

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021925\  
 Data File : VX045001.D  
 Acq On : 19 Feb 2025 12:56  
 Operator : JC/MD  
 Sample : Q1373-01RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Feb 20 02:37:02 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 11 03:41:08 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 84723    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 168885   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 137956   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 66842    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 68527    | 55.255   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 110.520% |      |
| 35) Dibromofluoromethane    | 5.379  | 113   | 55579    | 50.617   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 101.240% |      |
| 50) Toluene-d8              | 8.659  | 98    | 153905   | 37.067   | ug/l       | 0.01 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 74.140%# |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 69400    | 49.580   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 99.160%  |      |

|                             |        |     |          |           |        |     |
|-----------------------------|--------|-----|----------|-----------|--------|-----|
| Target Compounds            |        |     |          |           | Qvalue |     |
| 3) Chloromethane            | 1.301  | 50  | 295      | 0.204     | ug/l # | 42  |
| 5) Bromomethane             | 1.599  | 94  | 104      | 0.248     | ug/l   | 93  |
| 6) Chloroethane             | 1.636  | 64  | 1134     | 3.018     | ug/l # | 51  |
| 11) Tert butyl alcohol      | 2.953  | 59  | 3129     | 13.600    | ug/l # | 75  |
| 13) Acrolein                | 2.233  | 56  | 4179     | 17.605    | ug/l   | 100 |
| 14) Allyl chloride          | 2.642  | 41  | 717      | 0.363     | ug/l # | 26  |
| 15) Acrylonitrile           | 3.081  | 53  | 591      | 0.962     | ug/l # | 93  |
| 16) Acetone                 | 2.374  | 43  | 111655   | 223.952   | ug/l   | 95  |
| 17) Carbon Disulfide        | 2.508  | 76  | 817      | 0.273     | ug/l # | 76  |
| 18) Methyl Acetate          | 2.697  | 43  | 1356     | 0.862     | ug/l # | 72  |
| 20) Methylene Chloride      | 2.794  | 84  | 703      | 0.576     | ug/l # | 80  |
| 25) 2-Butanone              | 4.562  | 43  | 17126    | 21.154    | ug/l   | 96  |
| 29) Tetrahydrofuran         | 5.038  | 42  | 235      | 0.437     | ug/l # | 66  |
| 30) Chloroform              | 5.086  | 83  | 548      | 0.270     | ug/l # | 83  |
| 31) Cyclohexane             | 5.538  | 56  | 2144     | 1.113     | ug/l # | 17  |
| 36) 1,1-Dichloropropene     | 5.544  | 75  | 7024     | 4.434     | ug/l # | 48  |
| 37) Ethyl Acetate           | 4.562  | 43  | 17126    | 9.719     | ug/l # | 69  |
| 38) Carbon Tetrachloride    | 5.538  | 117 | 8833     | 5.690     | ug/l # | 16  |
| 40) Benzene                 | 6.038  | 78  | 2909     | 0.588     | ug/l # | 83  |
| 43) Isopropyl Acetate       | 6.123  | 43  | 62750    | 22.053    | ug/l # | 61  |
| 51) 4-Methyl-2-Pentanone    | 8.616  | 43  | 26112898 | 15095.383 | ug/l   | 92  |
| 52) Toluene                 | 8.732  | 92  | 54584    | 18.528    | ug/l   | 100 |
| 53) t-1,3-Dichloropropene   | 8.732  | 75  | 633      | 0.379     | ug/l # | 1   |
| 54) cis-1,3-Dichloropropene | 8.574  | 75  | 6061     | 3.251     | ug/l # | 1   |
| 56) Ethyl methacrylate      | 9.031  | 69  | 28256    | 15.448    | ug/l # | 64  |
| 59) 2-Hexanone              | 9.439  | 43  | 7514     | 6.029     | ug/l   | 98  |
| 67) Ethyl Benzene           | 10.189 | 91  | 235600   | 45.057    | ug/l   | 99  |
| 68) m/p-Xylenes             | 10.299 | 106 | 408089   | 211.569   | ug/l   | 98  |
| 69) o-Xylene                | 10.640 | 106 | 407206   | 210.393   | ug/l   | 97  |
| 70) Styrene                 | 10.640 | 104 | 20025    | 6.422     | ug/l # | 1   |
| 73) Isopropylbenzene        | 10.957 | 105 | 20927    | 3.888     | ug/l   | 98  |
| 74) N-amyl acetate          | 10.768 | 43  | 71668    | 29.427    | ug/l # | 47  |
| 76) 1,2,3-Trichloropropane  | 11.372 | 75  | 1788     | 1.206     | ug/l # | 1   |
| 78) n-propylbenzene         | 11.305 | 91  | 32273    | 5.195     | ug/l   | 98  |
| 79) 2-Chlorotoluene         | 11.378 | 91  | 23054    | 6.038     | ug/l # | 42  |
| 80) 1,3,5-Trimethylbenzene  | 11.451 | 105 | 102151   | 23.389    | ug/l   | 100 |

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 Acq On : 19 Feb 2025 12:56  
 Operator : JC/MD  
 Sample : Q1373-01RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

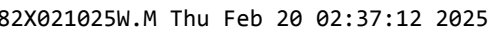
Instrument :  
 MSVOA\_X  
 ClientSampleId :

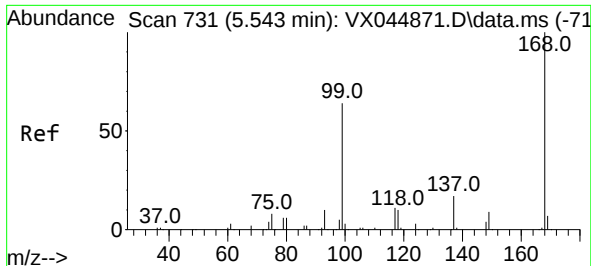
Quant Time: Feb 20 02:37:02 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 11 03:41:08 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 37497    | 65.086 | ug/l # | 11       |
| 82) 4-Chlorotoluene           | 11.445 | 91   | 11635    | 2.755  | ug/l # | 47       |
| 83) tert-Butylbenzene         | 11.750 | 119  | 31281    | 7.080  | ug/l # | 52       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 272949   | 63.319 | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.750 | 105  | 272949   | 49.888 | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 11.969 | 119  | 7944     | 1.806  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.317 | 91   | 5030     | 1.292  | ug/l # | 9        |
| 90) Hexachloroethane          | 12.530 | 117  | 759      | 0.921  | ug/l # | 18       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.798 | 75   | 396      | 1.173  | ug/l # | 3        |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 371      | 0.278  | ug/l   | 90       |
| 95) Naphthalene               | 13.774 | 128  | 6231     | 1.292  | ug/l # | 93       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 415      | 0.309  | ug/l   | 89       |
| -----                         |        |      |          |        |        |          |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 11 03:41:08 2025  
Response via : Initial Calibration

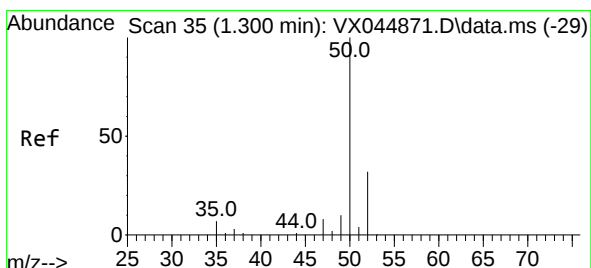
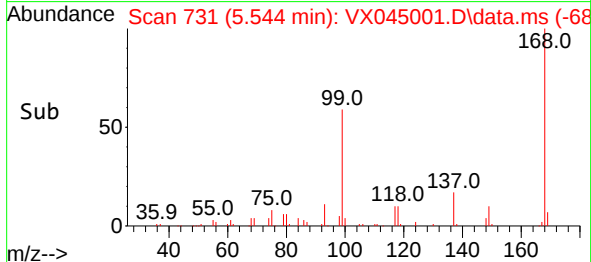
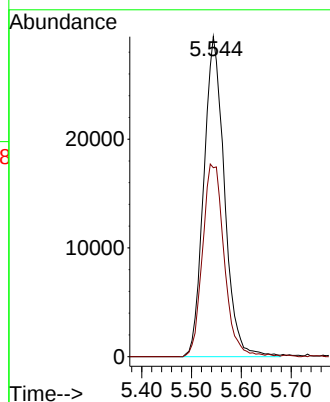
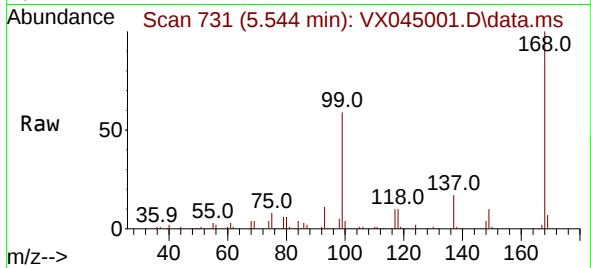




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

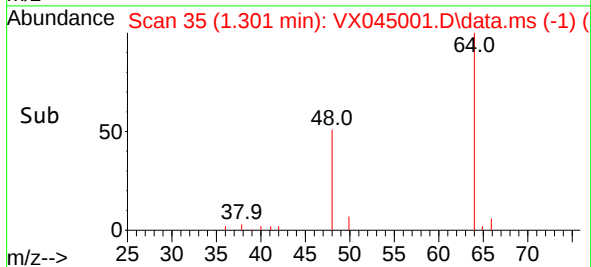
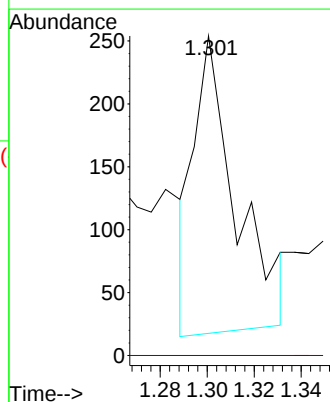
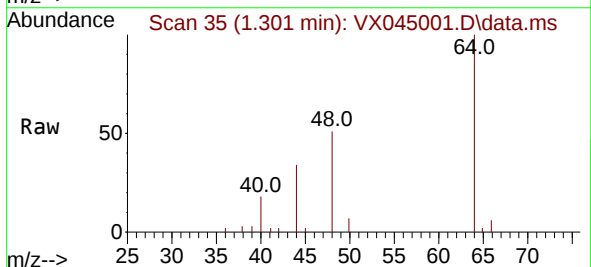
Instrument :  
MSVOA\_X  
ClientSampleId :

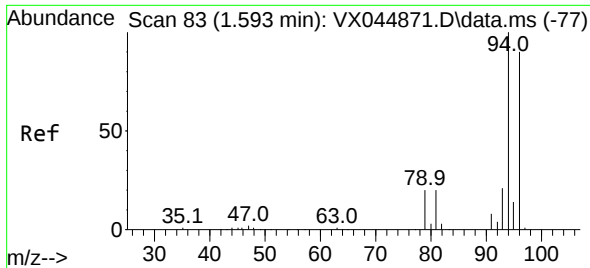
Tgt Ion:168 Resp: 84723  
Ion Ratio Lower Upper  
168 100  
99 59.0 51.2 76.8



#3  
Chloromethane  
Concen: 0.204 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. 0.000 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Tgt Ion: 50 Resp: 295  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.9 38.9#

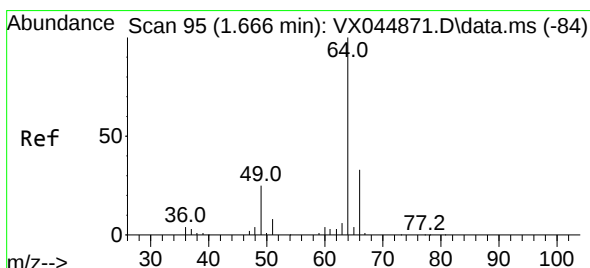
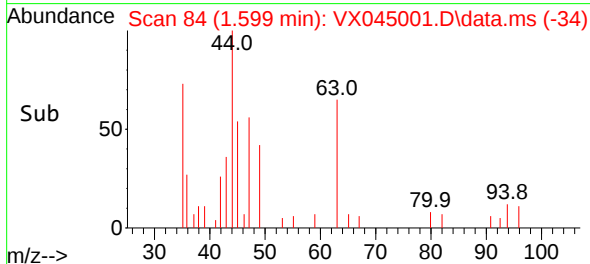
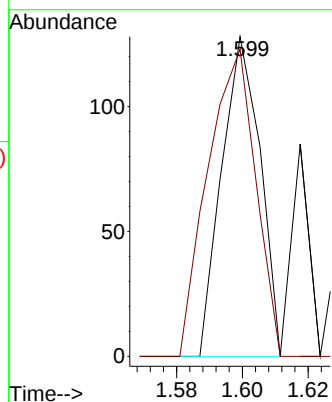
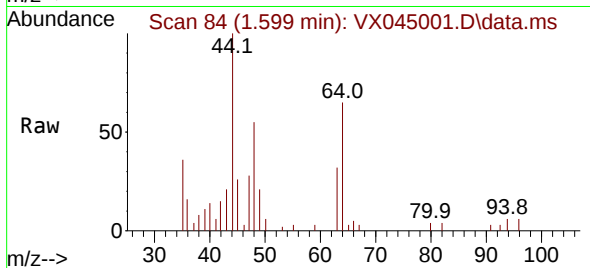




#5  
Bromomethane  
Concen: 0.248 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

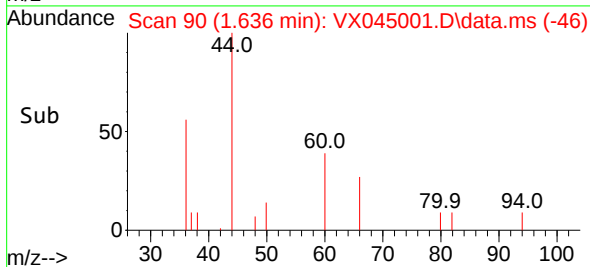
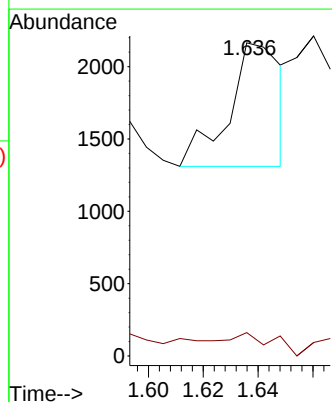
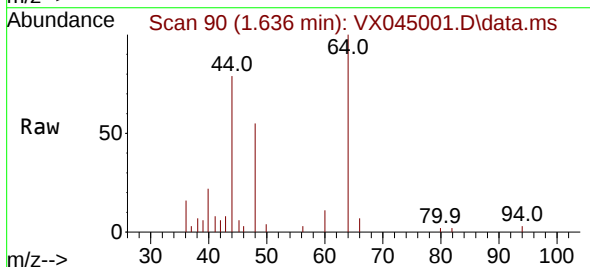
Instrument :  
MSVOA\_X  
ClientSampleId :

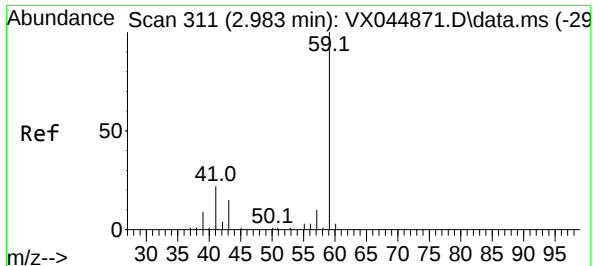
Tgt Ion: 94 Resp: 104  
Ion Ratio Lower Upper  
94 100  
96 96.1 71.6 107.4



#6  
Chloroethane  
Concen: 3.018 ug/l  
RT: 1.636 min Scan# 90  
Delta R.T. -0.030 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Tgt Ion: 64 Resp: 1134  
Ion Ratio Lower Upper  
64 100  
66 4.8 25.9 38.9#

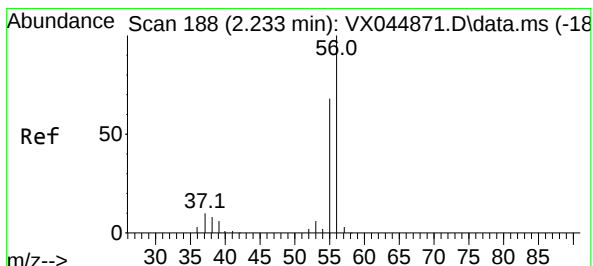
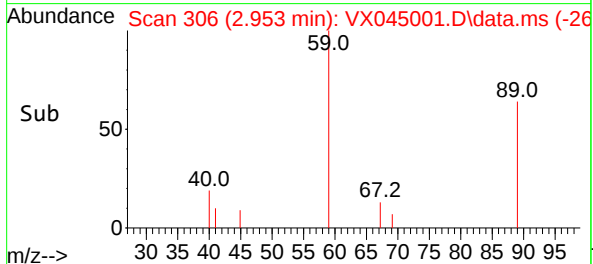
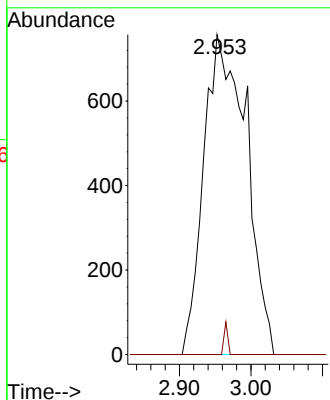
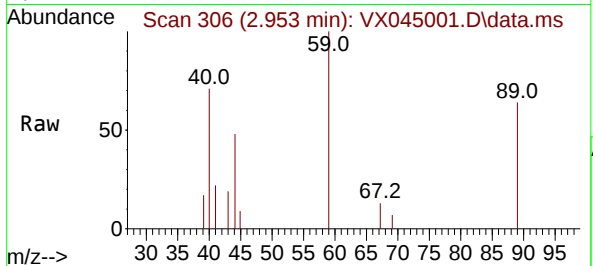




