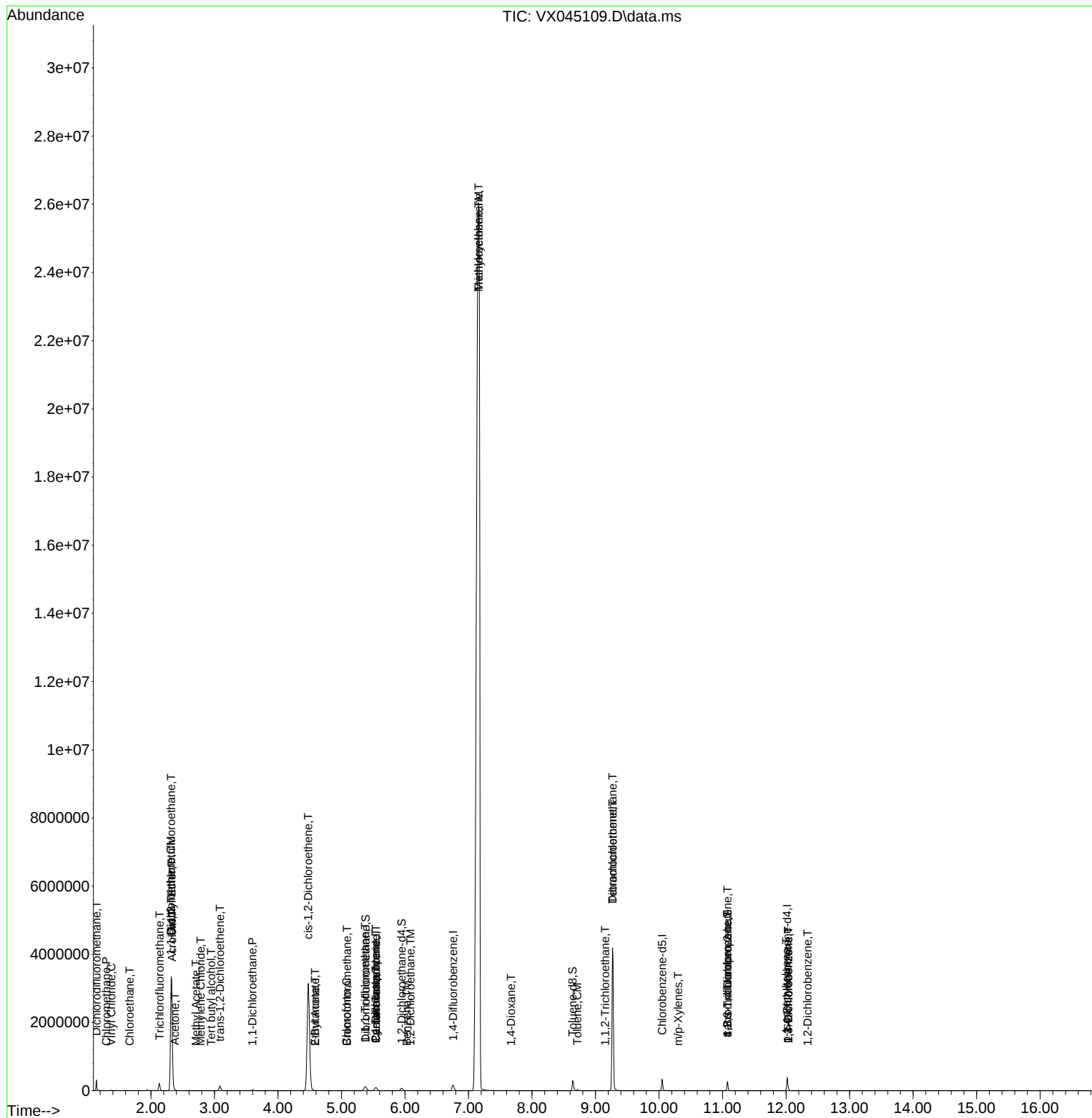
| Compound                | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|--------|------|----------|-------|-------|----------|
| 86) p-Isopropyltoluene  | 12.006 | 119  | 2490     | 0.579 | ug/l  | 88       |
| 87) 1,3-Dichlorobenzene | 12.036 | 146  | 15569    | 6.918 | ug/l  | 95       |
| 88) 1,4-Dichlorobenzene | 12.036 | 146  | 15569    | 6.838 | ug/l  | 93       |
| 91) 1,2-Dichlorobenzene | 12.341 | 146  | 460      | 0.204 | ug/l  | 98       |

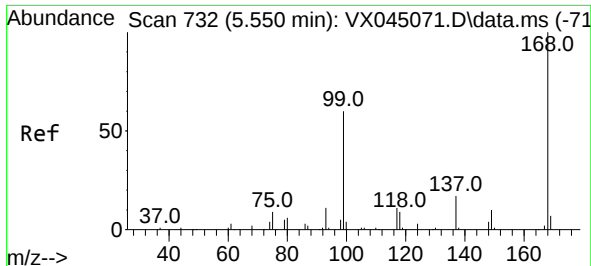
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030325\  
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Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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Quant Time: Mar 04 05:22:45 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 28 06:45:16 2025  
Response via : Initial Calibration

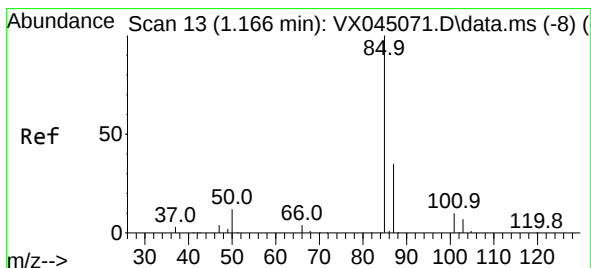
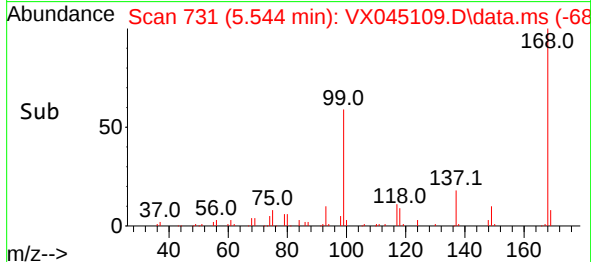
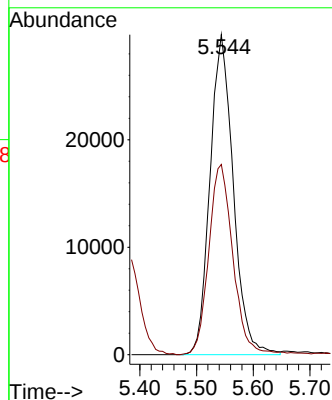
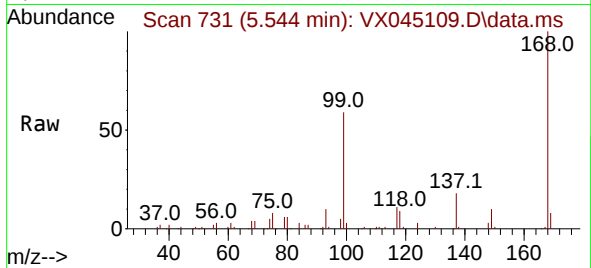




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

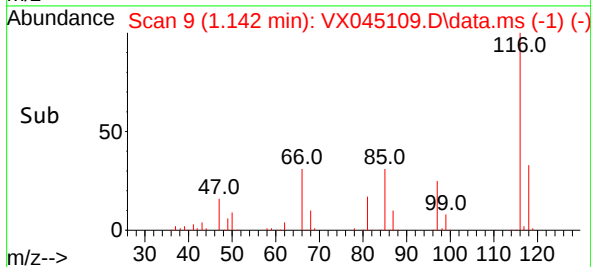
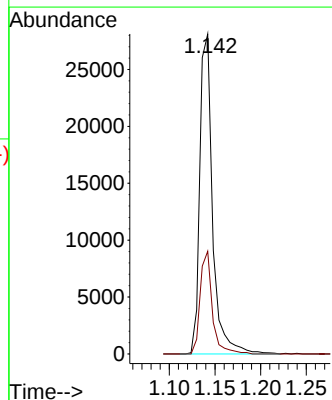
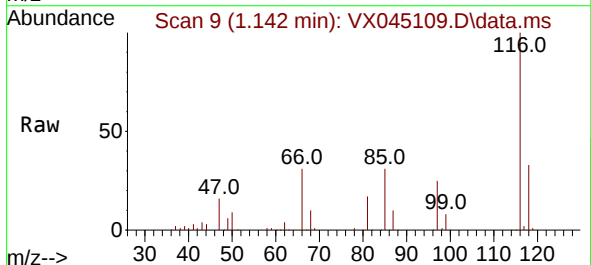
Instrument :  
MSVOA\_X  
ClientSampleId :

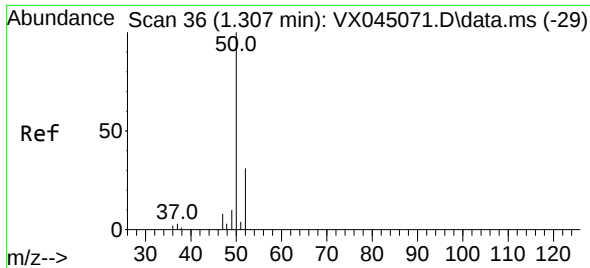
Tgt Ion:168 Resp: 84810  
Ion Ratio Lower Upper  
168 100  
99 59.5 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 25.802 ug/l  
RT: 1.142 min Scan# 9  
Delta R.T. -0.024 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion: 85 Resp: 27545  
Ion Ratio Lower Upper  
85 100  
87 32.1 17.4 52.3

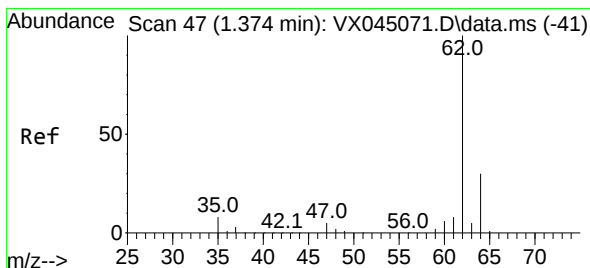
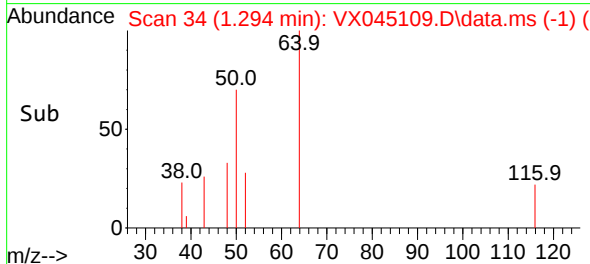
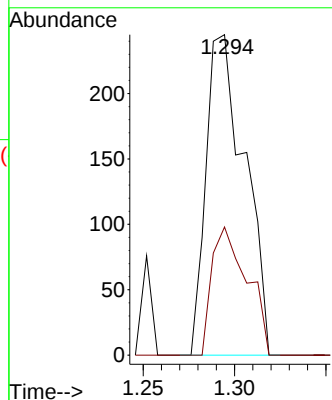
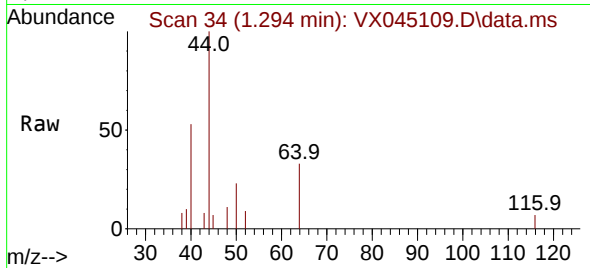




#3  
Chloromethane  
Concen: 0.276 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.012 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

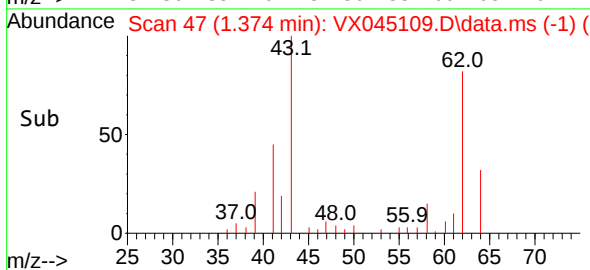
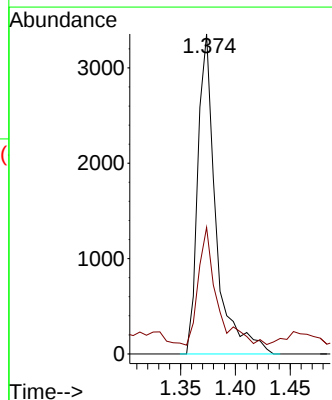
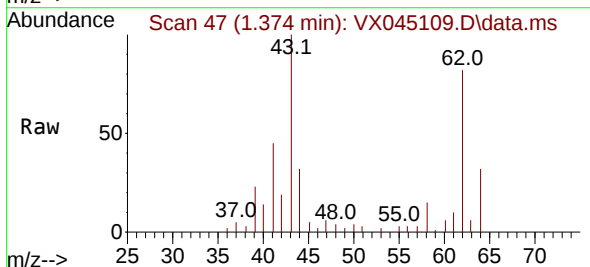
Instrument :  
MSVOA\_X  
ClientSampleId :

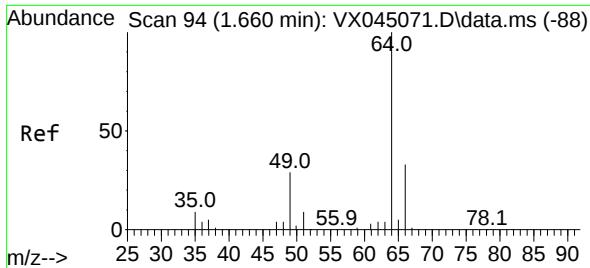
Tgt Ion: 50 Resp: 360  
Ion Ratio Lower Upper  
50 100  
52 40.0 25.0 37.4#



#4  
Vinyl Chloride  
Concen: 2.974 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion: 62 Resp: 3854  
Ion Ratio Lower Upper  
62 100  
64 36.1 24.3 36.5

