

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010125\  
 Data File : VX044581.D  
 Acq On : 31 Dec 2024 15:42  
 Operator : JC/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 01 00:44:57 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML120524WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 31 01:02:15 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.757          | 114  | 210276     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 190202     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018         | 152  | 90767      | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.367          | 65   | 68763      | 35.734  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 71.460% |        |          |
| 7) Chloroethane-d5            | 1.648          | 69   | 64626      | 43.355  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 86.700% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.294          | 65   | 37944      | 46.107  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 92.220% |        |          |
| 21) 2-Butanone-d5             | 4.458          | 46   | 112712     | 95.670  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 95.670% |        |          |
| 24) Chloroform-d              | 5.050          | 84   | 165798     | 45.379  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.760% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 106518     | 41.226  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 82.460% |        |          |
| 32) Benzene-d6                | 5.964          | 84   | 285085     | 43.378  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.760% |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.305          | 67   | 90869      | 44.529  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 89.060% |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 253183     | 41.665  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 83.320% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.945          | 79   | 41208      | 42.020  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 84.040% |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 77483      | 97.380  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 97.380% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 130452     | 47.674  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 95.340% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 95777      | 45.288  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.580% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.166          | 85   | 67627      | 39.658  | ug/L   | 99       |
| 3) Chloromethane              | 1.294          | 50   | 60014      | 38.150  | ug/L   | 100      |
| 5) Vinyl chloride             | 1.374          | 62   | 66893      | 39.413  | ug/L   | 97       |
| 6) Bromomethane               | 1.593          | 94   | 43264      | 37.505  | ug/L   | 100      |
| 8) Chloroethane               | 1.672          | 64   | 48111      | 42.819  | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.873          | 101  | 134456     | 42.519  | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.318          | 101  | 77149      | 55.396  | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.306          | 96   | 63711      | 51.396  | ug/L # | 58       |
| 13) Acetone                   | 2.386          | 43   | 78337      | 74.726  | ug/L   | 92       |
| 14) Carbon disulfide          | 2.501          | 76   | 99143      | 42.219  | ug/L   | 100      |
| 15) Methyl Acetate            | 2.703          | 43   | 86861      | 51.095  | ug/L   | 97       |
| 16) Methylene chloride        | 2.782          | 84   | 70581      | 49.479  | ug/L   | 90       |
| 17) trans-1,2-Dichloroethene  | 3.087          | 96   | 57615      | 44.627  | ug/L   | 93       |
| 18) Methyl tert-butyl Ether   | 3.111          | 73   | 234208     | 44.958  | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.599          | 63   | 124405     | 45.932  | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 4.477          | 96   | 75426      | 47.790  | ug/L   | 96       |
| 22) 2-Butanone                | 4.562          | 43   | 103019     | 81.419  | ug/L   | 96       |
| 23) Bromochloromethane        | 4.891          | 128  | 39739      | 51.630  | ug/L   | 96       |
| 25) Chloroform                | 5.086          | 83   | 141723     | 46.493  | ug/L   | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010125\  
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 Acq On : 31 Dec 2024 15:42  
 Operator : JC/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

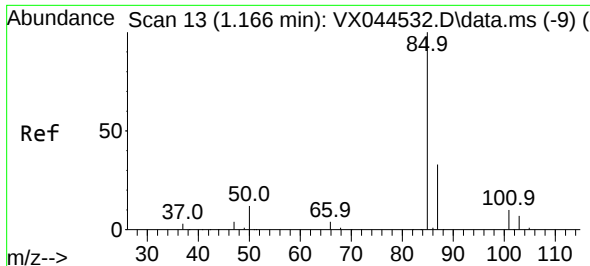
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 01 00:44:57 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML120524WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 31 01:02:15 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 6.080  | 62   | 109134   | 43.065 | ug/L  | 96       |
| 29) Cyclohexane               | 5.464  | 56   | 95025    | 40.266 | ug/L  | 97       |
| 30) 1,1,1-Trichloroethane     | 5.373  | 97   | 115998   | 44.927 | ug/L  | 97       |
| 31) Carbon tetrachloride      | 5.665  | 117  | 92494    | 45.737 | ug/L  | 99       |
| 33) Benzene                   | 6.031  | 78   | 261958   | 45.354 | ug/L  | 100      |
| 34) Trichloroethene           | 7.122  | 95   | 70927    | 44.978 | ug/L  | 99       |
| 35) Methylcyclohexane         | 7.372  | 83   | 100014   | 43.782 | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 7.427  | 63   | 70765    | 45.628 | ug/L  | 98       |
| 38) Bromodichloromethane      | 7.817  | 83   | 91302    | 44.933 | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 115463   | 47.531 | ug/L  | 96       |
| 40) 4-Methyl-2-pentanone      | 8.573  | 43   | 209612   | 87.299 | ug/L  | 96       |
| 42) Toluene                   | 8.714  | 91   | 282368   | 46.139 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 8.976  | 75   | 102430   | 44.487 | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 9.147  | 97   | 75459    | 47.478 | ug/L  | 99       |
| 46) Tetrachloroethene         | 9.268  | 164  | 54499    | 51.809 | ug/L  | 97       |
| 48) 2-Hexanone                | 9.427  | 43   | 152022   | 80.413 | ug/L  | 97       |
| 49) Dibromochloromethane      | 9.518  | 129  | 69177    | 49.242 | ug/L  | 96       |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 77279    | 47.082 | ug/L  | 98       |
| 51) Chlorobenzene             | 10.079 | 112  | 184461   | 46.980 | ug/L  | 95       |
| 52) Ethylbenzene              | 10.189 | 91   | 309353   | 45.890 | ug/L  | 98       |
| 53) m,p-Xylene                | 10.299 | 106  | 116154   | 47.571 | ug/L  | 94       |
| 54) o-Xylene                  | 10.640 | 106  | 115783   | 46.113 | ug/L  | 99       |
| 55) Styrene                   | 10.652 | 104  | 193011   | 47.132 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 111825   | 45.355 | ug/L  | 98       |
| 59) Bromoform                 | 10.799 | 173  | 44978    | 49.386 | ug/L  | 99       |
| 60) Isopropylbenzene          | 10.963 | 105  | 312236   | 44.579 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 11.238 | 75   | 87924    | 41.823 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 256010   | 44.045 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 248701   | 43.598 | ug/L  | 96       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 135992   | 46.818 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 12.036 | 146  | 136544   | 46.975 | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 140760   | 47.726 | ug/L  | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 19827    | 41.497 | ug/L  | 88       |
| 69) 1,3,5-Trichlorobenzene    | 13.109 | 180  | 90217    | 49.781 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.585 | 180  | 77914    | 48.264 | ug/L  | 95       |
| 71) Naphthalene               | 13.774 | 128  | 280659   | 42.644 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 83897    | 48.922 | ug/L  | 97       |

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

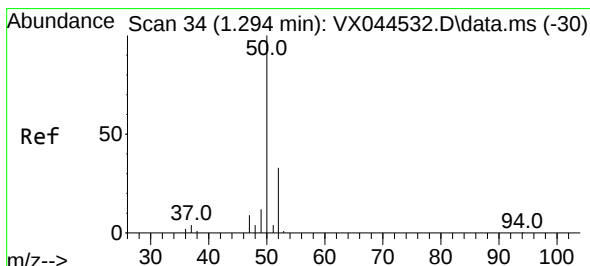
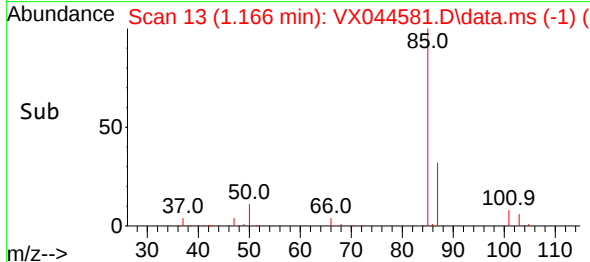
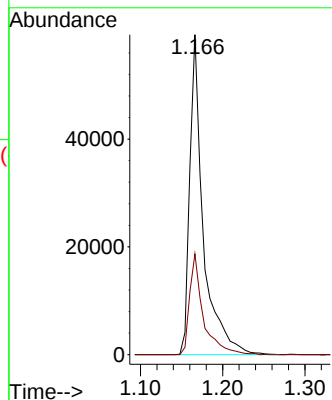
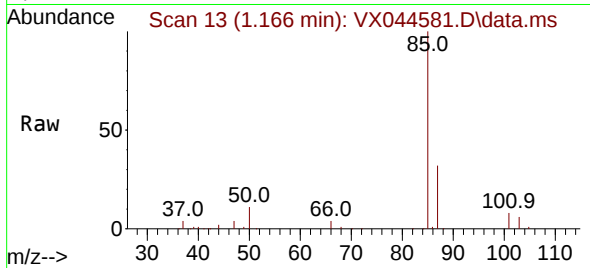




#2  
 Dichlorodifluoromethane  
 Concen: 39.658 ug/L  
 RT: 1.166 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX044581.D  
 Acq: 31 Dec 2024 15:42

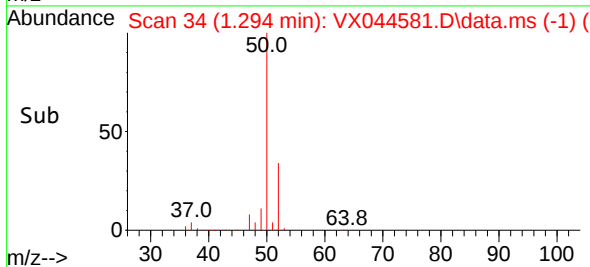
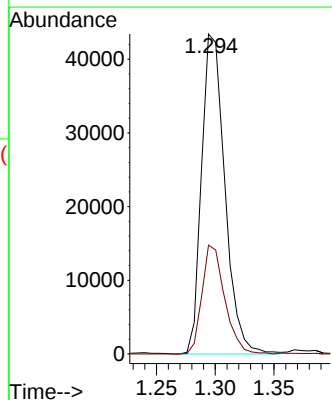
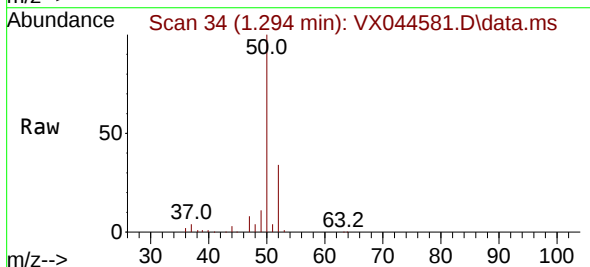
Instrument :  
 MSVOA\_X  
 ClientSampleId :

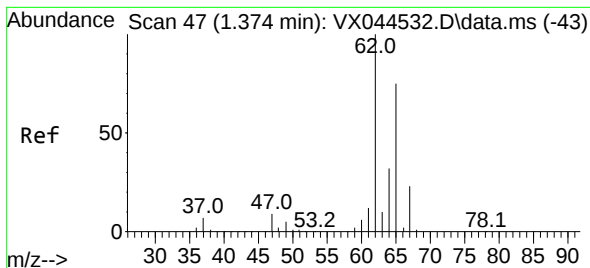
Tgt Ion: 85 Resp: 67627  
 Ion Ratio Lower Upper  
 85 100  
 87 32.0 26.1 39.1



#3  
 Chloromethane  
 Concen: 38.150 ug/L  
 RT: 1.294 min Scan# 34  
 Delta R.T. -0.000 min  
 Lab File: VX044581.D  
 Acq: 31 Dec 2024 15:42

Tgt Ion: 50 Resp: 60014  
 Ion Ratio Lower Upper  
 50 100  
 52 34.0 23.9 44.3





#5

Vinyl chloride

Concen: 39.413 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

Instrument :