#11  
Tert butyl alcohol  
Concen: 13.600 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. -0.030 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

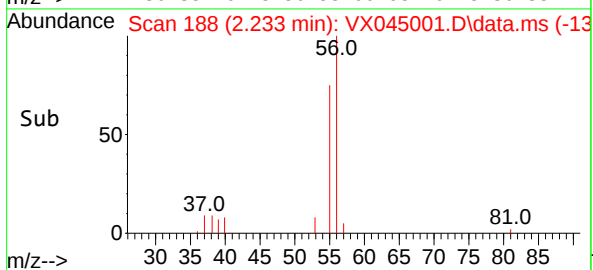
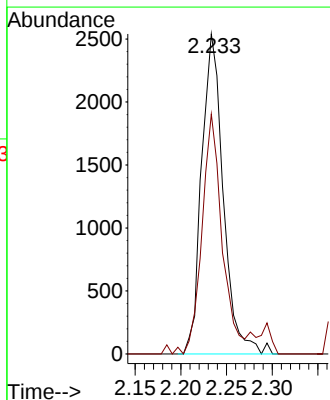
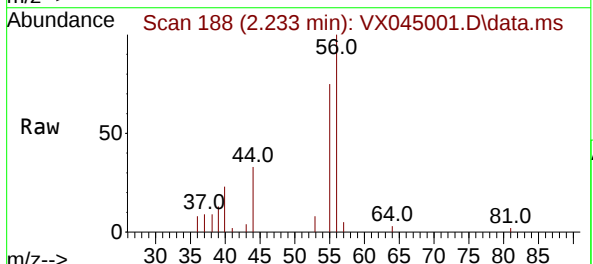
Instrument :  
MSVOA\_X  
ClientSampleId :

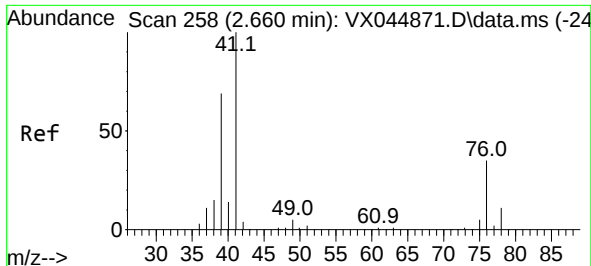
Tgt Ion: 59 Resp: 3129  
Ion Ratio Lower Upper  
59 100  
57 0.9 8.1 12.1#



#13  
Acrolein  
Concen: 17.605 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

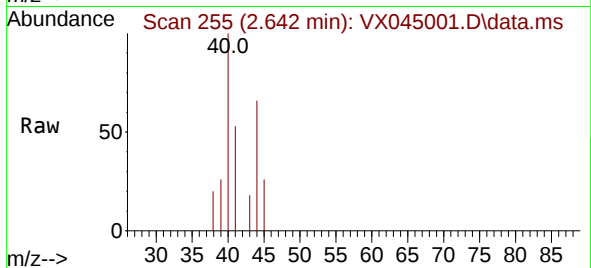
Tgt Ion: 56 Resp: 4179  
Ion Ratio Lower Upper  
56 100  
55 69.6 55.7 83.5



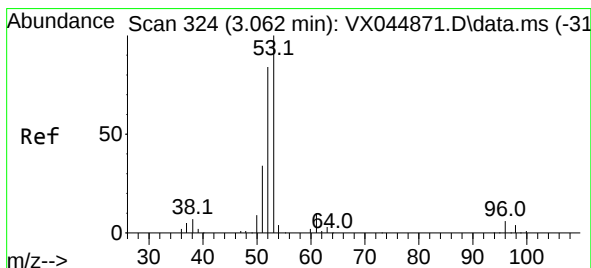
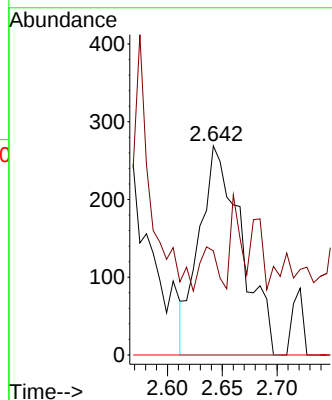
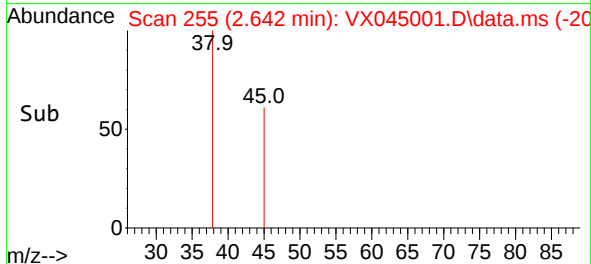


#14  
 Allyl chloride  
 Concen: 0.363 ug/l  
 RT: 2.642 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: VX045001.D  
 Acq: 19 Feb 2025 12:56

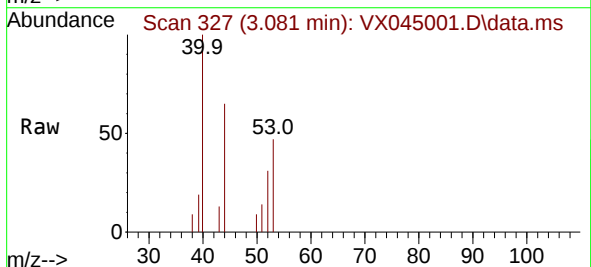
Instrument :  
 MSVOA\_X  
 ClientSampleId :



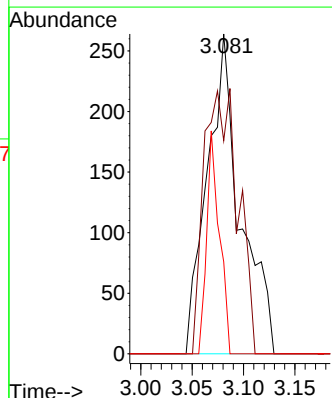
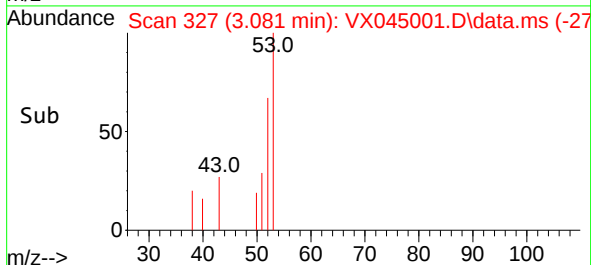
Tgt Ion: 41 Resp: 717  
 Ion Ratio Lower Upper  
 41 100  
 39 0.0 51.4 77.2#  
 76 0.0 27.0 40.4#

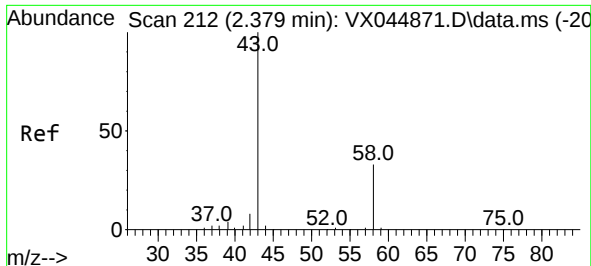


#15  
 Acrylonitrile  
 Concen: 0.962 ug/l  
 RT: 3.081 min Scan# 327  
 Delta R.T. 0.019 min  
 Lab File: VX045001.D  
 Acq: 19 Feb 2025 12:56



Tgt Ion: 53 Resp: 591  
 Ion Ratio Lower Upper  
 53 100  
 52 85.1 65.0 97.6  
 51 26.9 28.0 42.0#

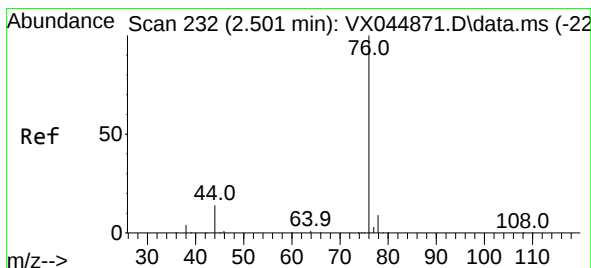
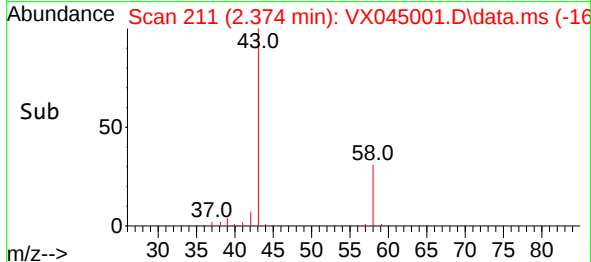
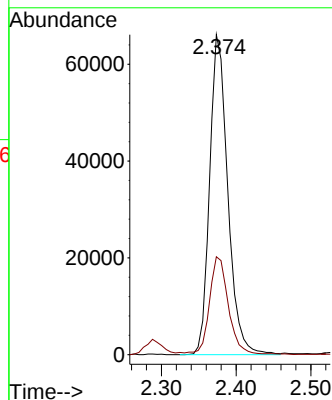
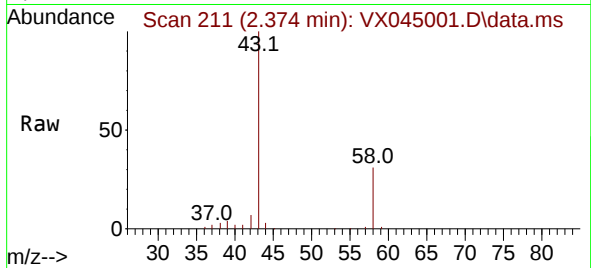




#16  
Acetone  
Concen: 223.952 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

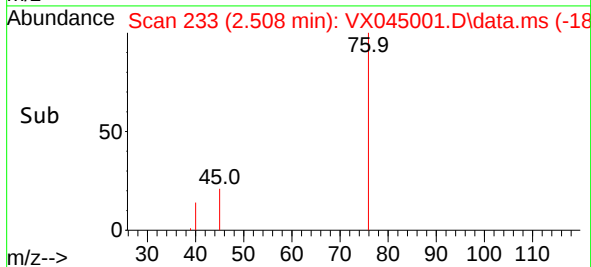
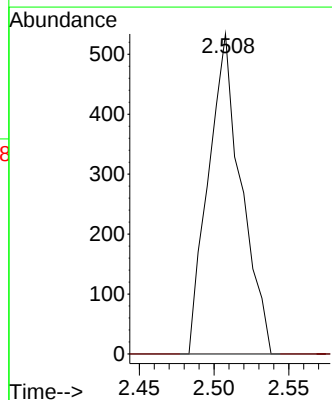
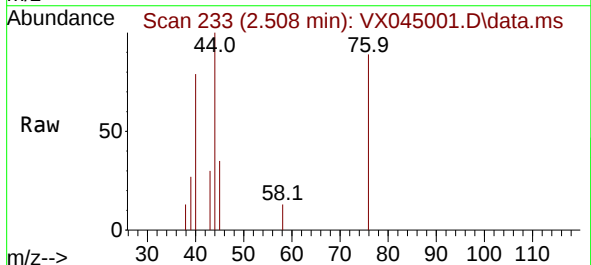
Instrument :  
MSVOA\_X  
ClientSampleId :

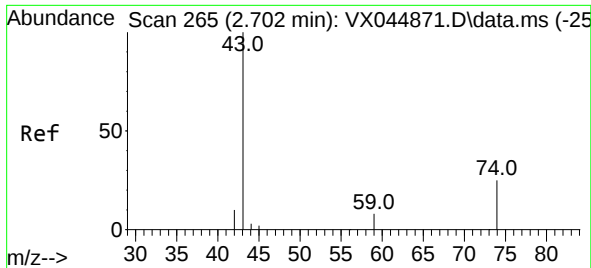
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Ion Ratio Lower Upper  
43 100  
58 30.4 26.5 39.7



#17  
Carbon Disulfide  
Concen: 0.273 ug/l  
RT: 2.508 min Scan# 233  
Delta R.T. 0.006 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Tgt Ion: 76 Resp: 817  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.0 10.4#

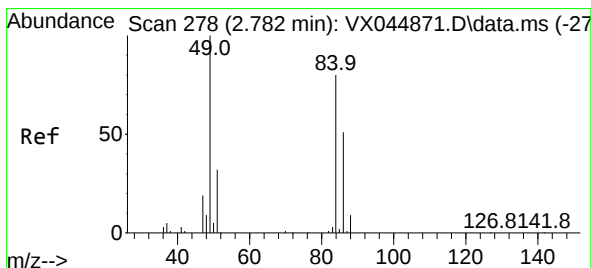
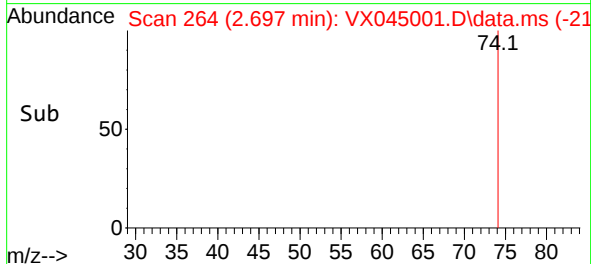
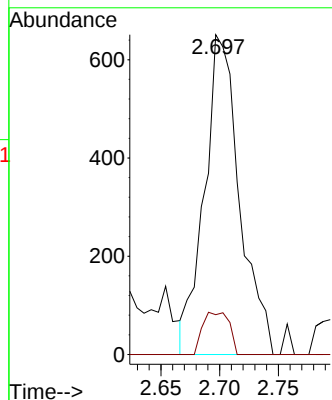
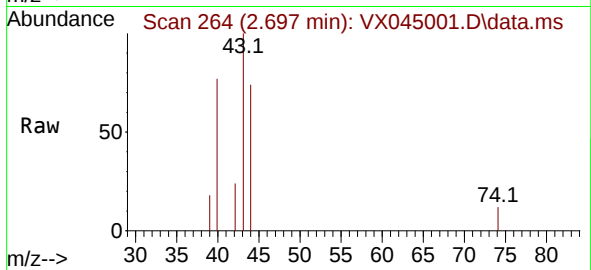




#18  
Methyl Acetate  
Concen: 0.862 ug/l  
RT: 2.697 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

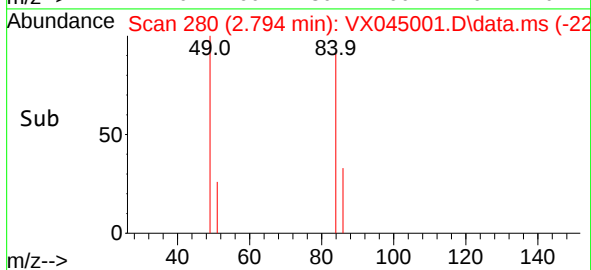
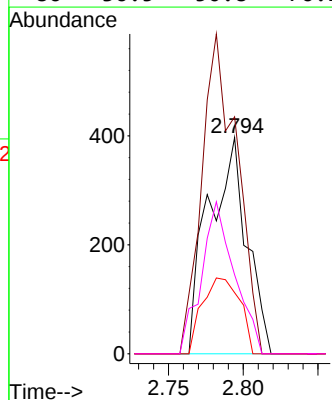
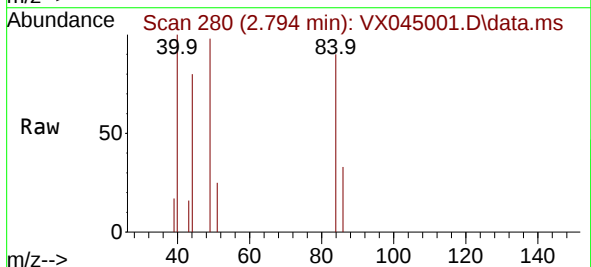
Instrument :  
MSVOA\_X  
ClientSampleId :