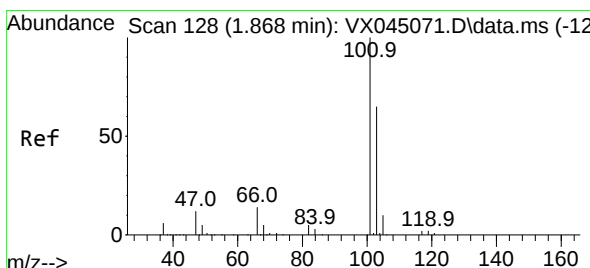
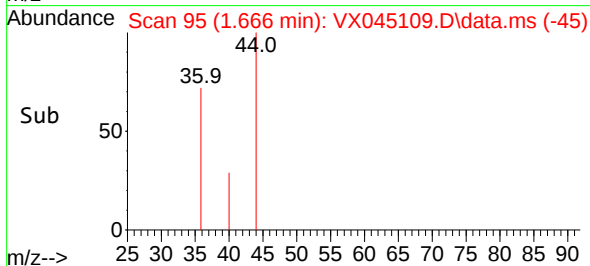
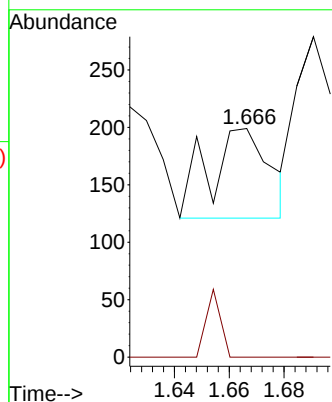
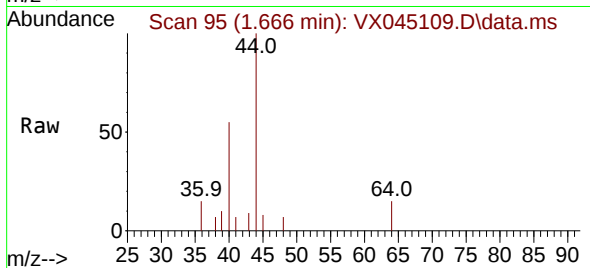




#6  
Chloroethane  
Concen: 0.201 ug/l  
RT: 1.666 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

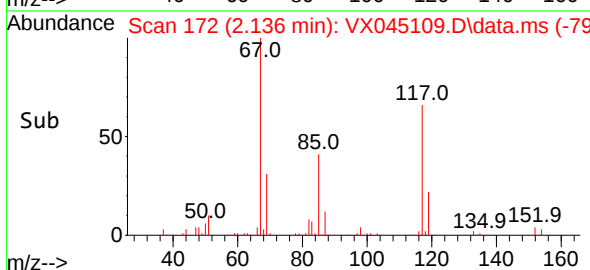
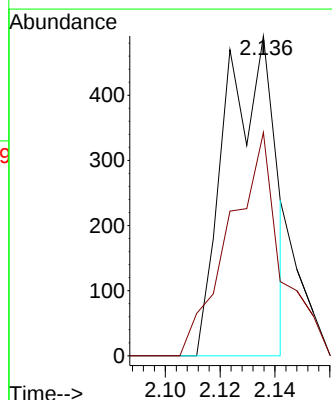
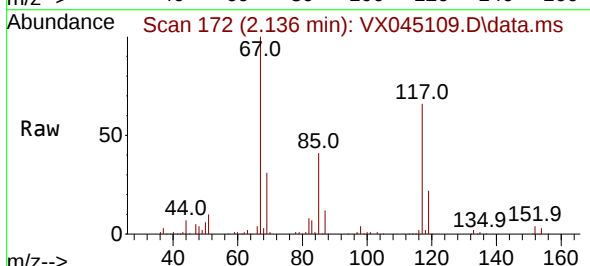
Instrument :  
MSVOA\_X  
ClientSampleId :

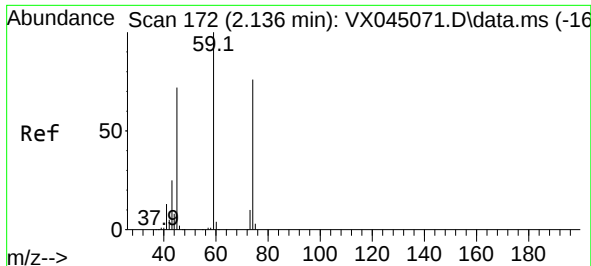
Tgt Ion: 64 Resp: 120  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.7 40.1#



#7  
Trichlorofluoromethane  
Concen: 0.363 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.268 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion: 101 Resp: 623  
Ion Ratio Lower Upper  
101 100  
103 69.9 52.1 78.1

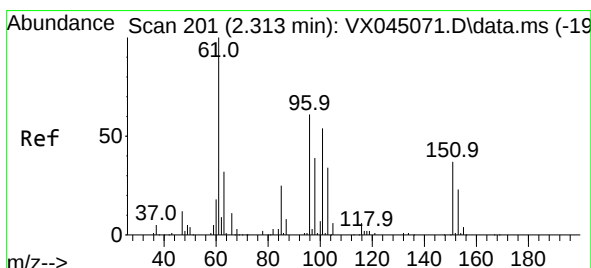
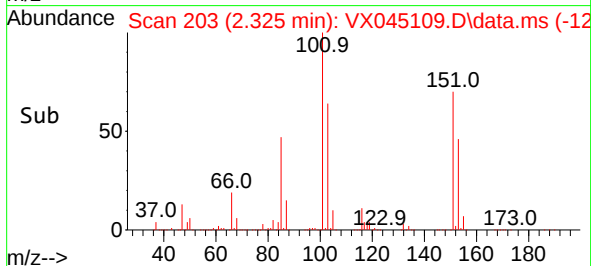
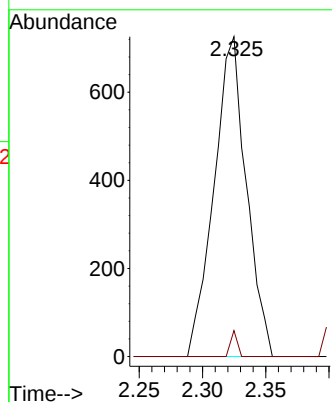
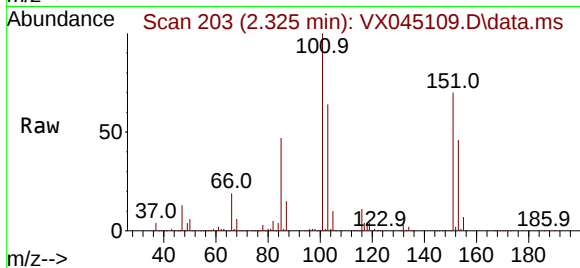




#8  
Diethyl Ether  
Concen: 1.924 ug/l  
RT: 2.325 min Scan# 20  
Delta R.T. 0.189 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

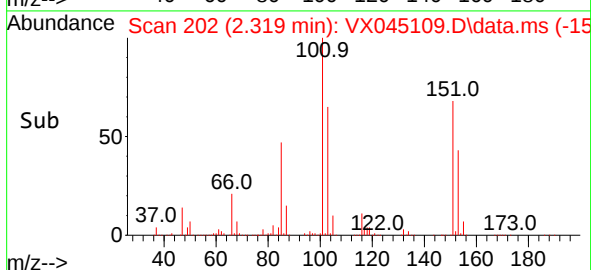
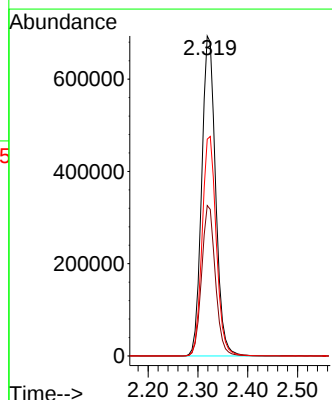
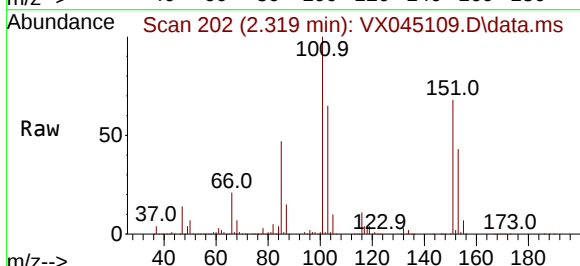
Instrument :  
MSVOA\_X  
ClientSampleId :

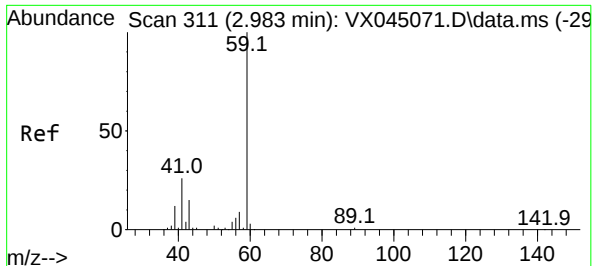
Tgt Ion: 74 Resp: 1291  
Ion Ratio Lower Upper  
74 100  
45 0.0 51.5 154.5#



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1362.203 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.006 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion:101 Resp: 1342729  
Ion Ratio Lower Upper  
101 100  
85 46.4 36.2 54.4  
151 69.8 56.4 84.6





#11

Tert butyl alcohol

Concen: 2.246 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX045109.D

Acq: 03 Mar 2025 13:46

Instrument :

MSVOA\_X

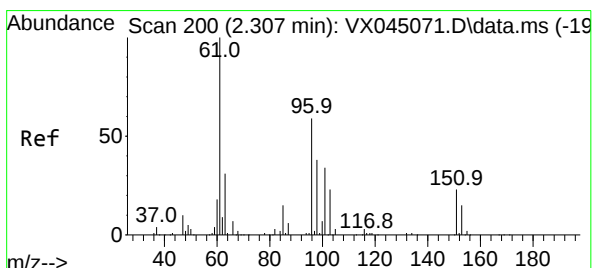
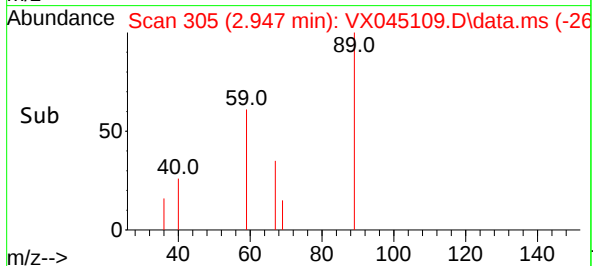
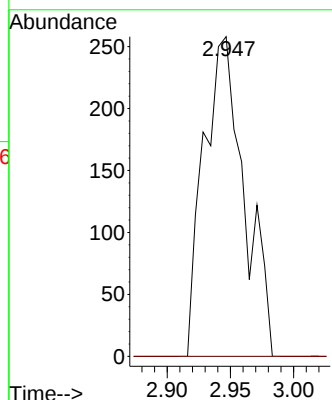
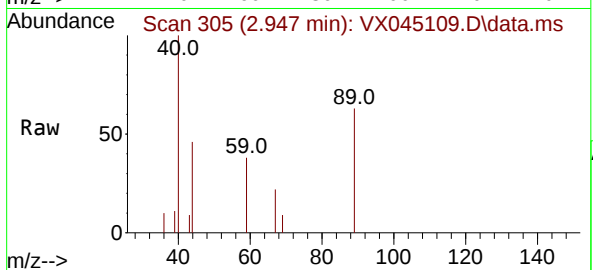
ClientSampleId :

Tgt Ion: 59 Resp: 574

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 27.305 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX045109.D

Acq: 03 Mar 2025 13:46

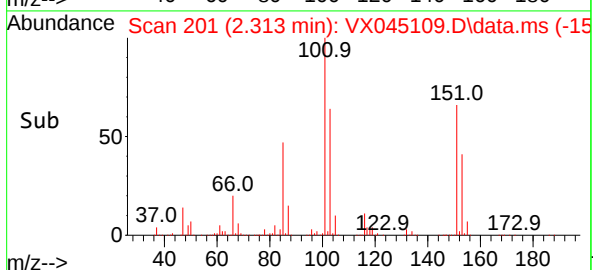
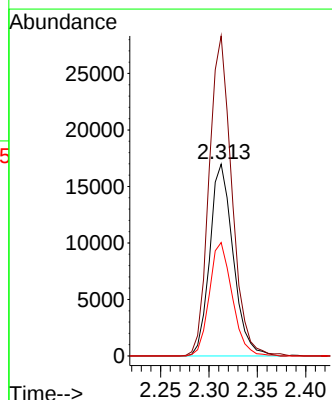
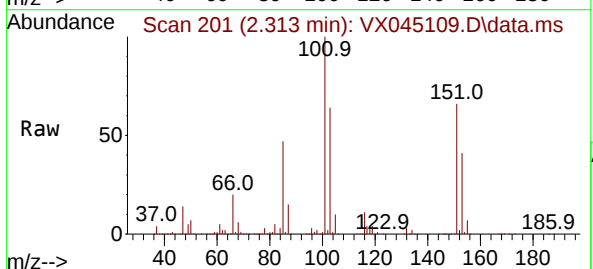
Tgt Ion: 96 Resp: 28456

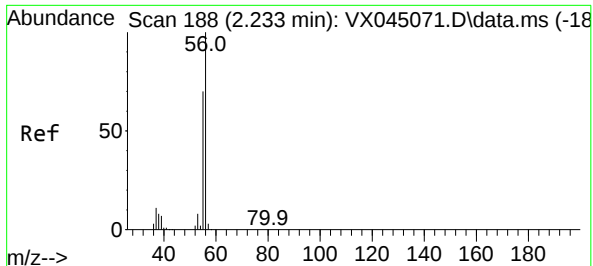
Ion Ratio Lower Upper

96 100

61 166.8 134.6 202.0

98 59.2 51.0 76.6





#13

Acrolein

Concen: 1.625 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.098 min

Lab File: VX045109.D

Acq: 03 Mar 2025 13:46

Instrument :

