

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102624\  
 Data File : VX043547.D  
 Acq On : 26 Oct 2024 04:02  
 Operator : JC/MD  
 Sample : P4472-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 26 06:00:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102624W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 26 04:43:47 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 136588   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 254232   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 216132   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 93342    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 105726   | 48.796   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 97.600% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 76894    | 45.423   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 90.840% |
| 50) Toluene-d8              | 8.647  | 98    | 282707   | 48.163   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 96.320% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 100054   | 46.668   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 93.340% |

|                               |        |     |        |        |        |        |
|-------------------------------|--------|-----|--------|--------|--------|--------|
| Target Compounds              |        |     |        |        |        | Qvalue |
| 5) Bromomethane               | 1.593  | 94  | 297    | 0.430  | ug/l # | 79     |
| 6) Chloroethane               | 1.660  | 64  | 171    | 0.295  | ug/l # | 59     |
| 11) Tert butyl alcohol        | 2.946  | 59  | 3812   | 8.237  | ug/l # | 100    |
| 13) Acrolein                  | 2.239  | 56  | 167    | 0.458  | ug/l # | 78     |
| 16) Acetone                   | 2.392  | 43  | 27972  | 30.245 | ug/l   | 91     |
| 17) Carbon Disulfide          | 2.495  | 76  | 798    | 0.268  | ug/l # | 75     |
| 18) Methyl Acetate            | 2.709  | 43  | 2574   | 0.926  | ug/l # | 89     |
| 20) Methylene Chloride        | 2.782  | 84  | 3555   | 1.967  | ug/l   | 99     |
| 25) 2-Butanone                | 4.599  | 43  | 2615   | 1.862  | ug/l # | 83     |
| 29) Tetrahydrofuran           | 5.038  | 42  | 607    | 0.662  | ug/l # | 74     |
| 31) Cyclohexane               | 5.544  | 56  | 3074   | 1.301  | ug/l # | 20     |
| 36) 1,1-Dichloropropene       | 5.537  | 75  | 11180  | 5.580  | ug/l # | 51     |
| 37) Ethyl Acetate             | 4.751  | 43  | 1837   | 0.672  | ug/l # | 76     |
| 38) Carbon Tetrachloride      | 5.544  | 117 | 14593  | 6.410  | ug/l # | 16     |
| 40) Benzene                   | 6.050  | 78  | 1370   | 0.205  | ug/l # | 90     |
| 41) Methacrylonitrile         | 5.050  | 41  | 637    | 0.463  | ug/l # | 31     |
| 43) Isopropyl Acetate         | 6.348  | 43  | 109499 | 25.315 | ug/l   | 99     |
| 48) Methyl methacrylate       | 7.799  | 41  | 93699  | 46.399 | ug/l # | 41     |
| 49) 1,4-Dioxane               | 7.799  | 88  | 178    | 3.431  | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone      | 8.549  | 43  | 83617  | 30.509 | ug/l # | 49     |
| 54) cis-1,3-Dichloropropene   | 8.549  | 75  | 39373  | 15.895 | ug/l # | 59     |
| 57) 1,3-Dichloropropane       | 9.488  | 76  | 4493   | 1.562  | ug/l # | 42     |
| 59) 2-Hexanone                | 9.482  | 43  | 63999  | 30.882 | ug/l # | 52     |
| 64) Tetrachloroethene         | 9.275  | 164 | 272    | 0.201  | ug/l # | 76     |
| 71) Bromoform                 | 10.799 | 173 | 33     | 3.770  | ug/l # | 30     |
| 74) N-amyl acetate            | 10.640 | 43  | 19259  | 5.731  | ug/l # | 53     |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75  | 51505  | 23.736 | ug/l # | 33     |
| 78) n-propylbenzene           | 11.305 | 91  | 2032   | 0.286  | ug/l   | 99     |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75  | 51505  | 63.677 | ug/l # | 7      |
| 85) sec-Butylbenzene          | 11.890 | 105 | 1632   | 0.249  | ug/l   | 92     |
| 87) 1,3-Dichlorobenzene       | 11.975 | 146 | 725    | 0.237  | ug/l   | 82     |
| 88) 1,4-Dichlorobenzene       | 11.975 | 146 | 725    | 0.235  | ug/l   | 82     |
| 89) n-Butylbenzene            | 12.335 | 91  | 1167   | 0.266  | ug/l   | 93     |
| 90) Hexachloroethane          | 12.609 | 117 | 309    | 0.352  | ug/l # | 17     |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180 | 557    | 0.302  | ug/l # | 65     |
| 95) Naphthalene               | 13.780 | 128 | 3164   | 0.418  | ug/l # | 93     |

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Sample : P4472-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Oct 26 06:00:49 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102624W.M  
Quant Title : SW846 8260  
QLast Update : Sat Oct 26 04:43:47 2024  
Response via : Initial Calibration

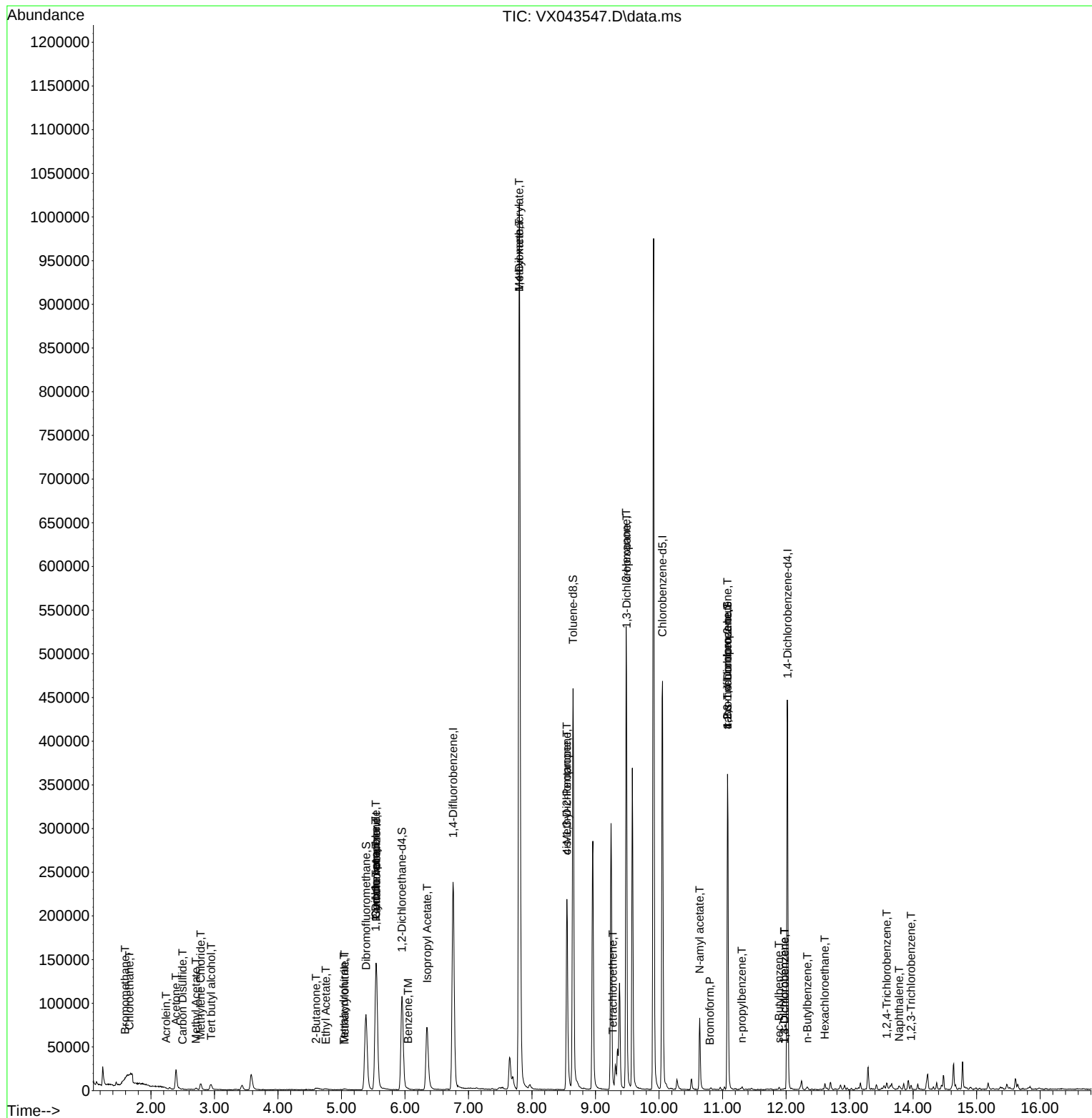
| Compound                   | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|--------|------|----------|-------|--------|----------|
| 96) 1,2,3-Trichlorobenzene | 13.969 | 180  | 447      | 0.232 | ug/l # | 59       |

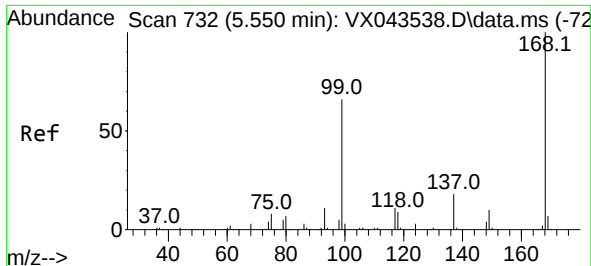
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102624\  
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MSVOA\_X  
ClientSampleId :

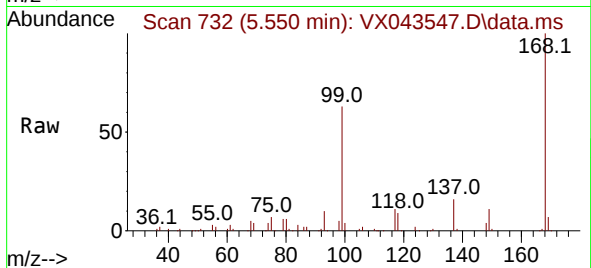
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102624W.M  
Quant Title : SW846 8260  
QLast Update : Sat Oct 26 04:43:47 2024  
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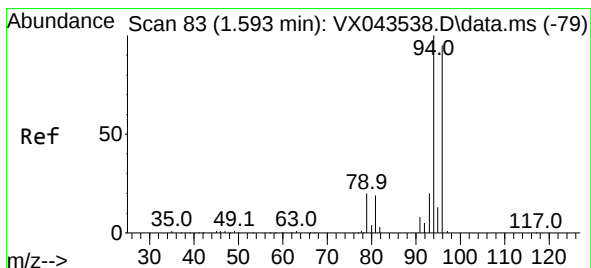
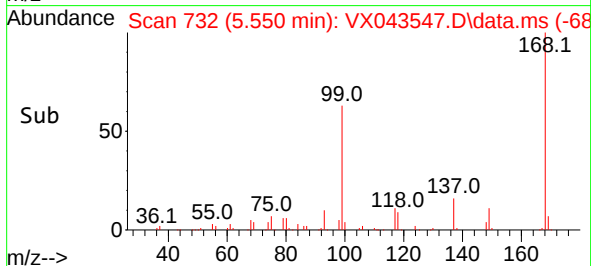
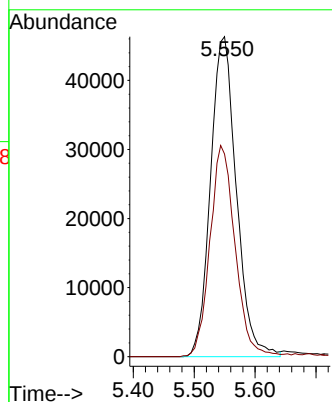


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

Instrument :  
MSVOA\_X  
ClientSampleId :

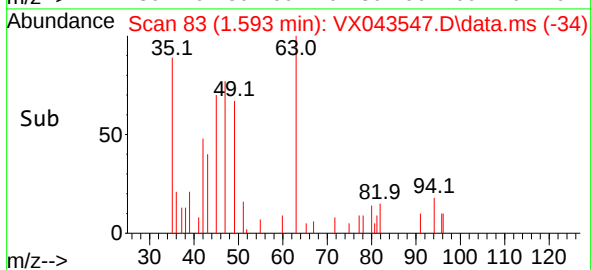
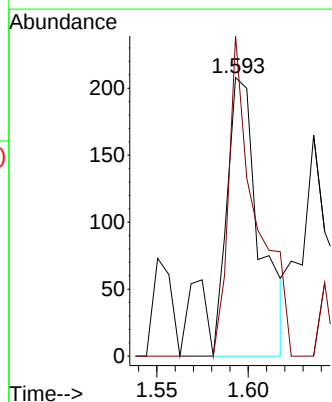
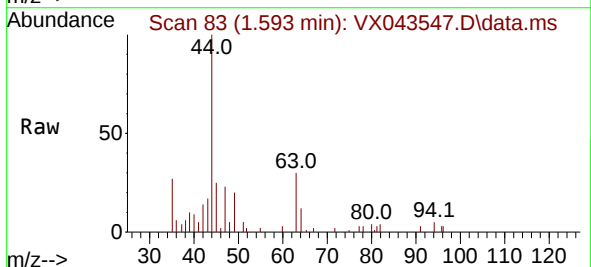


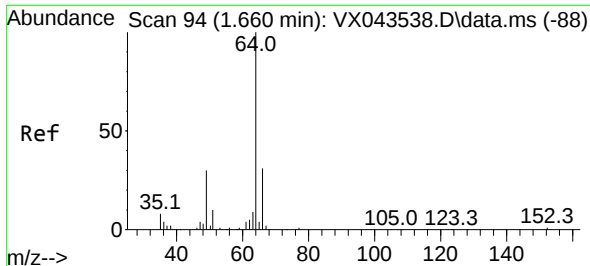
Tgt Ion:168 Resp: 136588  
Ion Ratio Lower Upper  
168 100  
99 63.4 52.6 78.8



#5  
Bromomethane  
Concen: 0.430 ug/l  
RT: 1.593 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