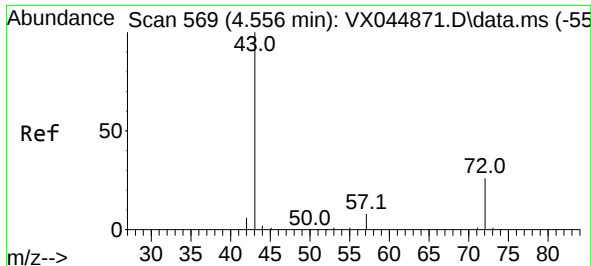
Tgt Ion: 43 Resp: 1356  
Ion Ratio Lower Upper  
43 100  
74 10.0 18.9 28.3#



#20  
Methylene Chloride  
Concen: 0.576 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.013 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Tgt Ion: 84 Resp: 703  
Ion Ratio Lower Upper  
84 100  
49 109.6 100.1 150.1  
51 28.2 31.7 47.5#  
86 36.5 50.8 76.2#

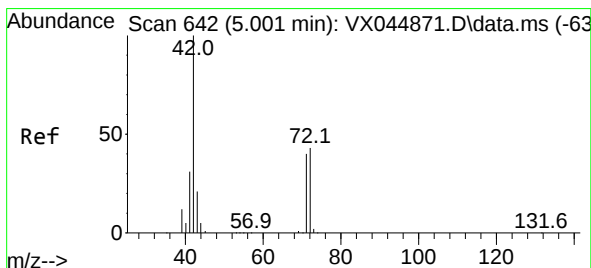
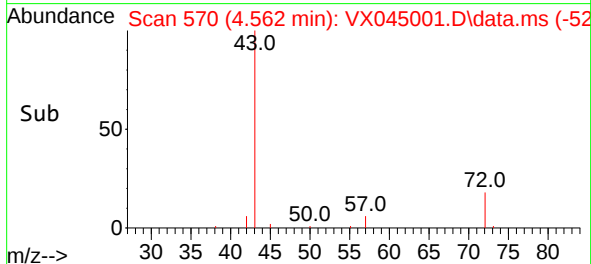
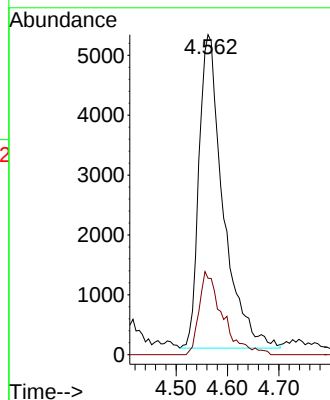
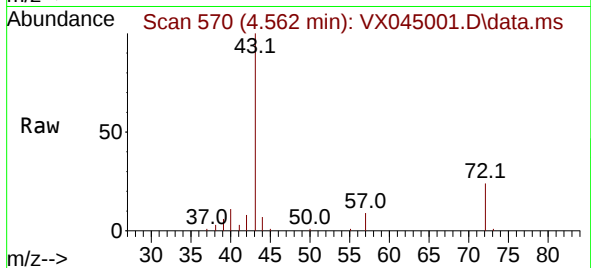




#25  
2-Butanone  
Concen: 21.154 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

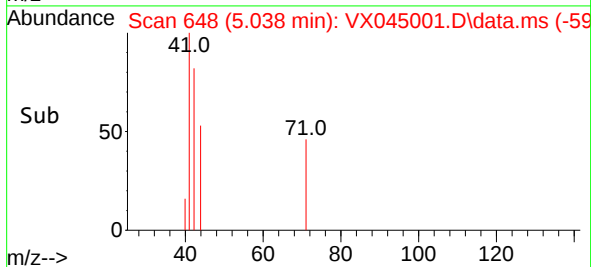
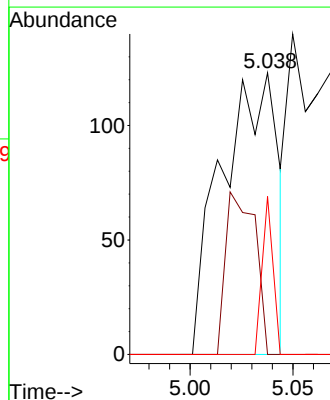
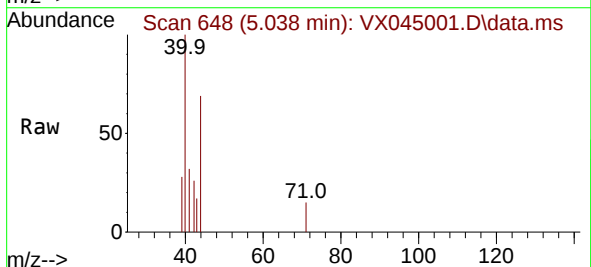
Instrument :  
MSVOA\_X  
ClientSampleId :

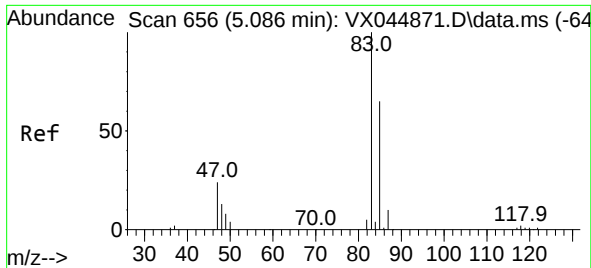
Tgt Ion: 43 Resp: 17126  
Ion Ratio Lower Upper  
43 100  
72 24.4 21.2 31.8



#29  
Tetrahydrofuran  
Concen: 0.437 ug/l  
RT: 5.038 min Scan# 648  
Delta R.T. 0.037 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Tgt Ion: 42 Resp: 235  
Ion Ratio Lower Upper  
42 100  
72 30.2 35.0 52.4#  
71 10.6 32.6 48.8#

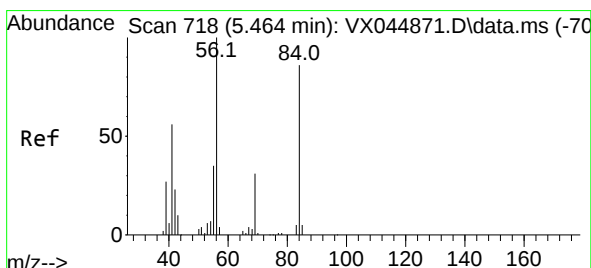
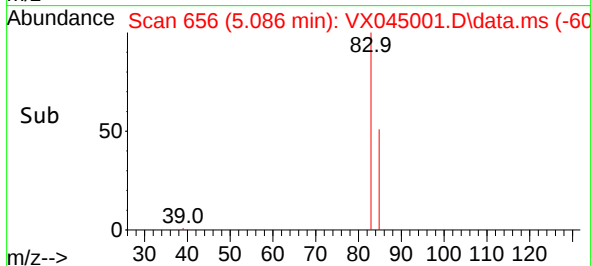
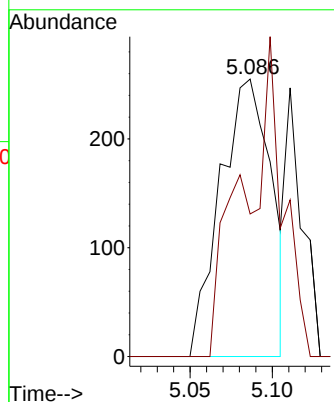
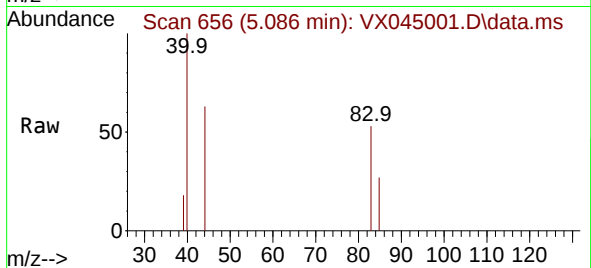




#30  
Chloroform  
Concen: 0.270 ug/l  
RT: 5.086 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

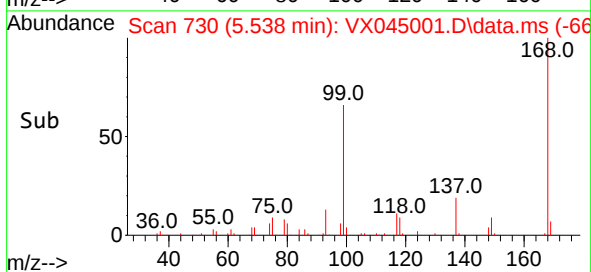
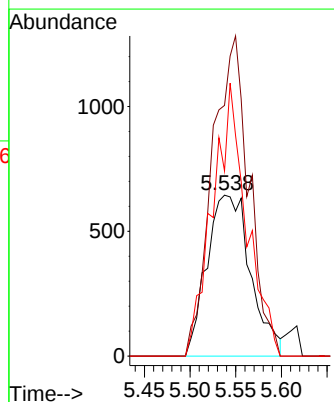
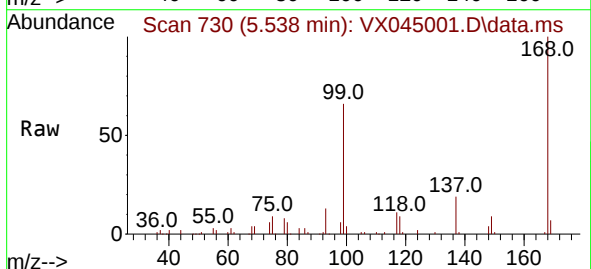
Instrument :  
MSVOA\_X  
ClientSampleId :

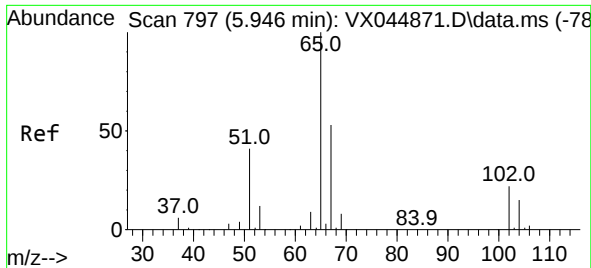
Tgt Ion: 83 Resp: 548  
Ion Ratio Lower Upper  
83 100  
85 51.4 52.1 78.1#



#31  
Cyclohexane  
Concen: 1.113 ug/l  
RT: 5.538 min Scan# 730  
Delta R.T. 0.074 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Tgt Ion: 56 Resp: 2144  
Ion Ratio Lower Upper  
56 100  
69 155.8 24.4 36.6#  
84 115.0 69.0 103.6#

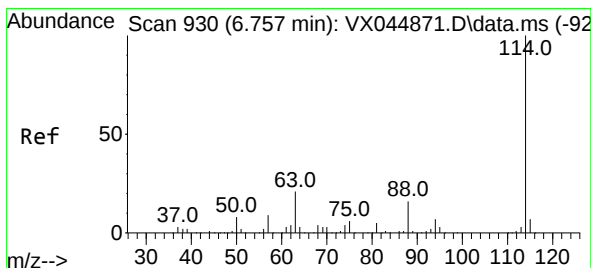
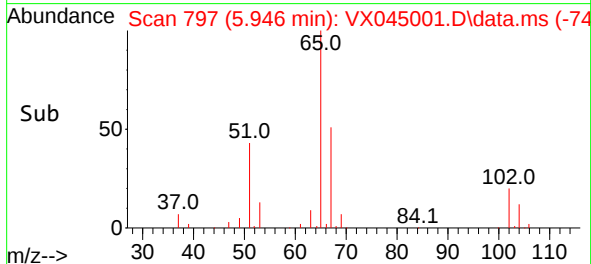
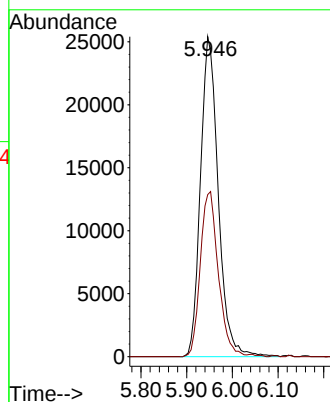
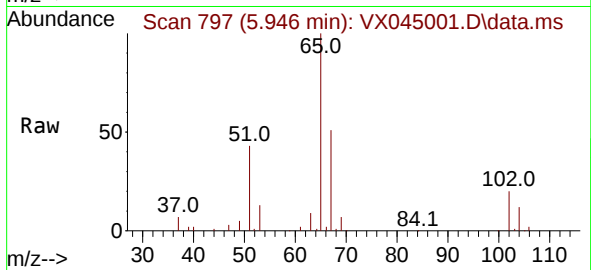




#33  
1,2-Dichloroethane-d4  
Concen: 55.255 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. 0.000 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

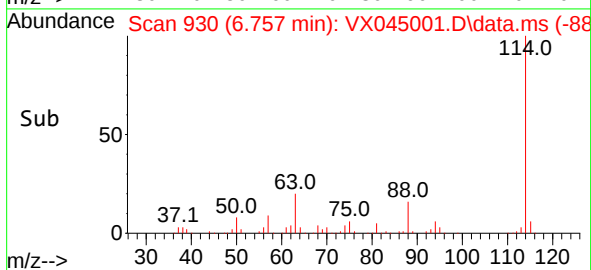
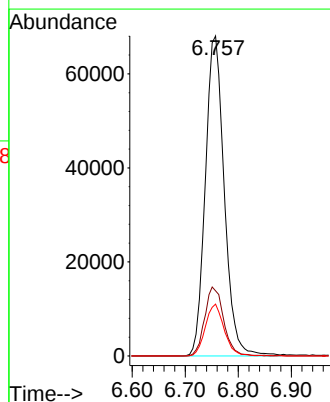
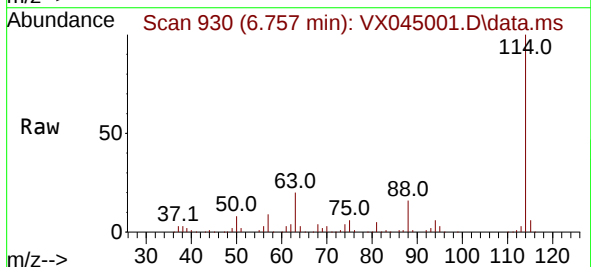
Instrument :  
MSVOA\_X  
ClientSampleId :

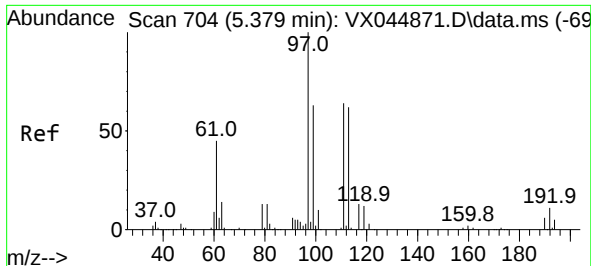
Tgt Ion: 65 Resp: 68527  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 108.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Tgt Ion: 114 Resp: 168885  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 42.4  
88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.617 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

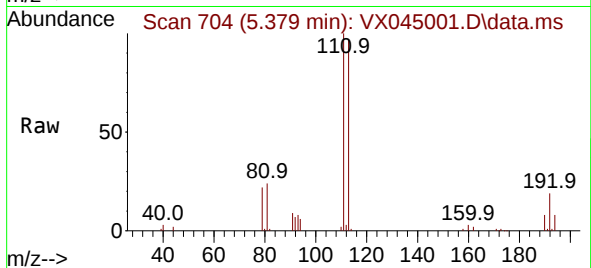
Lab File: VX045001.D

Acq: 19 Feb 2025 12:56

Instrument :

MSVOA\_X

ClientSampleId :



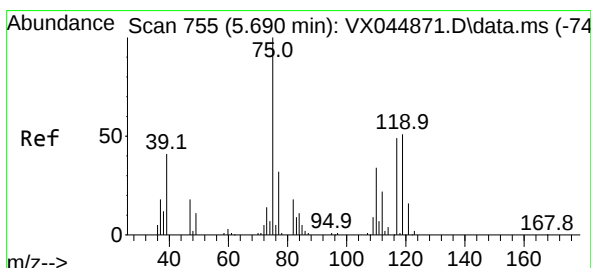
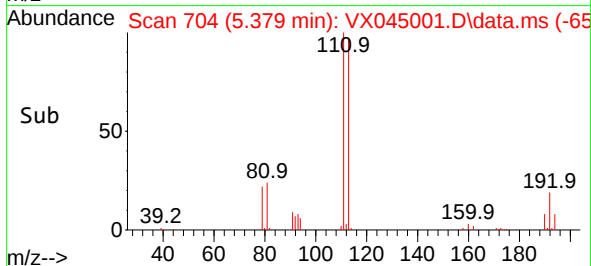
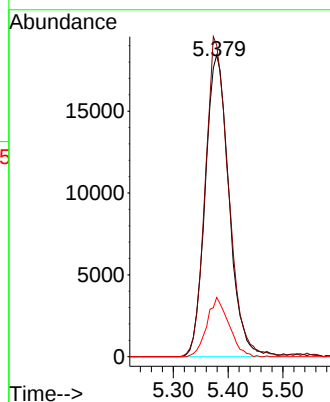
Tgt Ion:113 Resp: 55579