MSVOA\_X

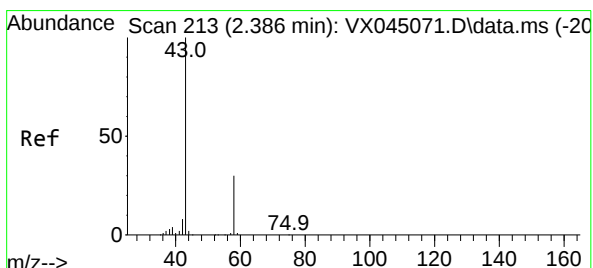
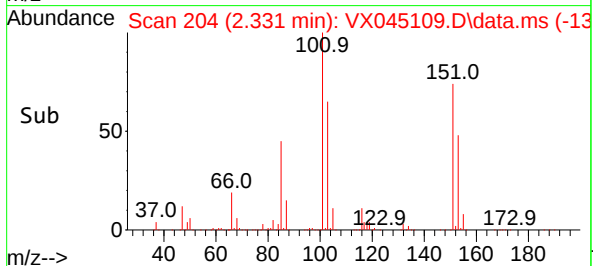
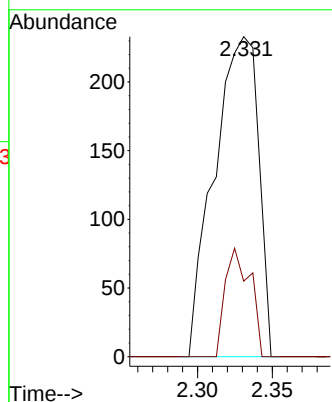
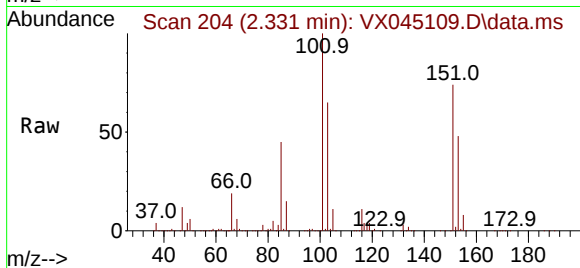
ClientSampleId :

Tgt Ion: 56 Resp: 480

Ion Ratio Lower Upper

56 100

55 19.2 56.2 84.4#



#16

Acetone

Concen: 6.338 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045109.D

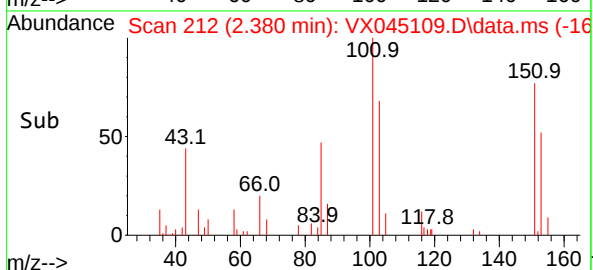
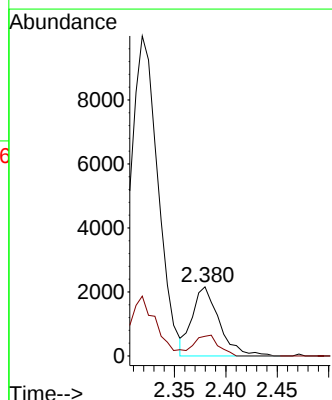
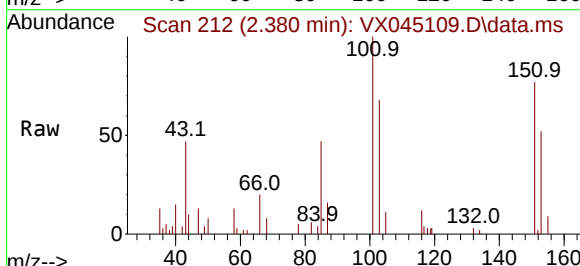
Acq: 03 Mar 2025 13:46

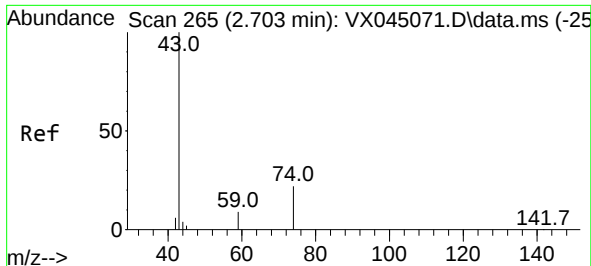
Tgt Ion: 43 Resp: 3967

Ion Ratio Lower Upper

43 100

58 28.4 24.2 36.4

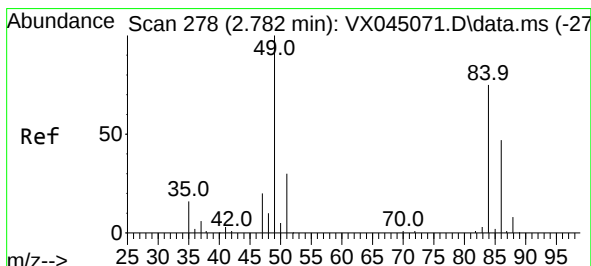
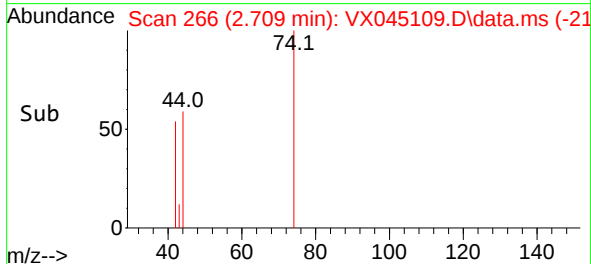
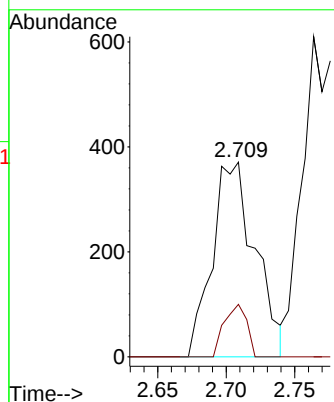
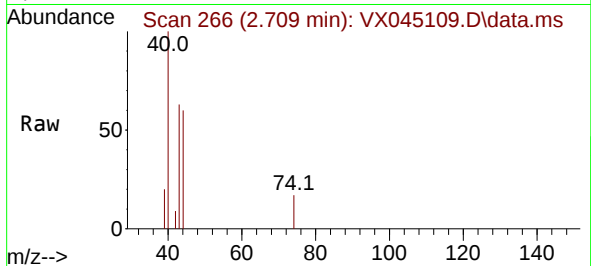




#18  
Methyl Acetate  
Concen: 0.535 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

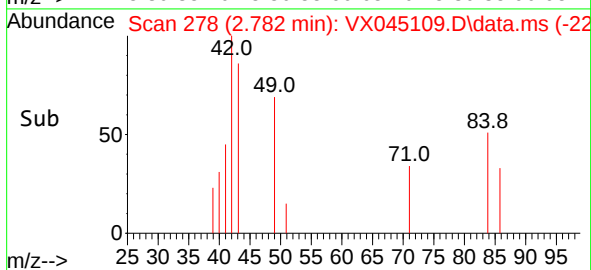
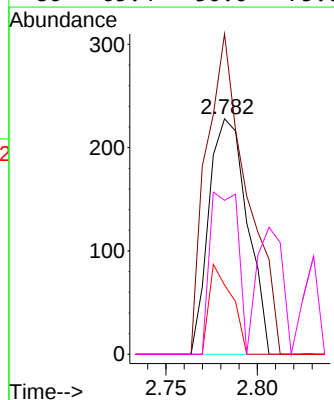
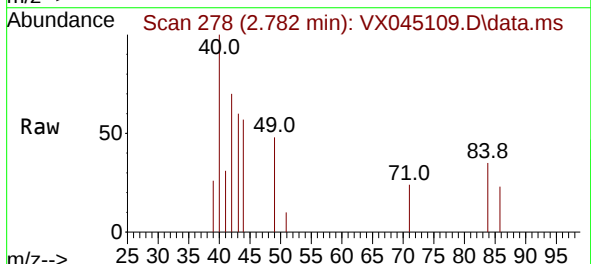
Instrument :  
MSVOA\_X  
ClientSampleId :

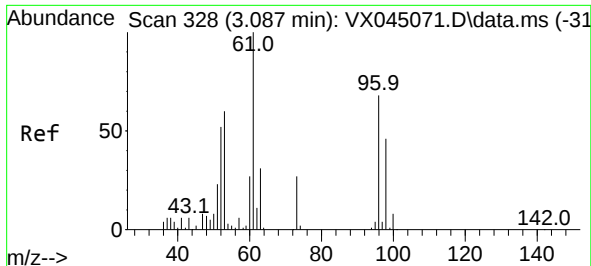
Tgt Ion: 43 Resp: 806  
Ion Ratio Lower Upper  
43 100  
74 14.1 17.4 26.2#



#20  
Methylene Chloride  
Concen: 0.269 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion: 84 Resp: 334  
Ion Ratio Lower Upper  
84 100  
49 136.0 106.5 159.7  
51 29.4 32.1 48.1#  
86 65.4 50.0 75.0

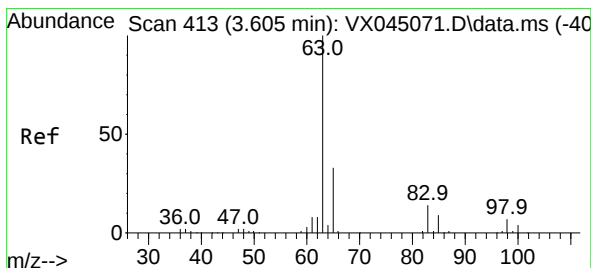
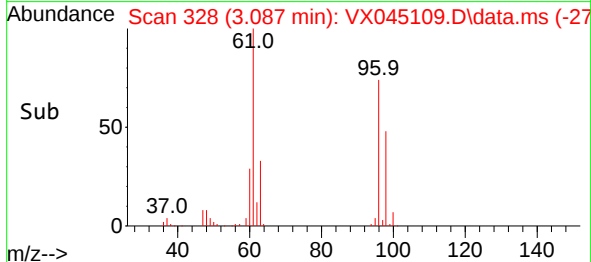
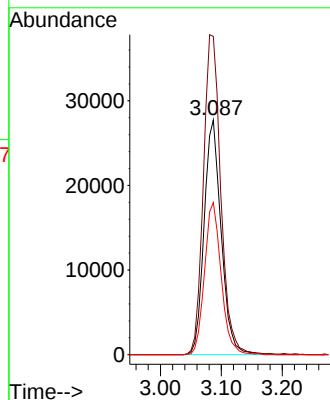
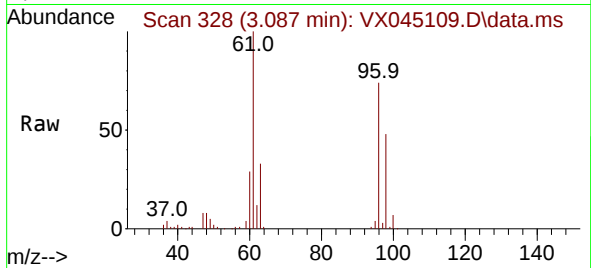




#21  
trans-1,2-Dichloroethene  
Concen: 52.448 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

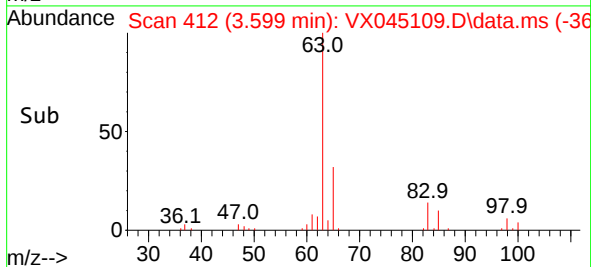
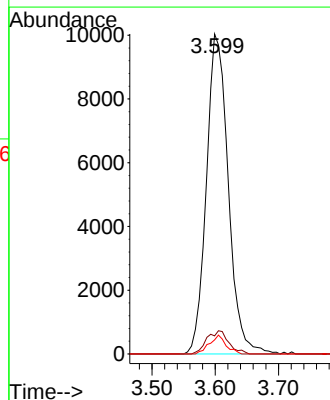
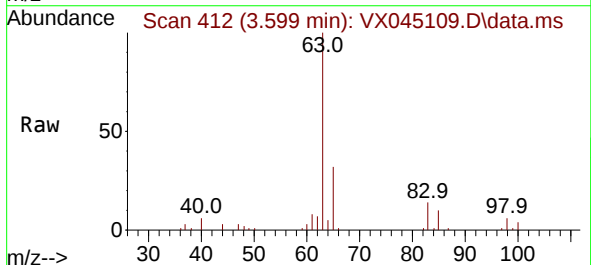
Instrument :  
MSVOA\_X  
ClientSampleId :

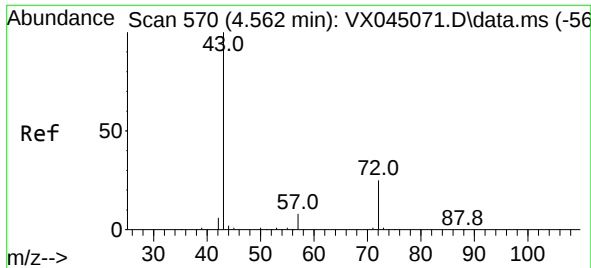
Tgt Ion: 96 Resp: 53998  
Ion Ratio Lower Upper  
96 100  
61 135.6 117.0 175.4  
98 64.8 53.4 80.2



#24  
1,1-Dichloroethane  
Concen: 11.415 ug/l  
RT: 3.599 min Scan# 412  
Delta R.T. -0.006 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion: 63 Resp: 24136  
Ion Ratio Lower Upper  
63 100  
98 5.7 3.4 10.2  
100 4.4 2.1 6.5