MSVOA\_X

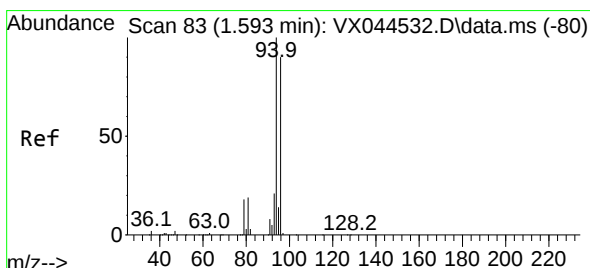
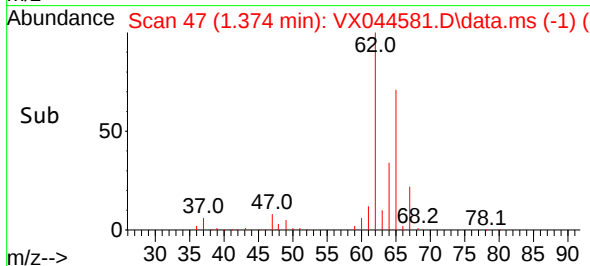
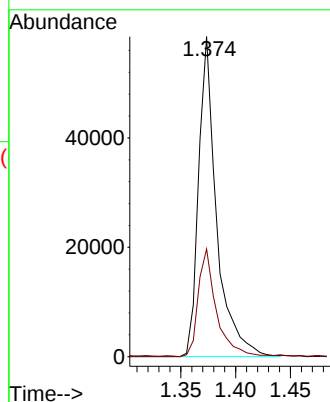
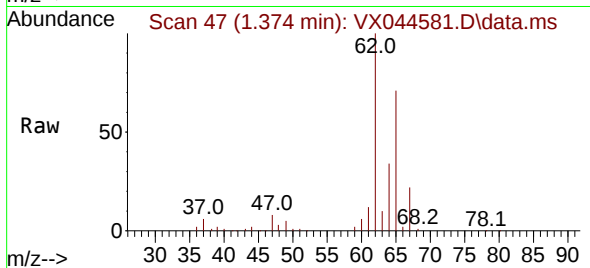
ClientSampleId :

Tgt Ion: 62 Resp: 66893

Ion Ratio Lower Upper

62 100

64 33.6 22.2 41.2



#6

Bromomethane

Concen: 37.505 ug/L

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044581.D

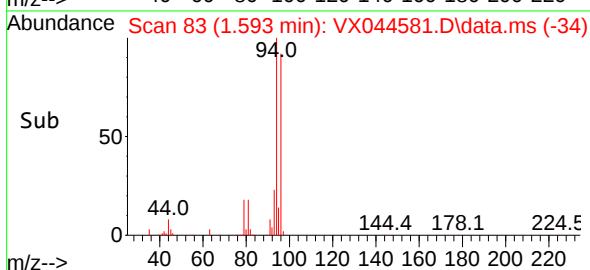
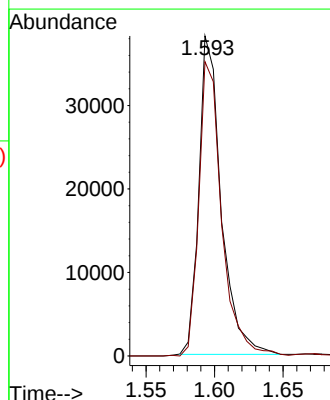
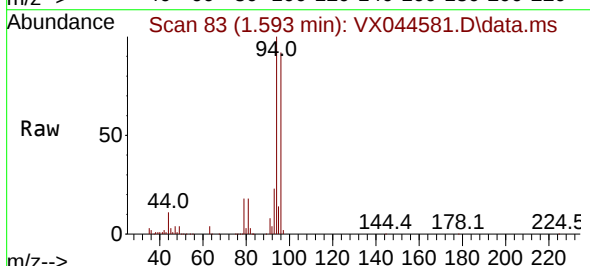
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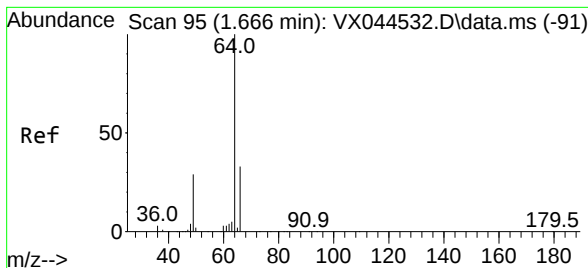
Tgt Ion: 94 Resp: 43264

Ion Ratio Lower Upper

94 100

96 92.0 64.2 119.2





#8

Chloroethane

Concen: 42.819 ug/L

RT: 1.672 min Scan# 96

Delta R.T. 0.006 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

Instrument :

MSVOA\_X

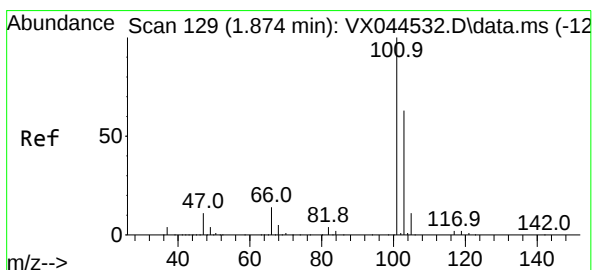
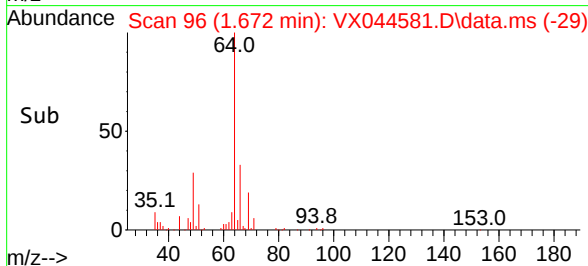
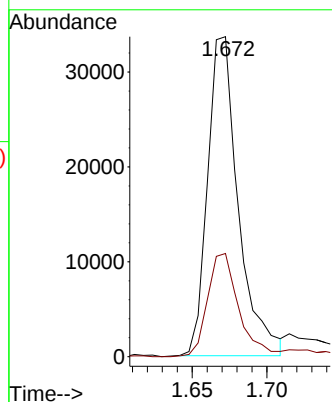
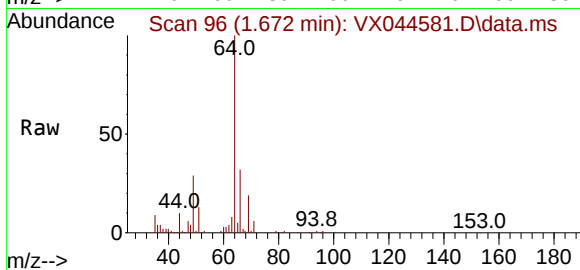
ClientSampleId :

Tgt Ion: 64 Resp: 48111

Ion Ratio Lower Upper

64 100

66 32.3 21.5 39.9



#9

Trichlorofluoromethane

Concen: 42.519 ug/L

RT: 1.873 min Scan# 129

Delta R.T. -0.000 min

Lab File: VX044581.D

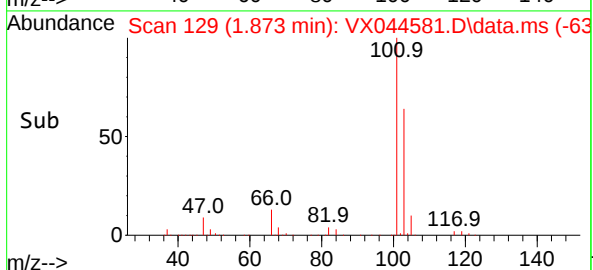
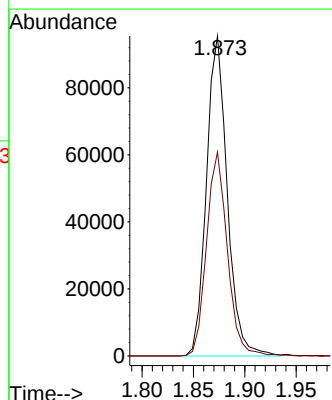
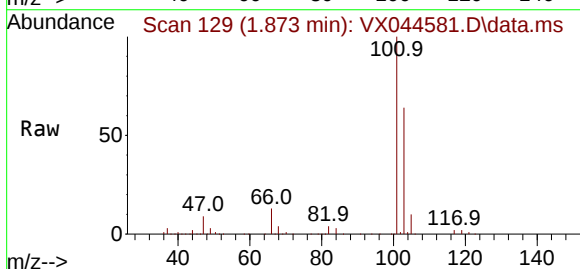
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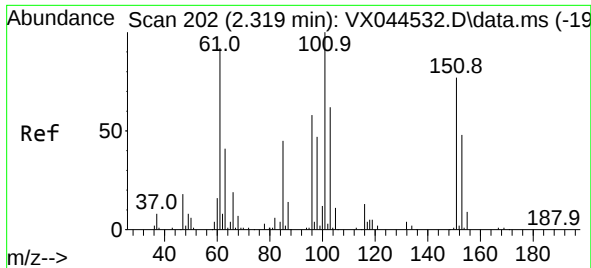
Tgt Ion:101 Resp: 134456

Ion Ratio Lower Upper

101 100

103 63.9 50.8 76.2

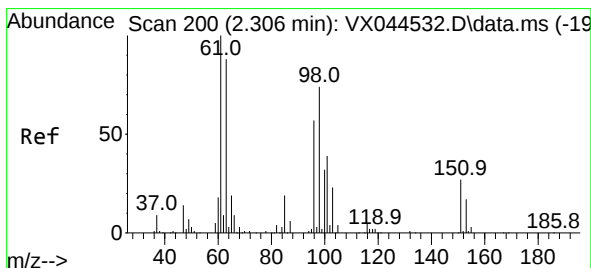
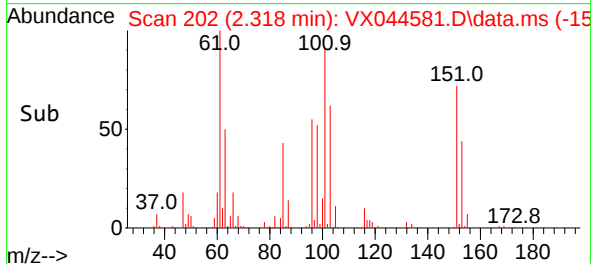
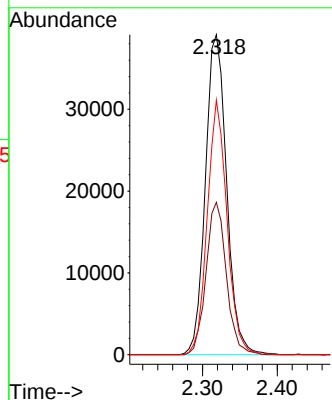
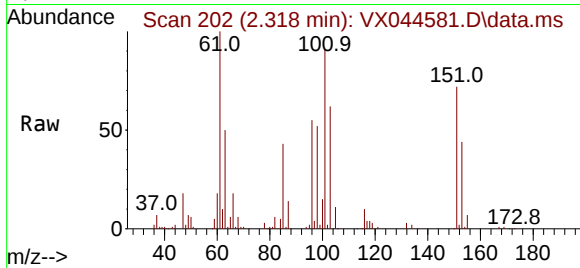




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 55.396 ug/L  
 RT: 2.318 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VX044581.D  
 Acq: 31 Dec 2024 15:42

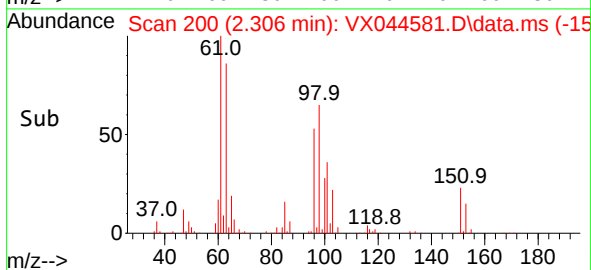
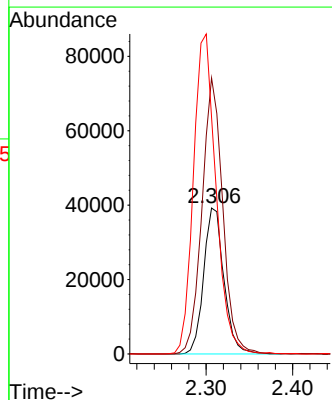
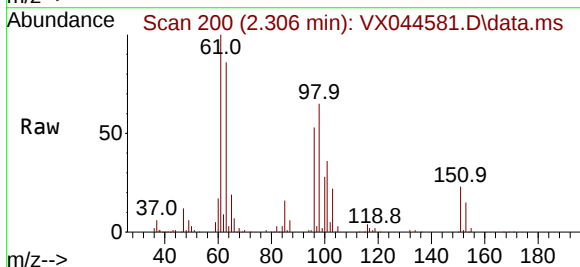
Instrument :  
 MSVOA\_X  
 ClientSampleId :

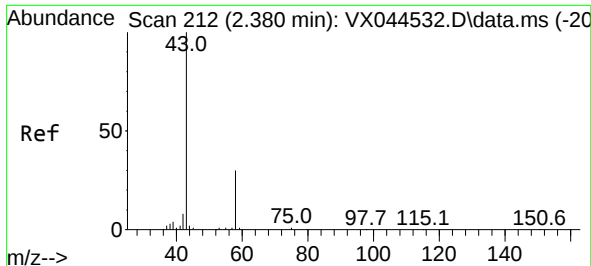
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 Ion Ratio Lower Upper  
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 85 45.6 33.9 50.9  
 151 73.7 58.5 87.7