Ion Ratio Lower Upper

113 100

111 103.2 83.5 125.3

192 18.1 14.4 21.6



#36

1,1-Dichloropropene

Concen: 4.434 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX045001.D

Acq: 19 Feb 2025 12:56

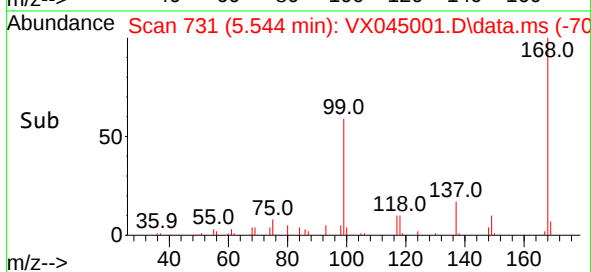
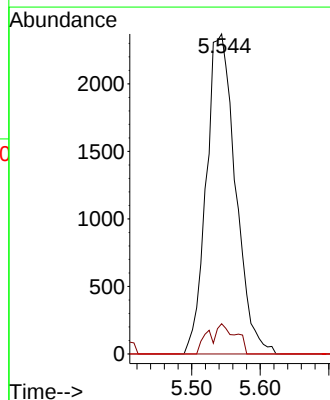
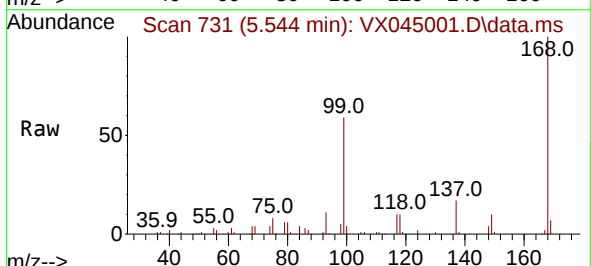
Tgt Ion: 75 Resp: 7024

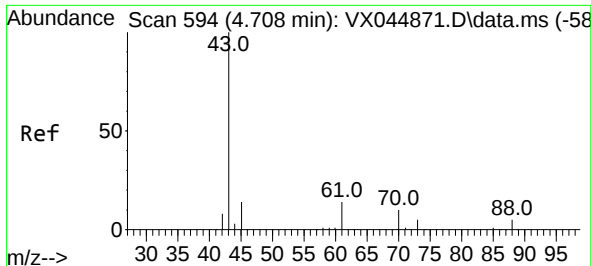
Ion Ratio Lower Upper

75 100

110 6.1 17.2 51.6#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 9.719 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.146 min

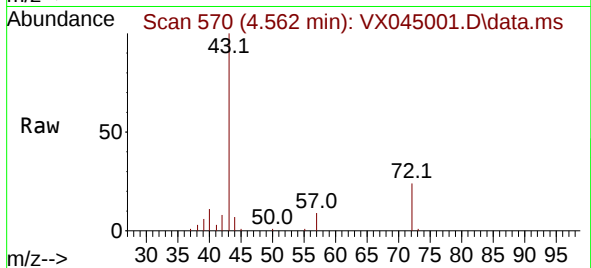
Lab File: VX045001.D

Acq: 19 Feb 2025 12:56

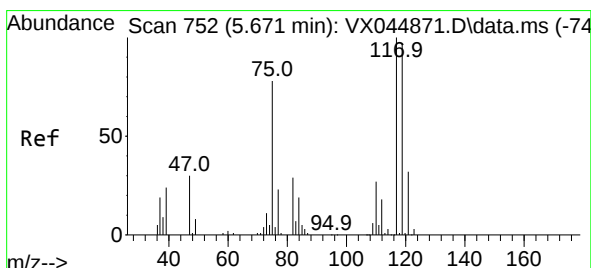
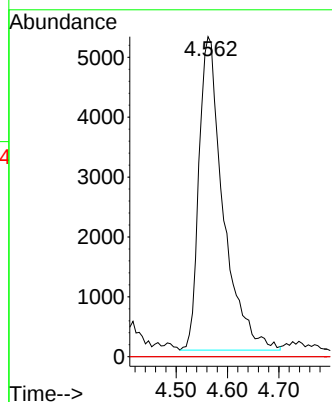
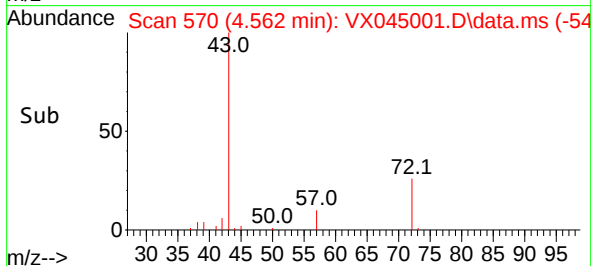
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 17126 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 11.0  | 16.4# |
| 70       | 0.0   | 8.2   | 12.2# |



#38

Carbon Tetrachloride

Concen: 5.690 ug/l

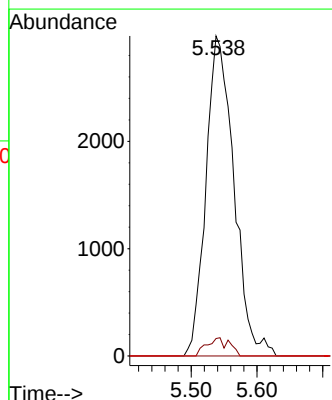
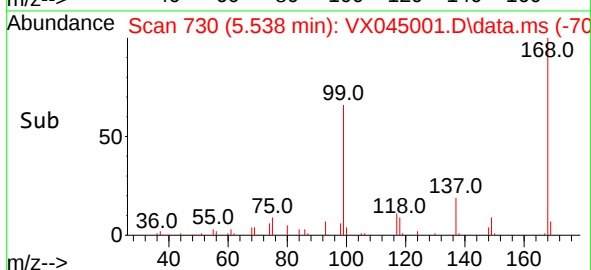
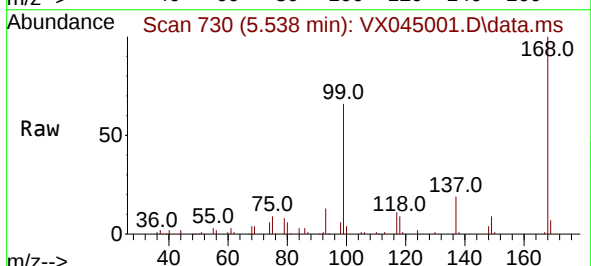
RT: 5.538 min Scan# 730

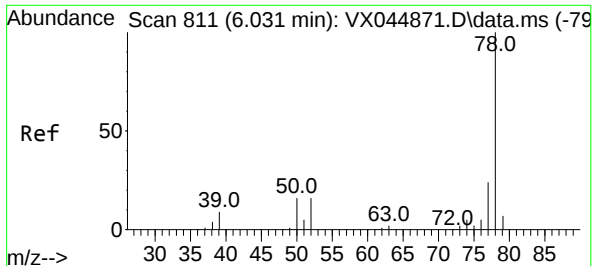
Delta R.T. -0.134 min

Lab File: VX045001.D

Acq: 19 Feb 2025 12:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 8833   |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 5.5   | 77.5  | 116.3# |
| 121      | 0.0   | 25.6  | 38.4#  |

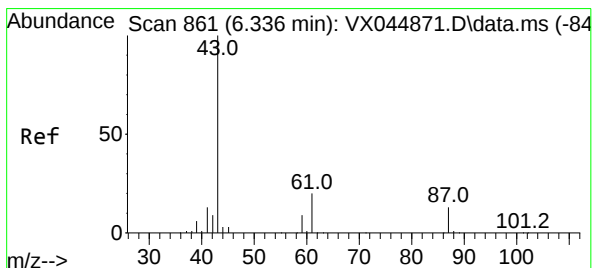
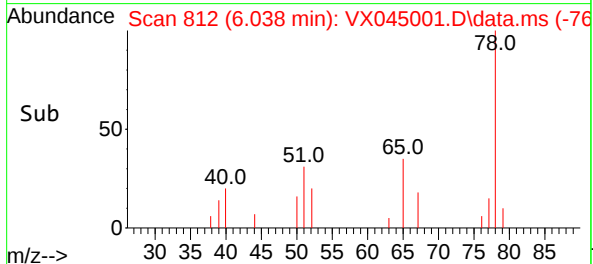
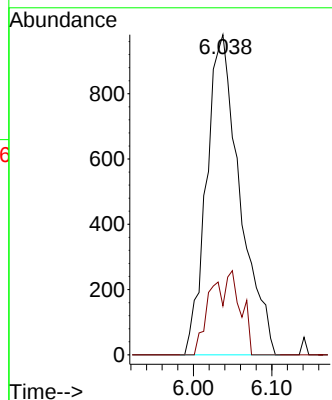
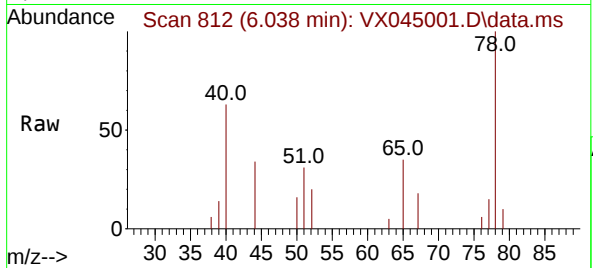




#40  
Benzene  
Concen: 0.588 ug/l  
RT: 6.038 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

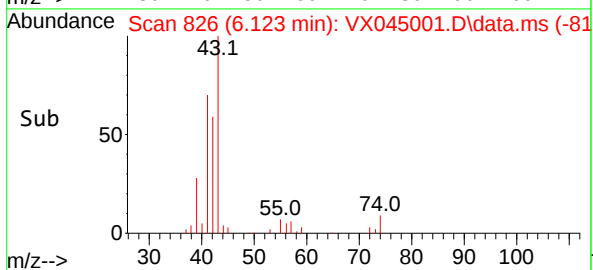
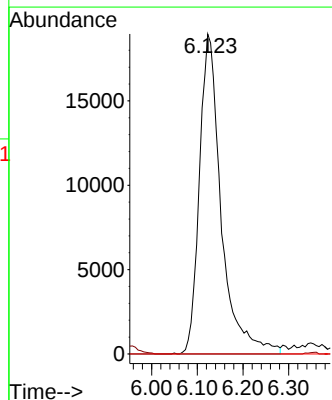
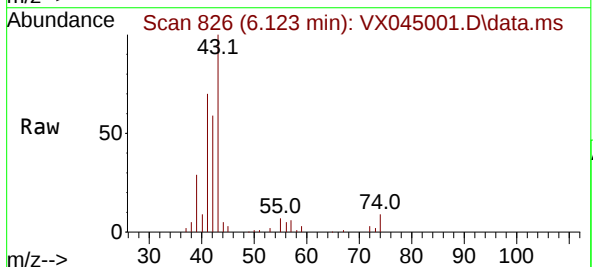
Instrument :  
MSVOA\_X  
ClientSampleId :

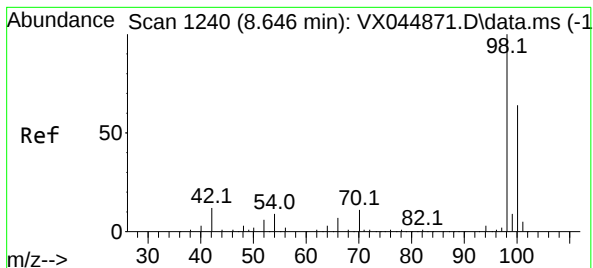
Tgt Ion: 78 Resp: 2909  
Ion Ratio Lower Upper  
78 100  
77 15.3 19.0 28.6#



#43  
Isopropyl Acetate  
Concen: 22.053 ug/l  
RT: 6.123 min Scan# 826  
Delta R.T. -0.213 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Tgt Ion: 43 Resp: 62750  
Ion Ratio Lower Upper  
43 100  
61 0.0 15.8 23.8#  
87 0.0 10.0 15.0#





#50

Toluene-d8

Concen: 37.067 ug/l

RT: 8.659 min Scan# 11

Delta R.T. 0.013 min

Lab File: VX045001.D

Acq: 19 Feb 2025 12:56

Instrument :

MSVOA\_X

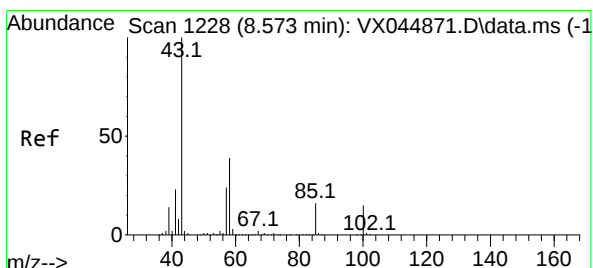
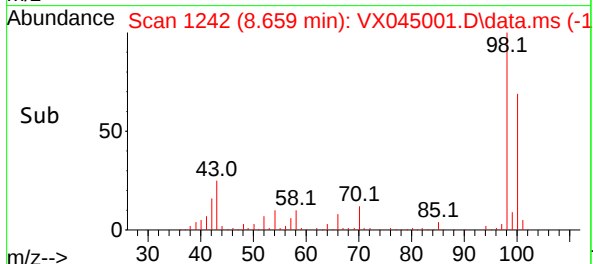
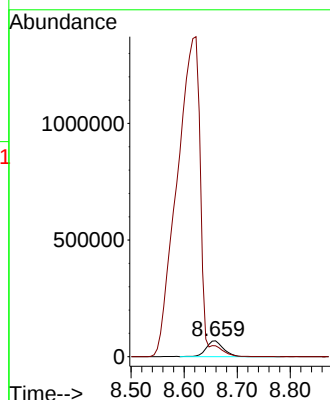
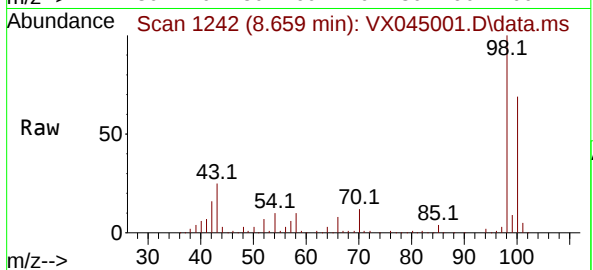
ClientSampleId :

Tgt Ion: 98 Resp: 153905

Ion Ratio Lower Upper

98 100

100 0.0 52.7 79.1#



#51

4-Methyl-2-Pentanone

Concen: 15095.383 ug/l

RT: 8.616 min Scan# 1235

Delta R.T. 0.043 min

Lab File: VX045001.D

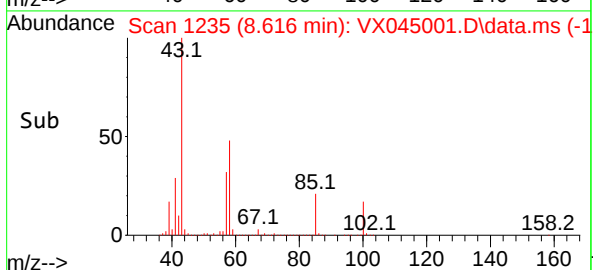
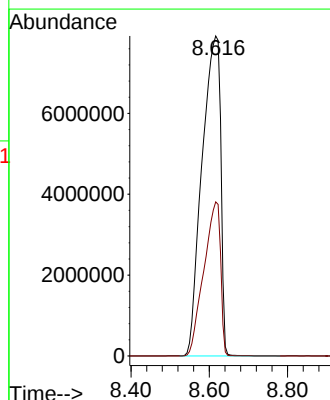
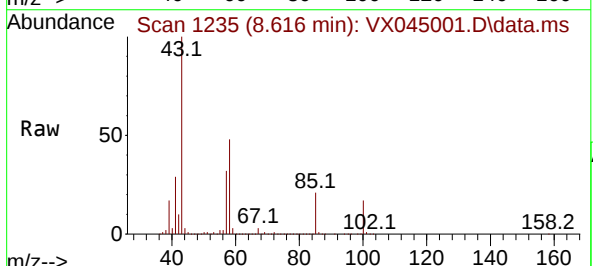
Acq: 19 Feb 2025 12:56

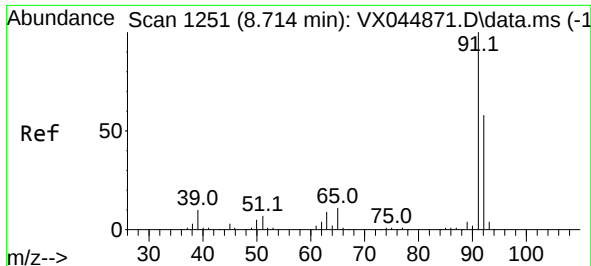
Tgt Ion: 43 Resp: 26112898

Ion Ratio Lower Upper

43 100

58 43.2 30.8 46.2





#52

Toluene

Concen: 18.528 ug/l

RT: 8.732 min Scan# 11

Delta R.T. 0.019 min

Lab File: VX045001.D

Acq: 19 Feb 2025 12:56

Instrument :