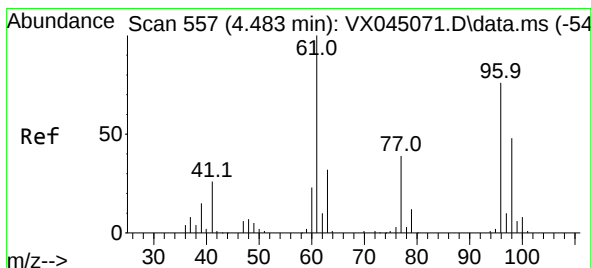
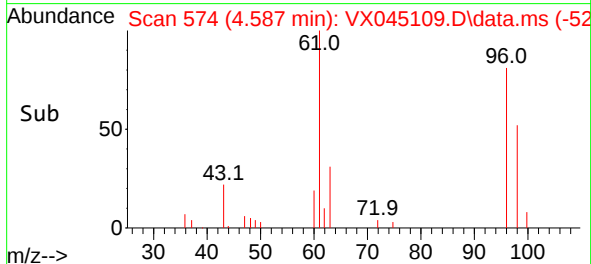
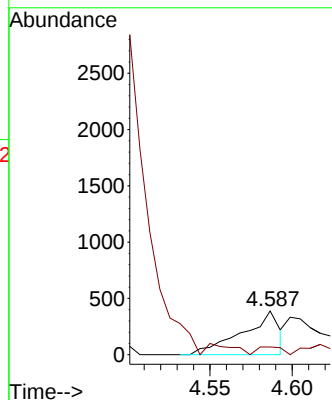
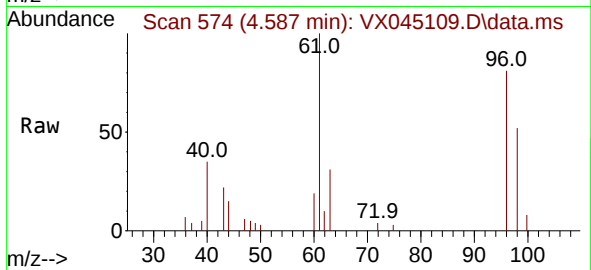




#25  
2-Butanone  
Concen: 0.641 ug/l  
RT: 4.587 min Scan# 51  
Delta R.T. 0.024 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

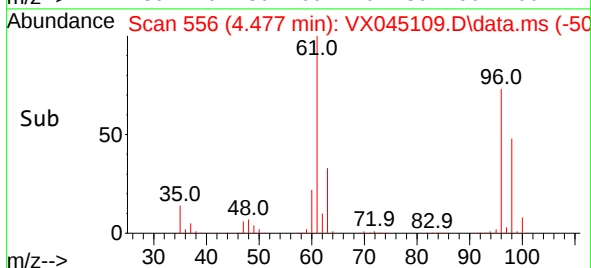
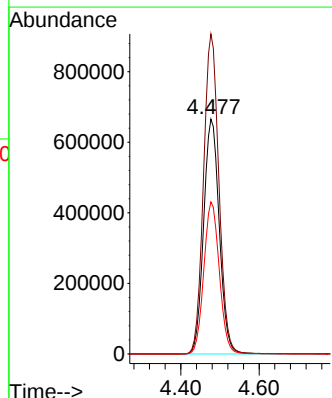
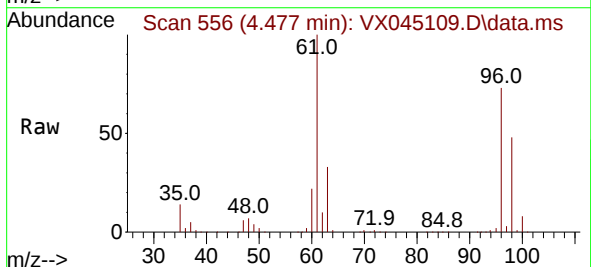
Instrument :  
MSVOA\_X  
ClientSampleId :

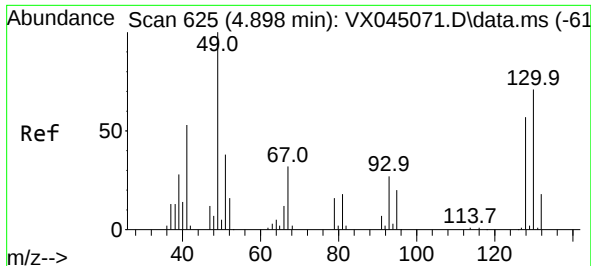
Tgt Ion: 43 Resp: 604  
Ion Ratio Lower Upper  
43 100  
72 1.3 20.0 30.0#



#27  
cis-1,2-Dichloroethene  
Concen: 1451.156 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.006 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion: 96 Resp: 1844339  
Ion Ratio Lower Upper  
96 100  
61 134.0 0.0 283.2  
98 64.1 0.0 128.0

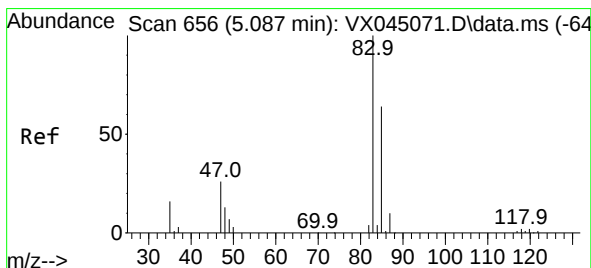
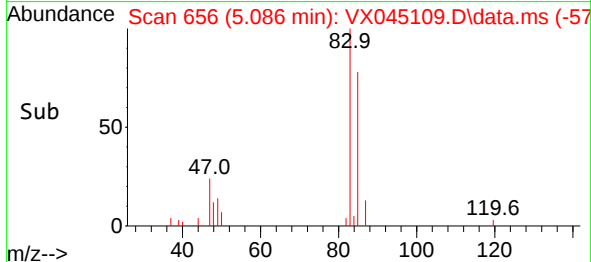
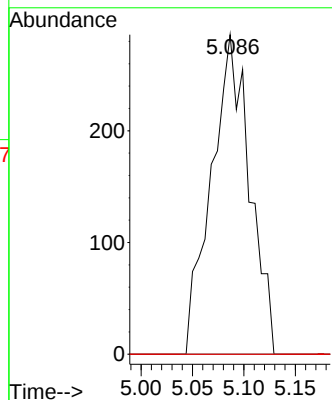
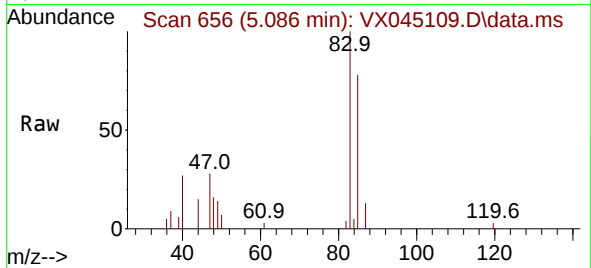




#28  
Bromochloromethane  
Concen: 0.736 ug/l  
RT: 5.086 min Scan# 61  
Delta R.T. 0.189 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

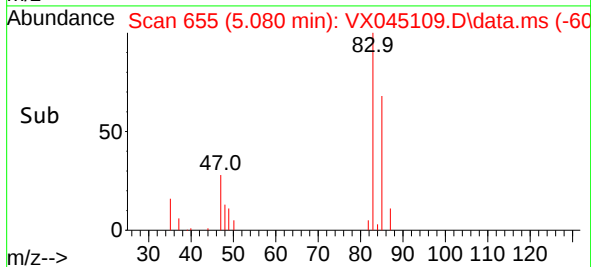
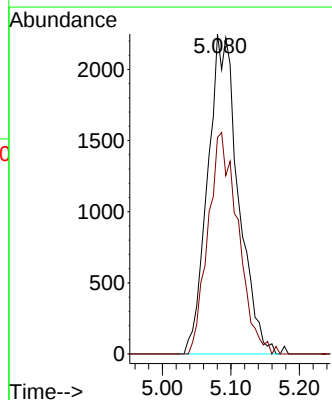
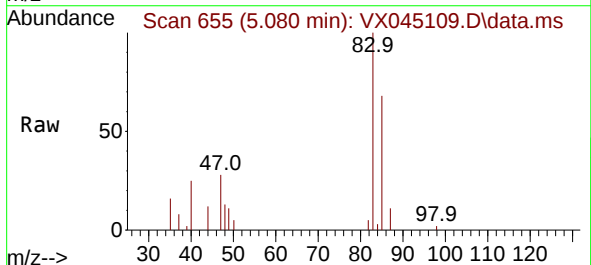
Instrument :  
MSVOA\_X  
ClientSampleId :

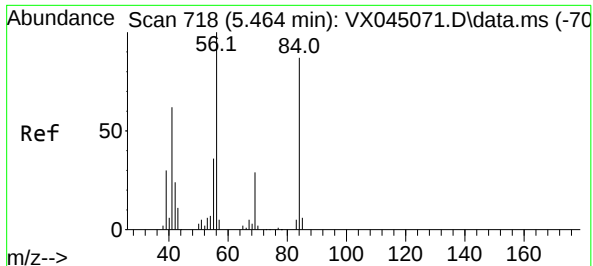
Tgt Ion: 49 Resp: 742  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.4  
130 0.0 56.1 84.1#



#30  
Chloroform  
Concen: 3.320 ug/l  
RT: 5.080 min Scan# 655  
Delta R.T. -0.006 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

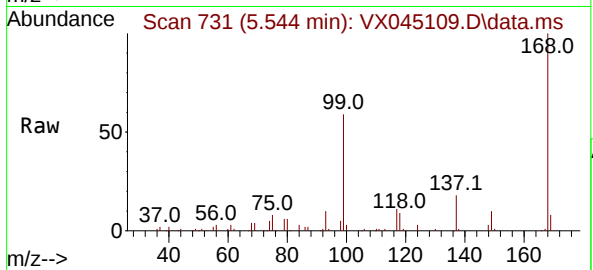
Tgt Ion: 83 Resp: 6975  
Ion Ratio Lower Upper  
83 100  
85 67.7 51.4 77.2



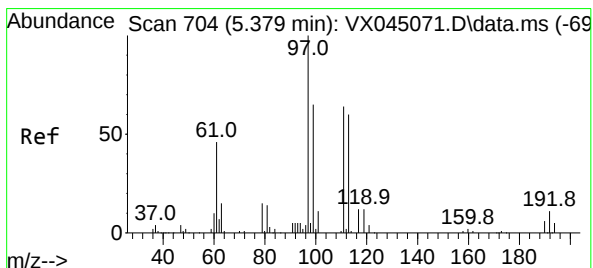
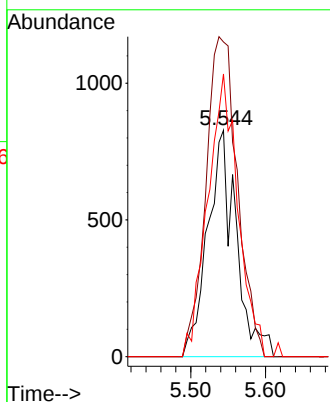
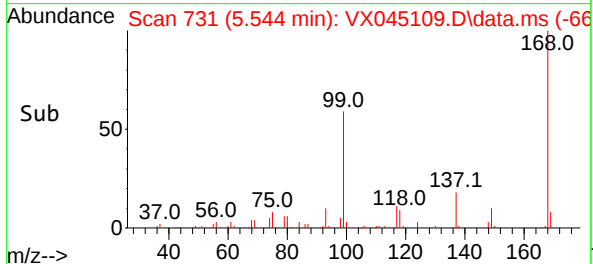


#31  
Cyclohexane  
Concen: 1.190 ug/l  
RT: 5.544 min Scan# 718  
Delta R.T. 0.079 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :

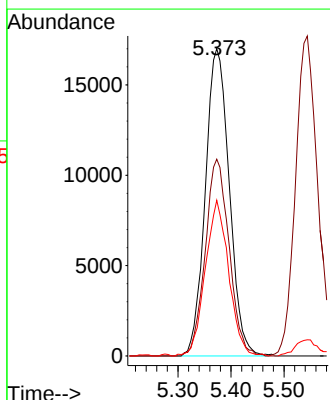
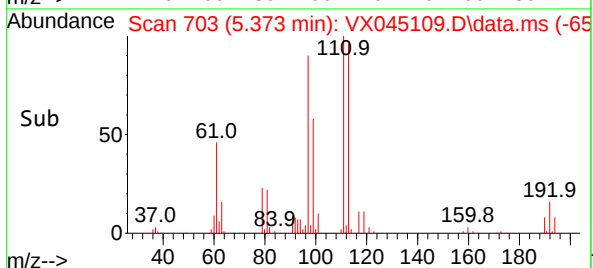
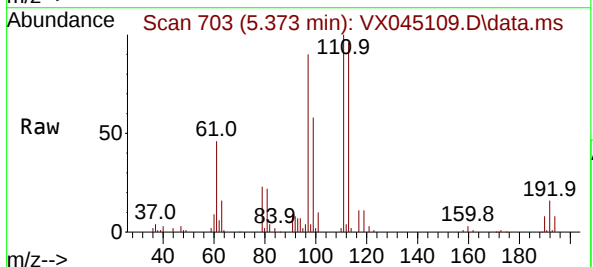


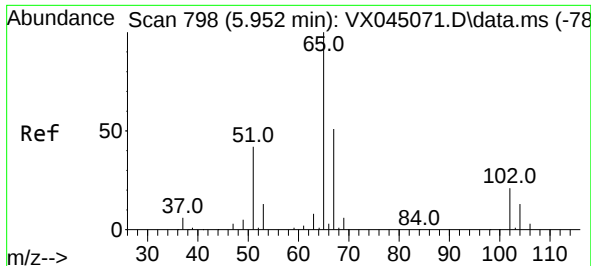
Tgt Ion: 56 Resp: 2185  
Ion Ratio Lower Upper  
56 100  
69 139.0 23.4 35.2#  
84 124.9 69.4 104.2#



#32  
1,1,1-Trichloroethane  
Concen: 31.503 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion: 97 Resp: 53454  
Ion Ratio Lower Upper  
97 100  
99 63.6 51.6 77.4  
61 49.5 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 50.027 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045109.D

Acq: 03 Mar 2025 13:46

Instrument :

MSVOA\_X

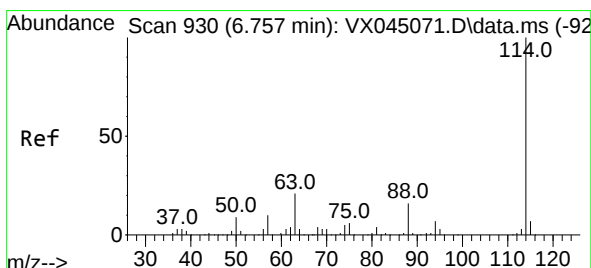
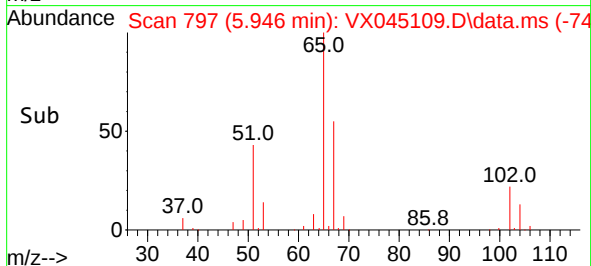
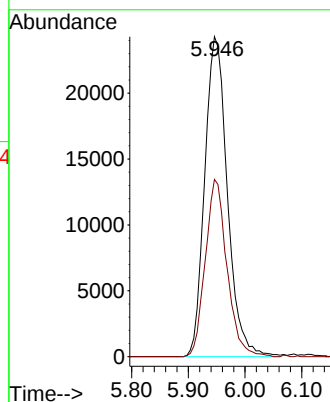
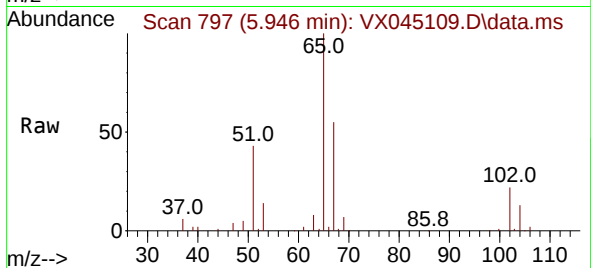
ClientSampleId :