Tgt Ion: 94 Resp: 297  
Ion Ratio Lower Upper  
94 100  
96 114.9 75.9 113.9#

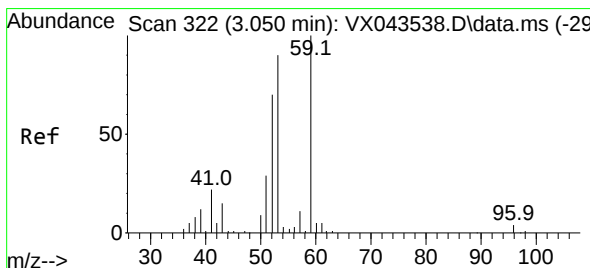
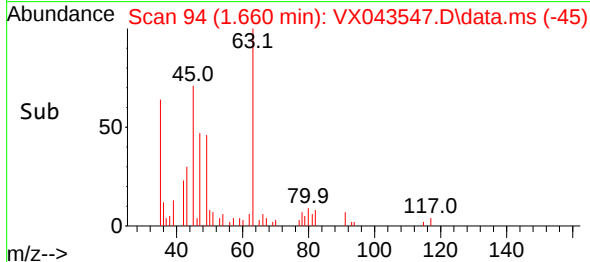
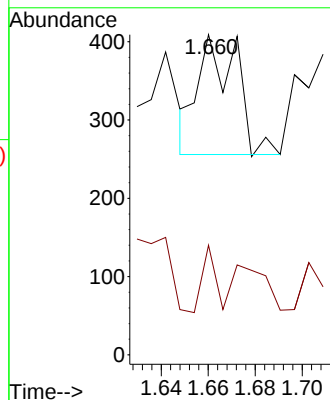
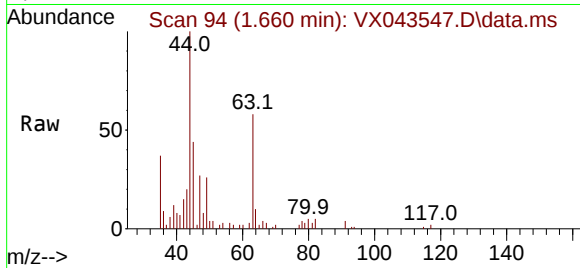




#6  
Chloroethane  
Concen: 0.295 ug/l  
RT: 1.660 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

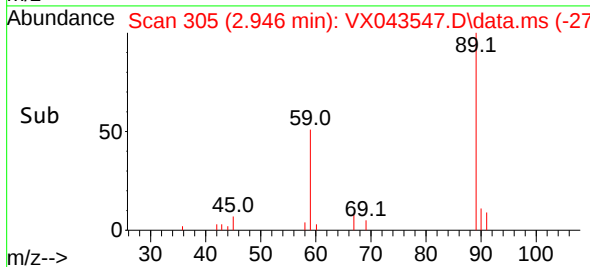
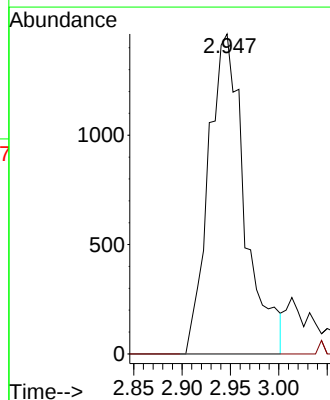
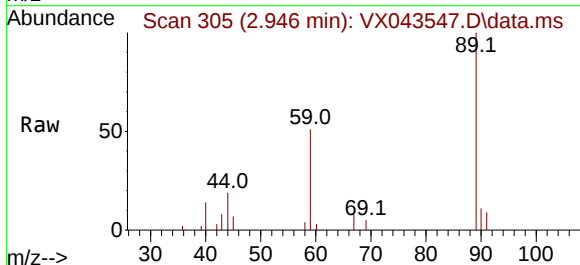
Instrument :  
MSVOA\_X  
ClientSampleId :

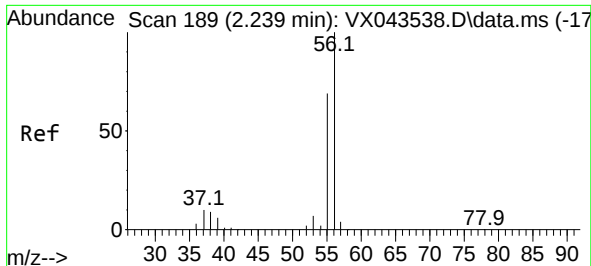
Tgt Ion: 64 Resp: 171  
Ion Ratio Lower Upper  
64 100  
66 54.2 25.1 37.7#



#11  
Tert butyl alcohol  
Concen: 8.237 ug/l  
RT: 2.946 min Scan# 305  
Delta R.T. -0.104 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

Tgt Ion: 59 Resp: 3812  
Ion Ratio Lower Upper  
59 100  
57 0.0 0.0 0.0

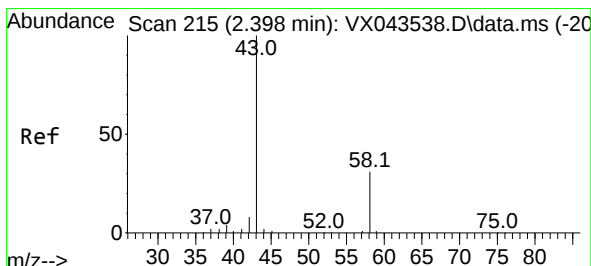
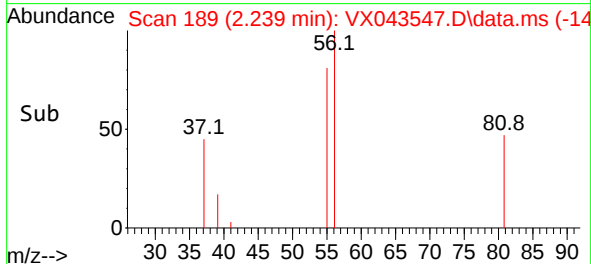
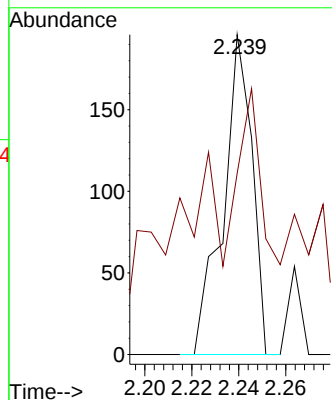
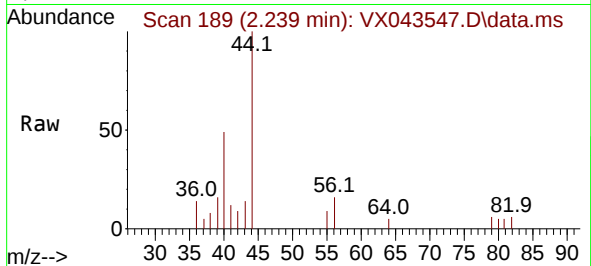




#13  
Acrolein  
Concen: 0.458 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

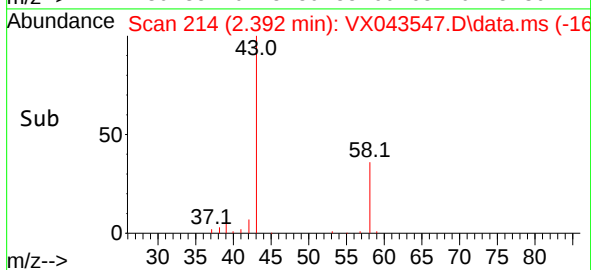
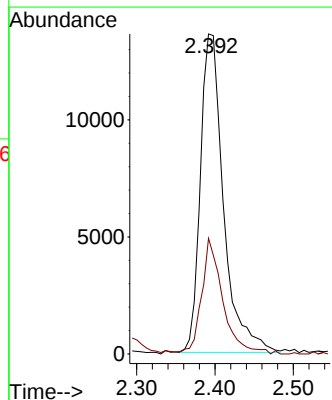
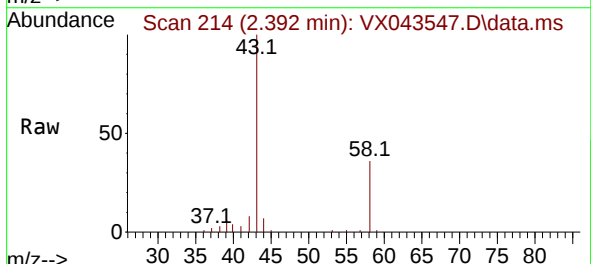
Instrument :  
MSVOA\_X  
ClientSampleId :

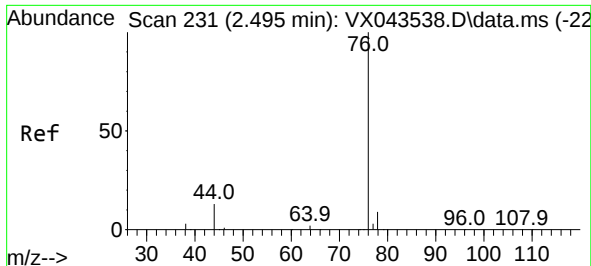
Tgt Ion: 56 Resp: 167  
Ion Ratio Lower Upper  
56 100  
55 87.4 55.3 82.9#



#16  
Acetone  
Concen: 30.245 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

Tgt Ion: 43 Resp: 27972  
Ion Ratio Lower Upper  
43 100  
58 36.3 25.1 37.7





#17

Carbon Disulfide

Concen: 0.268 ug/l

RT: 2.495 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA\_X

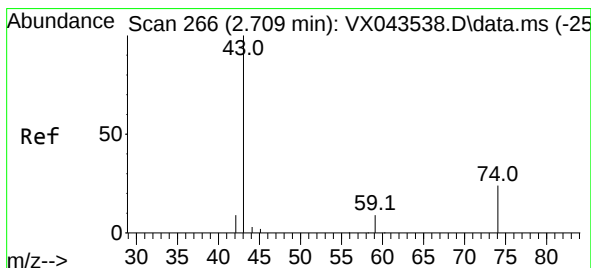
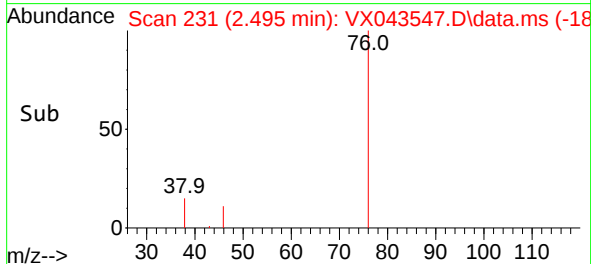
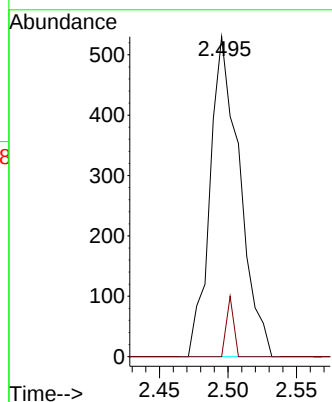
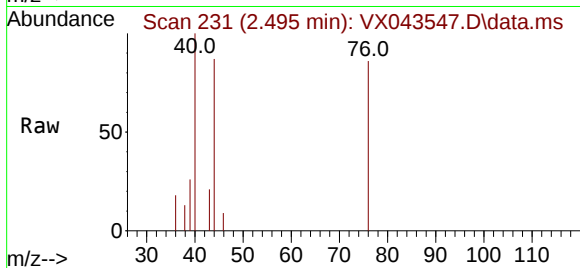
ClientSampleId :

Tgt Ion: 76 Resp: 798

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



#18

Methyl Acetate

Concen: 0.926 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX043547.D

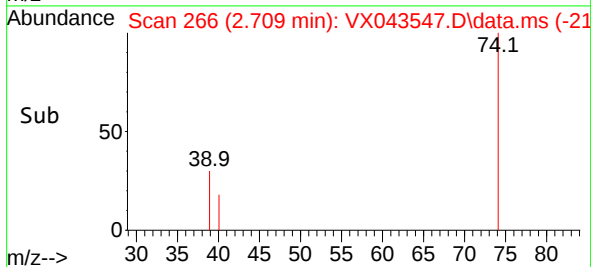
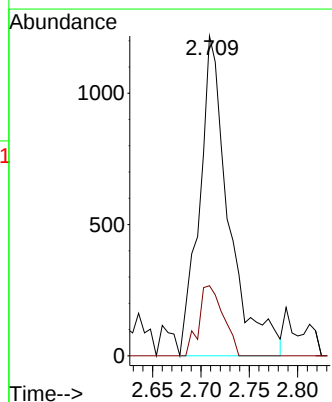
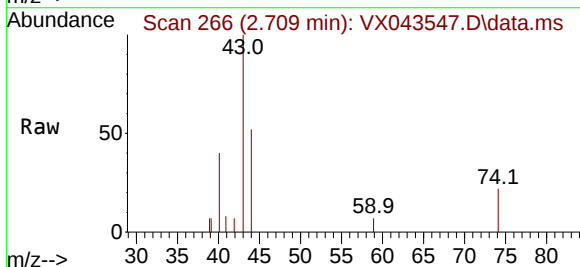
Acq: 26 Oct 2024 04:02