MSVOA\_X

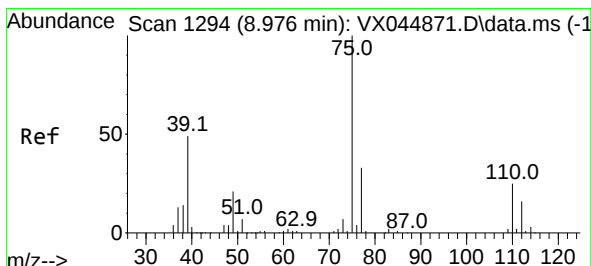
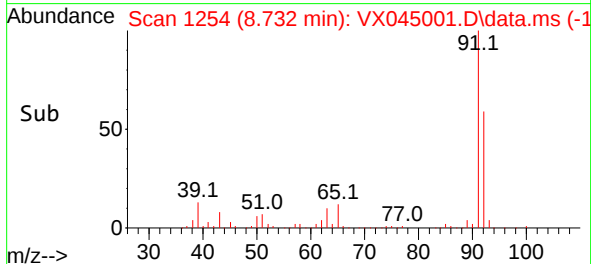
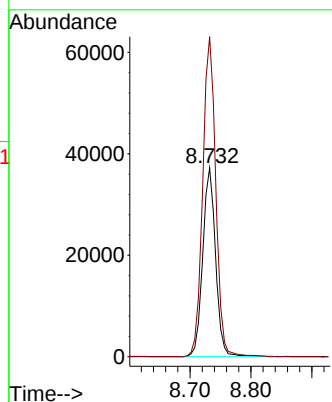
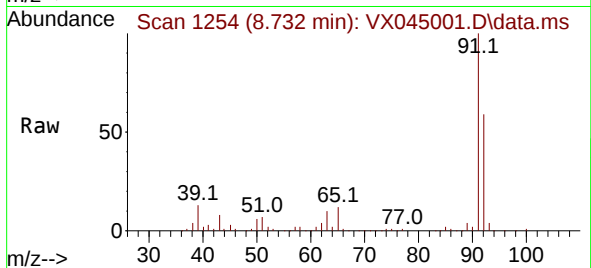
ClientSampleId :

Tgt Ion: 92 Resp: 54584

Ion Ratio Lower Upper

92 100

91 172.5 137.4 206.2



#53

t-1,3-Dichloropropene

Concen: 0.379 ug/l

RT: 8.732 min Scan# 1254

Delta R.T. -0.244 min

Lab File: VX045001.D

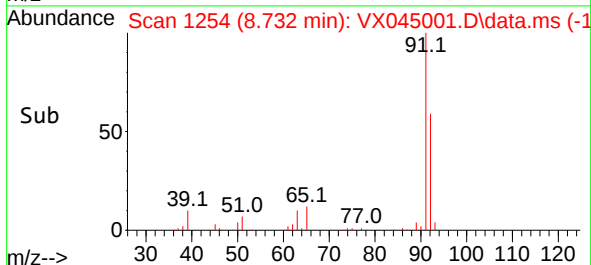
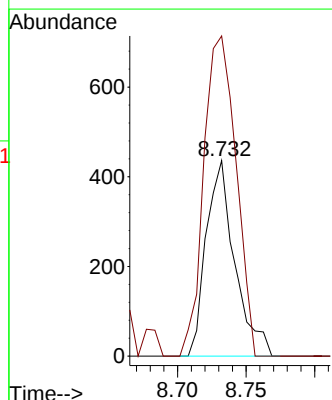
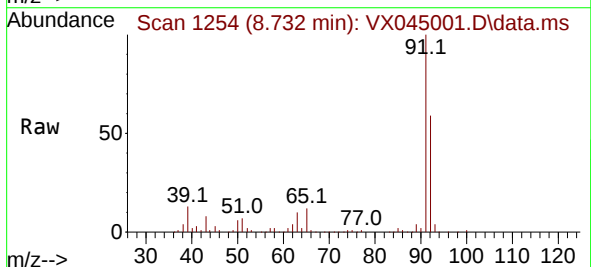
Acq: 19 Feb 2025 12:56

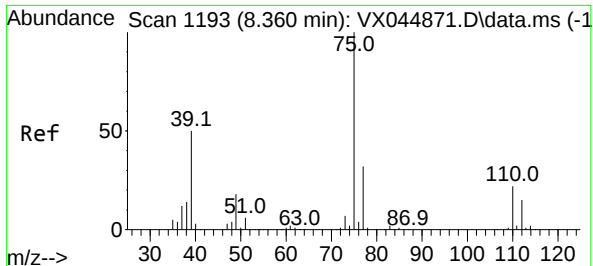
Tgt Ion: 75 Resp: 633

Ion Ratio Lower Upper

75 100

77 163.8 26.0 39.0#

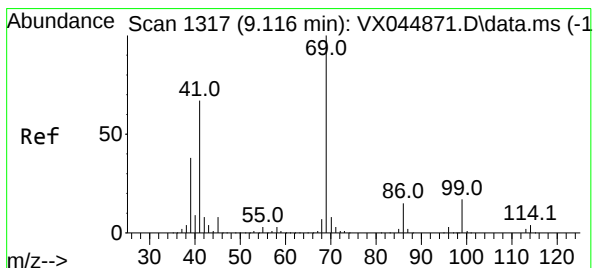
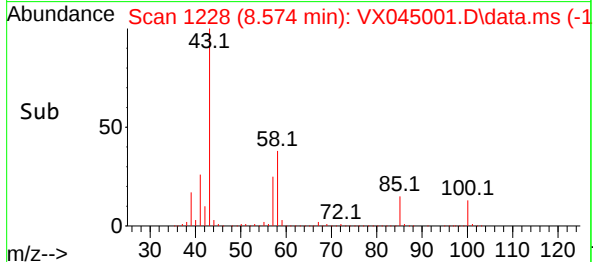
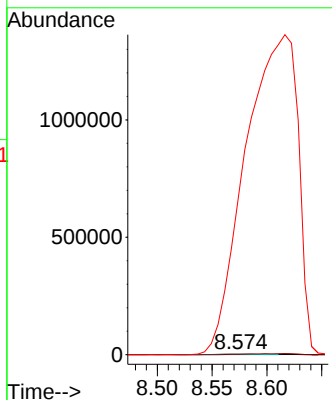
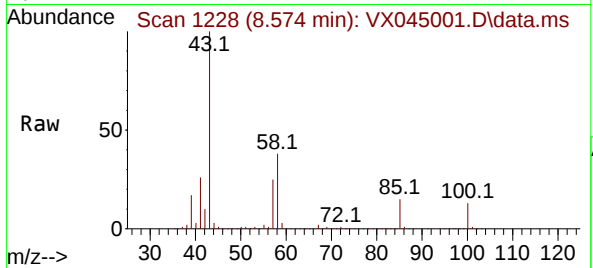




#54  
 cis-1,3-Dichloropropene  
 Concen: 3.251 ug/l  
 RT: 8.574 min Scan# 11  
 Delta R.T. 0.214 min  
 Lab File: VX045001.D  
 Acq: 19 Feb 2025 12:56

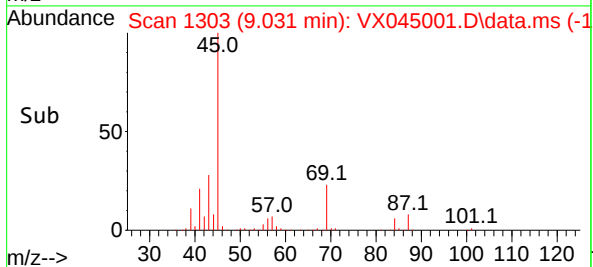
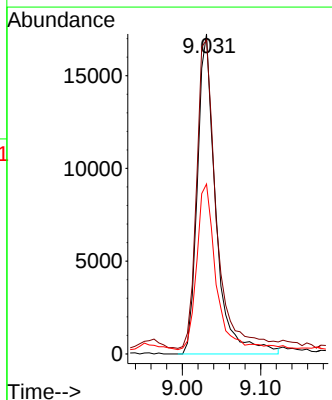
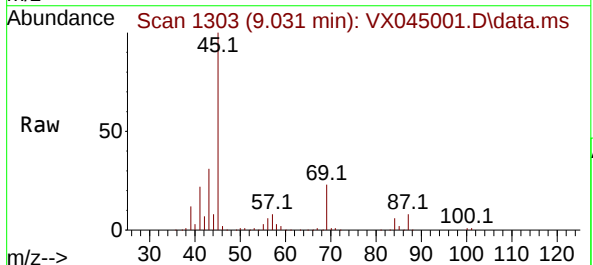
Instrument :  
 MSVOA\_X  
 ClientSampleId :

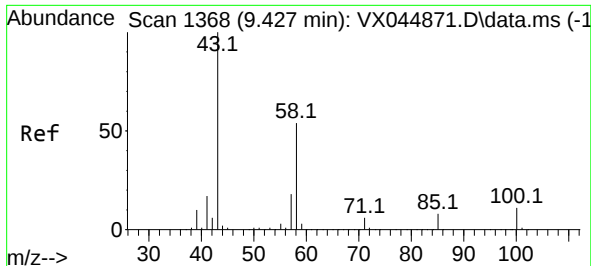
Tgt Ion: 75 Resp: 6061  
 Ion Ratio Lower Upper  
 75 100  
 77 76.7 25.3 37.9#  
 39 29698.2 40.0 60.0#



#56  
 Ethyl methacrylate  
 Concen: 15.448 ug/l  
 RT: 9.031 min Scan# 1303  
 Delta R.T. -0.085 min  
 Lab File: VX045001.D  
 Acq: 19 Feb 2025 12:56

Tgt Ion: 69 Resp: 28256  
 Ion Ratio Lower Upper  
 69 100  
 41 102.9 55.2 82.8#  
 39 54.9 30.8 46.2#





#59

2-Hexanone

Concen: 6.029 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.013 min

Lab File: VX045001.D

Acq: 19 Feb 2025 12:56

Instrument :

MSVOA\_X

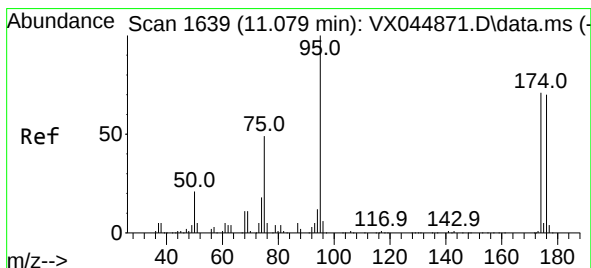
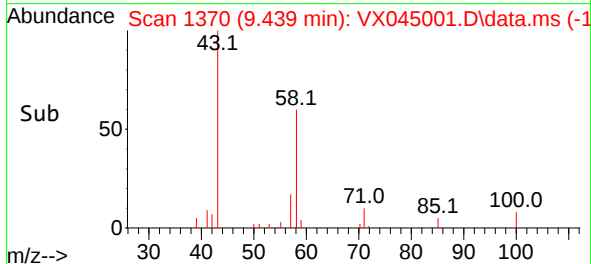
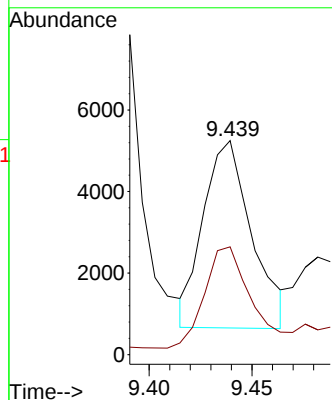
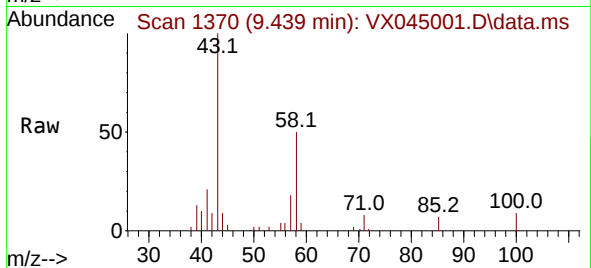
ClientSampleId :

Tgt Ion: 43 Resp: 7514

Ion Ratio Lower Upper

43 100

58 53.6 27.5 82.4



#62

4-Bromofluorobenzene

Concen: 49.580 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045001.D

Acq: 19 Feb 2025 12:56

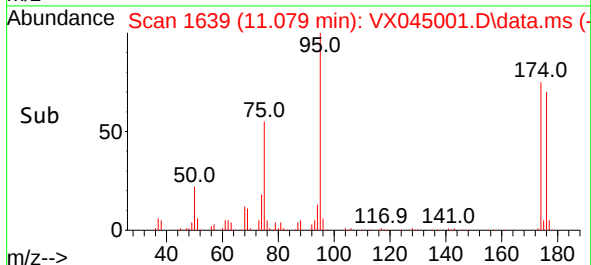
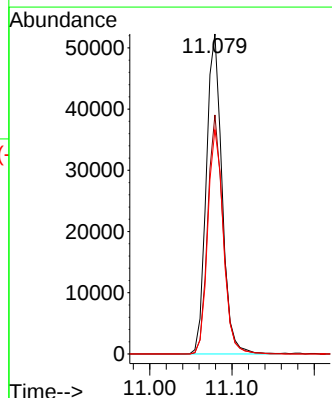
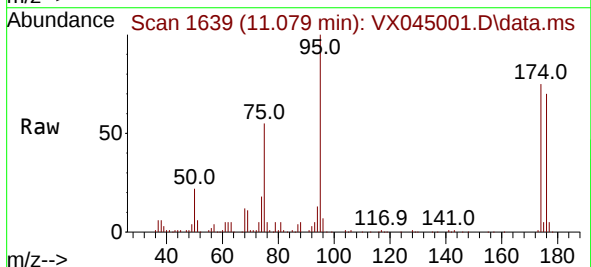
Tgt Ion: 95 Resp: 69400

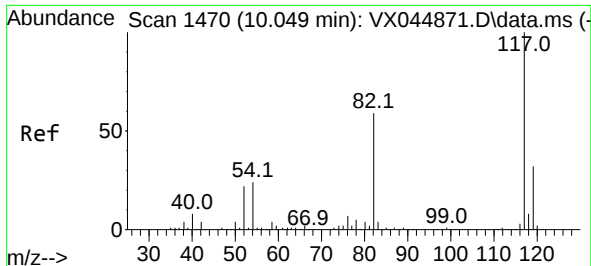
Ion Ratio Lower Upper

95 100

174 72.7 0.0 142.6

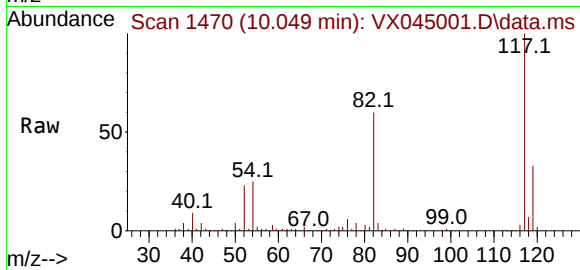
176 69.4 0.0 141.6



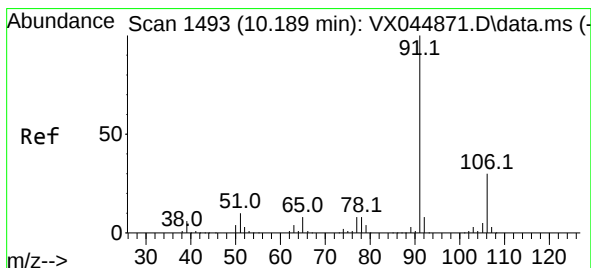
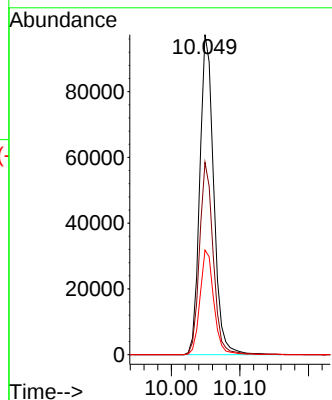
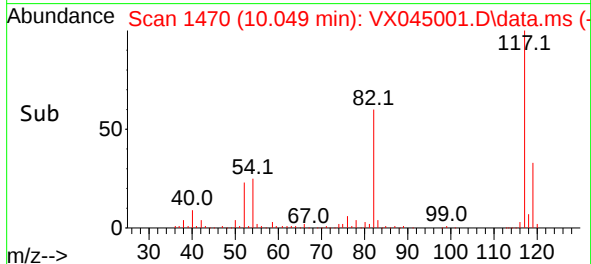


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Instrument :  
MSVOA\_X  
ClientSampleId :