Tgt Ion: 65 Resp: 67488

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045109.D

Acq: 03 Mar 2025 13:46

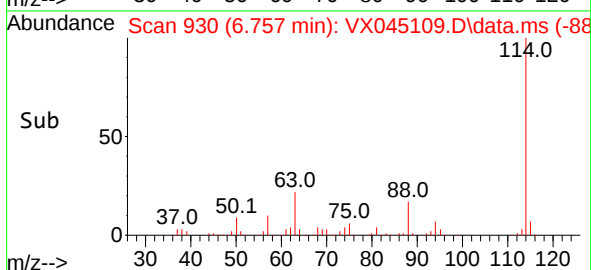
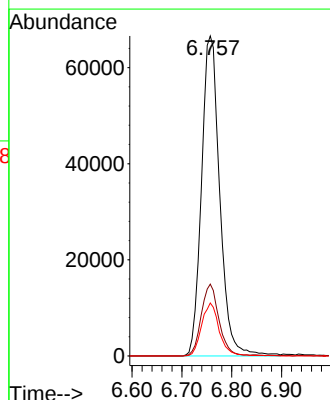
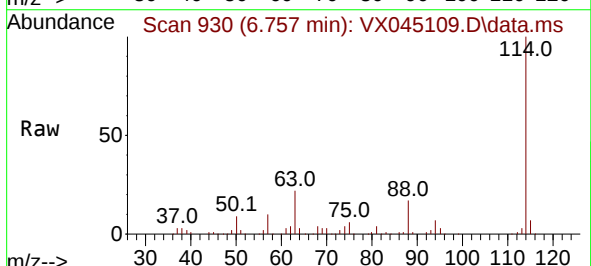
Tgt Ion: 114 Resp: 169281

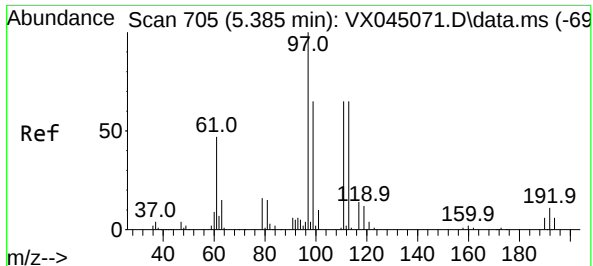
Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

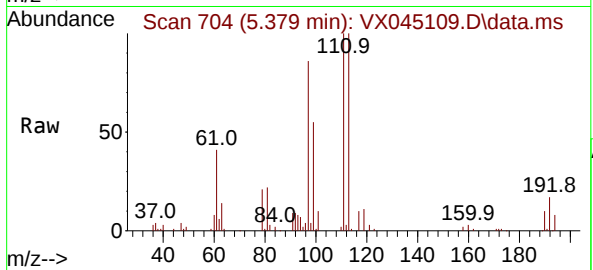
88 16.6 0.0 32.8



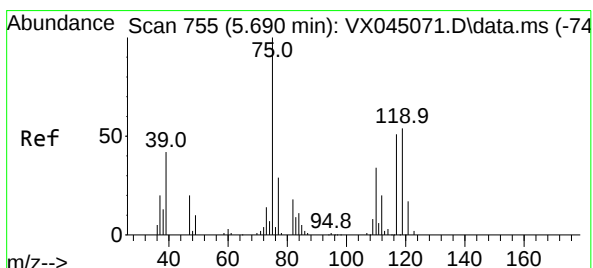
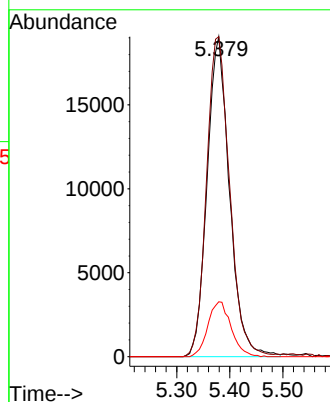
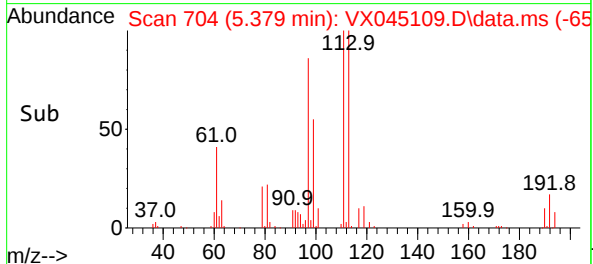


#35  
Dibromofluoromethane  
Concen: 49.424 ug/l  
RT: 5.379 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :

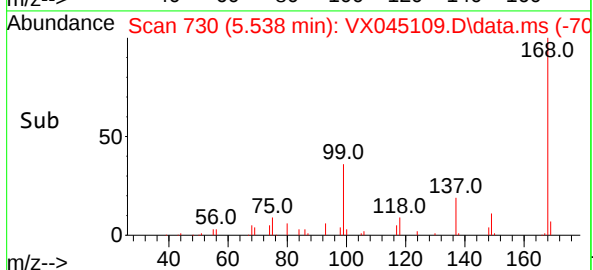
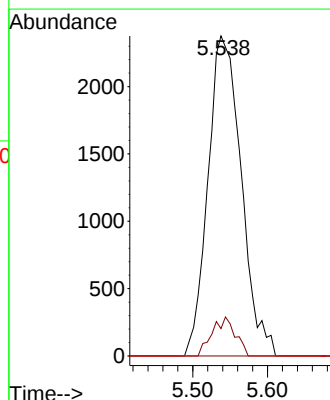
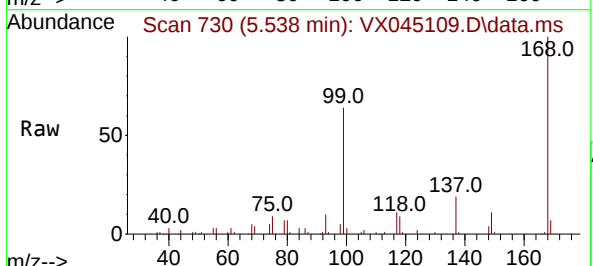


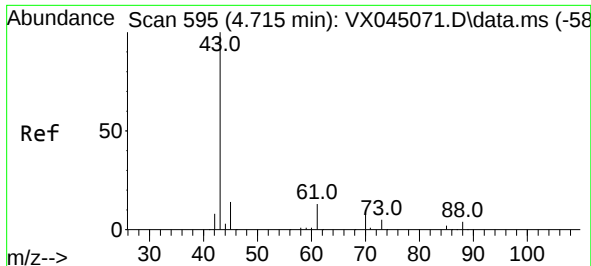
Tgt Ion:113 Resp: 55945  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.8 122.6  
192 17.8 14.3 21.5



#36  
1,1-Dichloropropene  
Concen: 4.730 ug/l  
RT: 5.538 min Scan# 730  
Delta R.T. -0.152 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion: 75 Resp: 7343  
Ion Ratio Lower Upper  
75 100  
110 8.5 16.9 50.6#  
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 0.302 ug/l

RT: 4.587 min Scan# 51

Delta R.T. -0.128 min

Lab File: VX045109.D

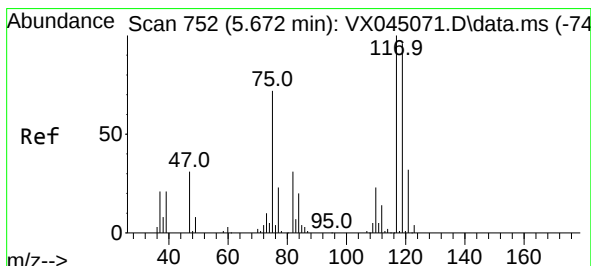
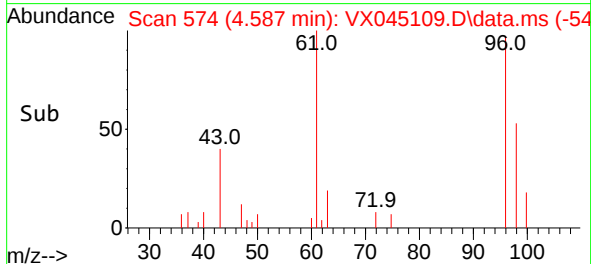
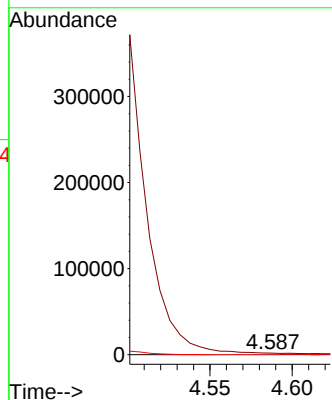
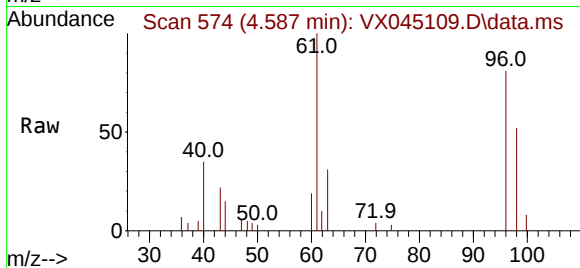
Acq: 03 Mar 2025 13:46

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 604   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 10.8  | 16.2# |
| 70       | 0.0   | 7.7   | 11.5# |



#38

Carbon Tetrachloride

Concen: 5.737 ug/l

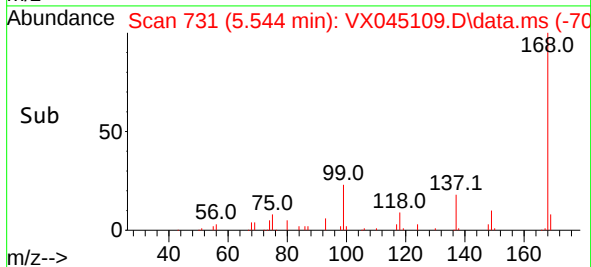
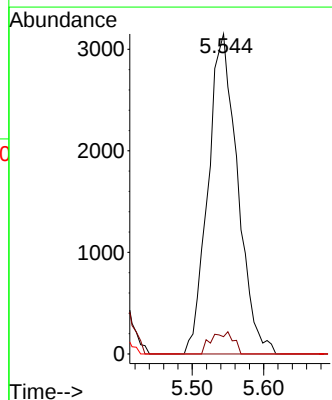
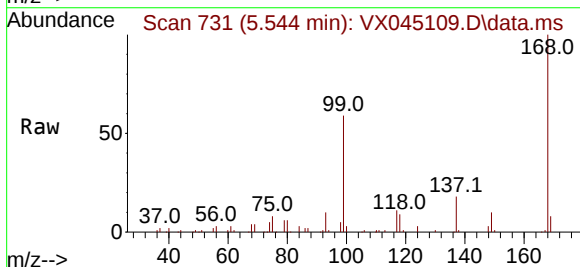
RT: 5.544 min Scan# 731

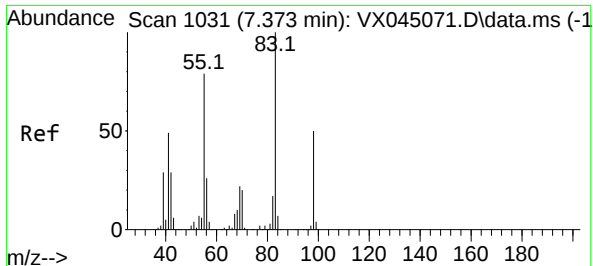
Delta R.T. -0.128 min

Lab File: VX045109.D

Acq: 03 Mar 2025 13:46

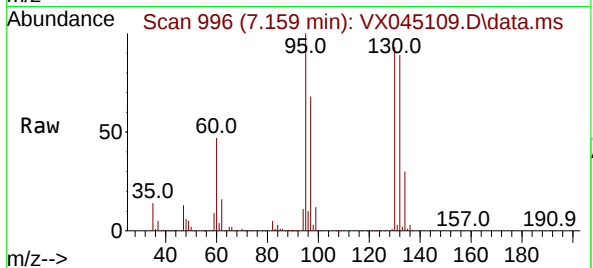
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 9041   |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 5.4   | 76.7  | 115.1# |
| 121      | 0.0   | 25.5  | 38.3#  |



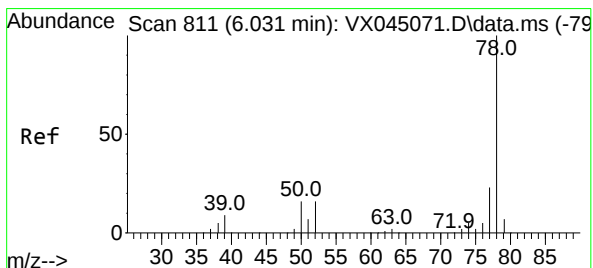
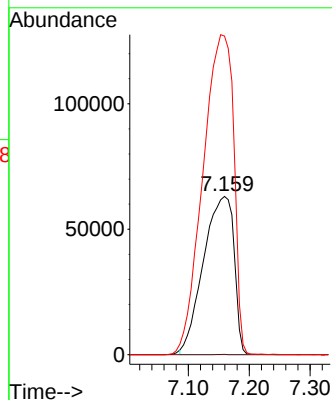
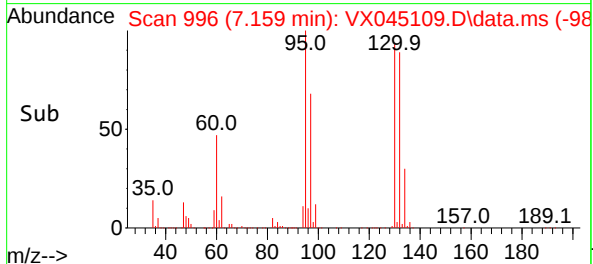