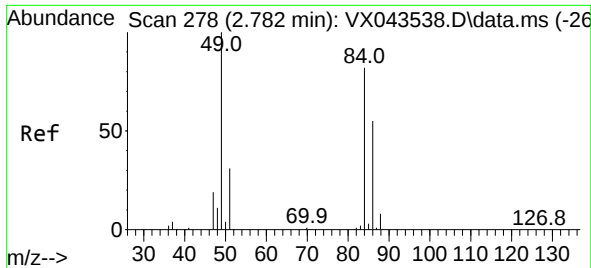
Tgt Ion: 43 Resp: 2574

Ion Ratio Lower Upper

43 100

74 18.3 19.1 28.7#

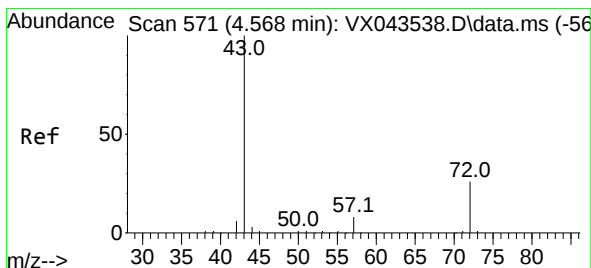
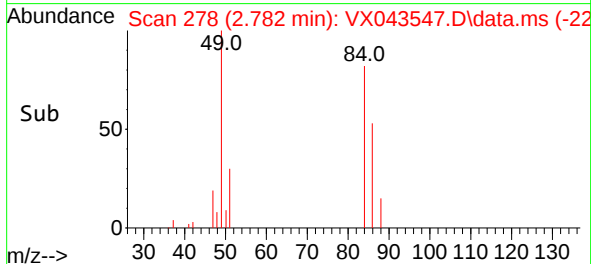
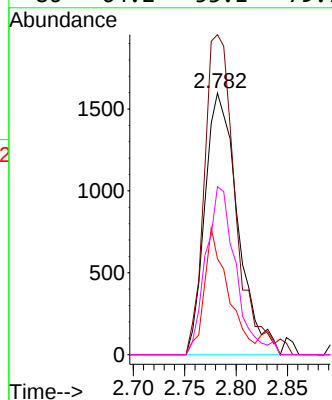
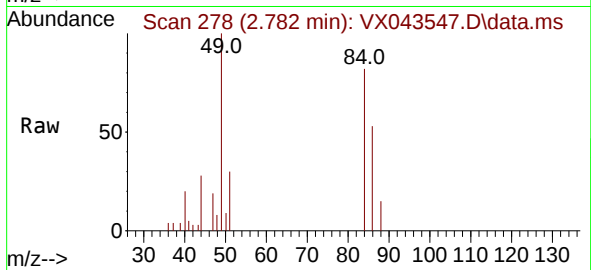




#20  
Methylene Chloride  
Concen: 1.967 ug/l  
RT: 2.782 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

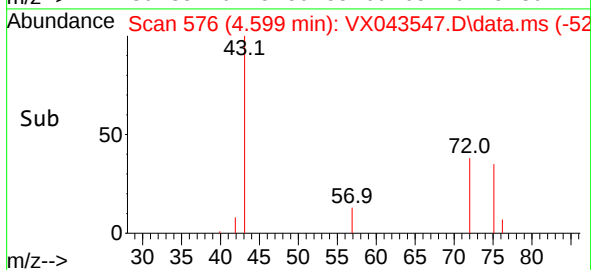
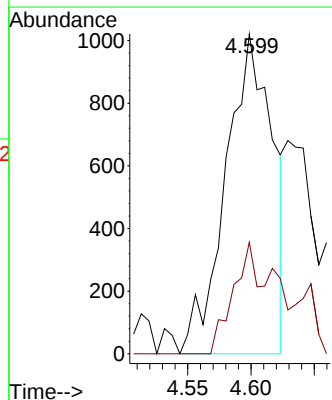
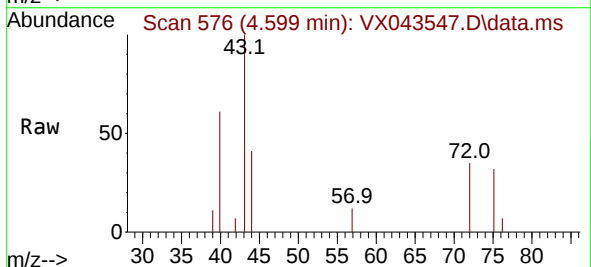
Instrument :  
MSVOA\_X  
ClientSampleId :

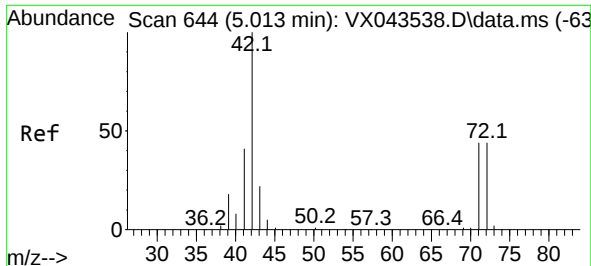
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 3555  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 122.4    | 97.0 145.6  |
| 51 36.7     | 29.8 44.8   |
| 86 64.2     | 53.1 79.7   |



#25  
2-Butanone  
Concen: 1.862 ug/l  
RT: 4.599 min Scan# 576  
Delta R.T. 0.031 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

|             |            |       |  |
|-------------|------------|-------|--|
| Tgt Ion: 43 | Resp: 2615 |       |  |
| Ion Ratio   | Lower      | Upper |  |
| 43 100      |            |       |  |
| 72 34.9     | 21.1       | 31.7# |  |





#29

Tetrahydrofuran

Concen: 0.662 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.024 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

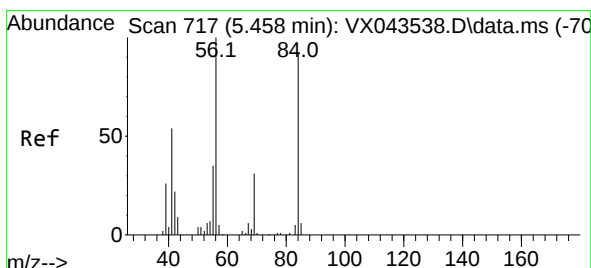
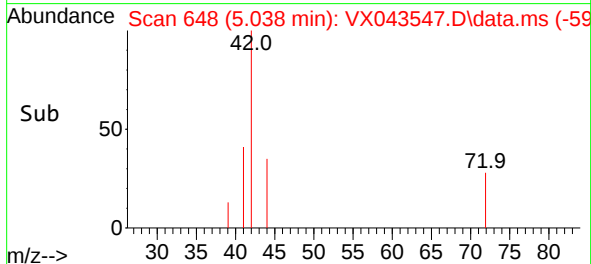
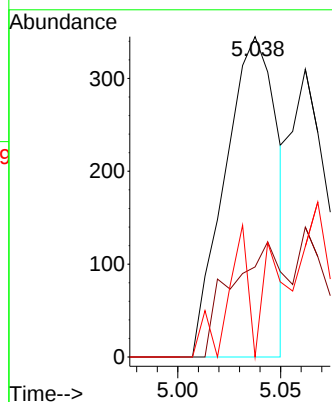
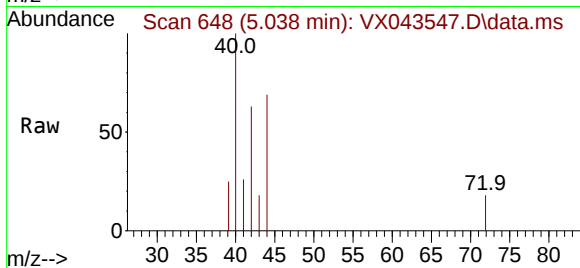
Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 42 Resp: 607

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 38.4  | 36.6  | 55.0  |
| 71  | 16.1  | 34.2  | 51.4# |



#31

Cyclohexane

Concen: 1.301 ug/l

RT: 5.544 min Scan# 731

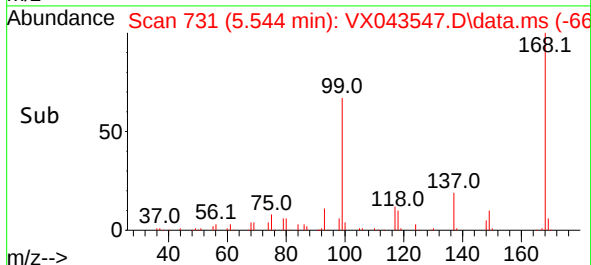
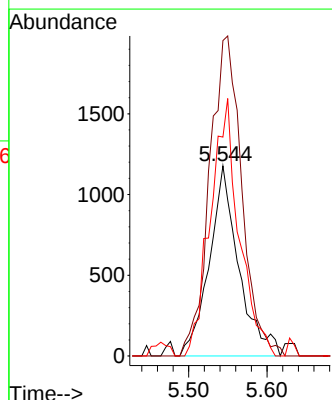
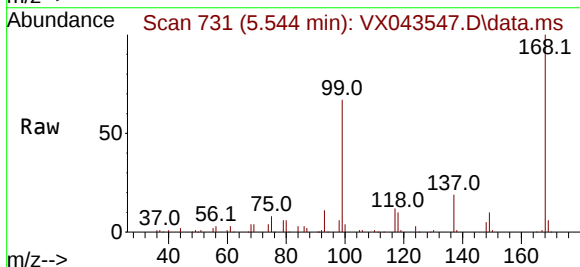
Delta R.T. 0.085 min

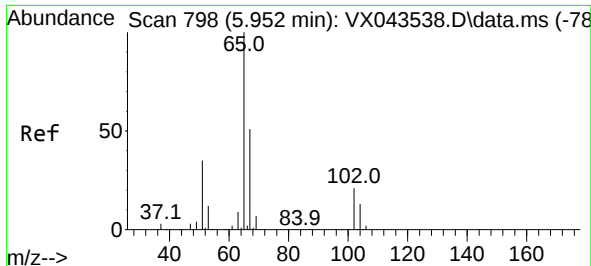
Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

Tgt Ion: 56 Resp: 3074

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 56  | 100   |       |        |
| 69  | 165.8 | 24.9  | 37.3#  |
| 84  | 115.1 | 73.3  | 109.9# |





#33

1,2-Dichloroethane-d4

Concen: 48.796 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA\_X

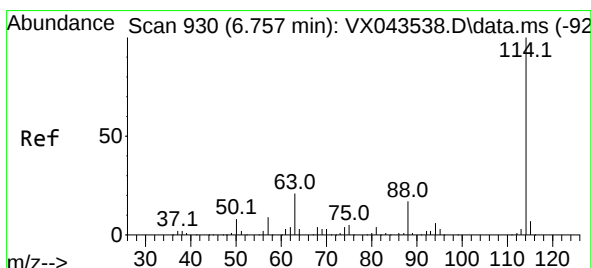
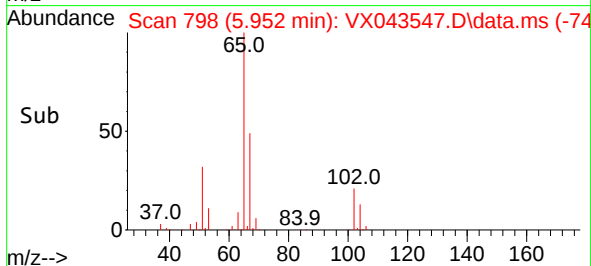
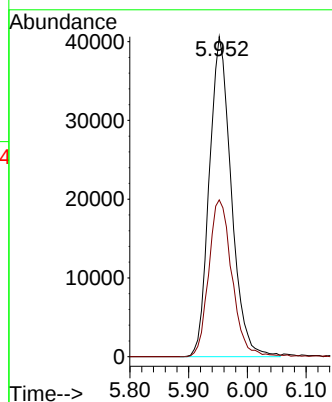
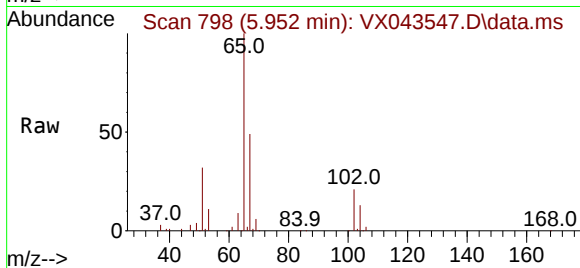
ClientSampleId :

Tgt Ion: 65 Resp: 105726

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

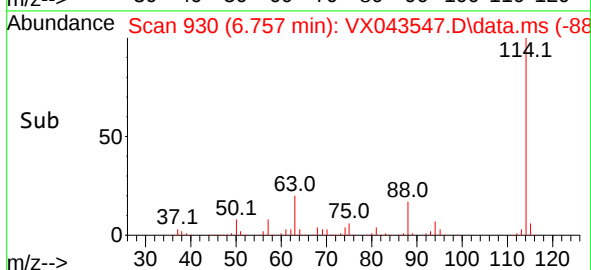
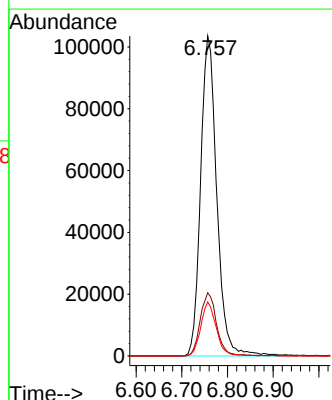
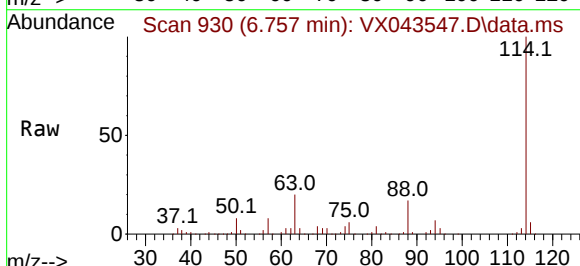
Tgt Ion: 114 Resp: 254232

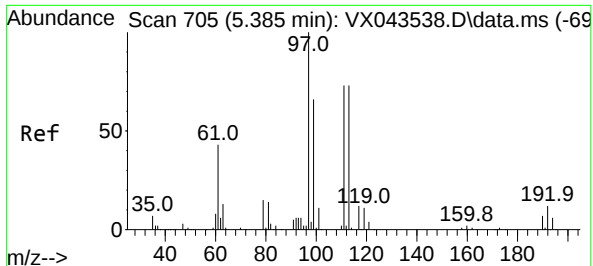
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.2