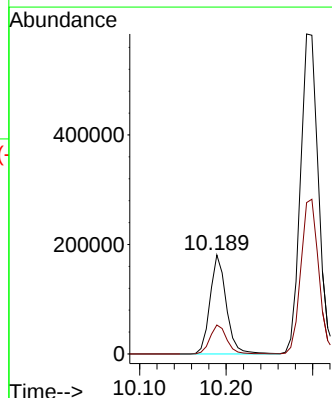
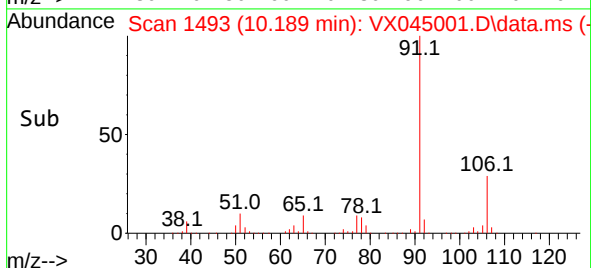
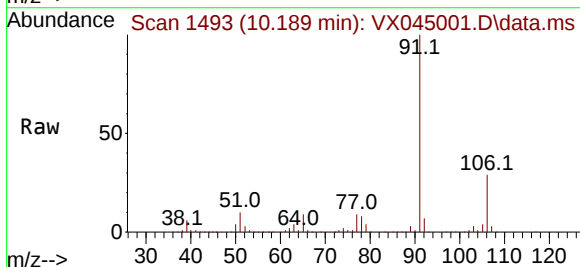


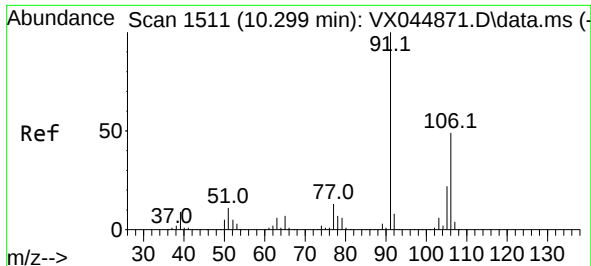
Tgt Ion:117 Resp: 137956  
Ion Ratio Lower Upper  
117 100  
82 60.1 47.5 71.3  
119 32.7 25.4 38.0



#67  
Ethyl Benzene  
Concen: 45.057 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Tgt Ion: 91 Resp: 235600  
Ion Ratio Lower Upper  
91 100  
106 29.3 23.9 35.9

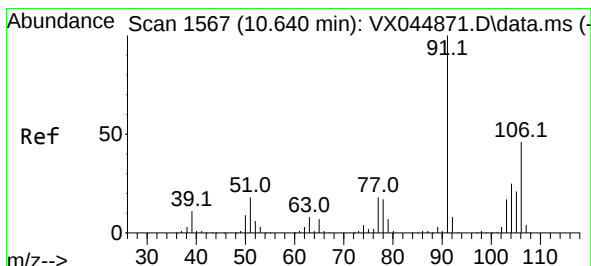
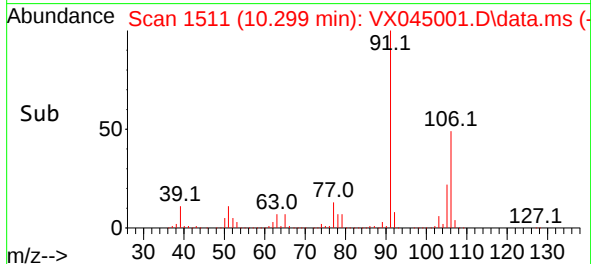
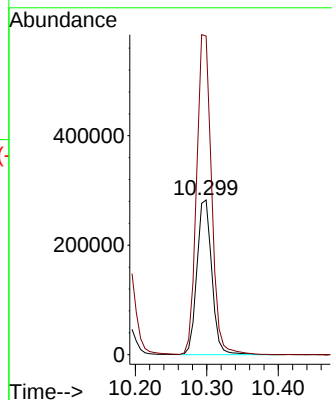
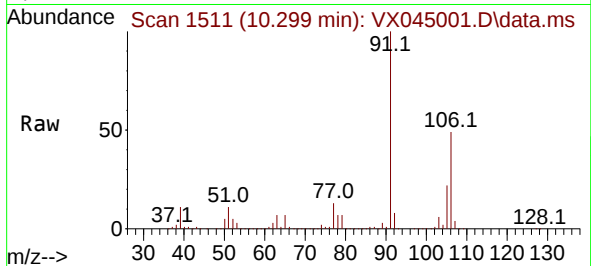




#68  
m/p-Xylenes  
Concen: 211.569 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

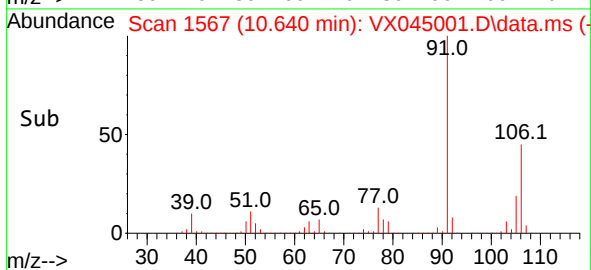
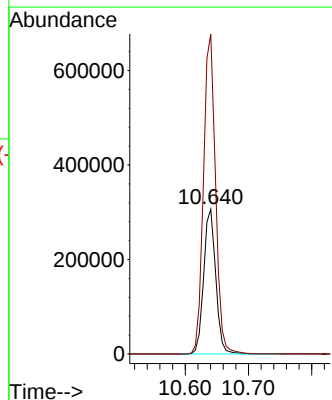
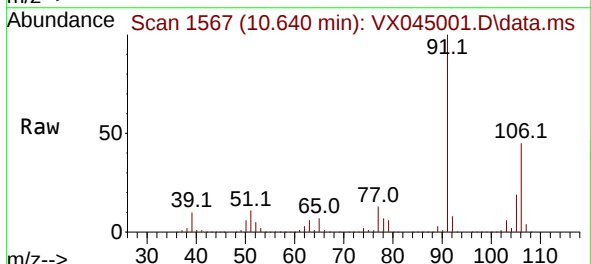
Instrument :  
MSVOA\_X  
ClientSampleId :

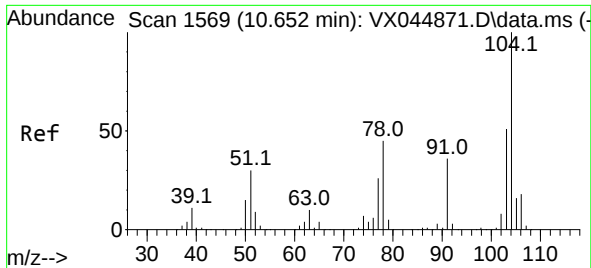
Tgt Ion:106 Resp: 408089  
Ion Ratio Lower Upper  
106 100  
91 207.8 164.3 246.5



#69  
o-Xylene  
Concen: 210.393 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

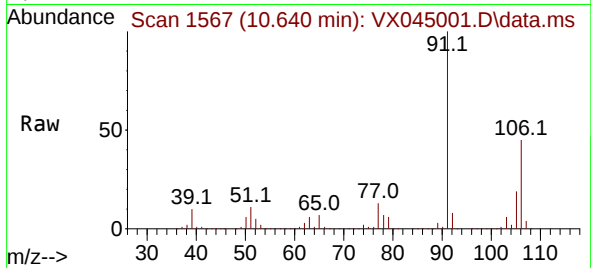
Tgt Ion:106 Resp: 407206  
Ion Ratio Lower Upper  
106 100  
91 221.2 108.5 325.5



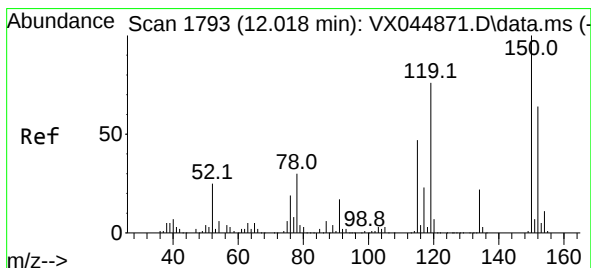
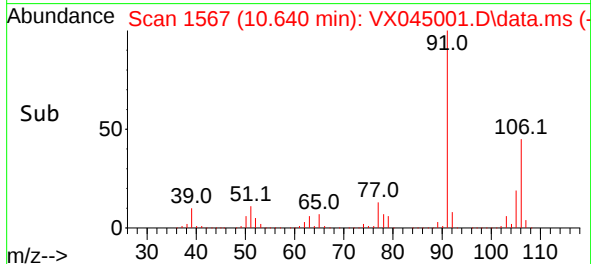
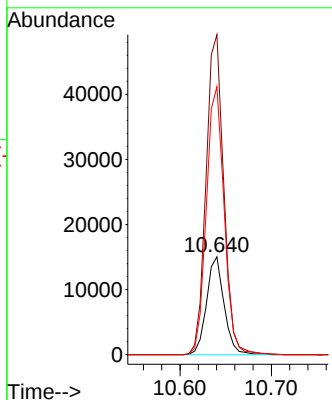


#70  
Styrene  
Concen: 6.422 ug/l  
RT: 10.640 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Instrument :  
MSVOA\_X  
ClientSampleId :

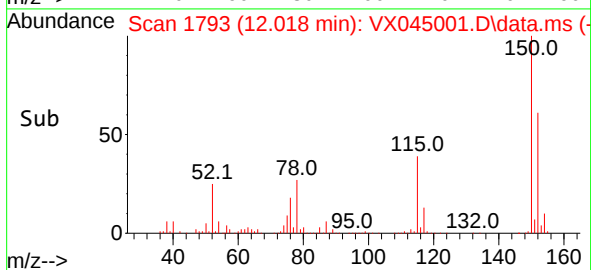
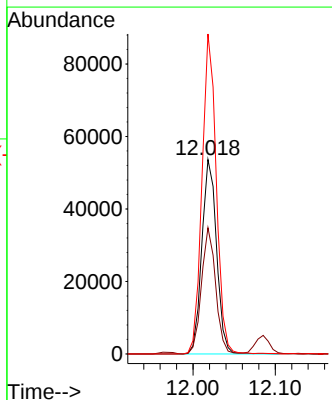
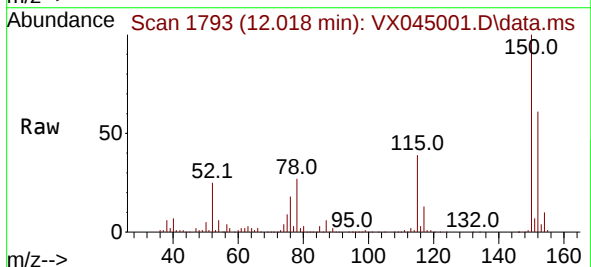


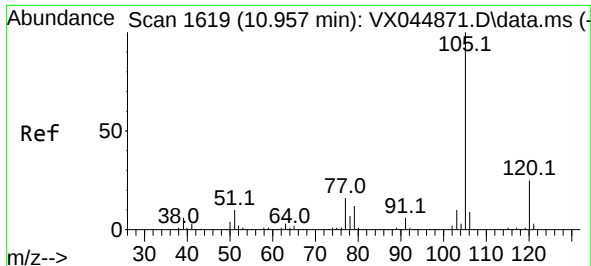
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 329.0 | 40.5  | 60.7# |
| 103     | 278.0 | 43.6  | 65.4# |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.4  | 43.4  | 130.1 |
| 150     | 159.1 | 0.0   | 350.4 |

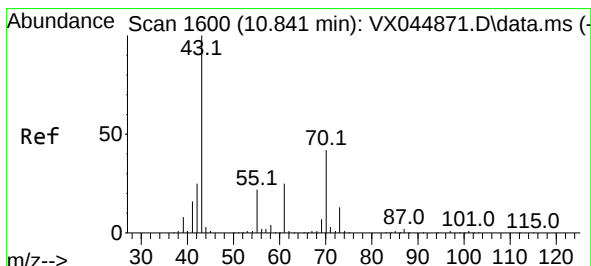
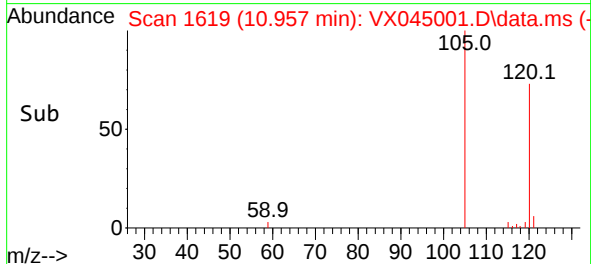
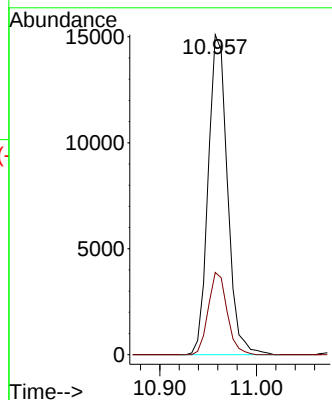
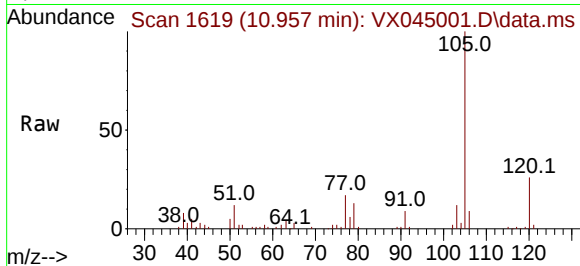




#73  
Isopropylbenzene  
Concen: 3.888 ug/l  
RT: 10.957 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

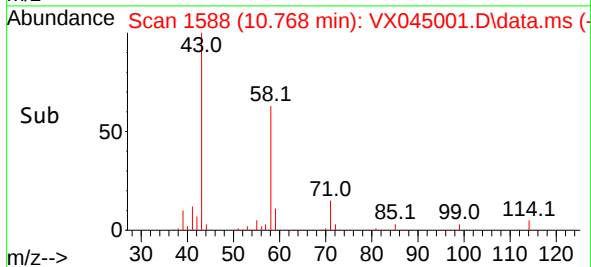
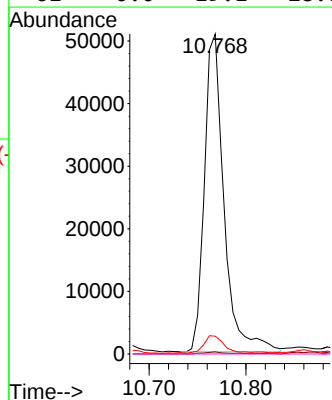
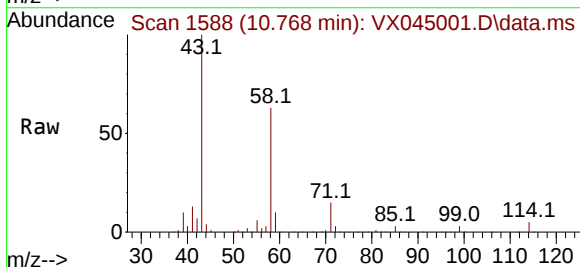
Instrument :  
MSVOA\_X  
ClientSampleId :

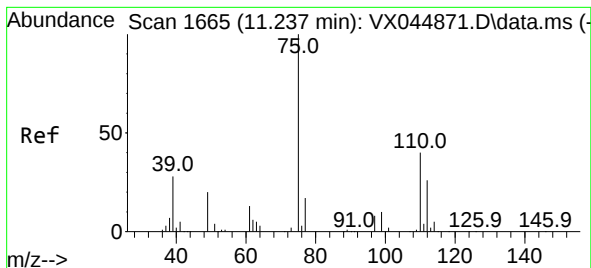
Tgt Ion:105 Resp: 20927  
Ion Ratio Lower Upper  
105 100  
120 25.1 13.2 39.5



#74  
N-ethyl acetate  
Concen: 29.427 ug/l  
RT: 10.768 min Scan# 1588  
Delta R.T. -0.073 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Tgt Ion: 43 Resp: 71668  
Ion Ratio Lower Upper  
43 100  
70 0.8 33.7 50.5#  
55 6.3 18.6 27.8#  
61 0.0 19.1 28.7#





#76

1,2,3-Trichloropropane

Concen: 1.206 ug/l

RT: 11.372 min Scan# 1

Delta R.T. 0.134 min

Lab File: VX045001.D

Acq: 19 Feb 2025 12:56

Instrument :

MSVOA\_X

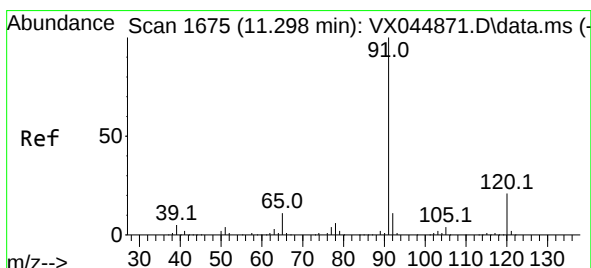
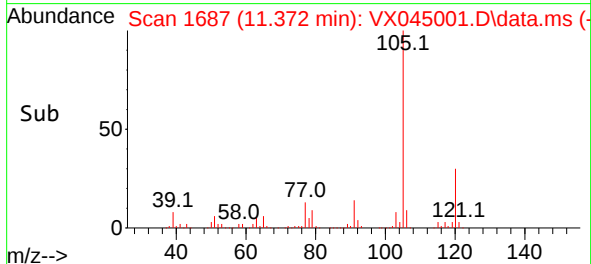
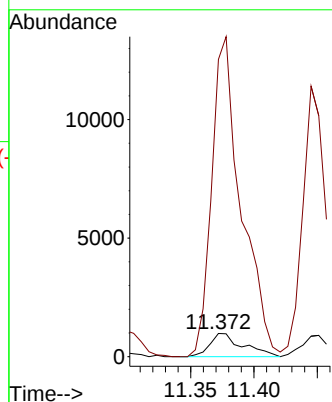
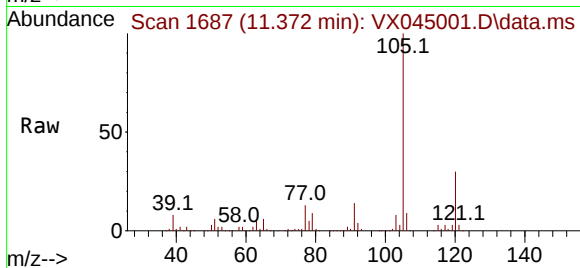
ClientSampleId :