#39  
Methylcyclohexane  
Concen: 118.405 ug/l  
RT: 7.159 min Scan# 996  
Delta R.T. -0.213 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :

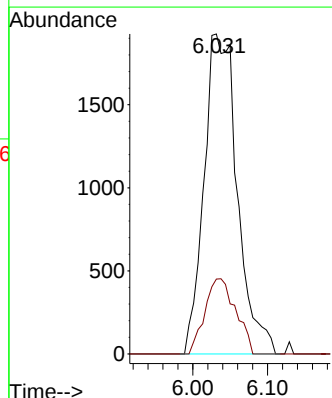
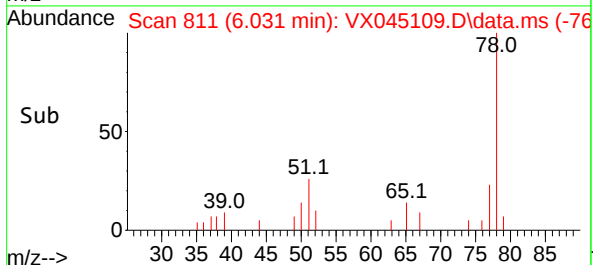
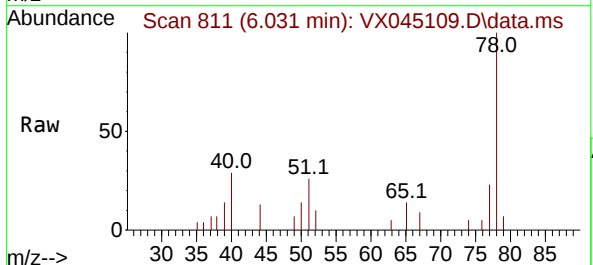


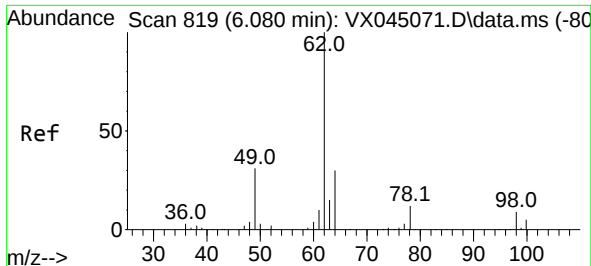
Tgt Ion: 83 Resp: 220241  
Ion Ratio Lower Upper  
83 100  
55 0.2 63.0 94.4#  
98 201.2 39.7 59.5#



#40  
Benzene  
Concen: 1.213 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion: 78 Resp: 5946  
Ion Ratio Lower Upper  
78 100  
77 23.4 18.8 28.2

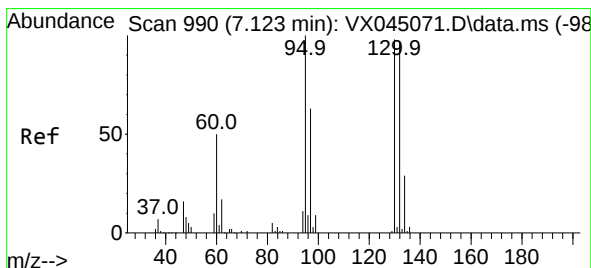
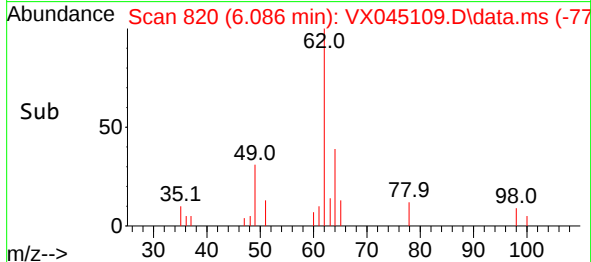
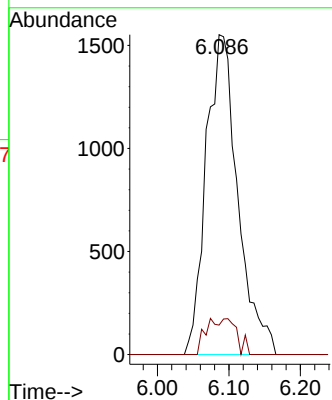
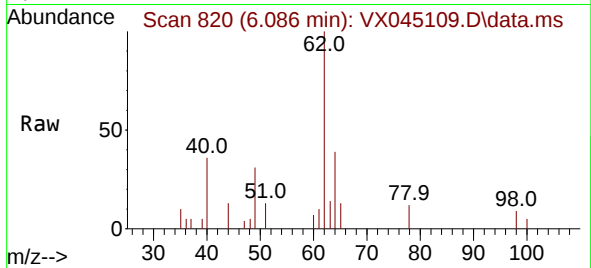




#42  
1,2-Dichloroethane  
Concen: 2.706 ug/l  
RT: 6.086 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

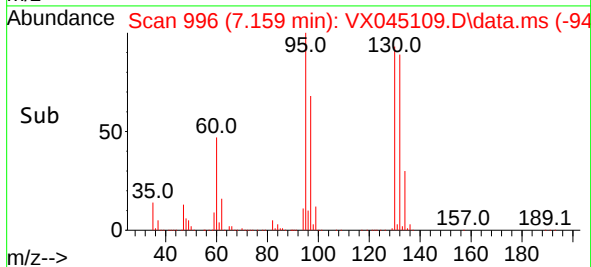
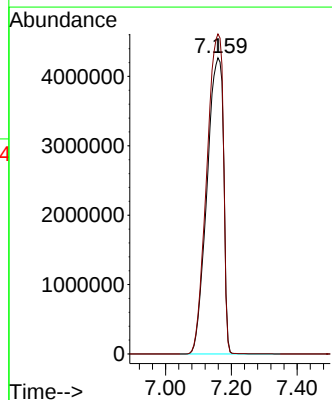
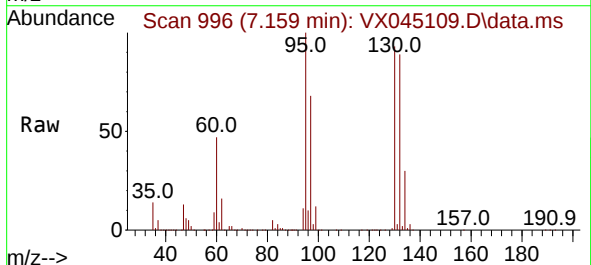
Instrument :  
MSVOA\_X  
ClientSampleId :

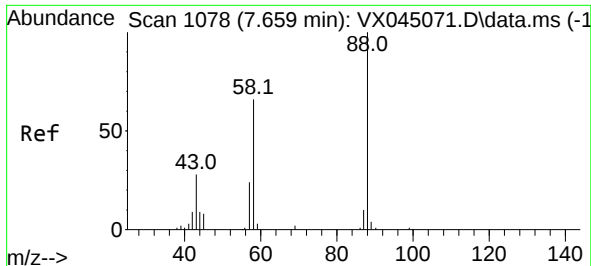
Tgt Ion: 62 Resp: 4777  
Ion Ratio Lower Upper  
62 100  
98 10.8 0.0 18.2



#44  
Trichloroethene  
Concen: 12999.289 ug/l  
RT: 7.159 min Scan# 996  
Delta R.T. 0.037 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion:130 Resp:14962403  
Ion Ratio Lower Upper  
130 100  
95 108.0 0.0 205.0





#49

1,4-Dioxane

Concen: 9.967 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.012 min

Lab File: VX045109.D

Acq: 03 Mar 2025 13:46

Instrument :

MSVOA\_X

ClientSampleId :

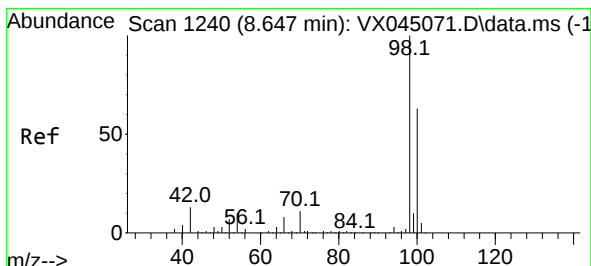
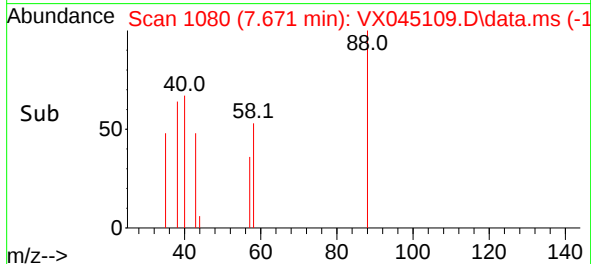
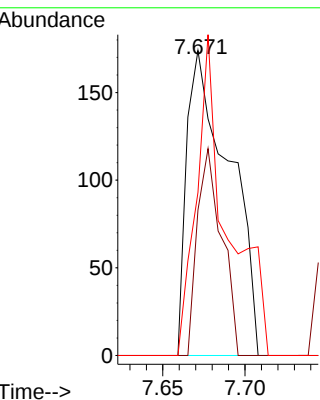
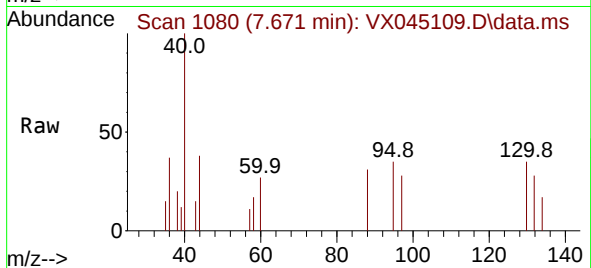
Tgt Ion: 88 Resp: 312

Ion Ratio Lower Upper

88 100

43 38.8 28.7 43.1

58 76.6 55.8 83.8



#50

Toluene-d8

Concen: 43.003 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VX045109.D

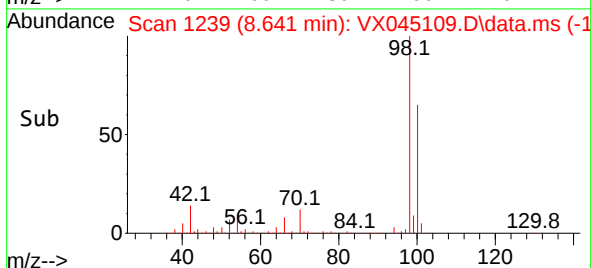
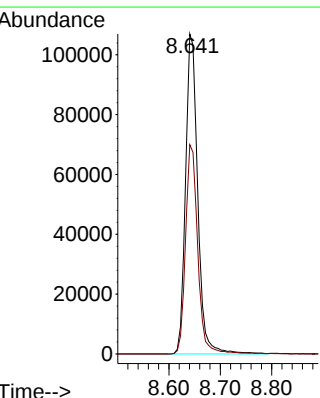
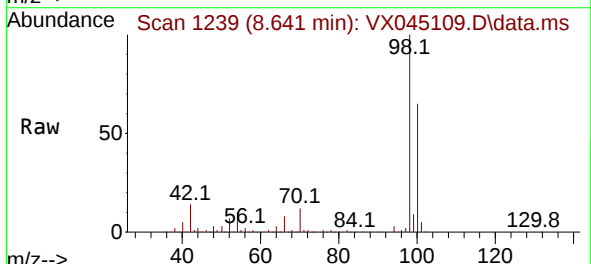
Acq: 03 Mar 2025 13:46

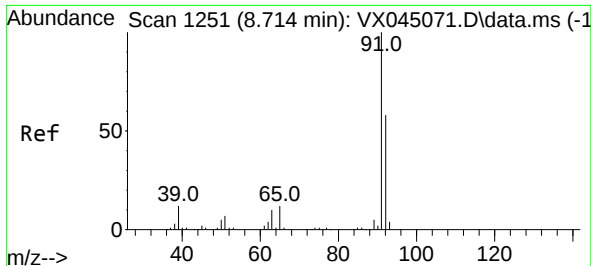
Tgt Ion: 98 Resp: 176471

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

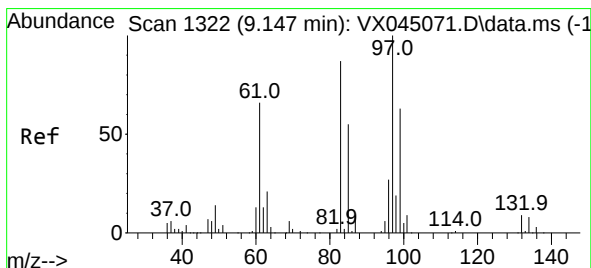
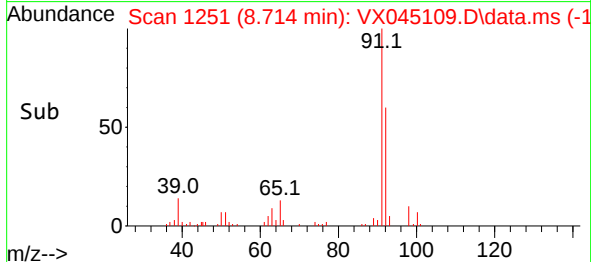
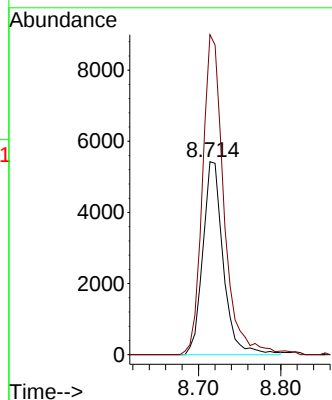
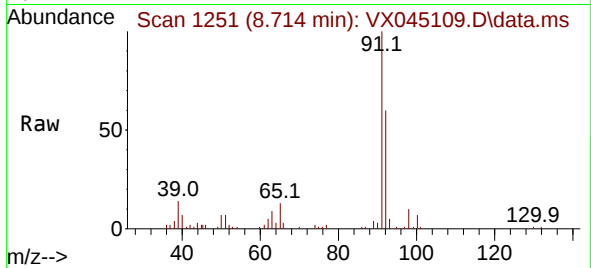