88 16.9 0.0 34.0

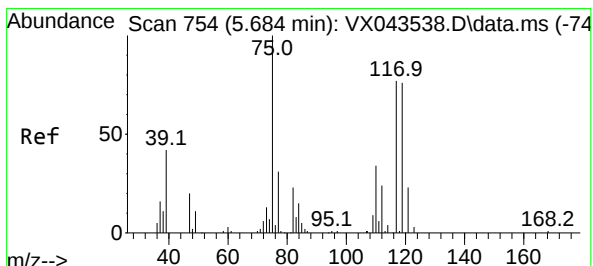
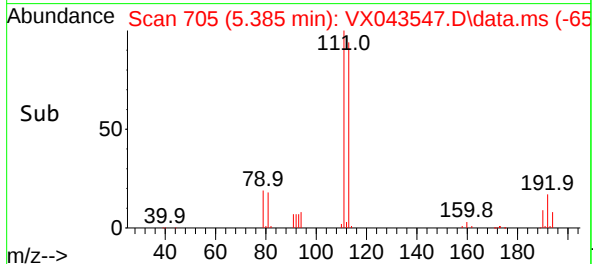
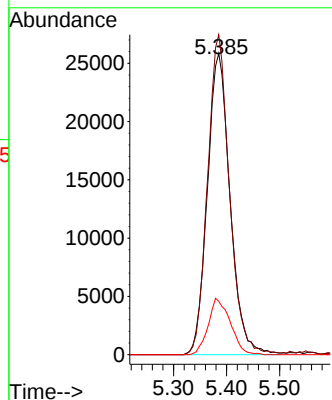
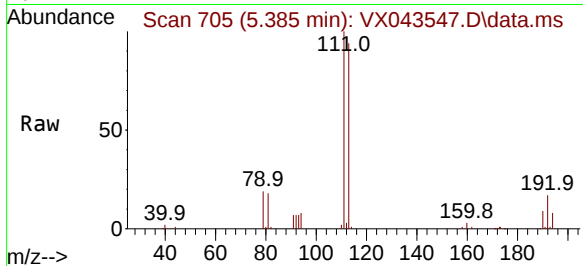




#35  
Dibromofluoromethane  
Concen: 45.423 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

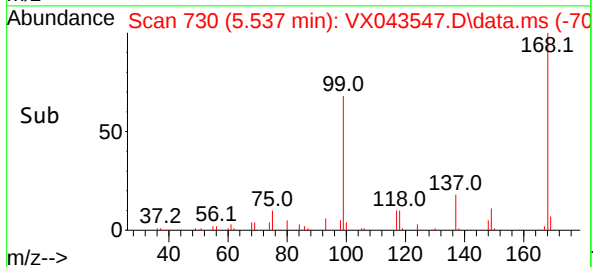
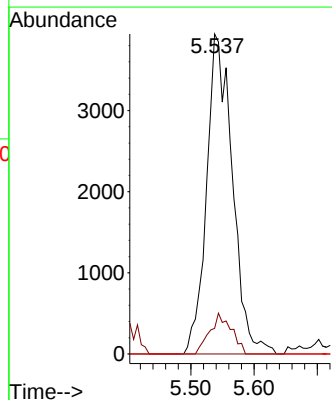
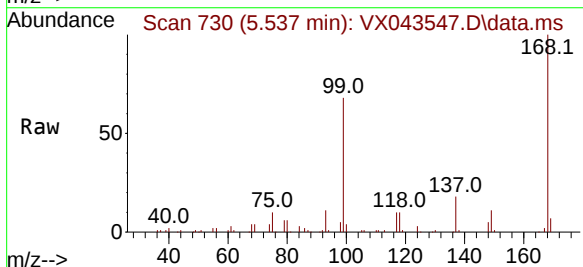
Instrument :  
MSVOA\_X  
ClientSampleId :

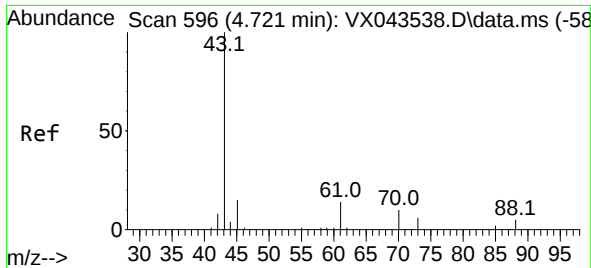
Tgt Ion:113 Resp: 76894  
Ion Ratio Lower Upper  
113 100  
111 102.6 81.4 122.0  
192 18.2 14.1 21.1



#36  
1,1-Dichloropropene  
Concen: 5.580 ug/l  
RT: 5.537 min Scan# 730  
Delta R.T. -0.146 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

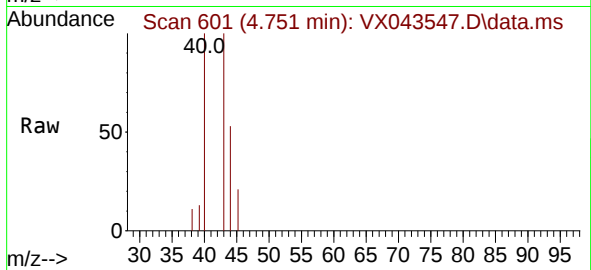
Tgt Ion: 75 Resp: 11180  
Ion Ratio Lower Upper  
75 100  
110 10.6 17.9 53.7#  
77 0.0 25.0 37.4#



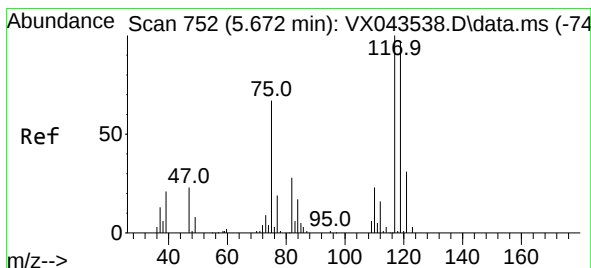
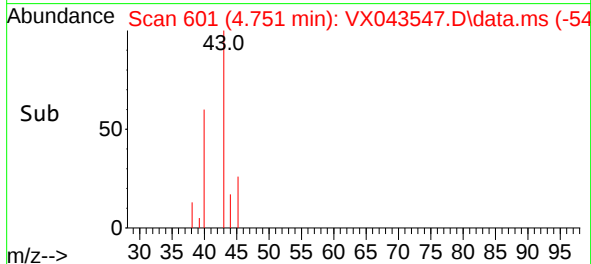
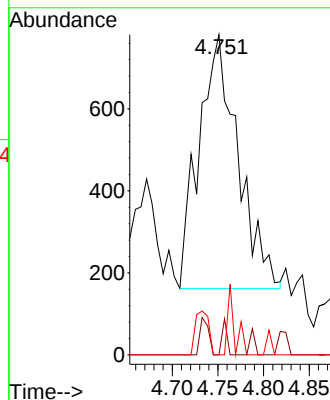


#37  
Ethyl Acetate  
Concen: 0.672 ug/l  
RT: 4.751 min Scan# 601  
Delta R.T. 0.031 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

Instrument :  
MSVOA\_X  
ClientSampleId :

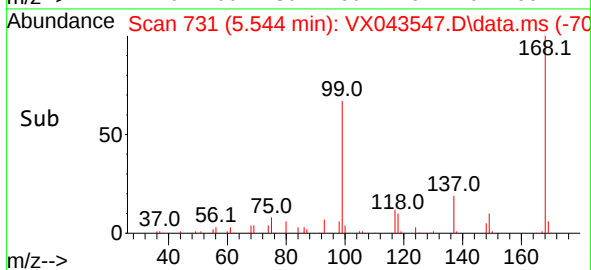
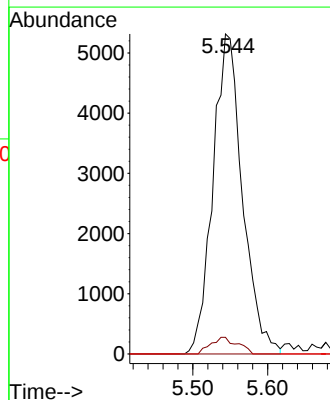
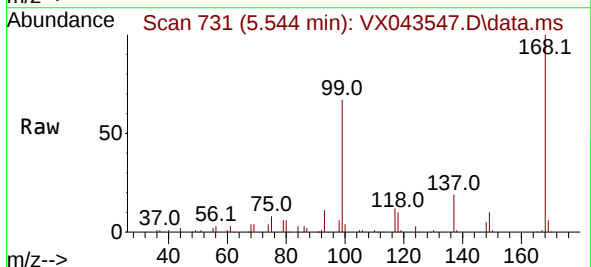


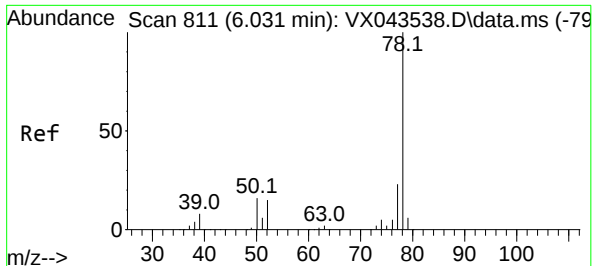
Tgt Ion: 43 Resp: 1837  
Ion Ratio Lower Upper  
43 100  
61 1.7 11.0 16.6#  
70 5.1 8.9 13.3#



#38  
Carbon Tetrachloride  
Concen: 6.410 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.128 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

Tgt Ion: 117 Resp: 14593  
Ion Ratio Lower Upper  
117 100  
119 5.2 77.0 115.6#  
121 0.0 24.7 37.1#





#40

Benzene

Concen: 0.205 ug/l

RT: 6.050 min Scan# 811

Delta R.T. 0.018 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA\_X

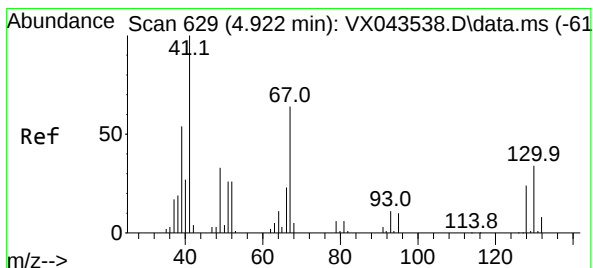
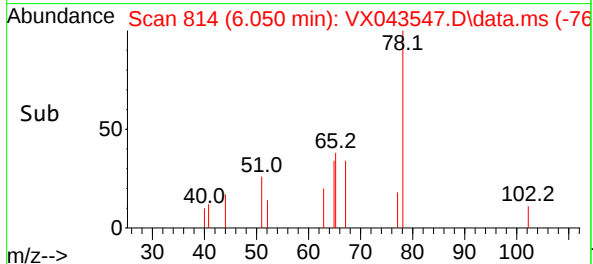
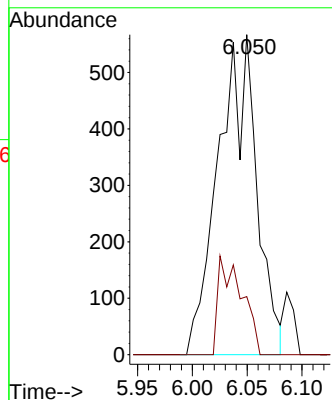
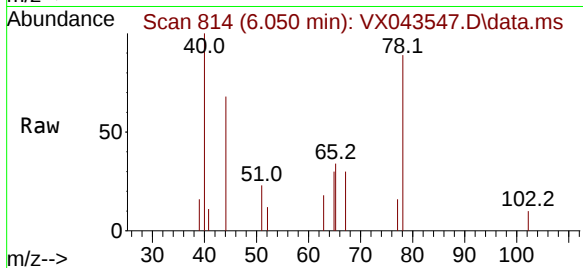
ClientSampleId :

Tgt Ion: 78 Resp: 1370

Ion Ratio Lower Upper

78 100

77 18.2 18.4 27.6#



#41

Methacrylonitrile

Concen: 0.463 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.128 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

Tgt Ion: 41 Resp: 637

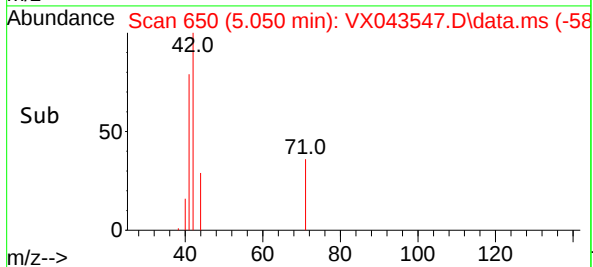
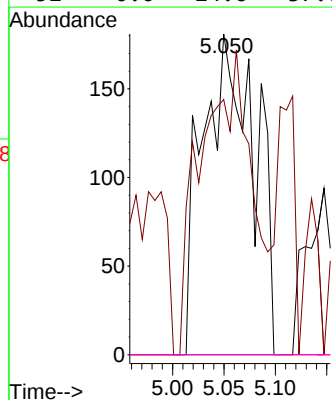
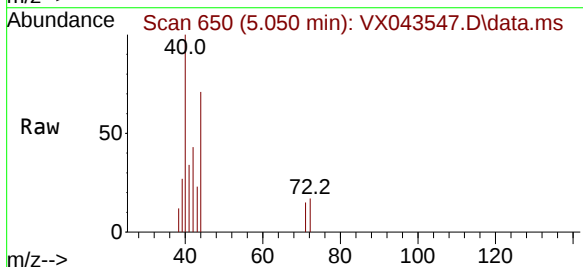
Ion Ratio Lower Upper

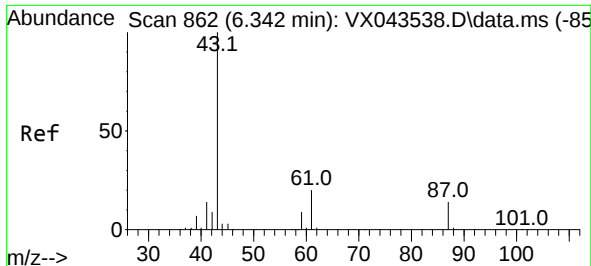
41 100

39 91.4 43.5 65.3#

67 0.0 58.3 87.5#

52 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 25.315 ug/l

RT: 6.348 min Scan# 8

Delta R.T. 0.006 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA\_X

ClientSampleId :