Tgt Ion: 75 Resp: 1788

Ion Ratio Lower Upper

75 100

77 1223.5 21.9 65.7#



#78

n-propylbenzene

Concen: 5.195 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX045001.D

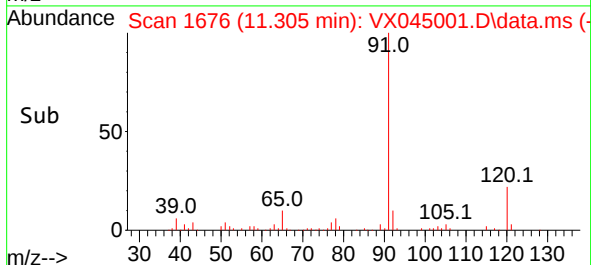
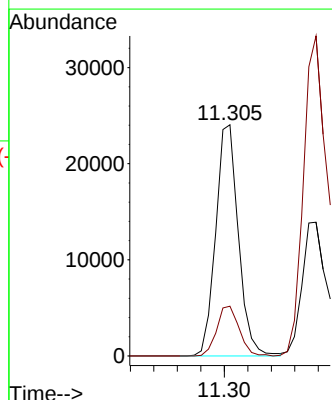
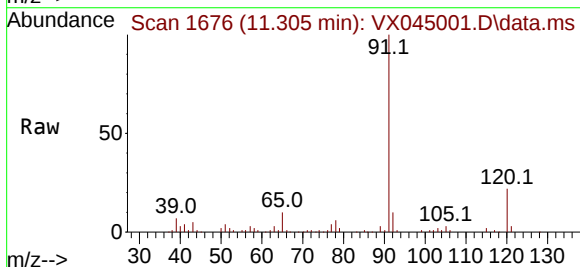
Acq: 19 Feb 2025 12:56

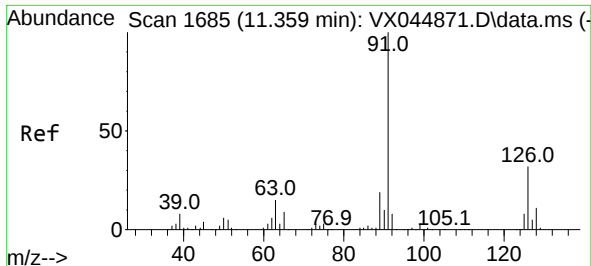
Tgt Ion: 91 Resp: 32273

Ion Ratio Lower Upper

91 100

120 21.3 11.1 33.3

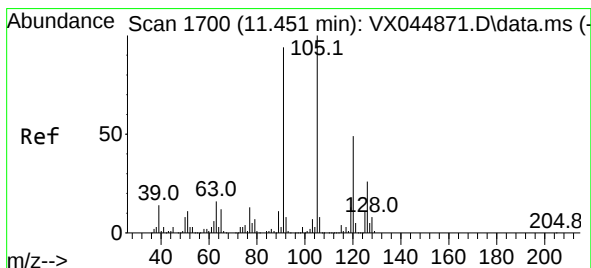
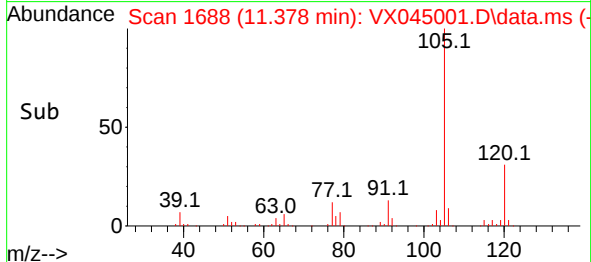
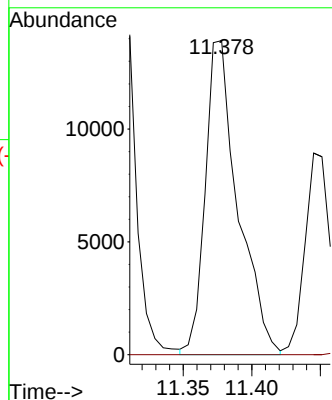
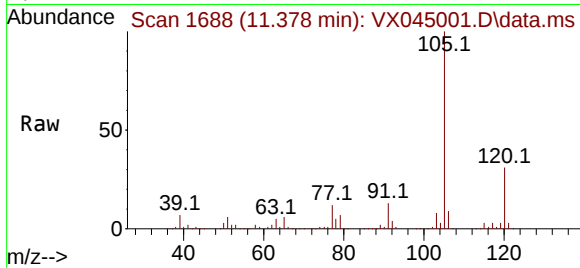




#79  
2-Chlorotoluene  
Concen: 6.038 ug/l  
RT: 11.378 min Scan# 11  
Delta R.T. 0.019 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

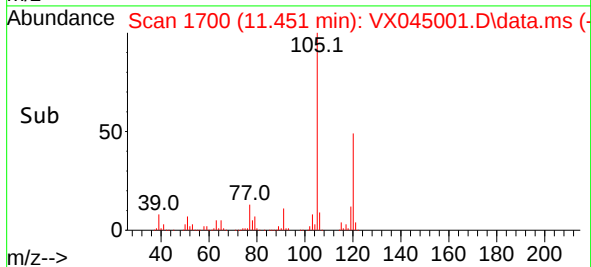
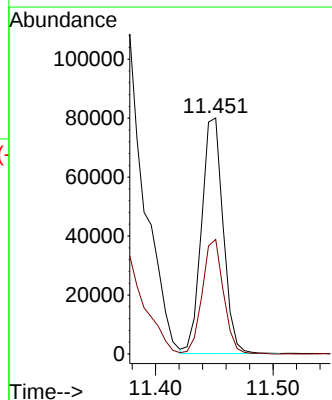
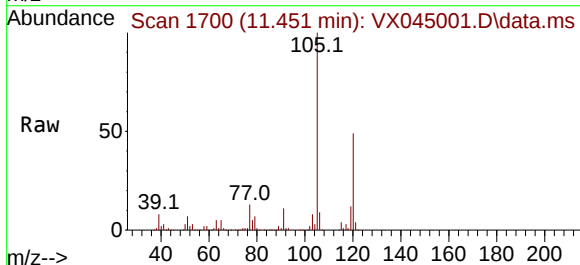
Instrument :  
MSVOA\_X  
ClientSampleId :

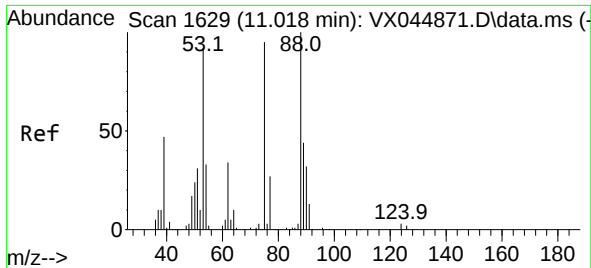
Tgt Ion: 91 Resp: 23054  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.2 48.6#



#80  
1,3,5-Trimethylbenzene  
Concen: 23.389 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Tgt Ion: 105 Resp: 102151  
Ion Ratio Lower Upper  
105 100  
120 47.8 24.0 72.0

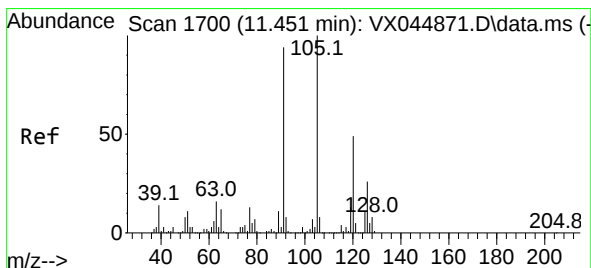
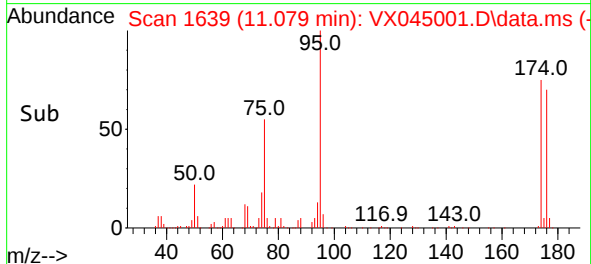
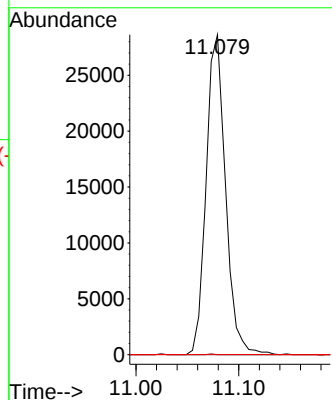
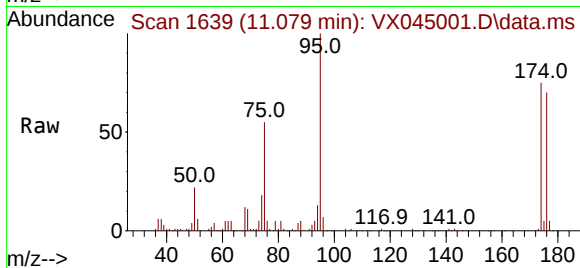




#81  
trans-1,4-Dichloro-2-butene  
Concen: 65.086 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

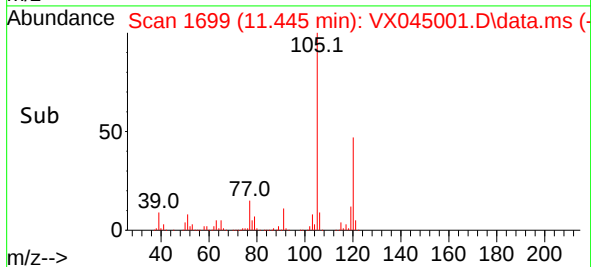
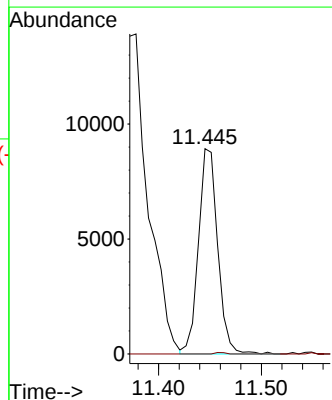
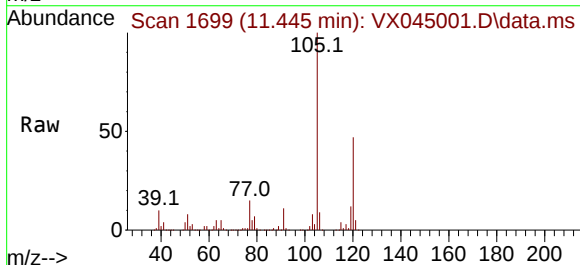
Instrument :  
MSVOA\_X  
ClientSampleId :

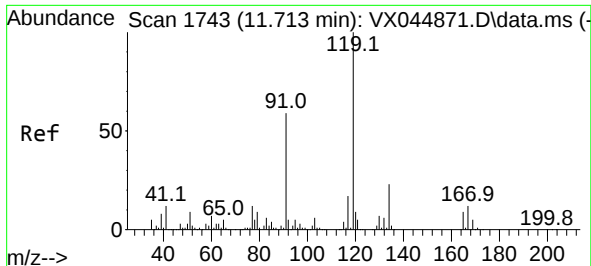
Tgt Ion: 75 Resp: 37497  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 36.6 54.8#



#82  
4-Chlorotoluene  
Concen: 2.755 ug/l  
RT: 11.445 min Scan# 1699  
Delta R.T. -0.006 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Tgt Ion: 91 Resp: 11635  
Ion Ratio Lower Upper  
91 100  
126 0.4 14.2 42.6#

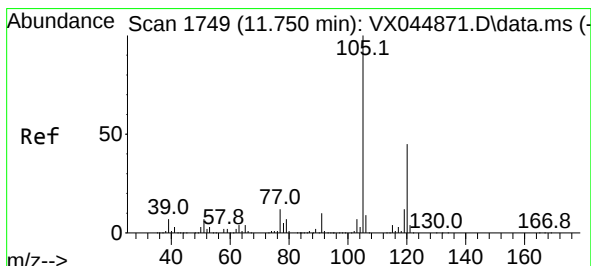
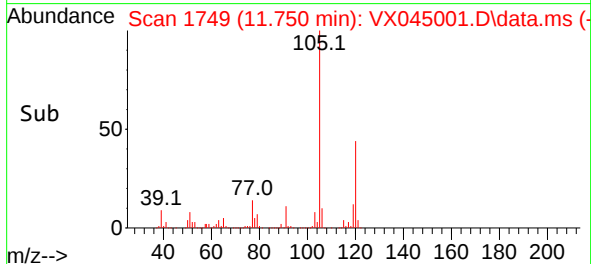
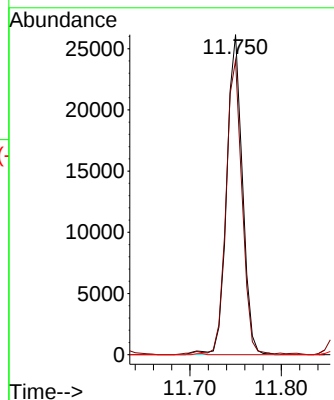
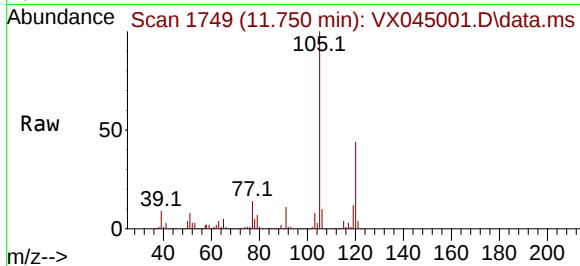




#83  
tert-Butylbenzene  
Concen: 7.080 ug/l  
RT: 11.750 min Scan# 11  
Delta R.T. 0.037 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

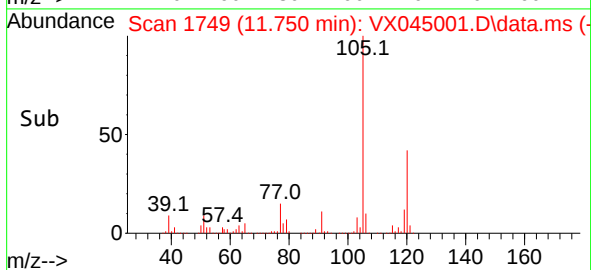
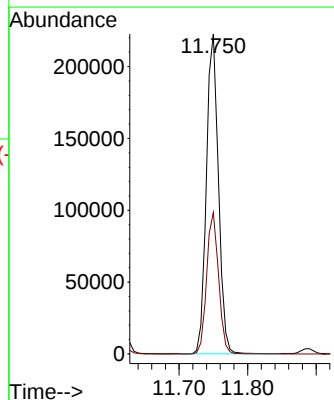
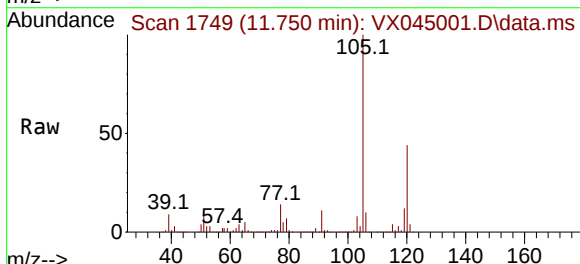
Instrument :  
MSVOA\_X  
ClientSampleId :

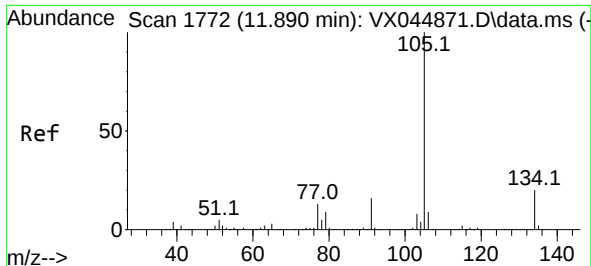
Tgt Ion:119 Resp: 31281  
Ion Ratio Lower Upper  
119 100  
91 94.4 29.1 87.4#  
134 0.0 11.5 34.5#



#84  
1,2,4-Trimethylbenzene  
Concen: 63.319 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