#52  
Toluene  
Concen: 3.254 ug/l  
RT: 8.714 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

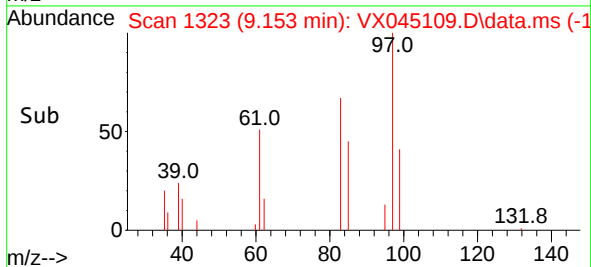
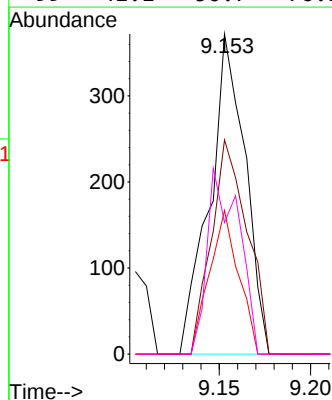
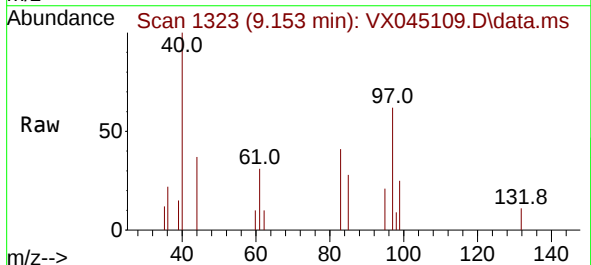
Instrument :  
MSVOA\_X  
ClientSampleId :

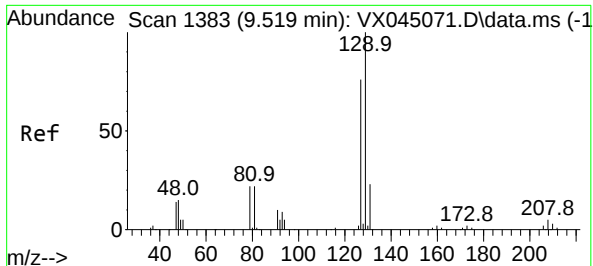
Tgt Ion: 92 Resp: 9358  
Ion Ratio Lower Upper  
92 100  
91 174.3 138.9 208.3



#55  
1,1,2-Trichloroethane  
Concen: 0.426 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.006 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion: 97 Resp: 504  
Ion Ratio Lower Upper  
97 100  
83 66.9 69.4 104.2#  
85 44.9 44.1 66.1  
99 41.1 50.7 76.1#

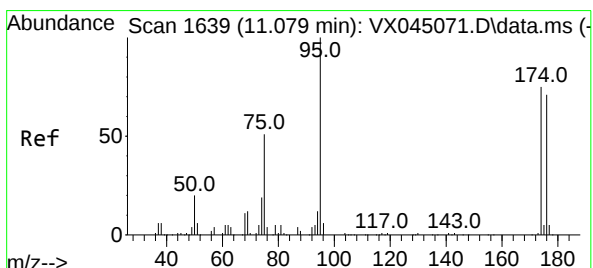
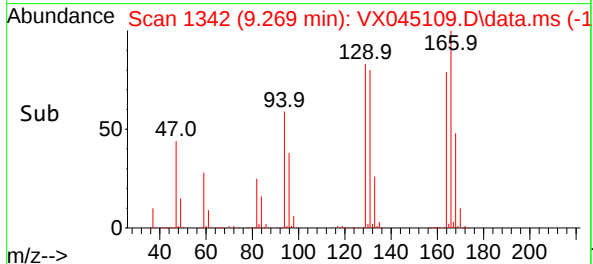
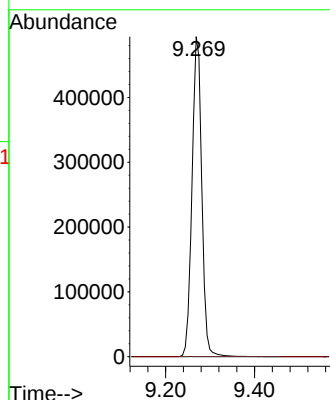
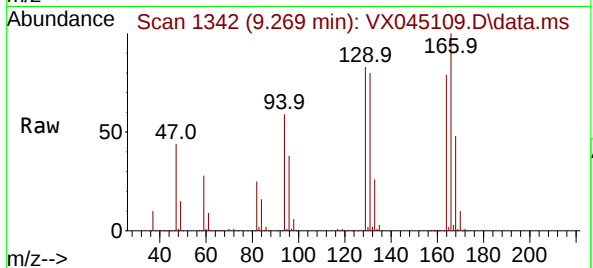




#60  
Dibromochloromethane  
Concen: 603.729 ug/l  
RT: 9.269 min Scan# 11  
Delta R.T. -0.250 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

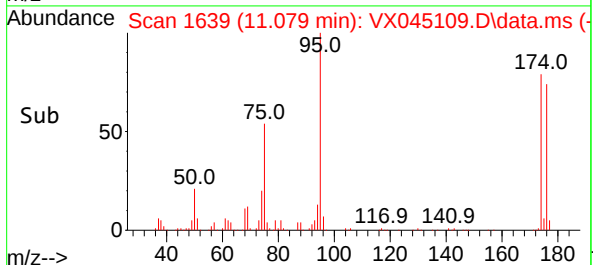
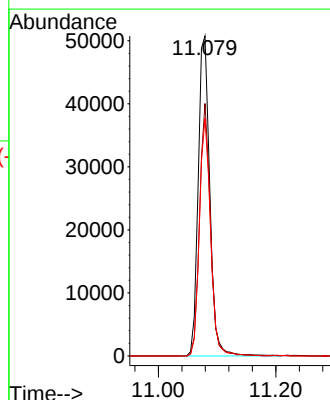
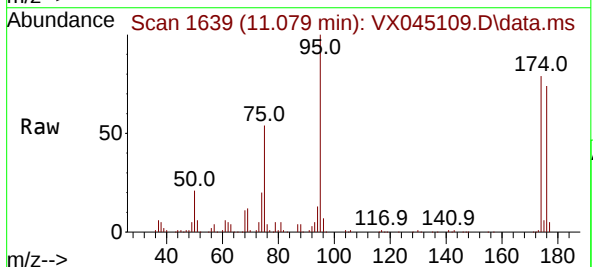
Instrument :  
MSVOA\_X  
ClientSampleId :

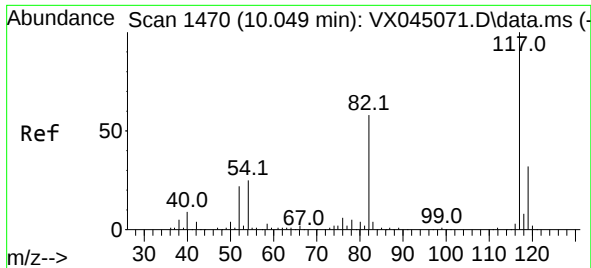
Tgt Ion:129 Resp: 747407  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.5 115.5#



#62  
4-Bromofluorobenzene  
Concen: 51.143 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion: 95 Resp: 69546  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 148.2  
176 71.6 0.0 141.4

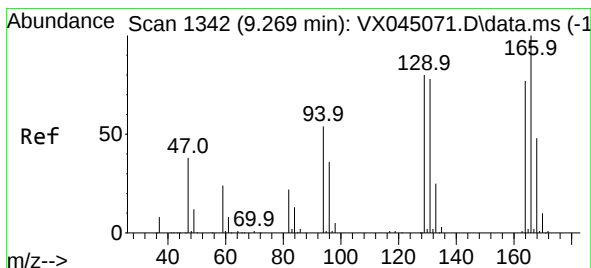
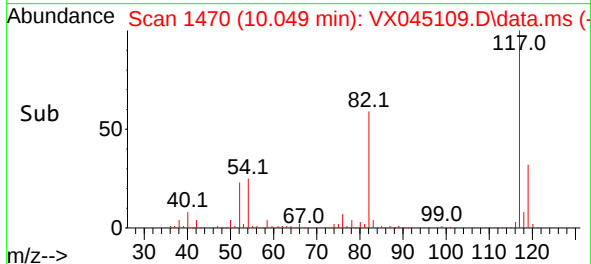
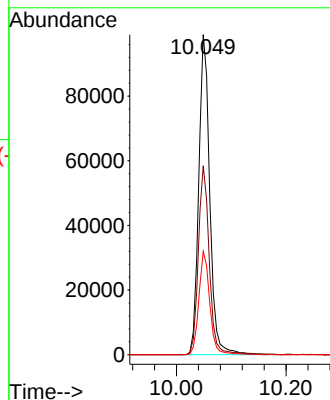
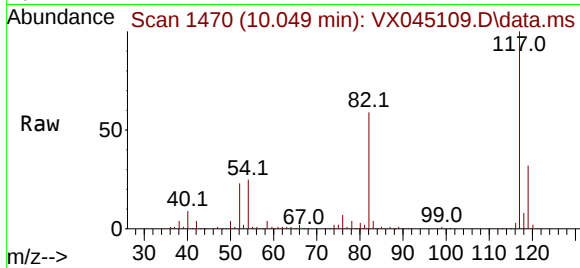




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

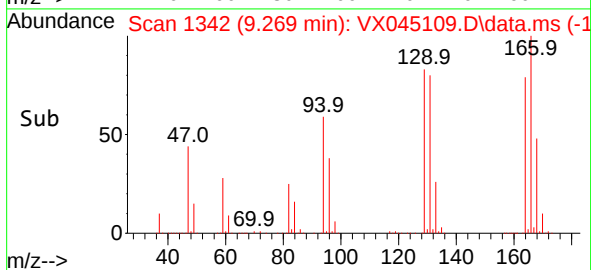
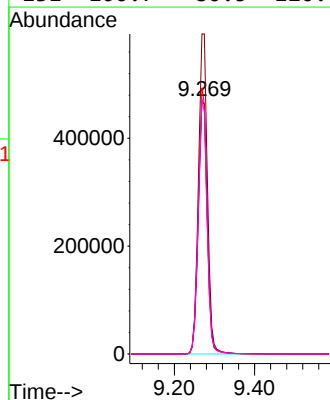
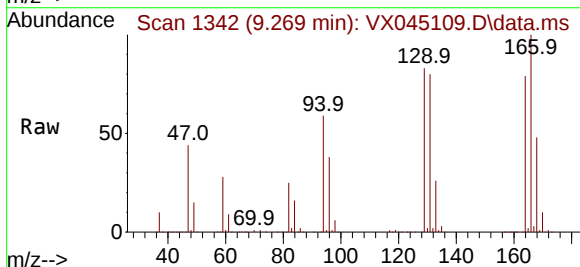
Instrument :  
MSVOA\_X  
ClientSampleId :

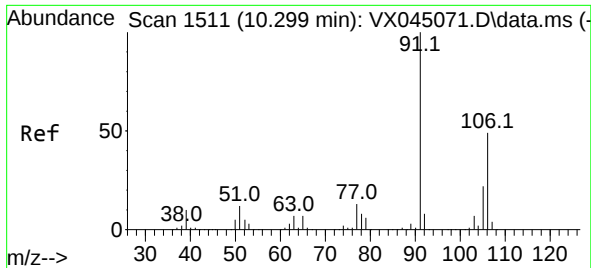
Tgt Ion:117 Resp: 138779  
Ion Ratio Lower Upper  
117 100  
82 59.0 46.3 69.5  
119 32.2 25.7 38.5



#64  
Tetrachloroethene  
Concen: 824.121 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. 0.000 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion:164 Resp: 732498  
Ion Ratio Lower Upper  
164 100  
166 126.5 103.6 155.4  
129 105.2 82.7 124.1  
131 100.7 80.5 120.7

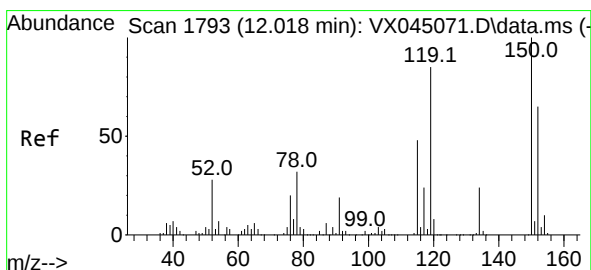
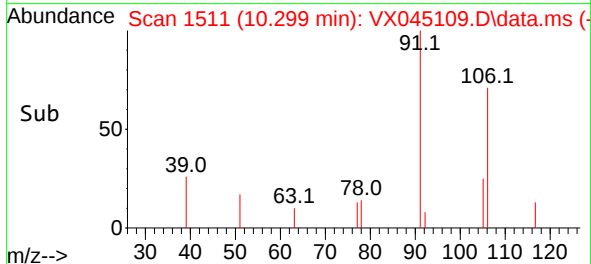
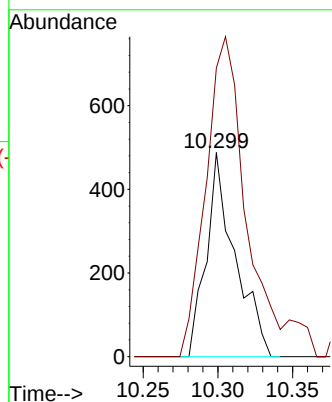
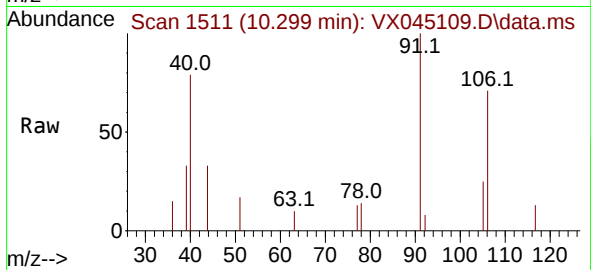




#68  
m/p-Xylenes  
Concen: 0.348 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