#12  
 1,1-Dichloroethene  
 Concen: 51.396 ug/L  
 RT: 2.306 min Scan# 200  
 Delta R.T. -0.000 min  
 Lab File: VX044581.D  
 Acq: 31 Dec 2024 15:42

Tgt Ion: 96 Resp: 63711  
 Ion Ratio Lower Upper  
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 61 189.1 109.3 203.1  
 63 162.1 65.7 122.1#

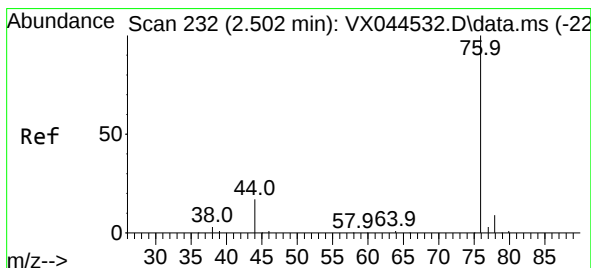
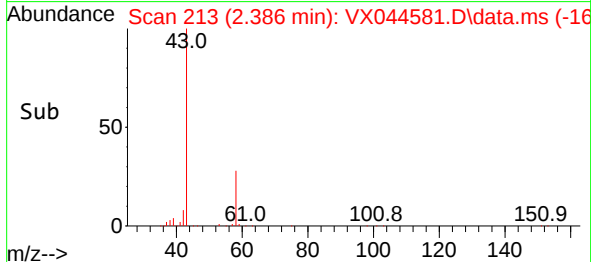
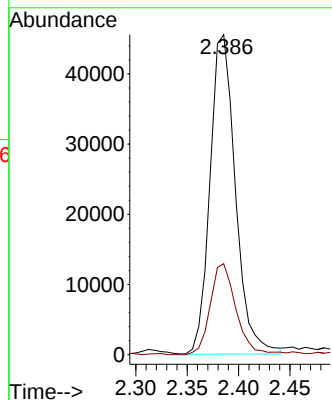
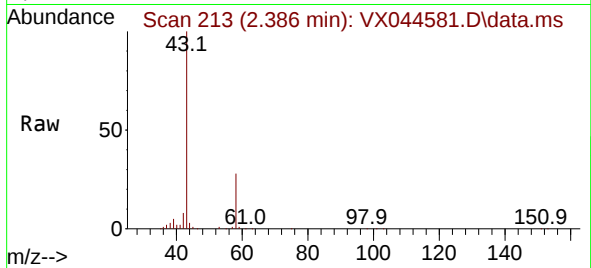




#13  
Acetone  
Concen: 74.726 ug/L  
RT: 2.386 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

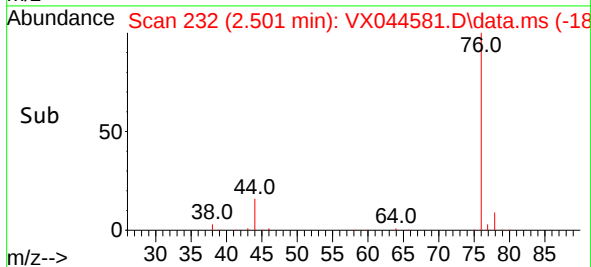
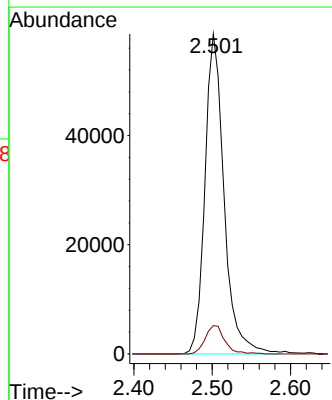
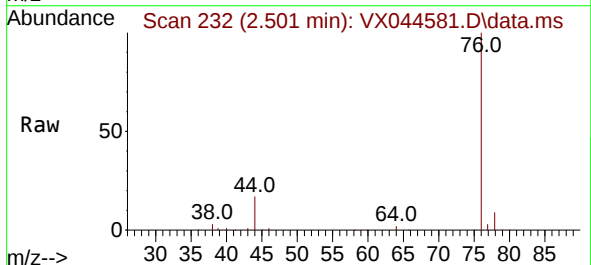
Instrument :  
MSVOA\_X  
ClientSampleId :

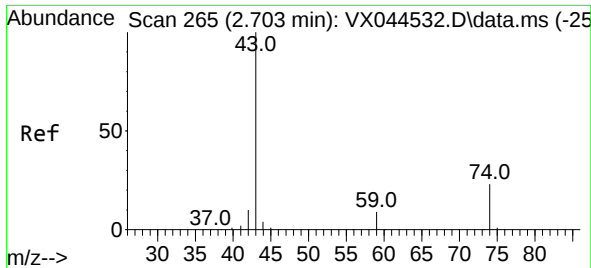
Tgt Ion: 43 Resp: 78337  
Ion Ratio Lower Upper  
43 100  
58 28.4 0.0 66.0



#14  
Carbon disulfide  
Concen: 42.219 ug/L  
RT: 2.501 min Scan# 232  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

Tgt Ion: 76 Resp: 99143  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.2 10.8

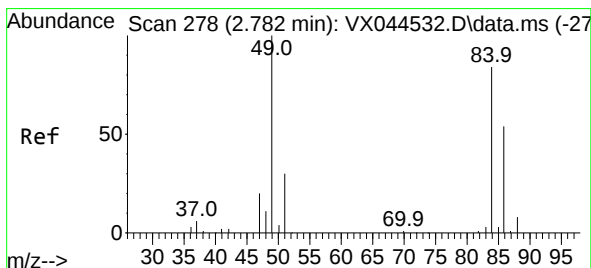
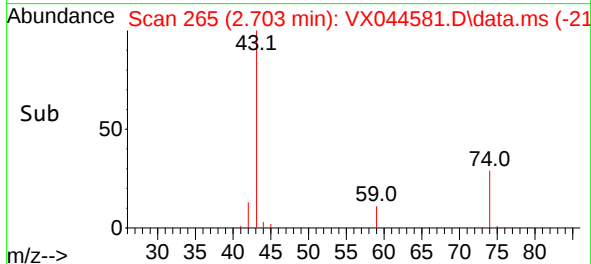
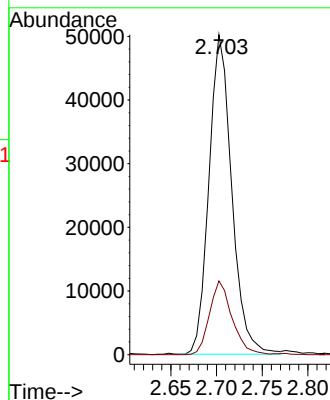
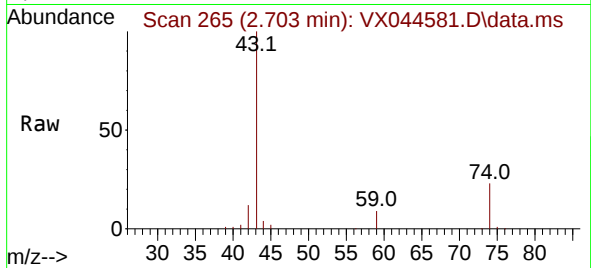




#15  
Methyl Acetate  
Concen: 51.095 ug/L  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

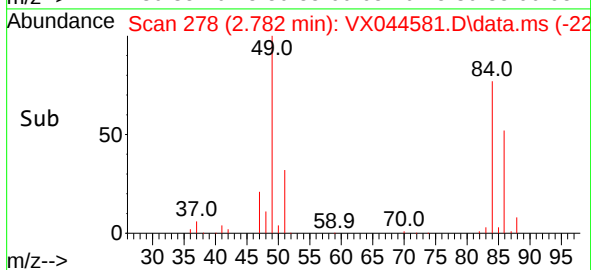
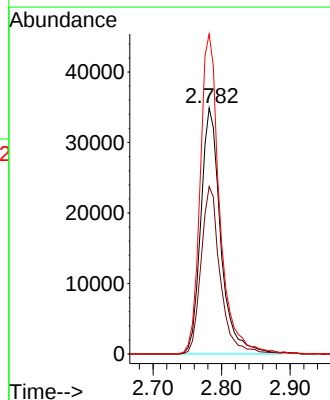
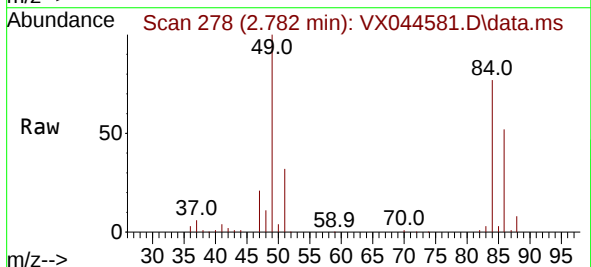
Instrument :  
MSVOA\_X  
ClientSampleId :

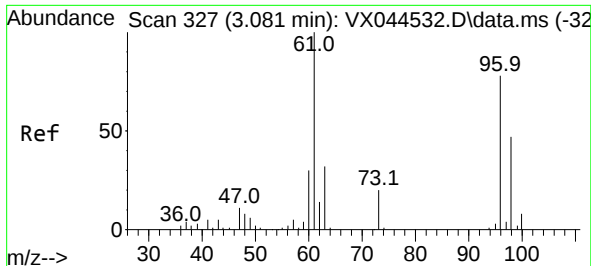
Tgt Ion: 43 Resp: 86861  
Ion Ratio Lower Upper  
43 100  
74 22.8 19.4 29.2



#16  
Methylene chloride  
Concen: 49.479 ug/L  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

Tgt Ion: 84 Resp: 70581  
Ion Ratio Lower Upper  
84 100  
86 68.0 46.0 85.4  
49 130.1 80.8 150.2

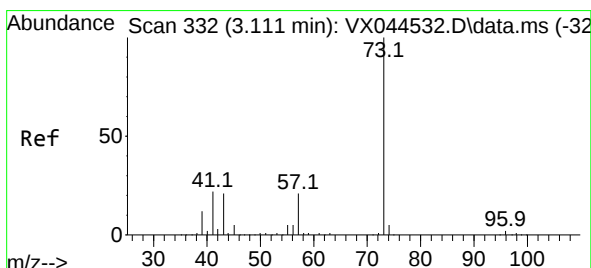
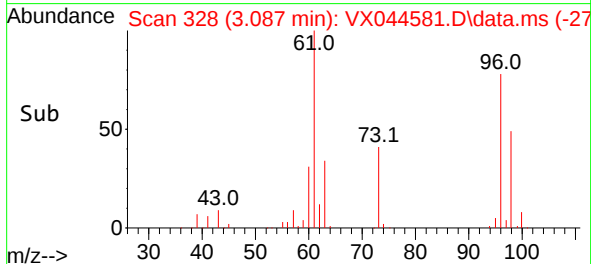
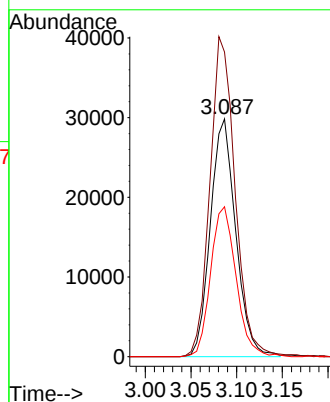
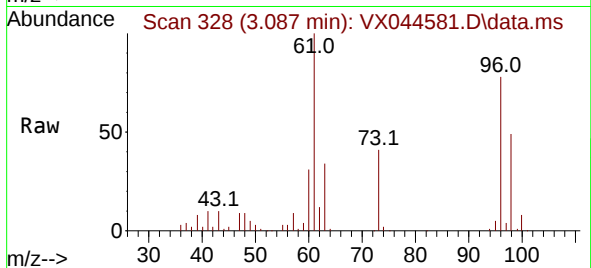




#17  
trans-1,2-Dichloroethene  
Concen: 44.627 ug/L  
RT: 3.087 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