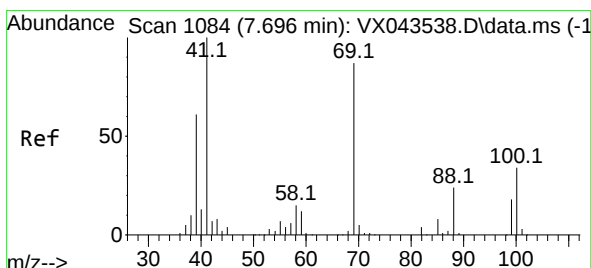
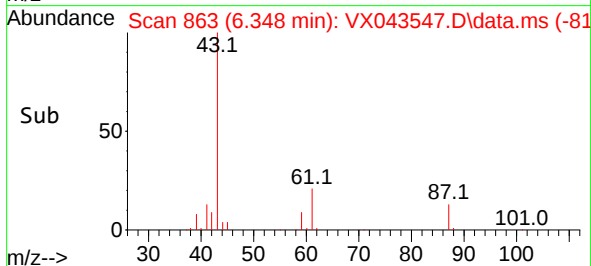
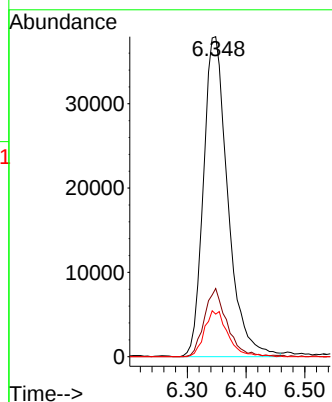
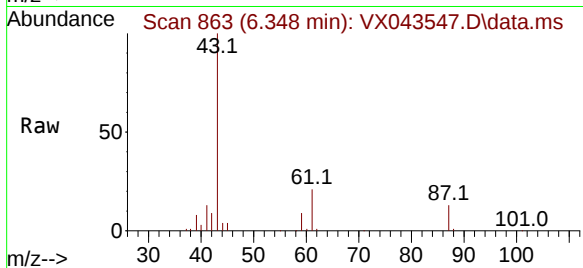
Tgt Ion: 43 Resp: 109499

Ion Ratio Lower Upper

43 100

61 19.8 16.2 24.4

87 13.8 11.0 16.6



#48

Methyl methacrylate

Concen: 46.399 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

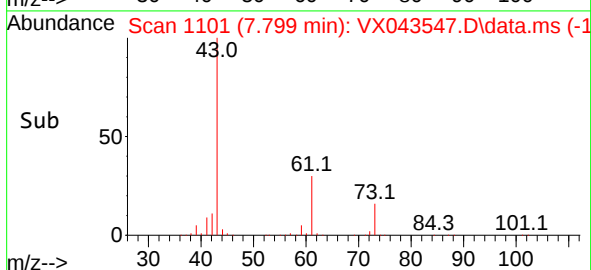
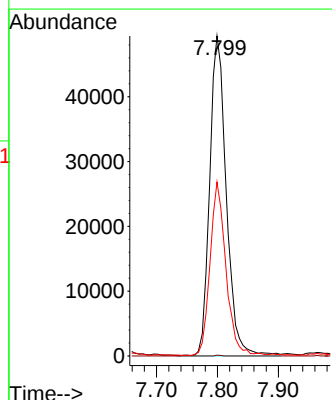
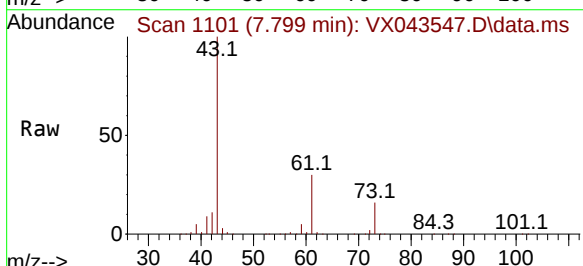
Tgt Ion: 41 Resp: 93699

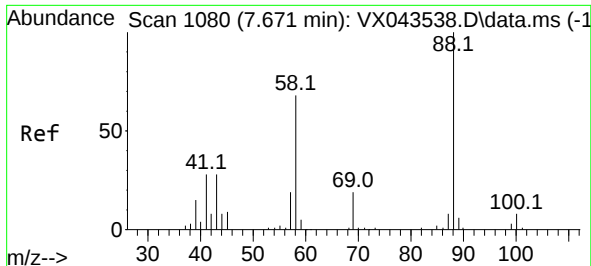
Ion Ratio Lower Upper

41 100

69 0.1 67.7 101.5#

39 51.6 46.3 69.5





#49

1,4-Dioxane

Concen: 3.431 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.128 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA\_X

ClientSampleId :

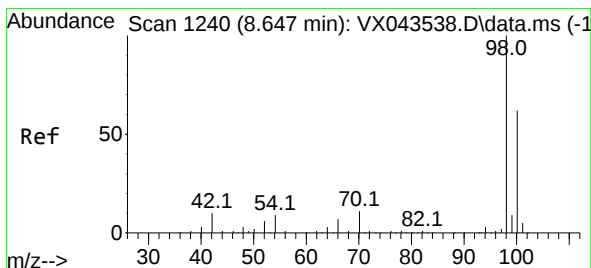
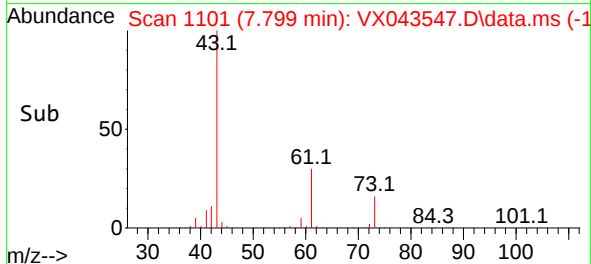
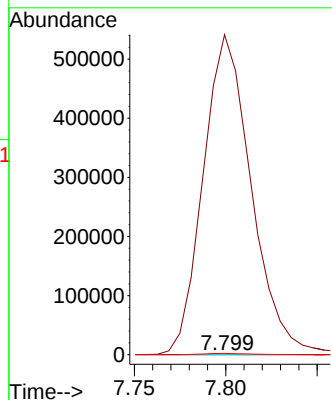
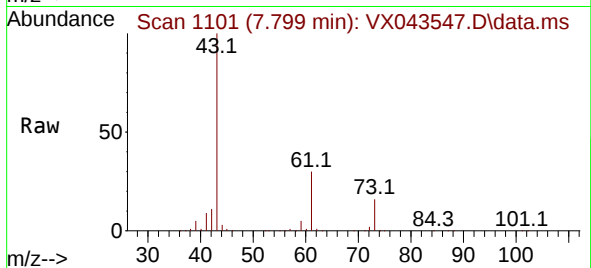
Tgt Ion: 88 Resp: 178

Ion Ratio Lower Upper

88 100

43 564422.5 25.3 37.9#

58 2289.9 53.9 80.9#



#50

Toluene-d8

Concen: 48.163 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043547.D

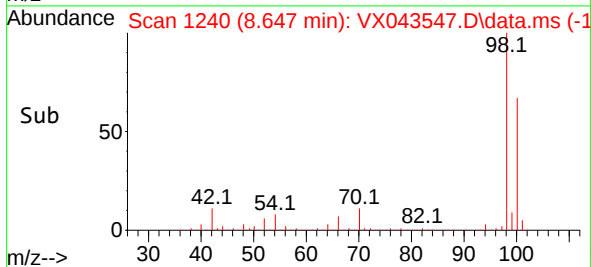
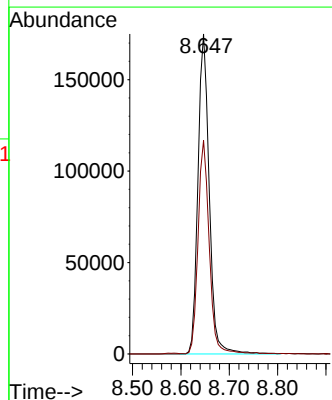
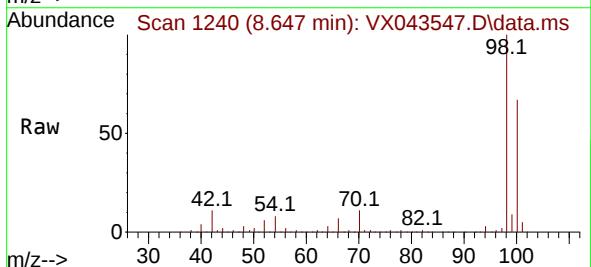
Acq: 26 Oct 2024 04:02

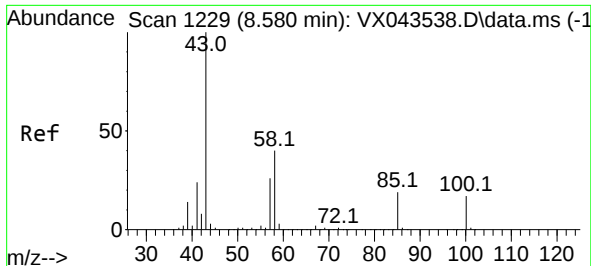
Tgt Ion: 98 Resp: 282707

Ion Ratio Lower Upper

98 100

100 65.7 53.4 80.2

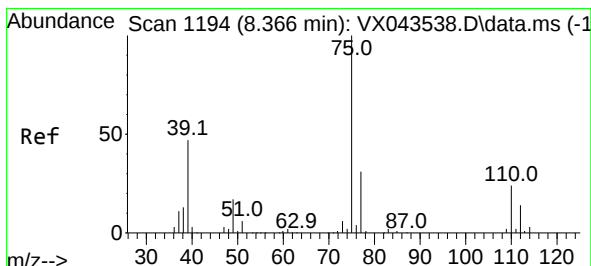
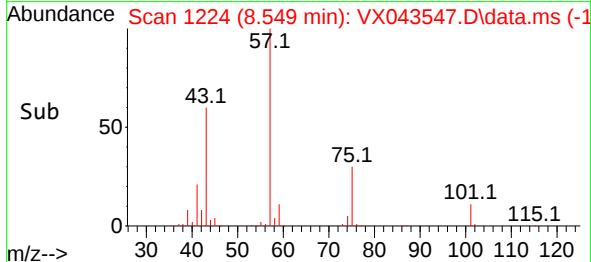
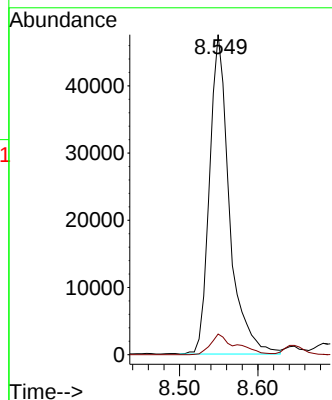
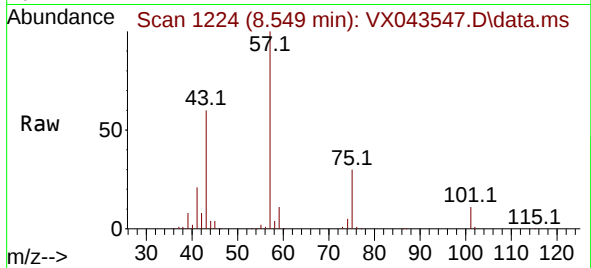




#51  
4-Methyl-2-Pentanone  
Concen: 30.509 ug/l  
RT: 8.549 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

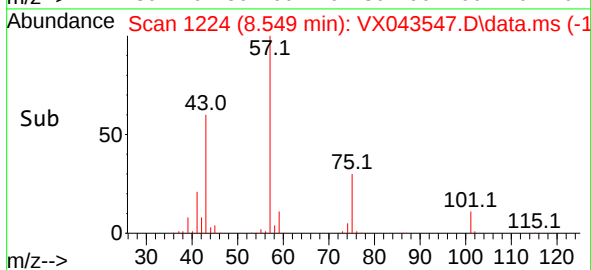
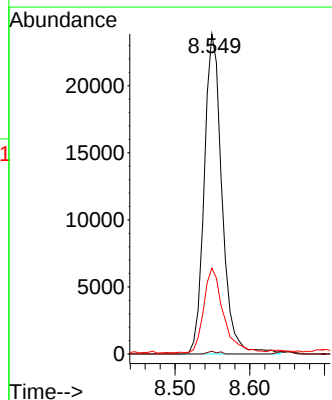
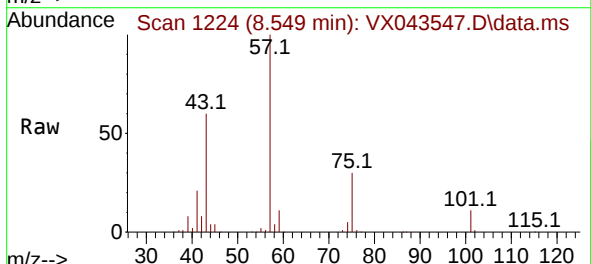
Instrument :  
MSVOA\_X  
ClientSampleId :

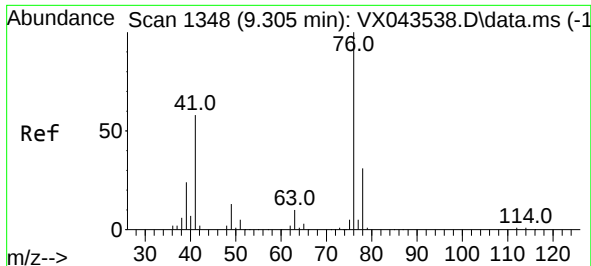
Tgt Ion: 43 Resp: 83617  
Ion Ratio Lower Upper  
43 100  
58 8.2 31.7 47.5#



#54  
cis-1,3-Dichloropropene  
Concen: 15.895 ug/l  
RT: 8.549 min Scan# 1224  
Delta R.T. 0.183 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

Tgt Ion: 75 Resp: 39373  
Ion Ratio Lower Upper  
75 100  
77 0.8 24.8 37.2#  
39 26.2 37.7 56.5#





#57

1,3-Dichloropropane

Concen: 1.562 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.183 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA\_X