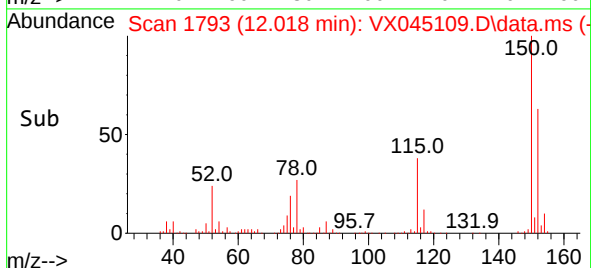
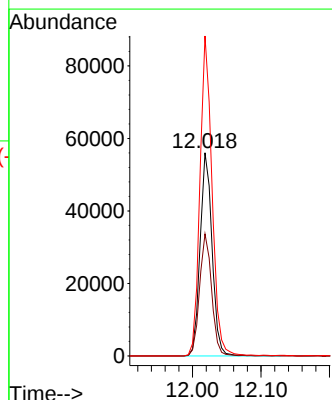
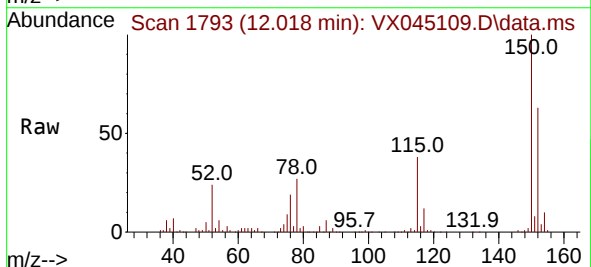
Instrument :  
MSVOA\_X  
ClientSampleId :

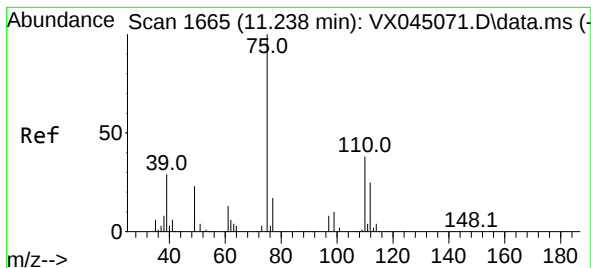
Tgt Ion:106 Resp: 651  
Ion Ratio Lower Upper  
106 100  
91 228.0 165.4 248.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX045109.D  
Acq: 03 Mar 2025 13:46

Tgt Ion:152 Resp: 68503  
Ion Ratio Lower Upper  
152 100  
115 60.3 44.2 132.6  
150 158.4 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 22.862 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX045109.D

Acq: 03 Mar 2025 13:46

Instrument :

MSVOA\_X

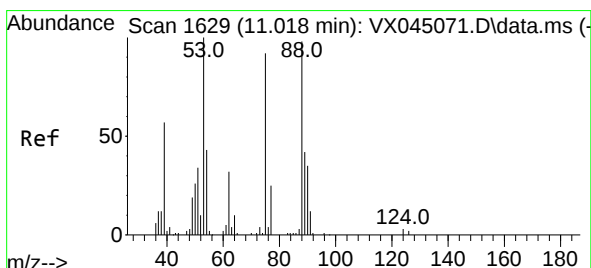
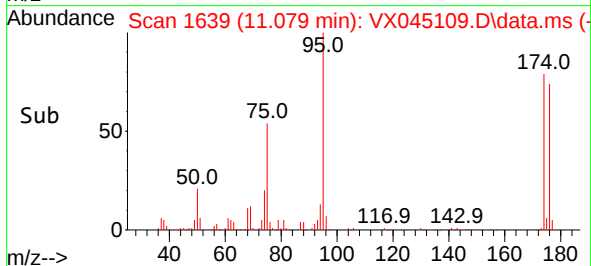
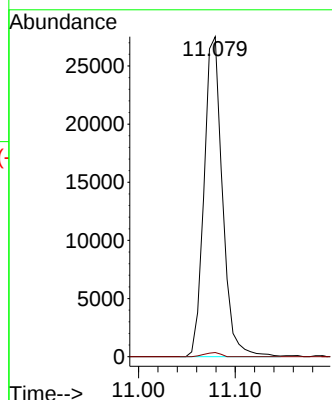
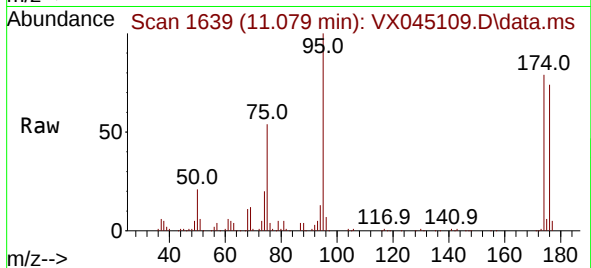
ClientSampleId :

Tgt Ion: 75 Resp: 36452

Ion Ratio Lower Upper

75 100

77 1.1 20.7 62.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.239 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045109.D

Acq: 03 Mar 2025 13:46

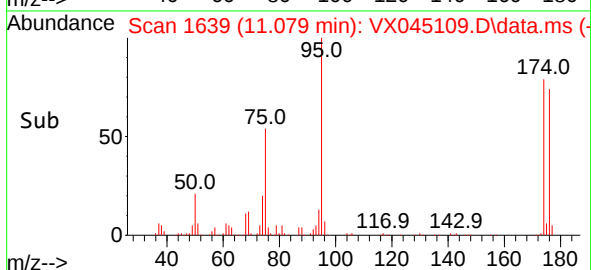
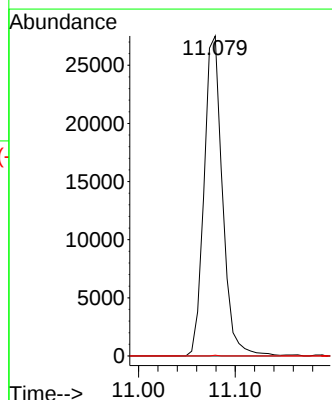
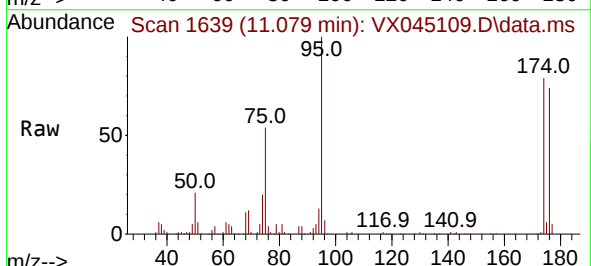
Tgt Ion: 75 Resp: 36452

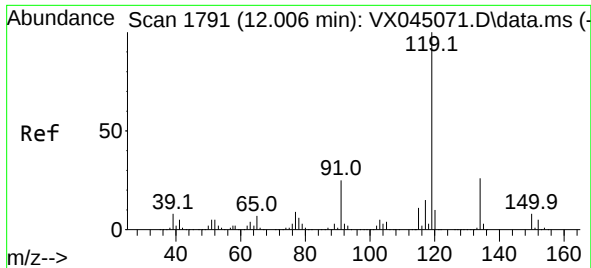
Ion Ratio Lower Upper

75 100

53 0.0 88.5 132.7#

89 0.1 36.2 54.4#

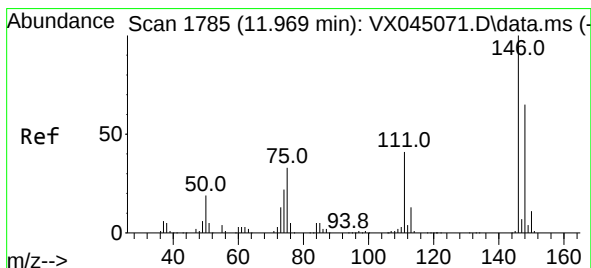
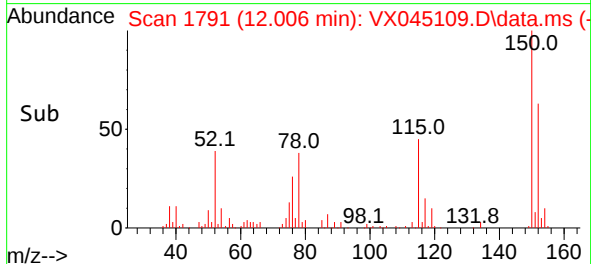
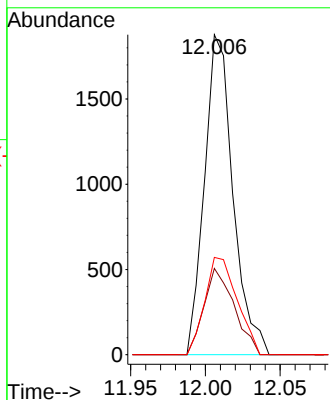
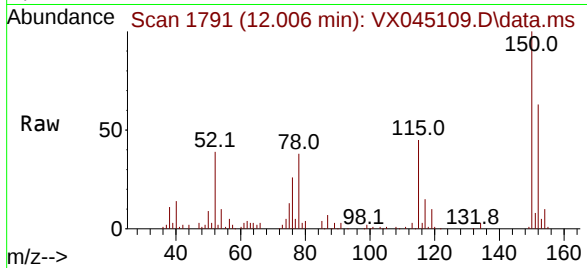




#86  
 p-Isopropyltoluene  
 Concen: 0.579 ug/l  
 RT: 12.006 min Scan# 1796  
 Delta R.T. -0.000 min  
 Lab File: VX045109.D  
 Acq: 03 Mar 2025 13:46

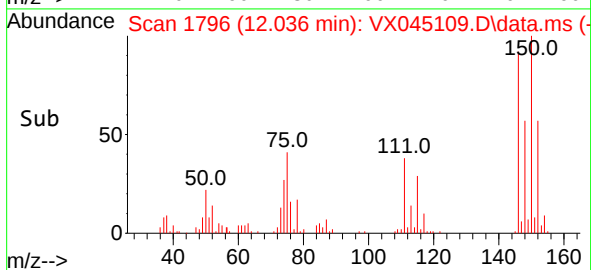
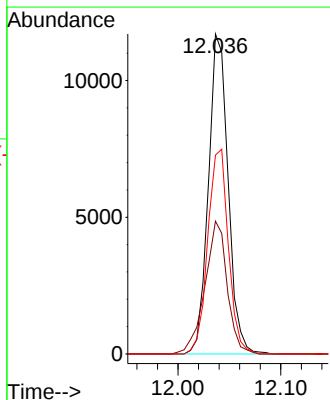
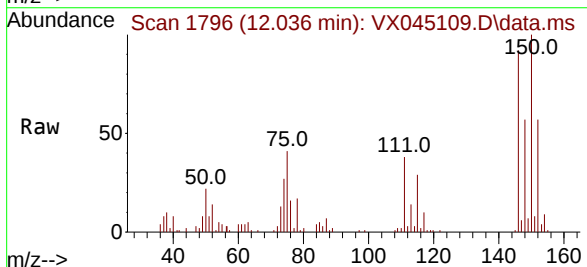
Instrument :  
 MSVOA\_X  
 ClientSampleId :

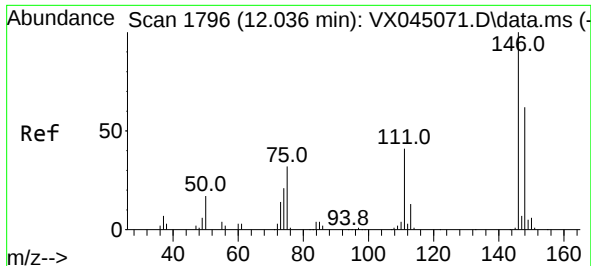
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 2490  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 28.6  | 12.9  | 38.6  |
| 91       | 34.5  | 12.7  | 38.0  |



#87  
 1,3-Dichlorobenzene  
 Concen: 6.918 ug/l  
 RT: 12.036 min Scan# 1796  
 Delta R.T. 0.067 min  
 Lab File: VX045109.D  
 Acq: 03 Mar 2025 13:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 15569 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 47.0  | 21.1  | 63.4  |
| 148      | 67.0  | 31.9  | 95.7  |





#88

1,4-Dichlorobenzene

Concen: 6.838 ug/l

RT: 12.036 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045109.D

Acq: 03 Mar 2025 13:46

Instrument :

MSVOA\_X

ClientSampleId :

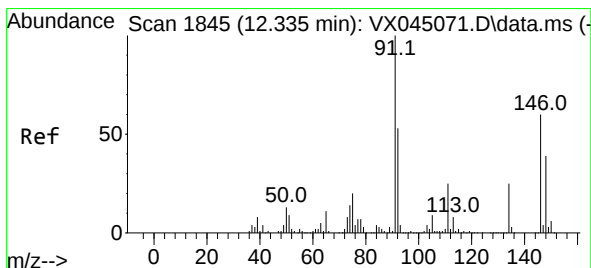
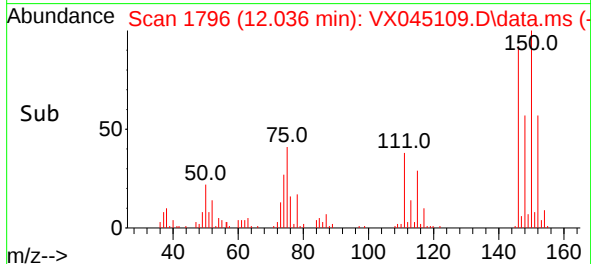
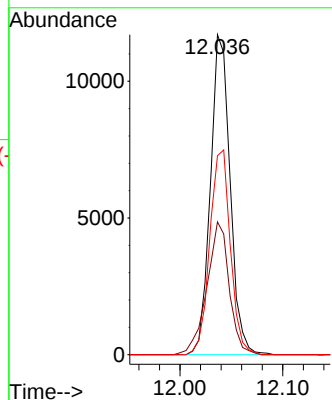
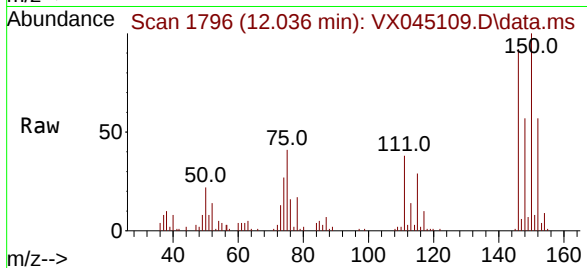
Tgt Ion:146 Resp: 15569

Ion Ratio Lower Upper

146 100

111 47.0 20.2 60.5

148 67.0 31.9 95.9



#91

1,2-Dichlorobenzene

Concen: 0.204 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX045109.D

Acq: 03 Mar 2025 13:46

Tgt Ion:146 Resp: 460

Ion Ratio Lower Upper

146 100

111 42.8 21.6 65.0

148 66.7 31.9 95.9