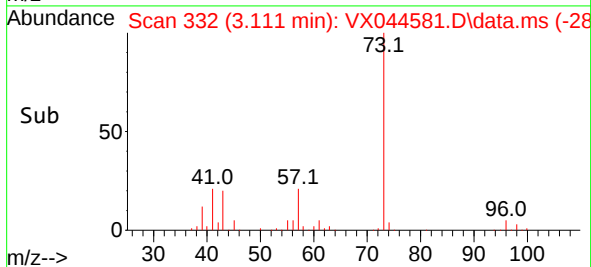
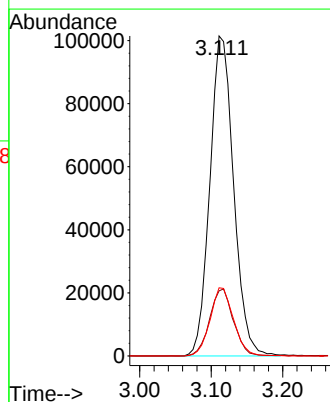
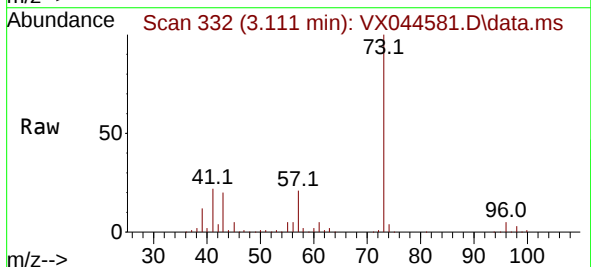
Instrument :  
MSVOA\_X  
ClientSampleId :

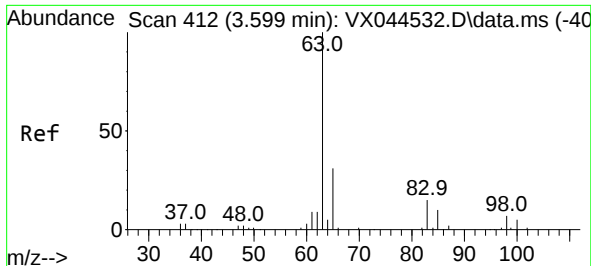
Tgt Ion: 96 Resp: 57615  
Ion Ratio Lower Upper  
96 100  
61 128.2 95.7 177.7  
98 63.1 47.2 87.6



#18  
Methyl tert-butyl Ether  
Concen: 44.958 ug/L  
RT: 3.111 min Scan# 332  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

Tgt Ion: 73 Resp: 234208  
Ion Ratio Lower Upper  
73 100  
43 20.9 15.2 22.8  
57 21.0 17.0 25.6





#19

1,1-Dichloroethane

Concen: 45.932 ug/L

RT: 3.599 min Scan# 412

Delta R.T. -0.000 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

Instrument :

MSVOA\_X

ClientSampleId :

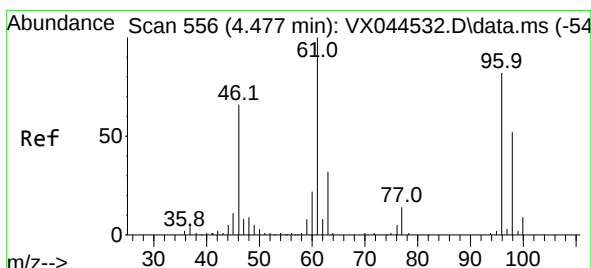
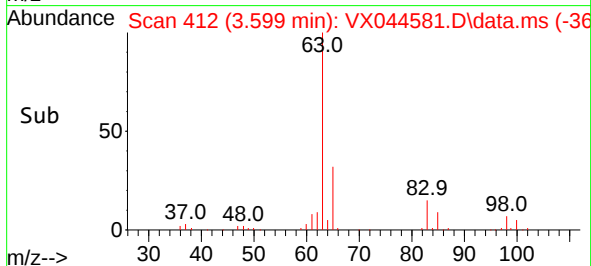
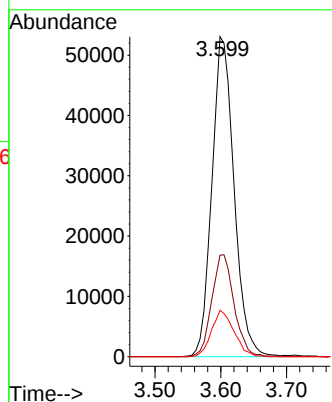
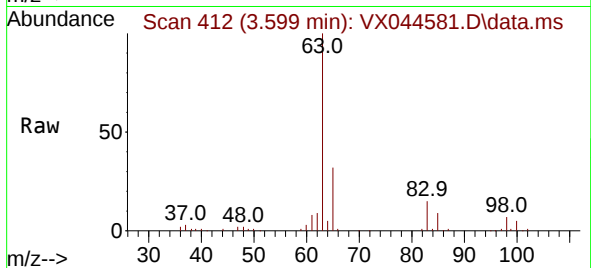
Tgt Ion: 63 Resp: 124405

Ion Ratio Lower Upper

63 100

65 31.7 23.2 43.2

83 14.5 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 47.790 ug/L

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

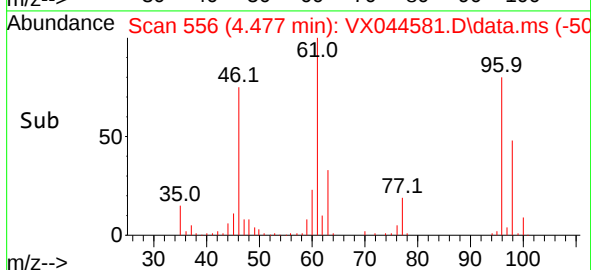
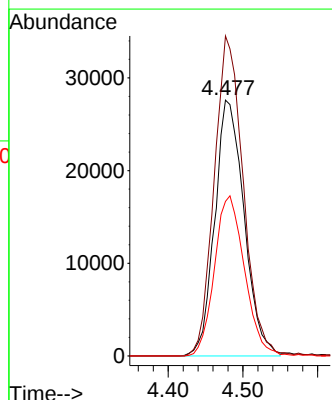
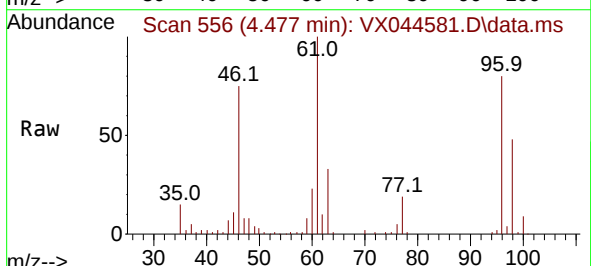
Tgt Ion: 96 Resp: 75426

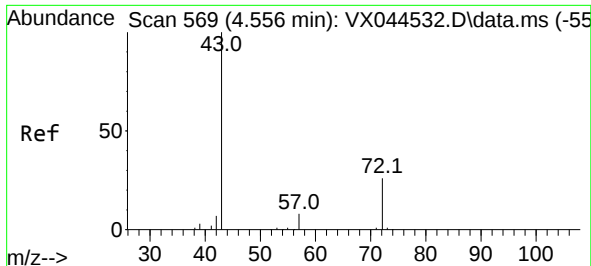
Ion Ratio Lower Upper

96 100

61 125.1 85.0 158.0

98 60.4 44.6 82.8

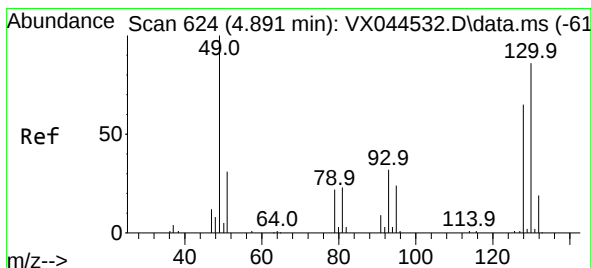
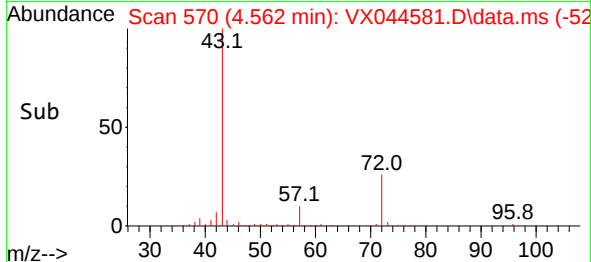
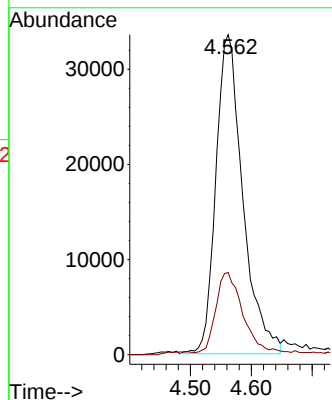
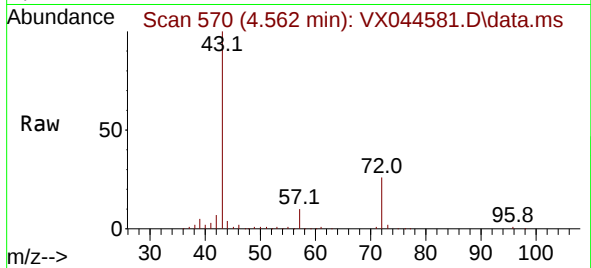




#22  
2-Butanone  
Concen: 81.419 ug/L  
RT: 4.562 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

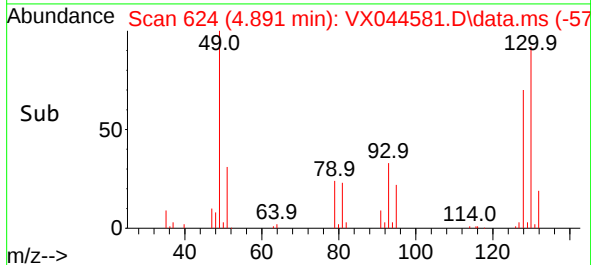
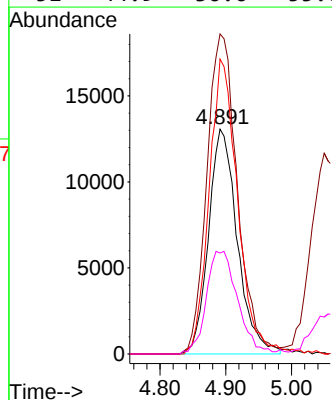
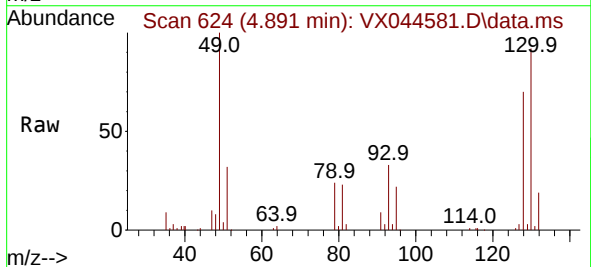
Instrument :  
MSVOA\_X  
ClientSampleId :

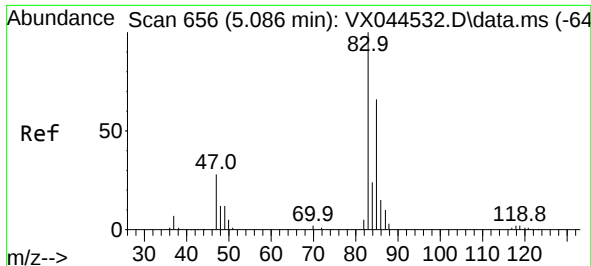
Tgt Ion: 43 Resp: 103019  
Ion Ratio Lower Upper  
43 100  
72 24.4 13.1 39.3



#23  
Bromochloromethane  
Concen: 51.630 ug/L  
RT: 4.891 min Scan# 624  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

Tgt Ion:128 Resp: 39739  
Ion Ratio Lower Upper  
128 100  
49 142.4 103.7 192.5  
130 131.1 89.1 165.5  
51 44.9 36.6 55.0





#25

Chloroform

Concen: 46.493 ug/L

RT: 5.086 min Scan# 6

Delta R.T. -0.000 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

Instrument :