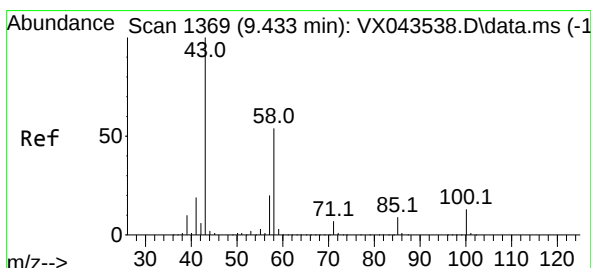
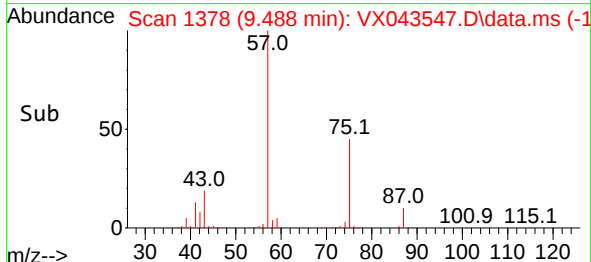
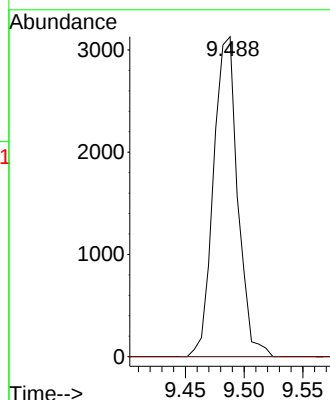
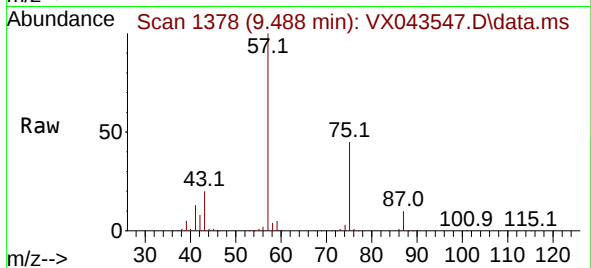
ClientSampleId :

Tgt Ion: 76 Resp: 4493

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 30.882 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX043547.D

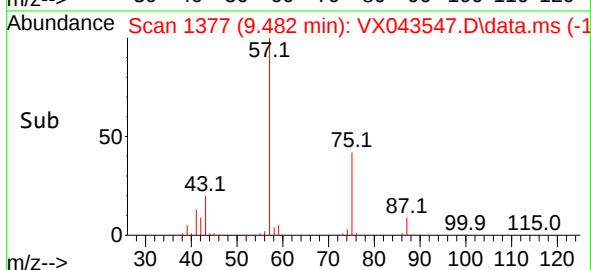
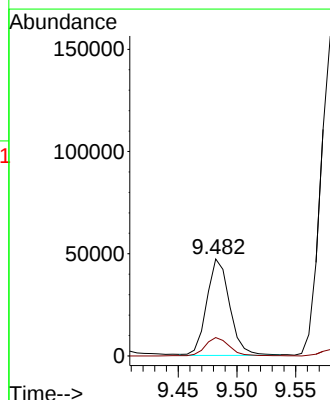
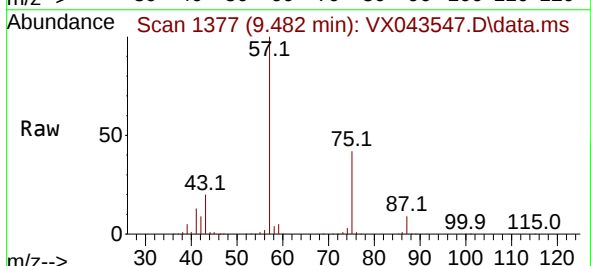
Acq: 26 Oct 2024 04:02

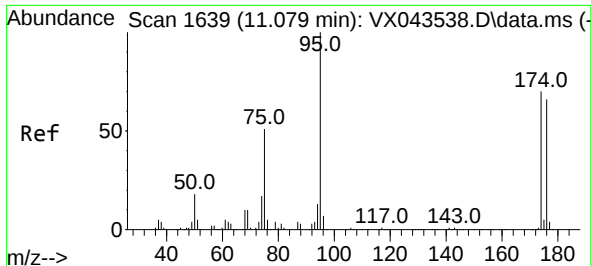
Tgt Ion: 43 Resp: 63999

Ion Ratio Lower Upper

43 100

58 20.5 27.5 82.5#

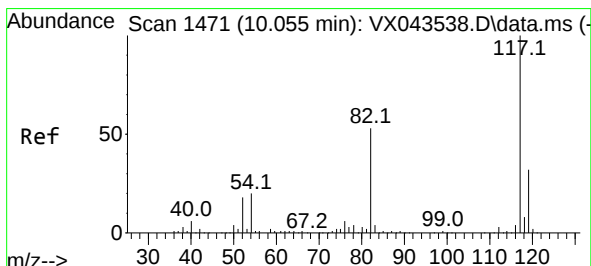
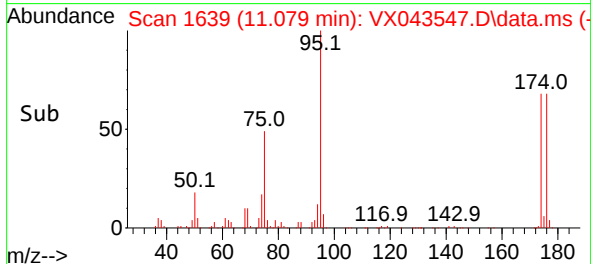
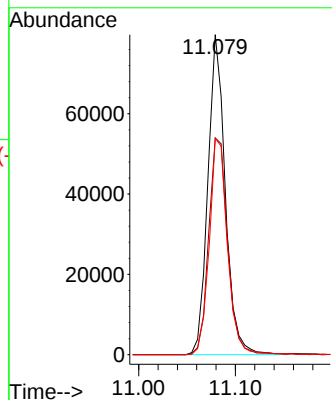
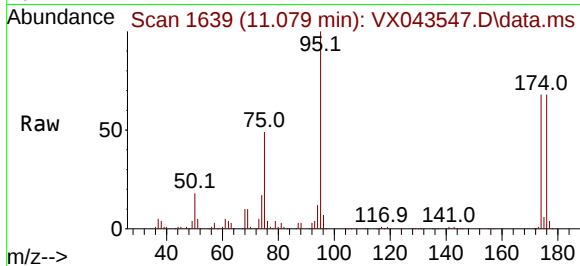




#62  
4-Bromofluorobenzene  
Concen: 46.668 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

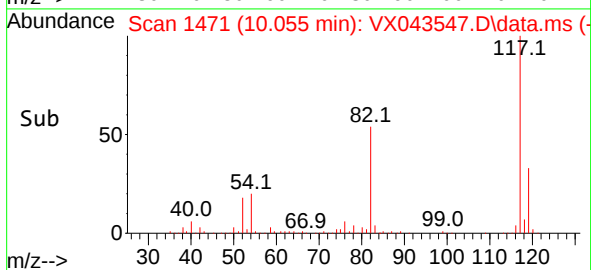
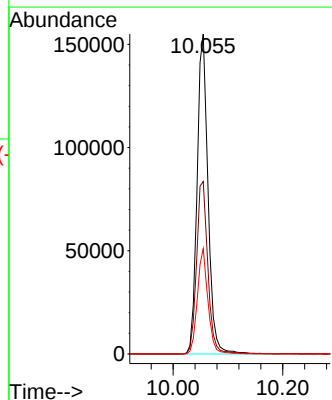
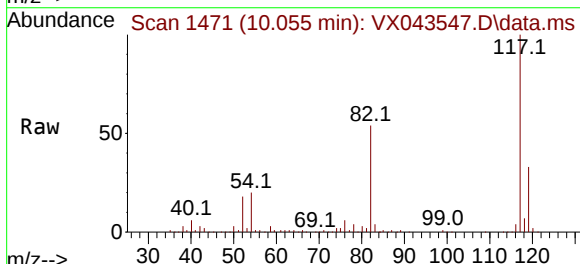
Instrument :  
MSVOA\_X  
ClientSampleId :

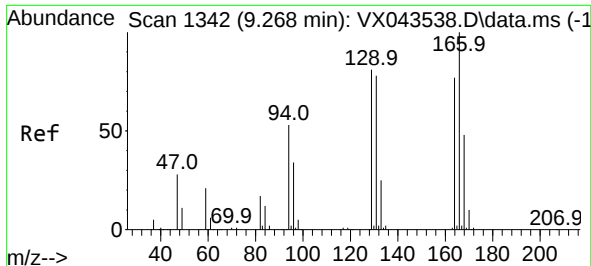
Tgt Ion: 95 Resp: 100054  
Ion Ratio Lower Upper  
95 100  
174 73.7 0.0 146.6  
176 70.4 0.0 139.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

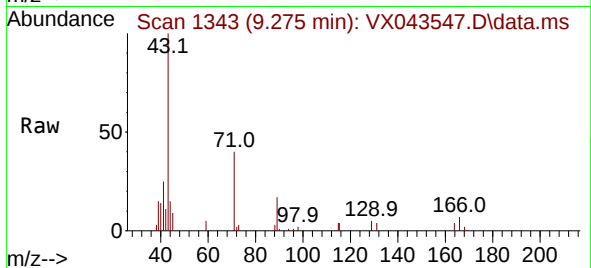
Tgt Ion: 117 Resp: 216132  
Ion Ratio Lower Upper  
117 100  
82 53.9 42.1 63.1  
119 32.9 25.4 38.2



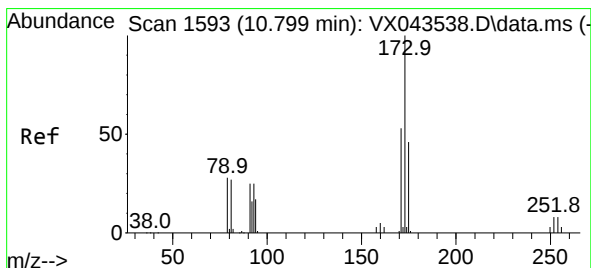
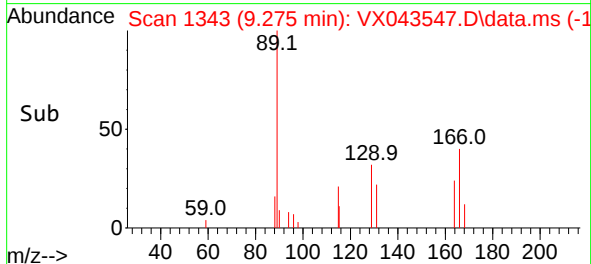
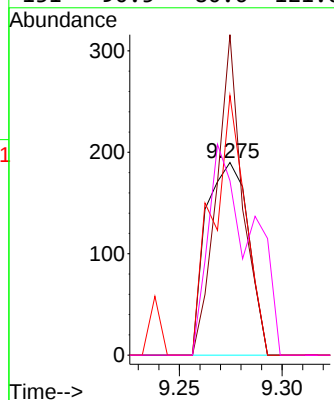


#64  
Tetrachloroethene  
Concen: 0.201 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

Instrument :  
MSVOA\_X  
ClientSampleId :

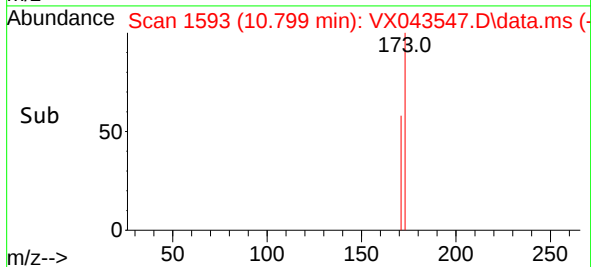
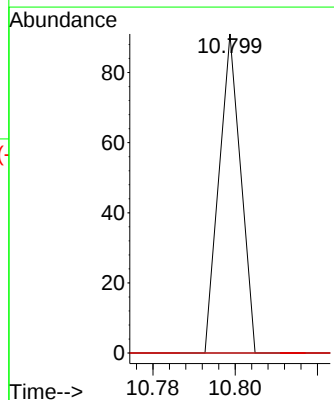
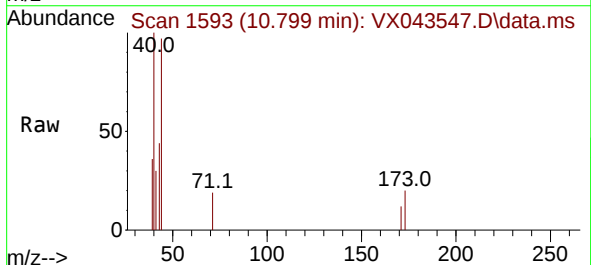


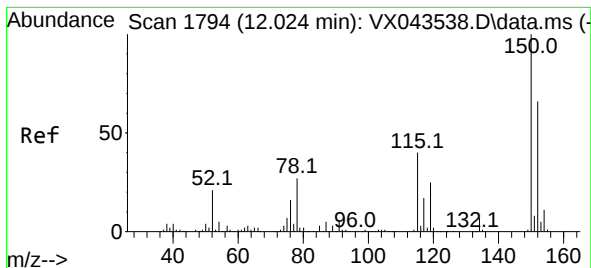
Tgt Ion:164 Resp: 272  
Ion Ratio Lower Upper  
164 100  
166 166.3 103.8 155.6#  
129 134.7 83.8 125.6#  
131 90.5 80.6 121.0



#71  
Bromoform  
Concen: 3.770 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

Tgt Ion:173 Resp: 33  
Ion Ratio Lower Upper  
173 100  
175 0.0 23.3 69.9#  
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA\_X

ClientSampleId :