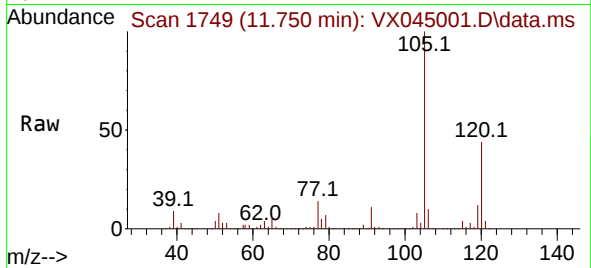
Tgt Ion:105 Resp: 272949  
Ion Ratio Lower Upper  
105 100  
120 43.7 22.4 67.0



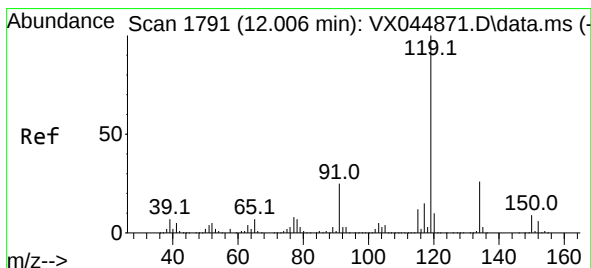
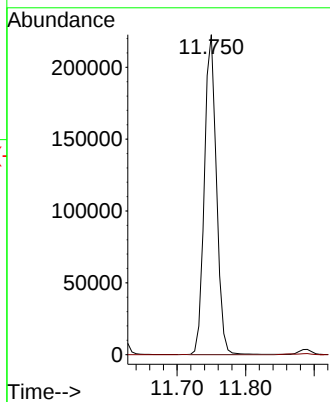
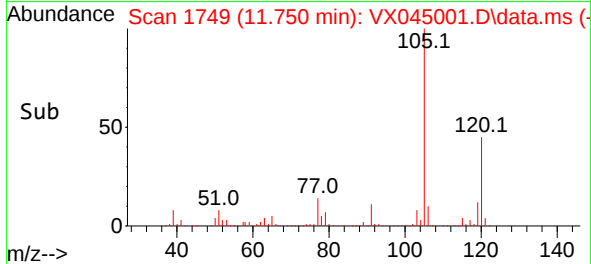


#85  
sec-Butylbenzene  
Concen: 49.888 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.140 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

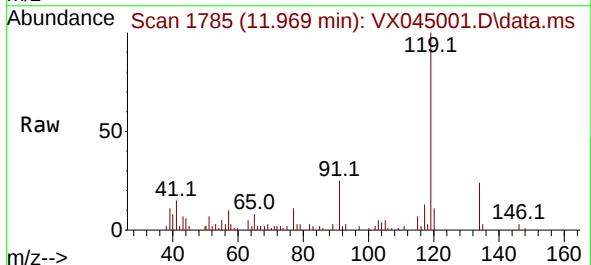
Instrument :  
MSVOA\_X  
ClientSampleId :



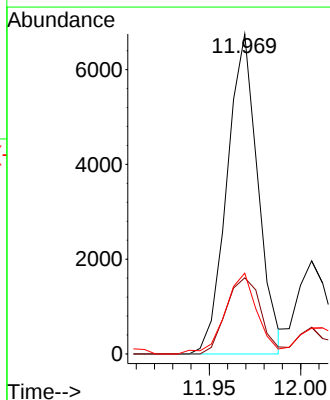
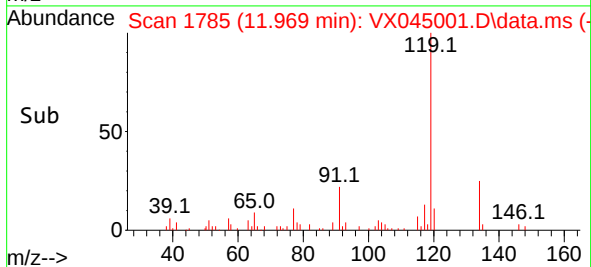
Tgt Ion:105 Resp: 272949  
Ion Ratio Lower Upper  
105 100  
134 0.0 9.8 29.3#

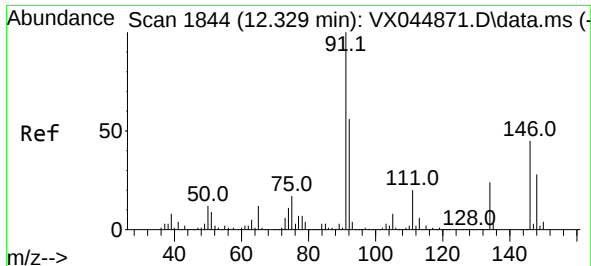


#86  
p-Isopropyltoluene  
Concen: 1.806 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.036 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56



Tgt Ion:119 Resp: 7944  
Ion Ratio Lower Upper  
119 100  
134 27.3 13.0 38.9  
91 26.0 12.1 36.3

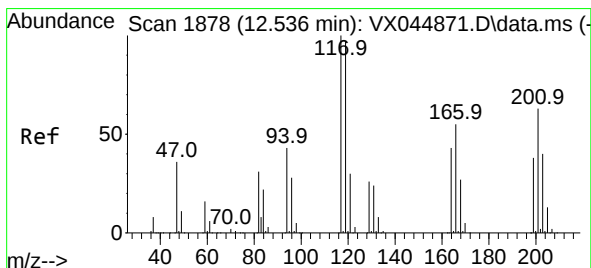
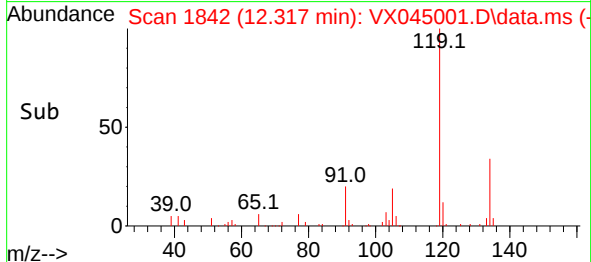
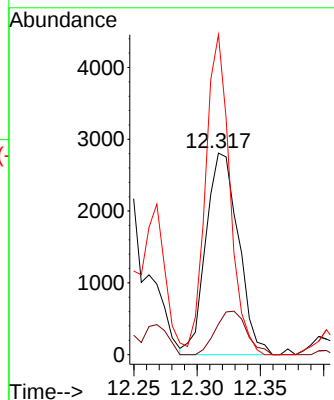
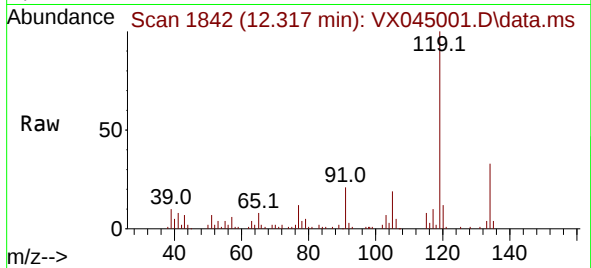




#89  
n-Butylbenzene  
Concen: 1.292 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. -0.012 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

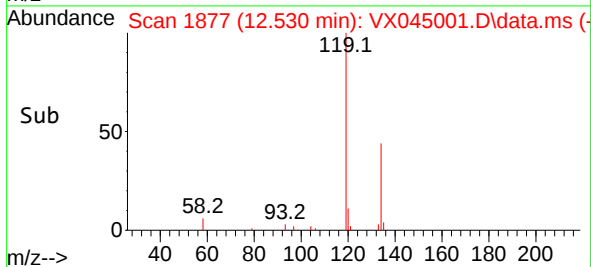
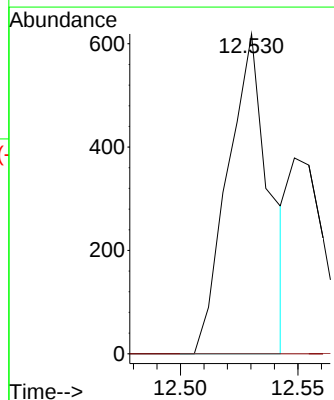
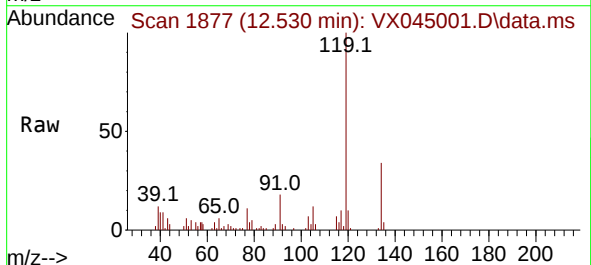
Instrument :  
MSVOA\_X  
ClientSampleId :

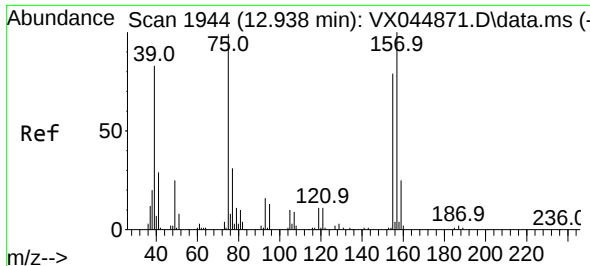
Tgt Ion: 91 Resp: 5030  
Ion Ratio Lower Upper  
91 100  
92 20.6 27.2 81.6#  
134 118.0 12.1 36.3#



#90  
Hexachloroethane  
Concen: 0.921 ug/l  
RT: 12.530 min Scan# 1877  
Delta R.T. -0.006 min  
Lab File: VX045001.D  
Acq: 19 Feb 2025 12:56

Tgt Ion: 117 Resp: 759  
Ion Ratio Lower Upper  
117 100  
201 0.0 32.5 97.5#

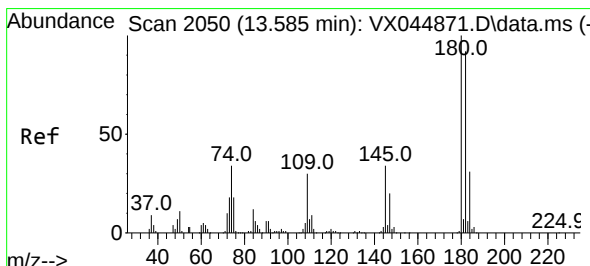
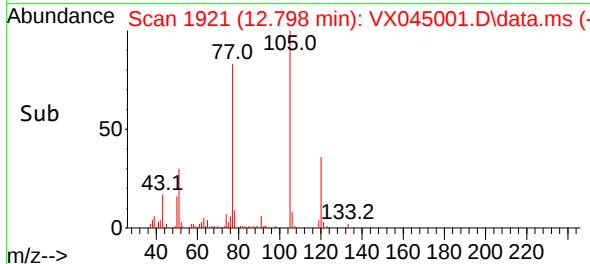
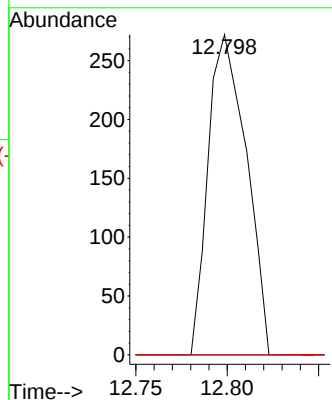
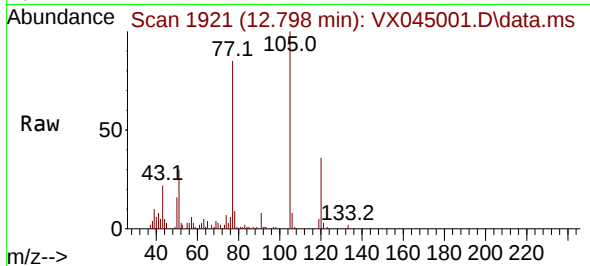




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.173 ug/l  
 RT: 12.798 min Scan# 1944  
 Delta R.T. -0.140 min  
 Lab File: VX045001.D  
 Acq: 19 Feb 2025 12:56

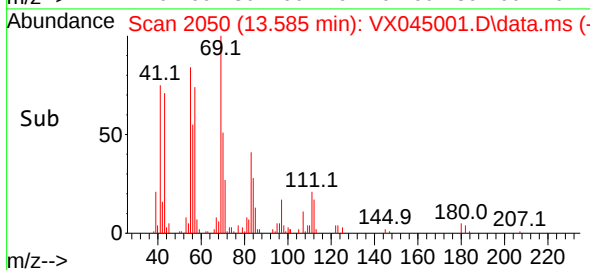
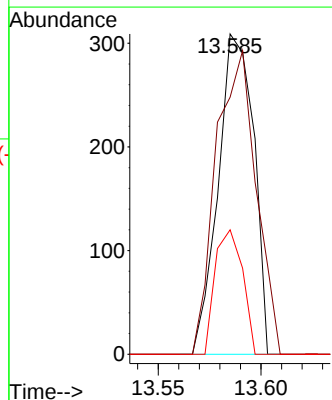
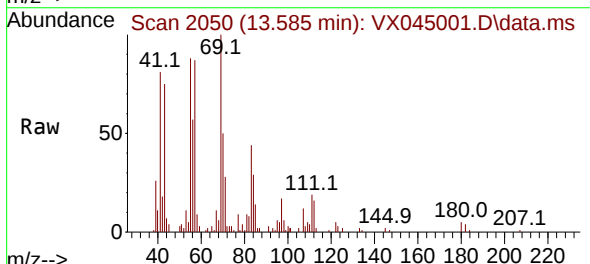
Instrument :  
 MSVOA\_X  
 ClientSampleId :

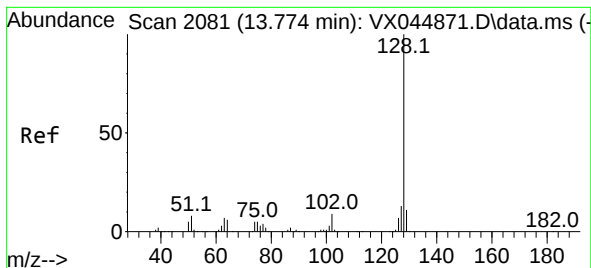
Tgt Ion: 75 Resp: 396  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 40.5 121.4#  
 157 0.0 51.4 154.3#



#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.278 ug/l  
 RT: 13.585 min Scan# 2050  
 Delta R.T. 0.000 min  
 Lab File: VX045001.D  
 Acq: 19 Feb 2025 12:56

Tgt Ion: 180 Resp: 371  
 Ion Ratio Lower Upper  
 180 100  
 182 107.0 47.6 142.8  
 145 30.2 16.4 49.1





#95

Naphthalene

Concen: 1.292 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045001.D

Acq: 19 Feb 2025 12:56

Instrument :

MSVOA\_X

ClientSampleId :

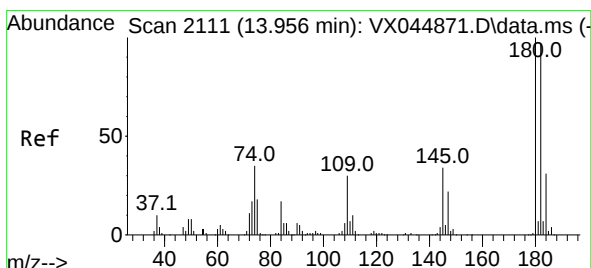
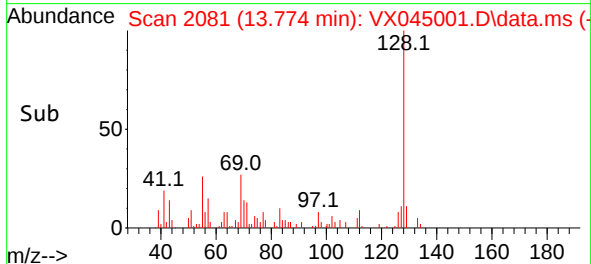
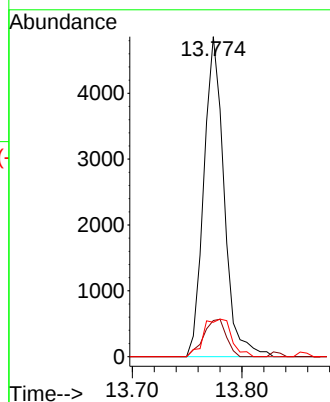
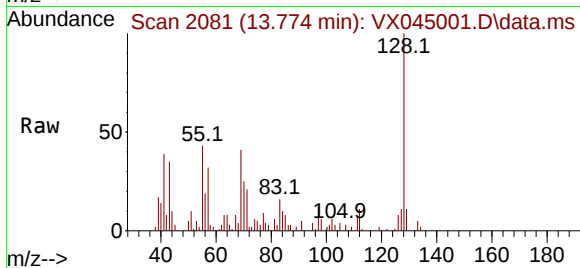
Tgt Ion:128 Resp: 6231

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 16.2 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.309 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045001.D

Acq: 19 Feb 2025 12:56

Tgt Ion:180 Resp: 415

Ion Ratio Lower Upper

180 100

182 106.7 47.9 143.6

145 39.0 17.1 51.3