MSVOA\_X

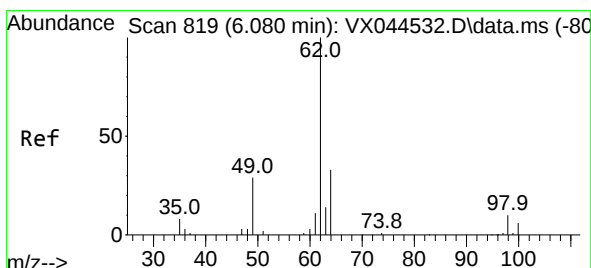
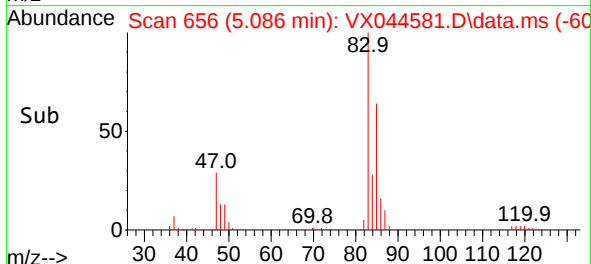
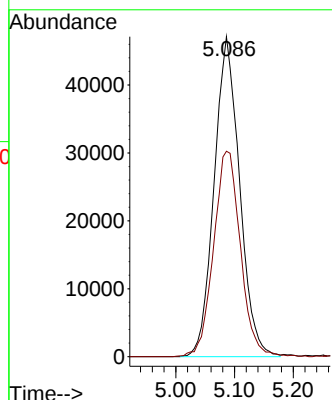
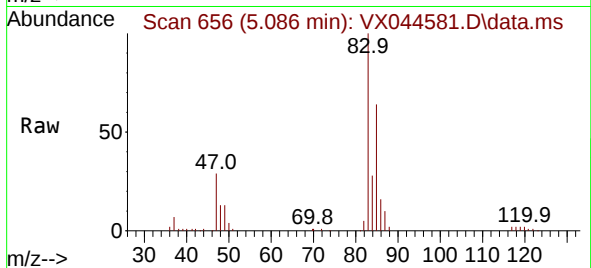
ClientSampleId :

Tgt Ion: 83 Resp: 141723

Ion Ratio Lower Upper

83 100

85 64.2 47.7 88.7



#27

1,2-Dichloroethane

Concen: 43.065 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX044581.D

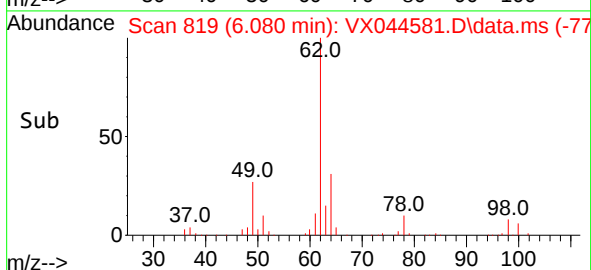
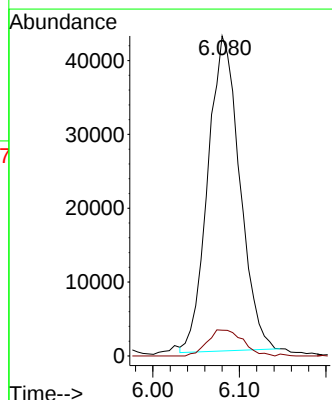
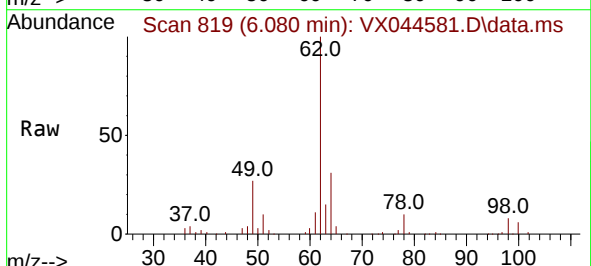
Acq: 31 Dec 2024 15:42

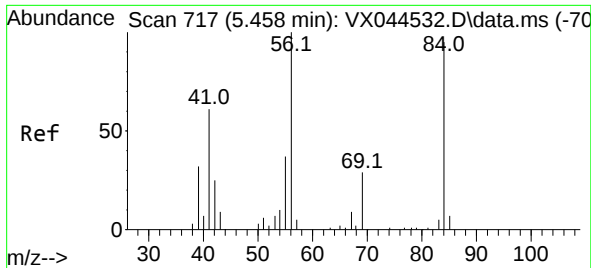
Tgt Ion: 62 Resp: 109134

Ion Ratio Lower Upper

62 100

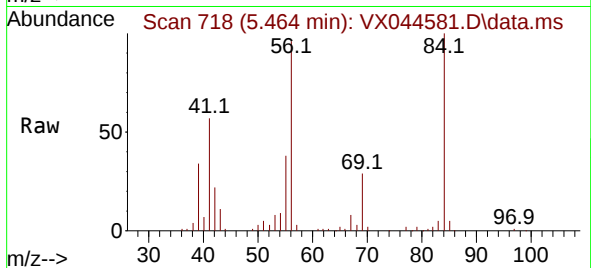
98 8.0 7.7 11.5



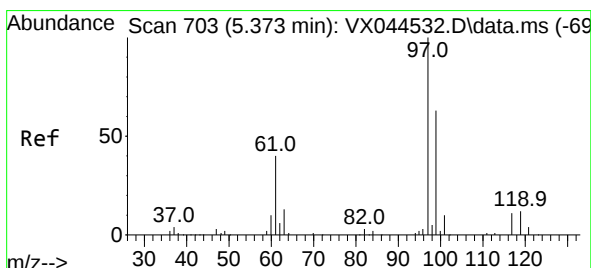
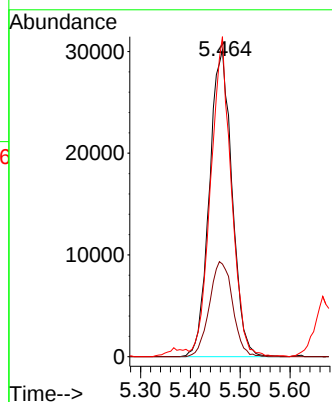
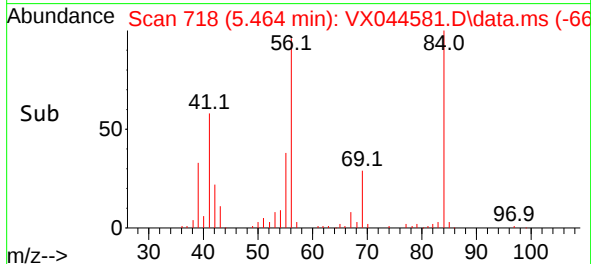


#29  
Cyclohexane  
Concen: 40.266 ug/L  
RT: 5.464 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

Instrument :  
MSVOA\_X  
ClientSampleId :

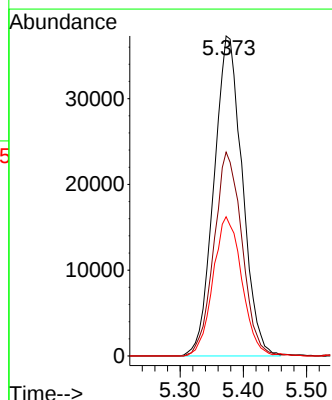
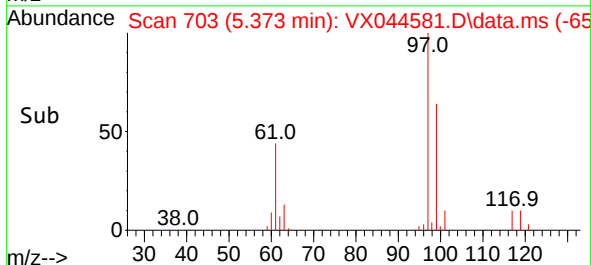
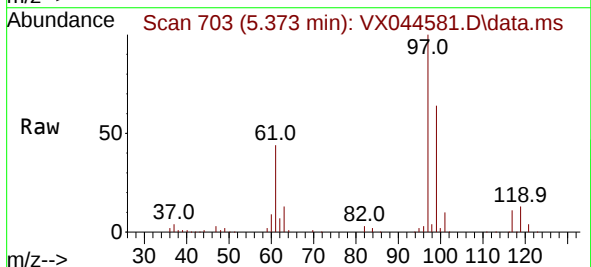


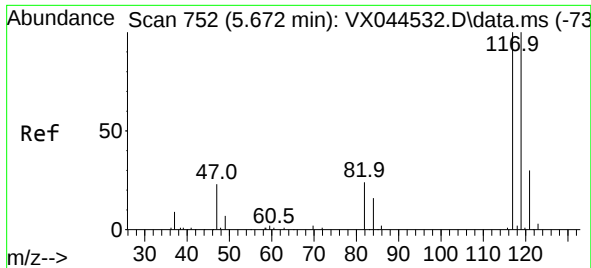
Tgt Ion: 56 Resp: 95025  
Ion Ratio Lower Upper  
56 100  
69 31.8 25.1 37.7  
84 94.7 72.9 109.3



#30  
1,1,1-Trichloroethane  
Concen: 44.927 ug/L  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

Tgt Ion: 97 Resp: 115998  
Ion Ratio Lower Upper  
97 100  
99 63.1 52.2 78.2  
61 44.1 32.8 49.2

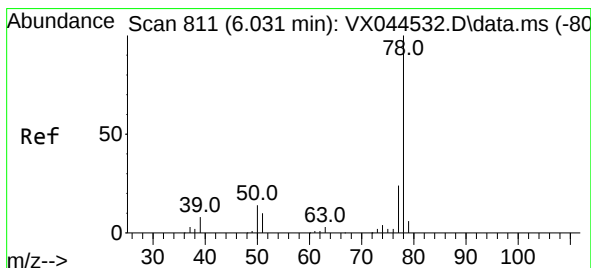
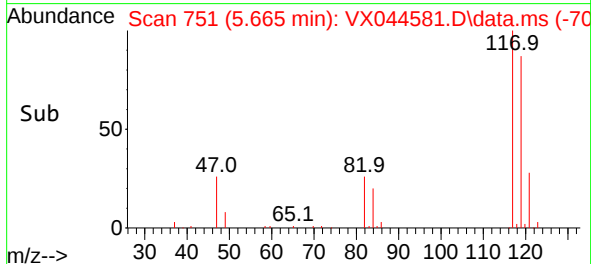
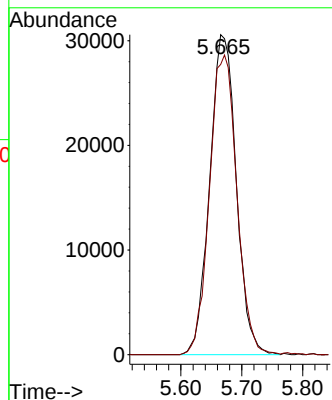
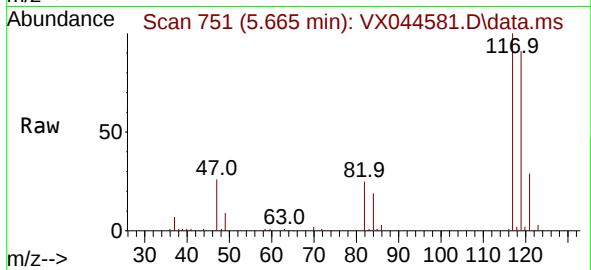




#31  
Carbon tetrachloride  
Concen: 45.737 ug/L  
RT: 5.665 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

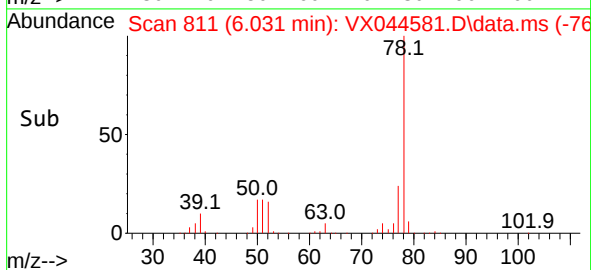
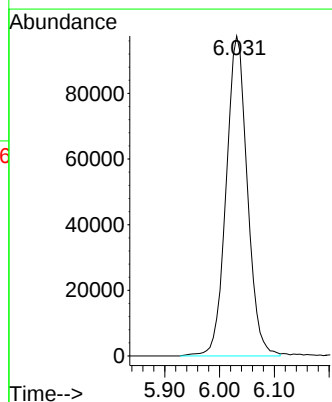
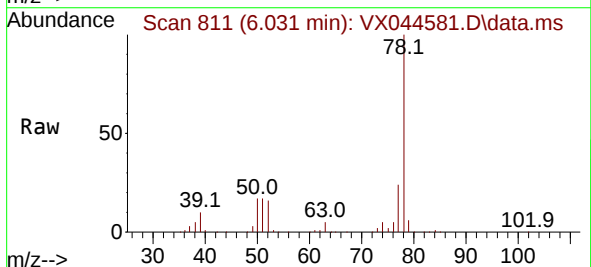
Instrument :  
MSVOA\_X  
ClientSampleId :

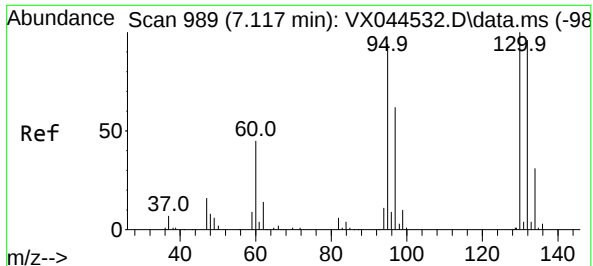
Tgt Ion:117 Resp: 92494  
Ion Ratio Lower Upper  
117 100  
119 96.6 77.7 116.5