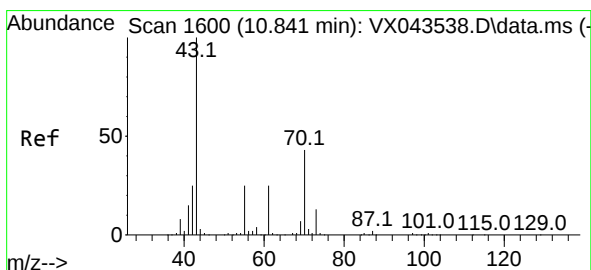
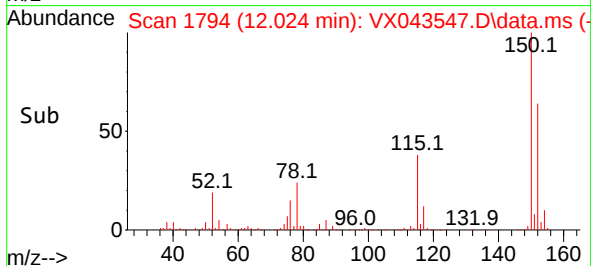
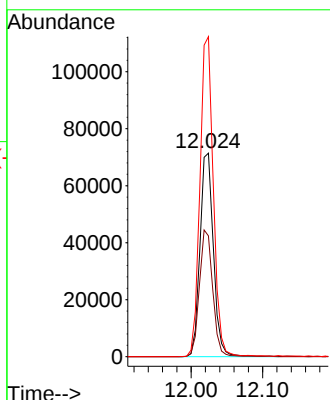
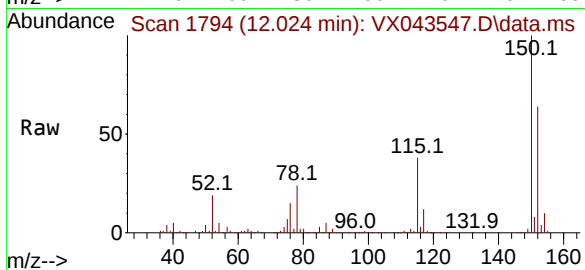
Tgt Ion:152 Resp: 93342

Ion Ratio Lower Upper

152 100

115 61.8 42.9 128.7

150 155.8 0.0 343.6



#74

N-ethyl acetate

Concen: 5.731 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.201 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

Tgt Ion: 43 Resp: 19259

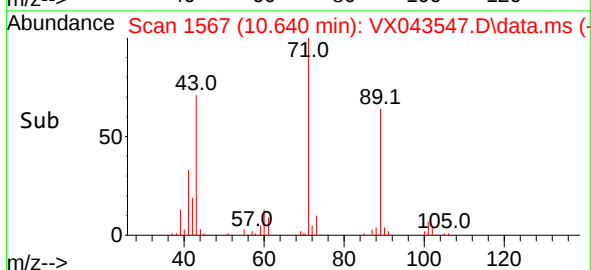
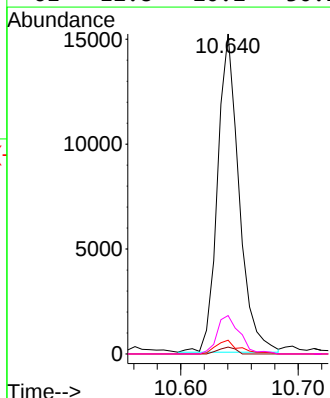
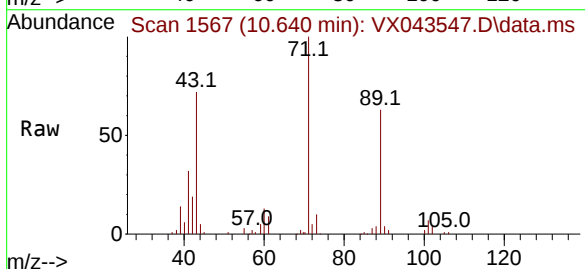
Ion Ratio Lower Upper

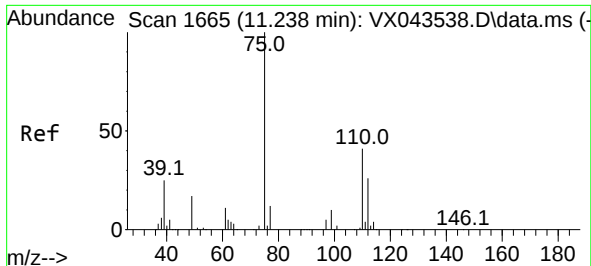
43 100

70 1.7 34.6 52.0#

55 4.7 19.6 29.4#

61 12.8 20.2 30.2#

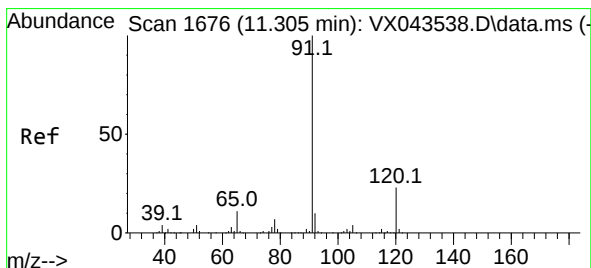
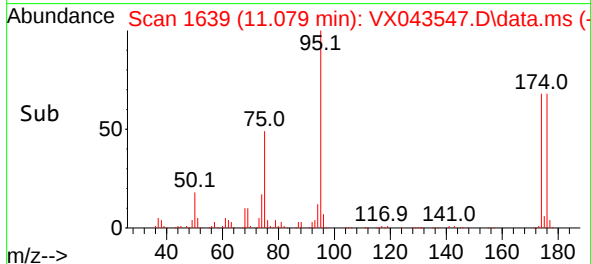
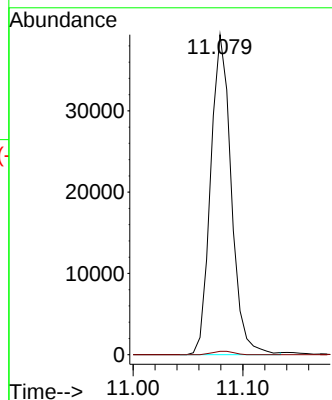
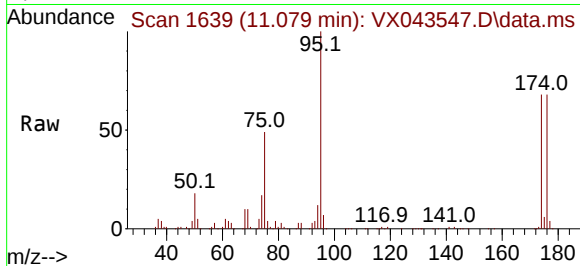




#76  
1,2,3-Trichloropropane  
Concen: 23.736 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

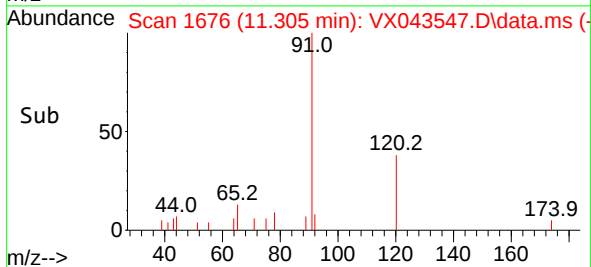
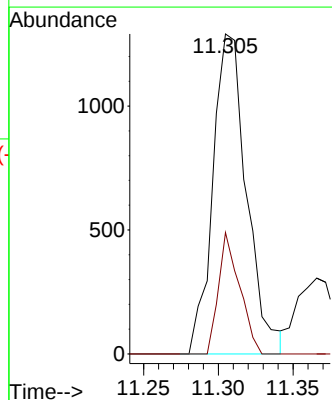
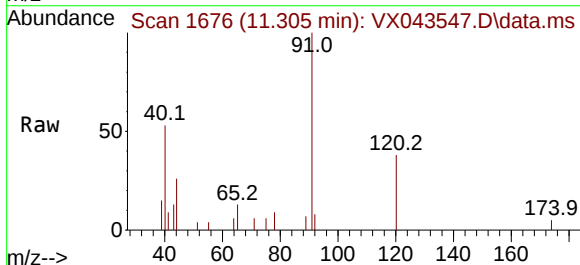
Instrument :  
MSVOA\_X  
ClientSampleId :

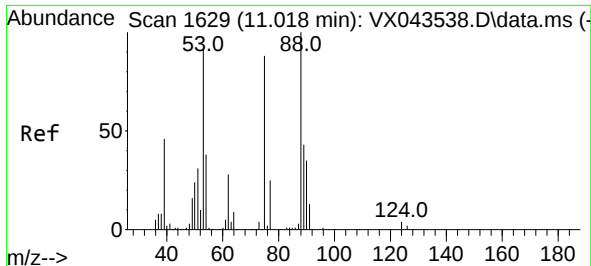
Tgt Ion: 75 Resp: 51505  
Ion Ratio Lower Upper  
75 100  
77 1.1 22.4 67.2#



#78  
n-propylbenzene  
Concen: 0.286 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

Tgt Ion: 91 Resp: 2032  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.6 34.7

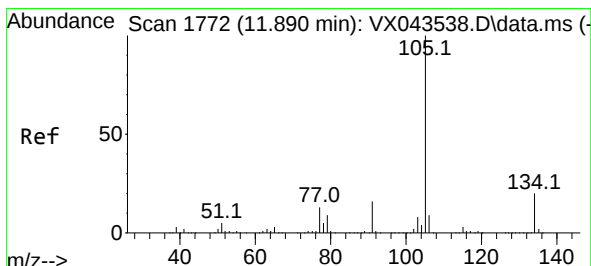
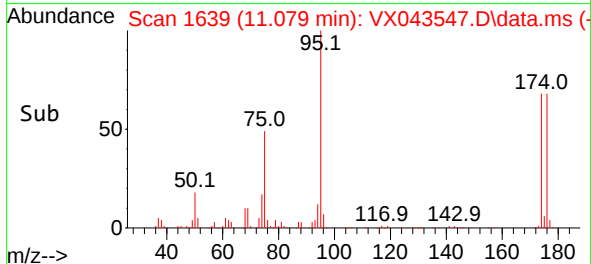
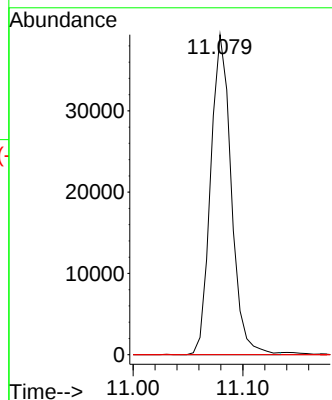
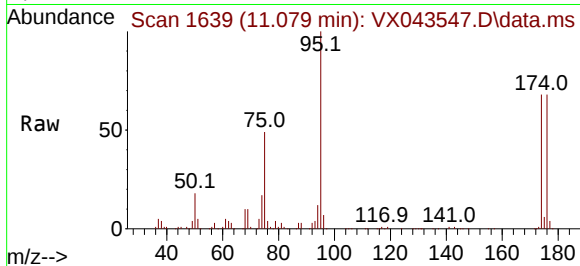




#81  
trans-1,4-Dichloro-2-butene  
Concen: 63.677 ug/l  
RT: 11.079 min Scan# 1629  
Delta R.T. 0.061 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

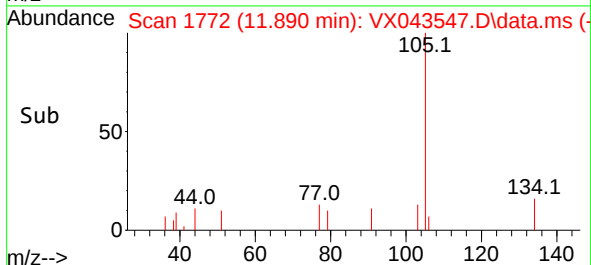
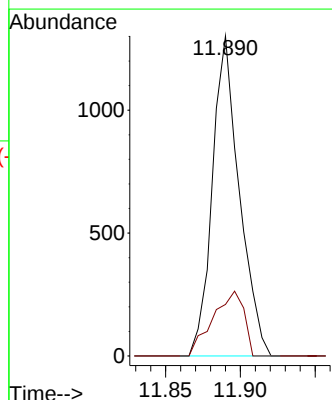
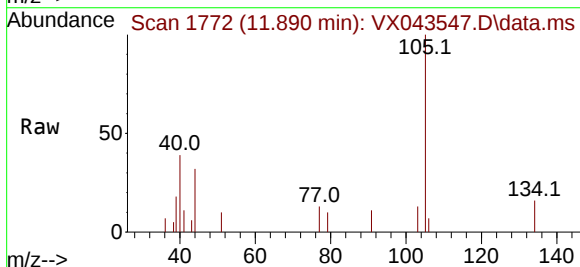
Instrument :  
MSVOA\_X  
ClientSampleId :

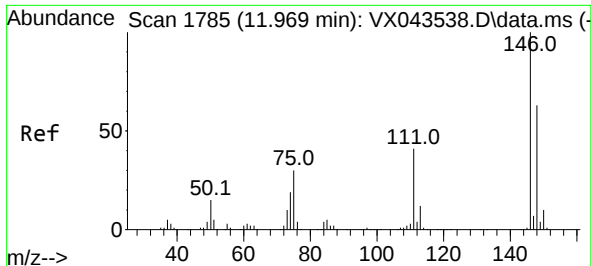
Tgt Ion: 75 Resp: 51505  
Ion Ratio Lower Upper  
75 100  
53 0.0 84.6 126.8#  
89 0.0 38.6 58.0#



#85  
sec-Butylbenzene  
Concen: 0.249 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX043547.D  
Acq: 26 Oct 2024 04:02

Tgt Ion: 105 Resp: 1632  
Ion Ratio Lower Upper  
105 100  
134 23.3 9.8 29.5





#87

1,3-Dichlorobenzene

Concen: 0.237 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA\_X

ClientSampleId :