#33  
Benzene  
Concen: 45.354 ug/L  
RT: 6.031 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

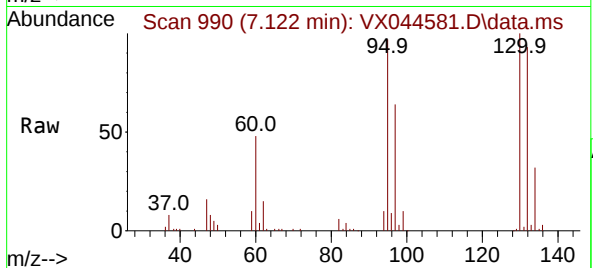
Tgt Ion: 78 Resp: 261958



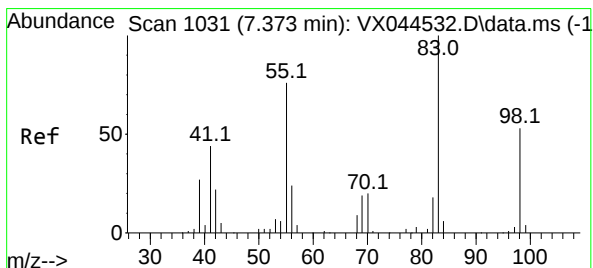
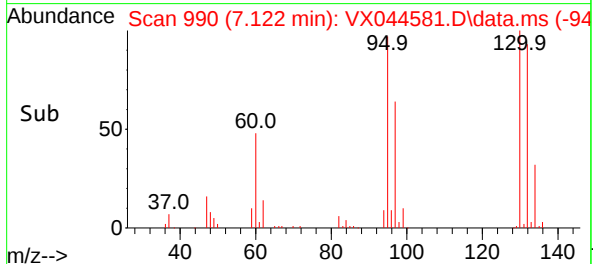
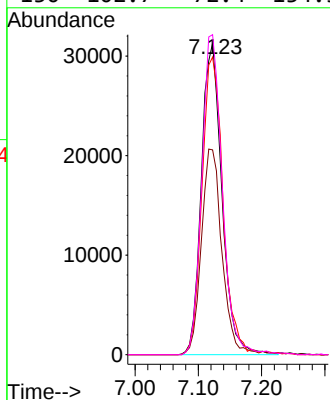


#34  
Trichloroethene  
Concen: 44.978 ug/L  
RT: 7.122 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

Instrument :  
MSVOA\_X  
ClientSampleId :

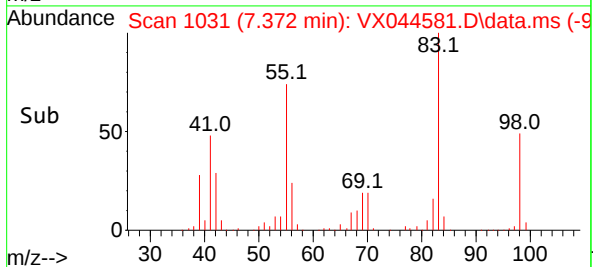
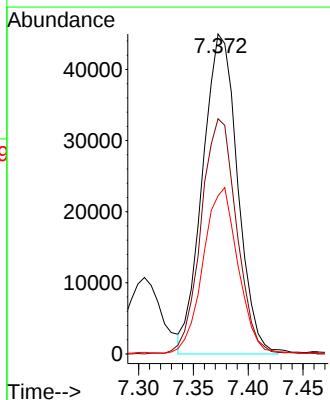
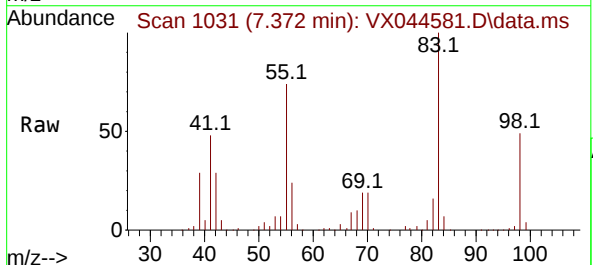


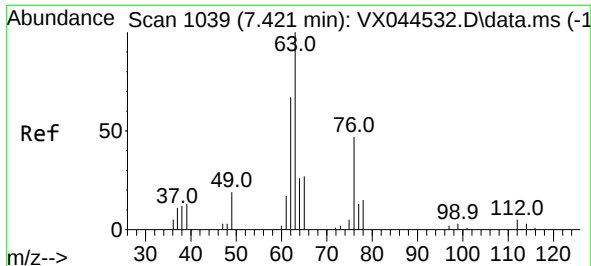
Tgt Ion: 95 Resp: 70927  
Ion Ratio Lower Upper  
95 100  
97 65.7 45.0 83.6  
132 95.5 66.6 123.8  
130 102.7 72.4 134.5



#35  
Methylcyclohexane  
Concen: 43.782 ug/L  
RT: 7.372 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

Tgt Ion: 83 Resp: 100014  
Ion Ratio Lower Upper  
83 100  
55 74.4 58.5 87.7  
98 52.1 40.5 60.7

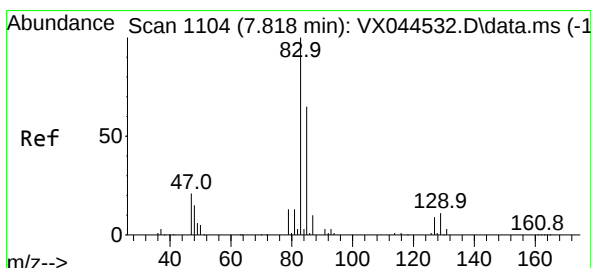
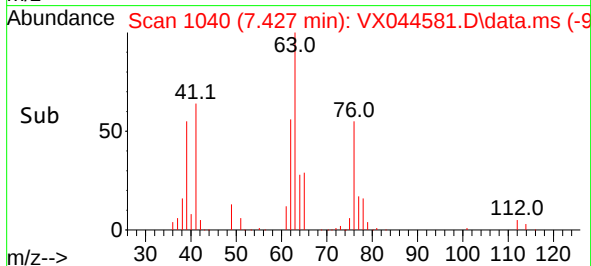
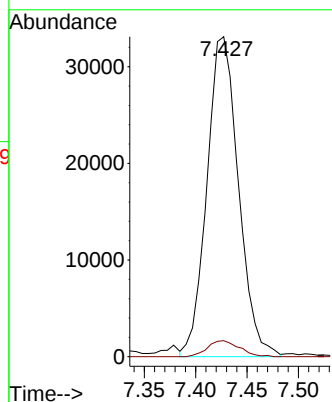
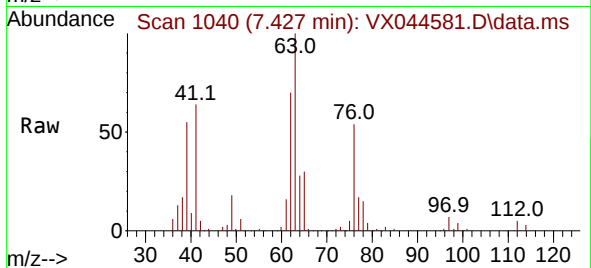




#37  
1,2-Dichloropropane  
Concen: 45.628 ug/L  
RT: 7.427 min Scan# 1039  
Delta R.T. 0.006 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

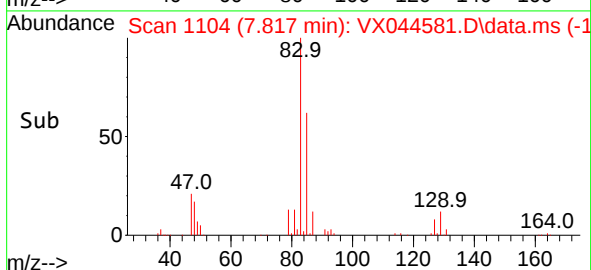
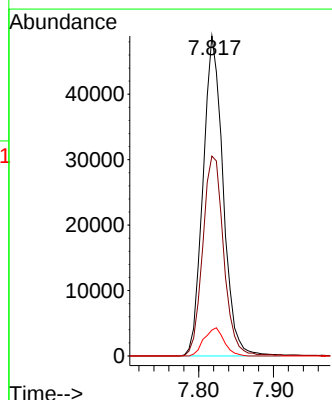
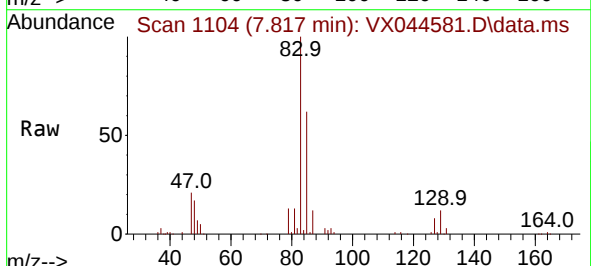
Instrument :  
MSVOA\_X  
ClientSampleId :

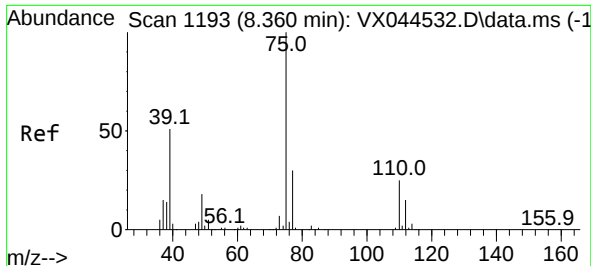
Tgt Ion: 63 Resp: 70765  
Ion Ratio Lower Upper  
63 100  
112 5.1 3.6 5.4



#38  
Bromodichloromethane  
Concen: 44.933 ug/L  
RT: 7.817 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

Tgt Ion: 83 Resp: 91302  
Ion Ratio Lower Upper  
83 100  
85 62.4 44.1 81.9  
127 8.1 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 47.531 ug/L

RT: 8.366 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

Instrument :

MSVOA\_X

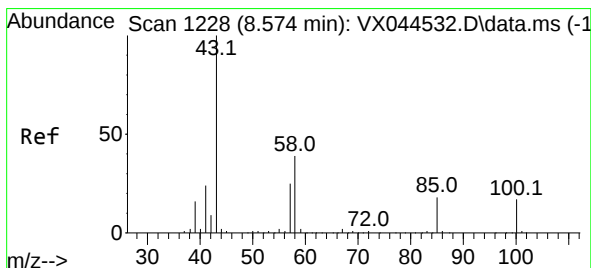
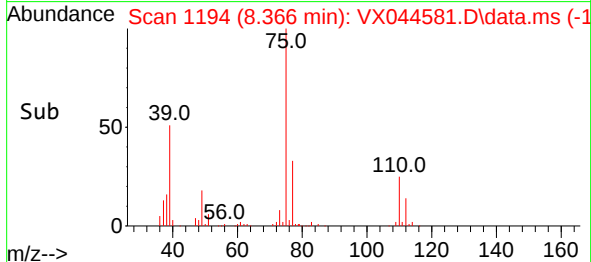
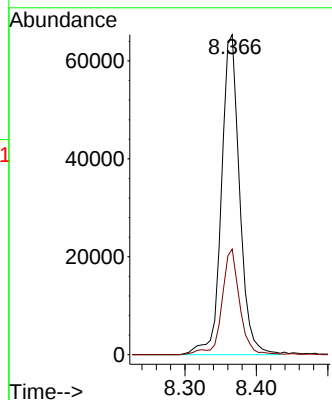
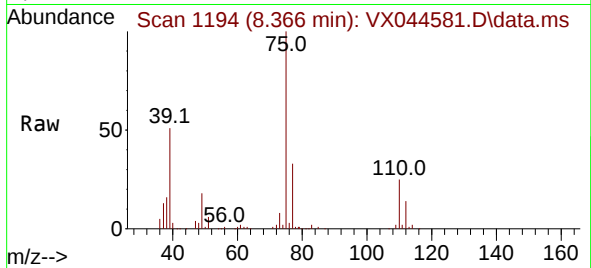
ClientSampleId :

Tgt Ion: 75 Resp: 115463

Ion Ratio Lower Upper

75 100

77 33.0 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 87.299 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