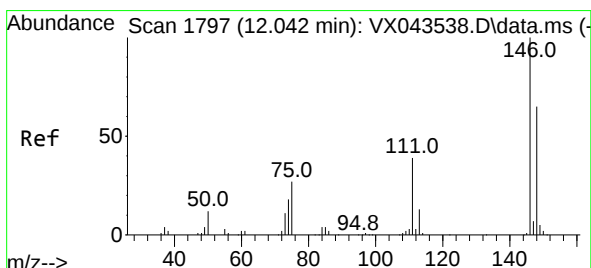
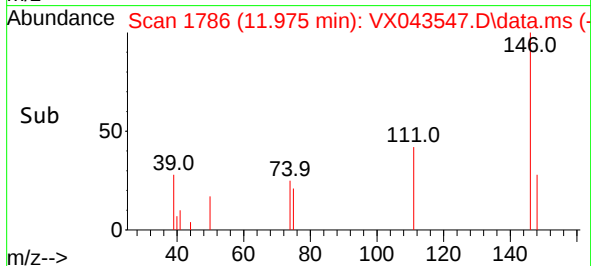
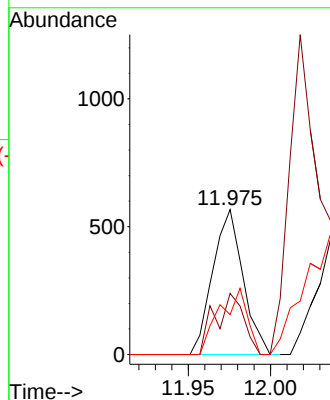
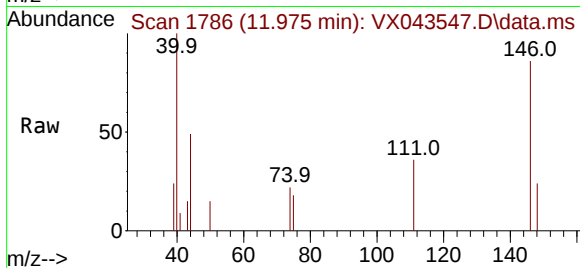
Tgt Ion:146 Resp: 725

Ion Ratio Lower Upper

146 100

111 39.9 21.1 63.4

148 42.1 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 0.235 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

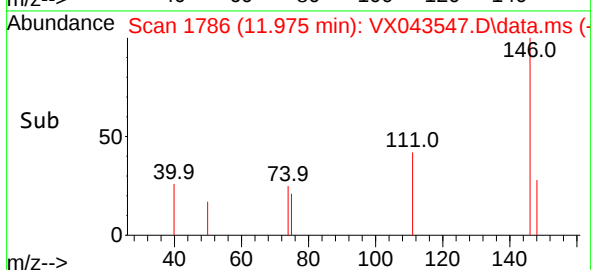
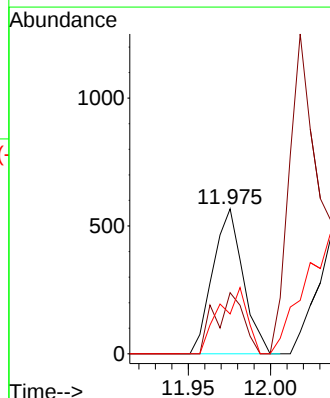
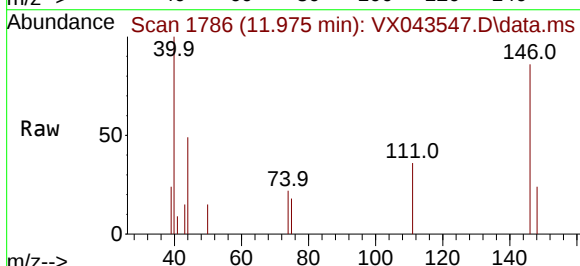
Tgt Ion:146 Resp: 725

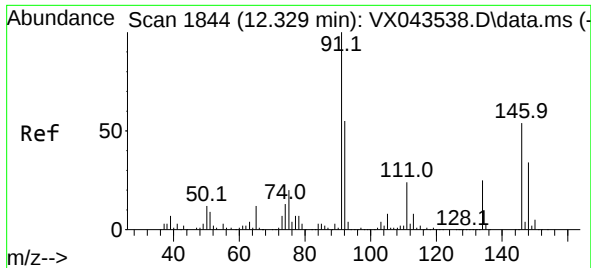
Ion Ratio Lower Upper

146 100

111 39.9 20.4 61.3

148 42.1 31.9 95.9





#89

n-Butylbenzene

Concen: 0.266 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

Instrument :

MSVOA\_X

ClientSampleId :

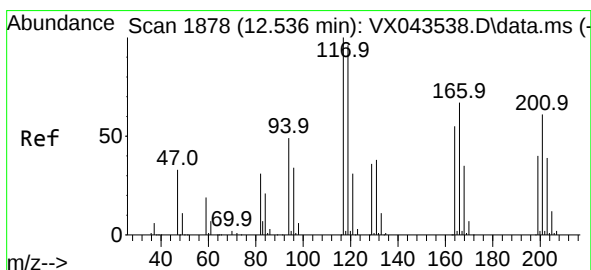
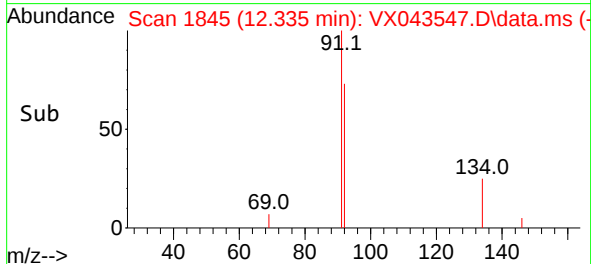
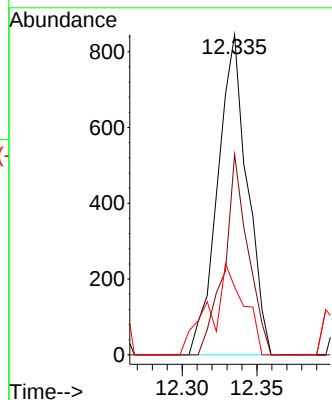
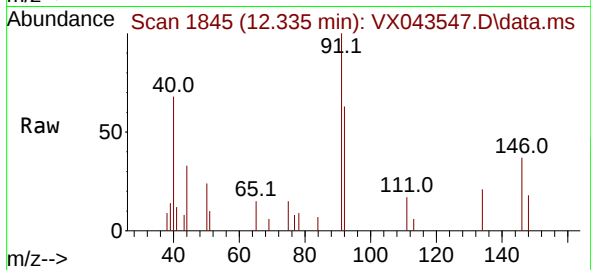
Tgt Ion: 91 Resp: 1167

Ion Ratio Lower Upper

91 100

92 50.6 27.1 81.2

134 32.2 12.9 38.6



#90

Hexachloroethane

Concen: 0.352 ug/l

RT: 12.609 min Scan# 1890

Delta R.T. 0.073 min

Lab File: VX043547.D

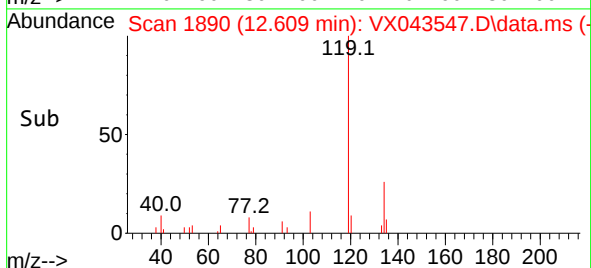
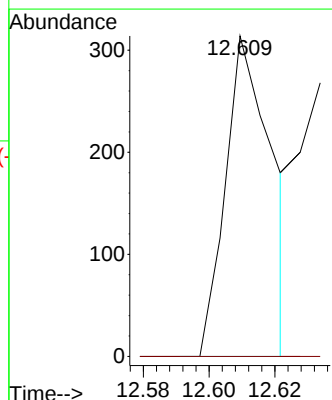
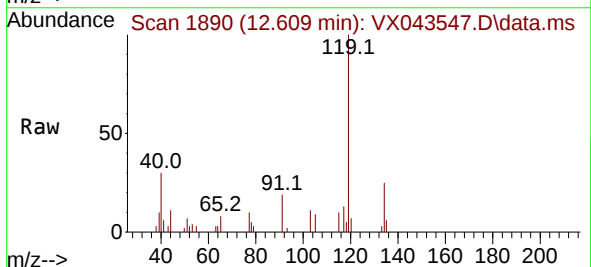
Acq: 26 Oct 2024 04:02

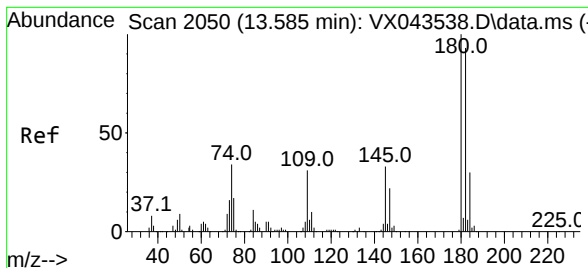
Tgt Ion: 117 Resp: 309

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.302 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043547.D

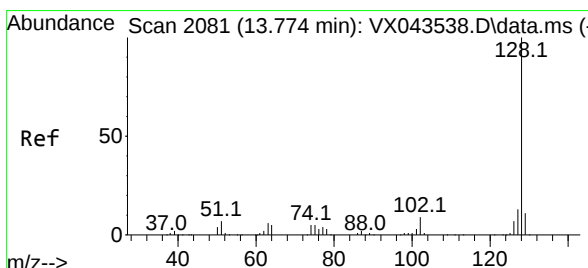
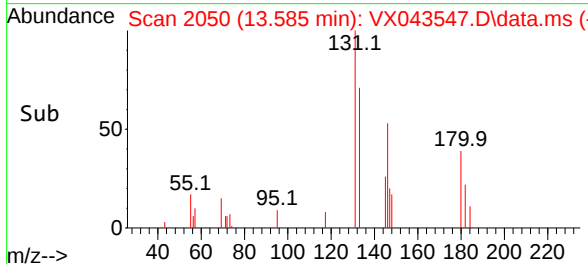
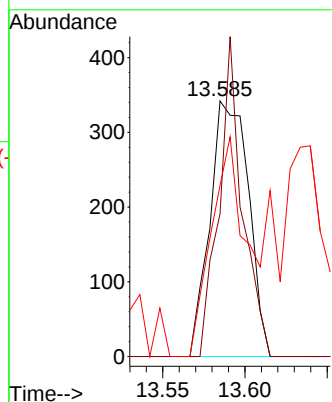
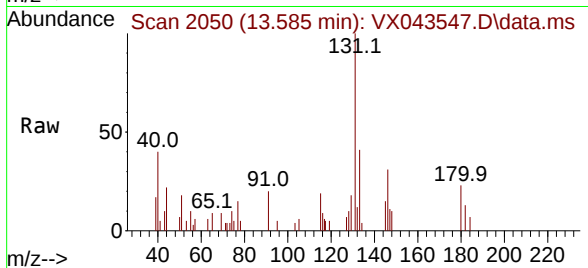
Acq: 26 Oct 2024 04:02

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:180 | Resp: | 557         |
| Ion         | Ratio | Lower Upper |
| 180         | 100   |             |
| 182         | 75.6  | 46.8 140.4  |
| 145         | 78.5  | 16.1 48.3#  |



#95

Naphthalene

Concen: 0.418 ug/l

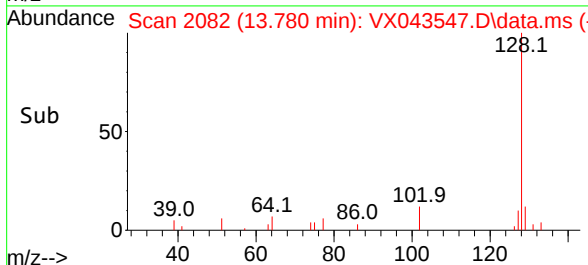
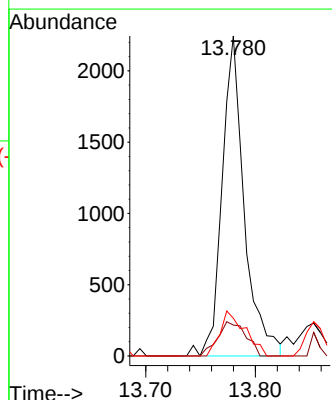
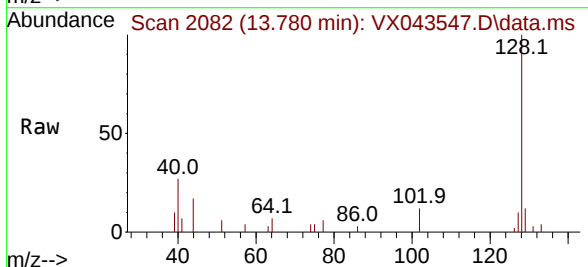
RT: 13.780 min Scan# 2082

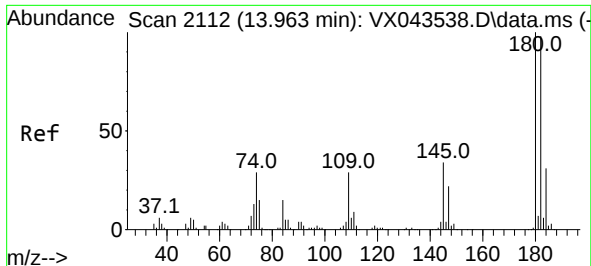
Delta R.T. 0.006 min

Lab File: VX043547.D

Acq: 26 Oct 2024 04:02

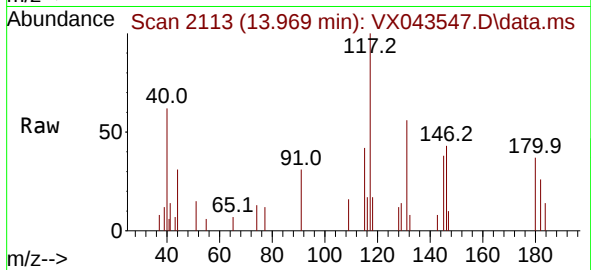
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:128 | Resp: | 3164        |
| Ion         | Ratio | Lower Upper |
| 128         | 100   |             |
| 127         | 13.6  | 10.2 15.4   |
| 129         | 15.8  | 8.7 13.1#   |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.232 ug/l  
 RT: 13.969 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VX043547.D  
 Acq: 26 Oct 2024 04:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion:180 Resp: 447  
 Ion Ratio Lower Upper  
 180 100  
 182 85.0 47.1 141.3  
 145 108.3 17.4 52.3#