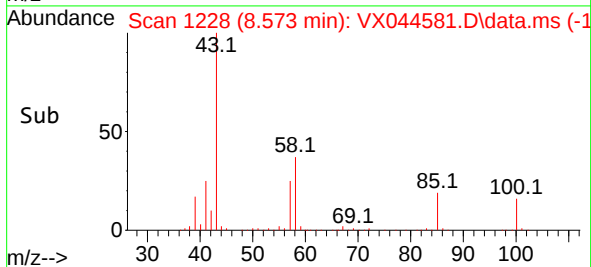
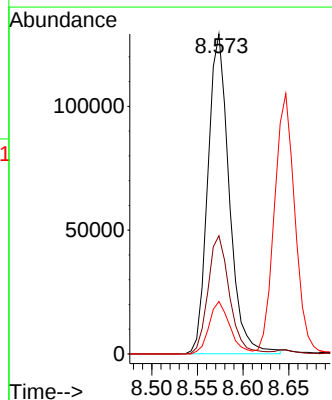
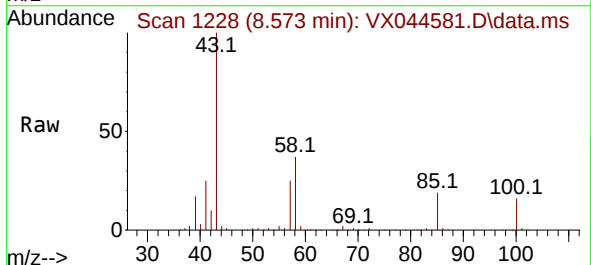
Tgt Ion: 43 Resp: 209612

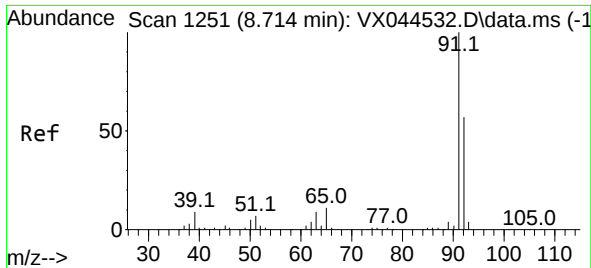
Ion Ratio Lower Upper

43 100

58 37.3 32.4 48.6

100 16.1 13.7 20.5





#42

Toluene

Concen: 46.139 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

Instrument :

MSVOA\_X

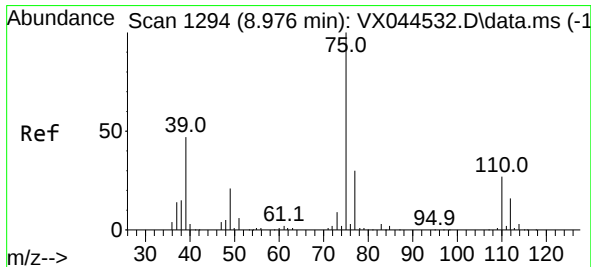
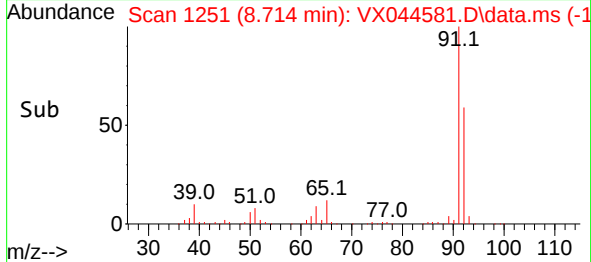
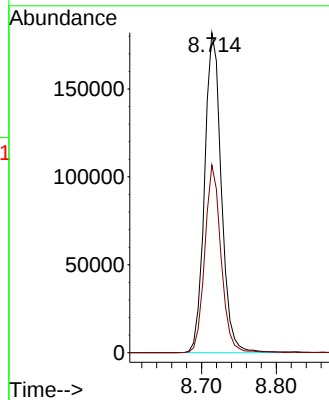
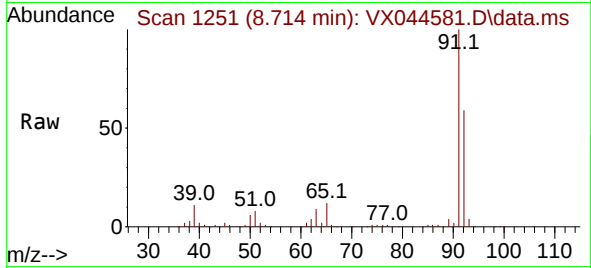
ClientSampleId :

Tgt Ion: 91 Resp: 282368

Ion Ratio Lower Upper

91 100

92 58.7 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 44.487 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044581.D

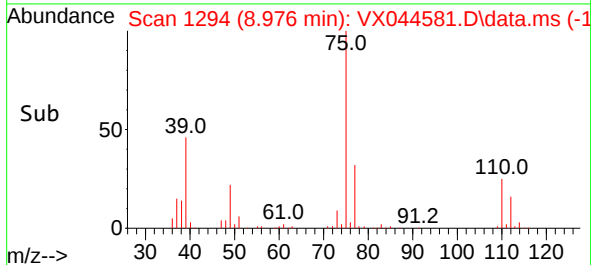
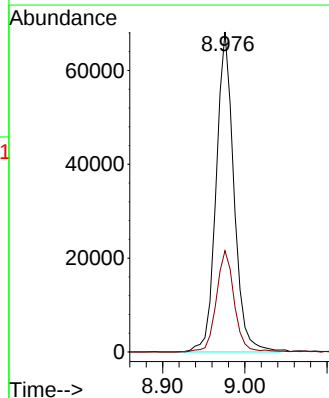
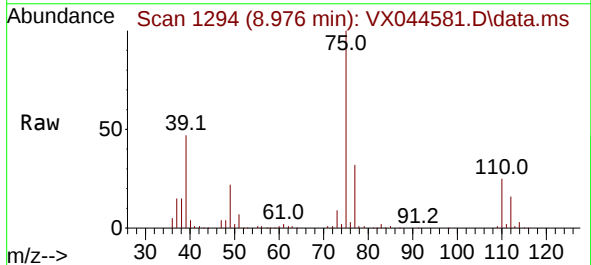
Acq: 31 Dec 2024 15:42

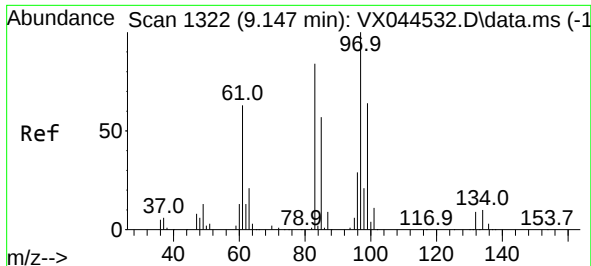
Tgt Ion: 75 Resp: 102430

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 47.478 ug/L

RT: 9.147 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 75459

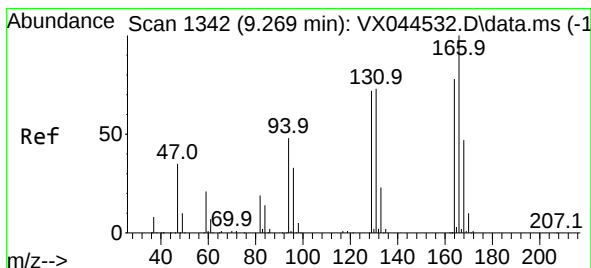
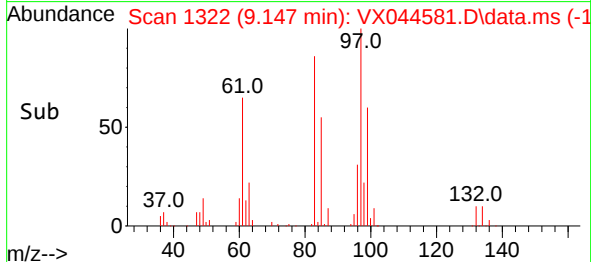
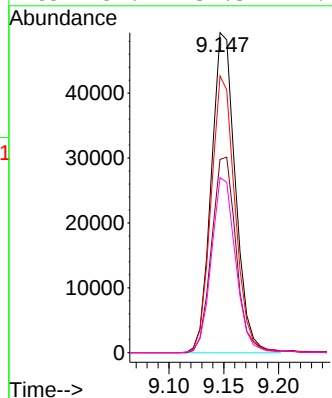
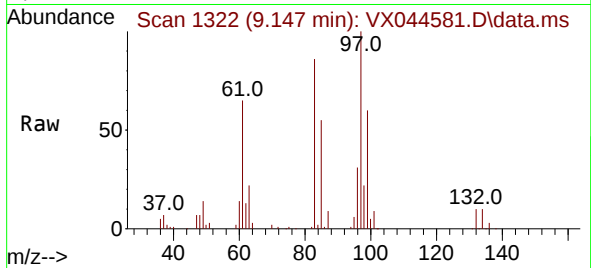
Ion Ratio Lower Upper

97 100

99 60.4 43.4 80.6

83 86.4 60.2 111.8

85 54.7 39.3 72.9



#46

Tetrachloroethene

Concen: 51.809 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

Tgt Ion:164 Resp: 54499

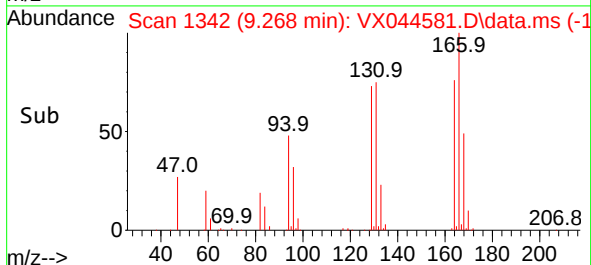
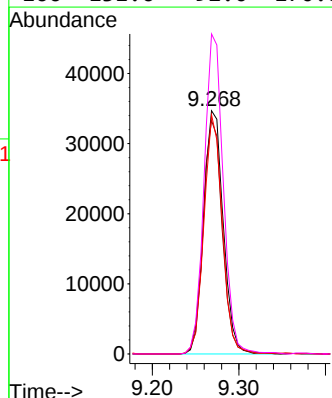
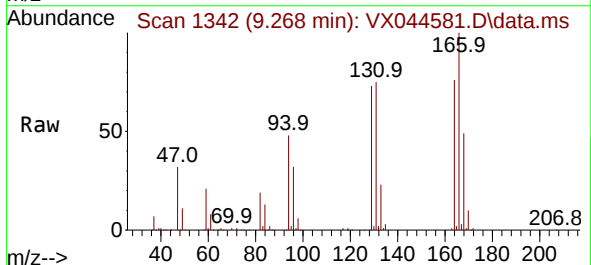
Ion Ratio Lower Upper

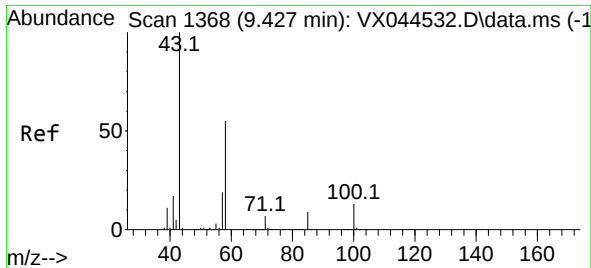
164 100

129 96.0 73.6 136.6

131 98.3 70.2 130.4

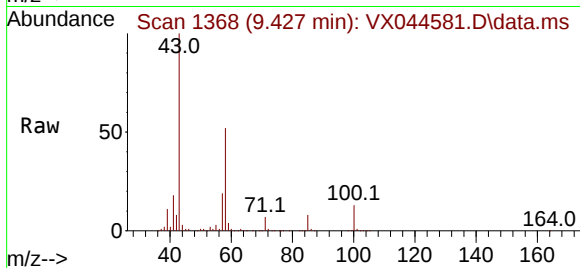
166 131.6 92.0 170.8



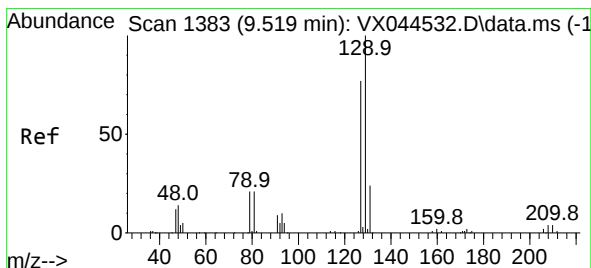
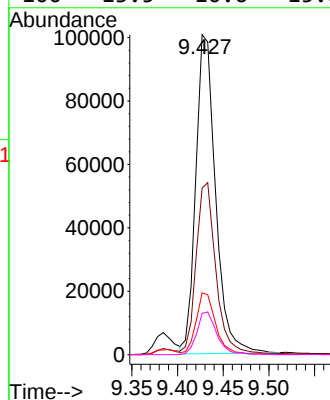
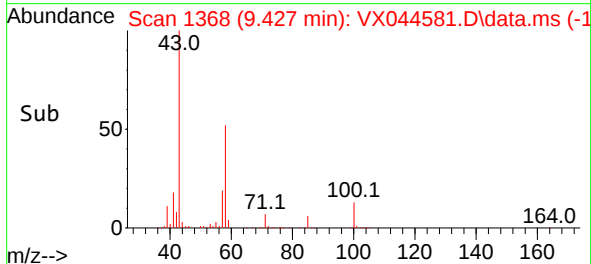


#48  
2-Hexanone  
Concen: 80.413 ug/L  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

Instrument :  
MSVOA\_X  
ClientSampleId :

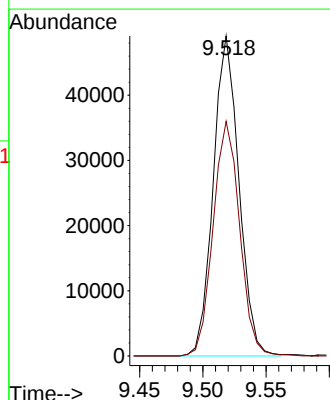
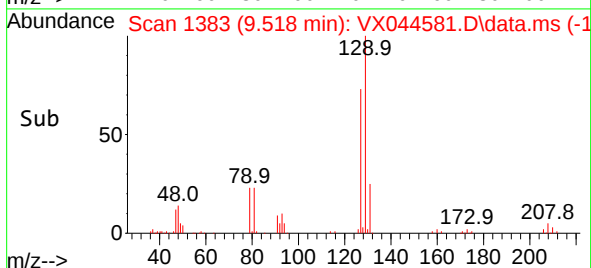
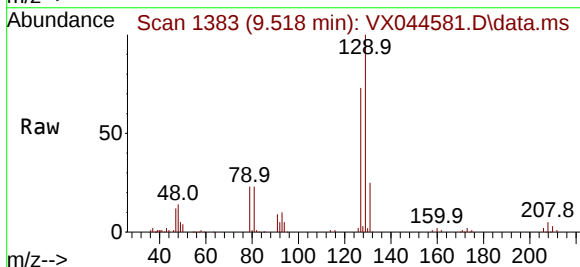


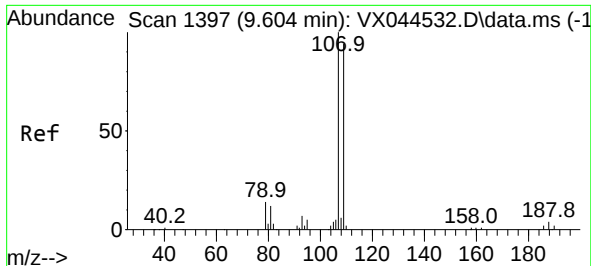
|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 152022 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 58 53.1     | 45.4 68.2    |
| 57 19.4     | 15.4 23.0    |
| 100 13.5    | 10.6 15.8    |



#49  
Dibromochloromethane  
Concen: 49.242 ug/L  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

|             |             |       |  |
|-------------|-------------|-------|--|
| Tgt Ion:129 | Resp: 69177 |       |  |
| Ion Ratio   | Lower       | Upper |  |
| 129 100     |             |       |  |
| 127 73.3    | 53.5        | 99.5  |  |





#50

1,2-Dibromoethane

Concen: 47.082 ug/L

RT: 9.610 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

Instrument :

MSVOA\_X

ClientSampleId :

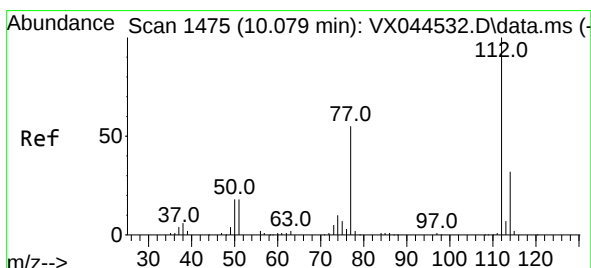
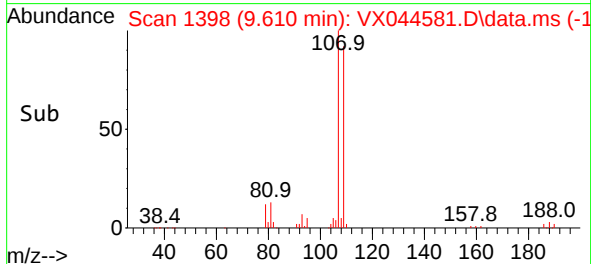
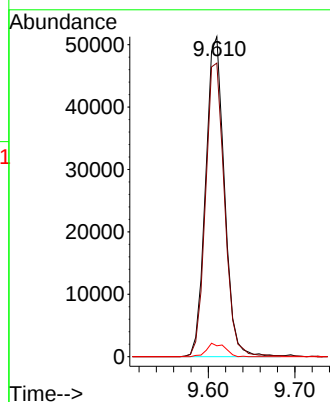
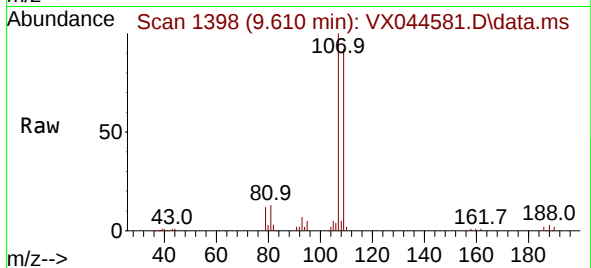
Tgt Ion:107 Resp: 77279

Ion Ratio Lower Upper

107 100

109 91.7 65.5 121.7

188 3.4 2.6 4.0



#51

Chlorobenzene

Concen: 46.980 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

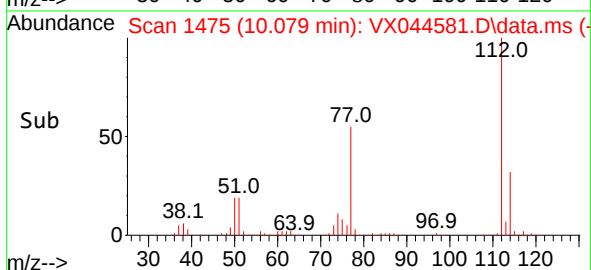
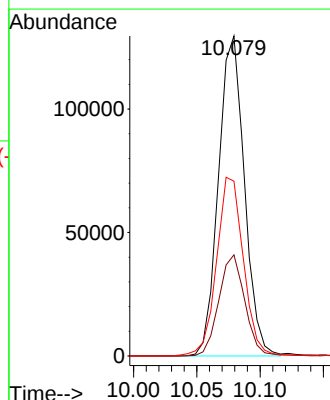
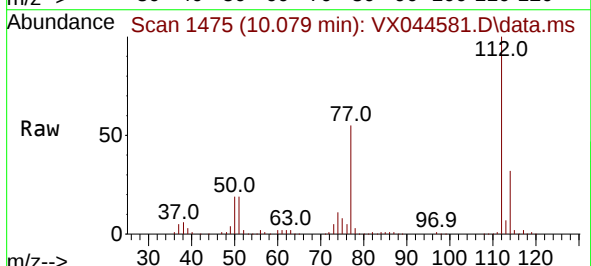
Tgt Ion:112 Resp: 184461

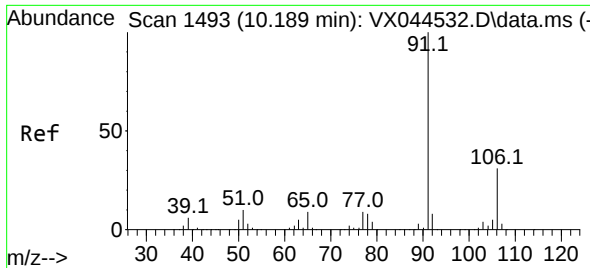
Ion Ratio Lower Upper

112 100

114 31.6 22.9 42.5

77 54.6 48.0 72.0

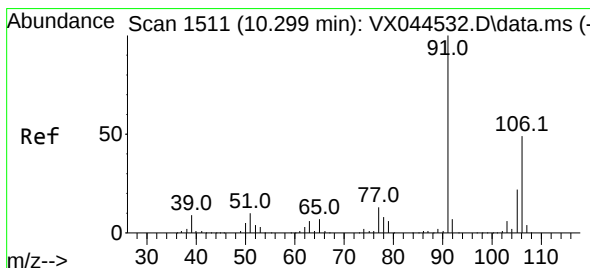
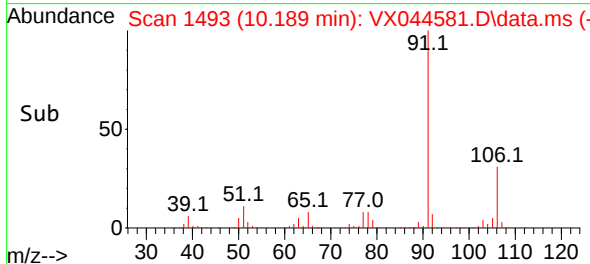
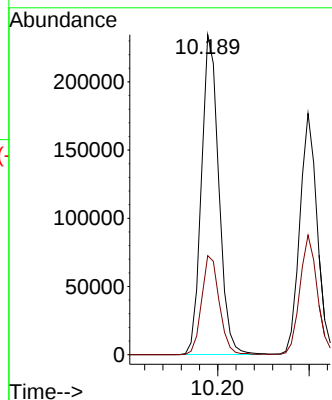
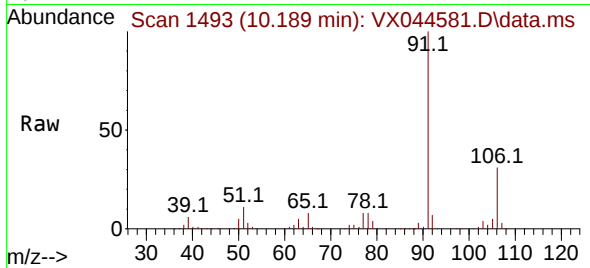




#52  
Ethylbenzene  
Concen: 45.890 ug/L  
RT: 10.189 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

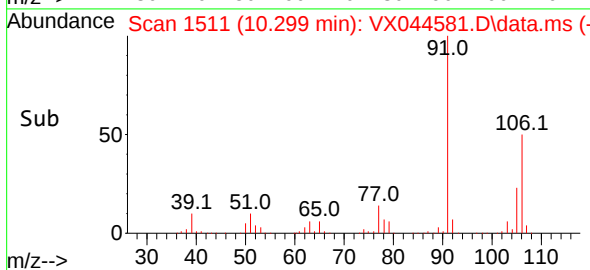
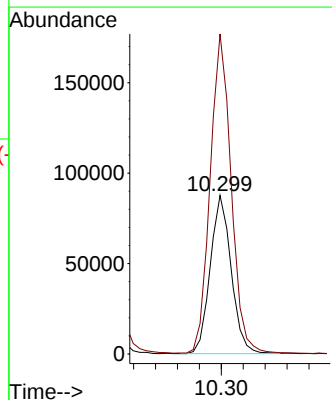
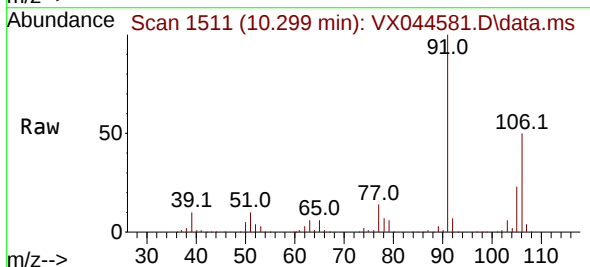
Instrument :  
MSVOA\_X  
ClientSampleId :

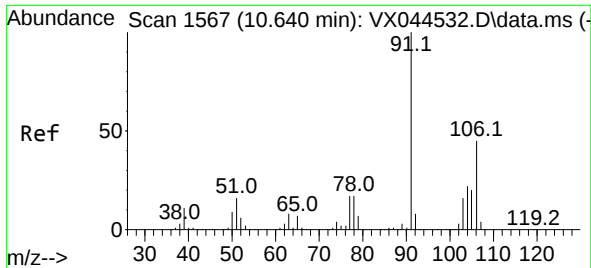
Tgt Ion: 91 Resp: 309353  
Ion Ratio Lower Upper  
91 100  
106 31.0 21.1 39.1



#53  
m,p-Xylene  
Concen: 47.571 ug/L  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

Tgt Ion: 106 Resp: 116154  
Ion Ratio Lower Upper  
106 100  
91 201.9 147.5 273.9

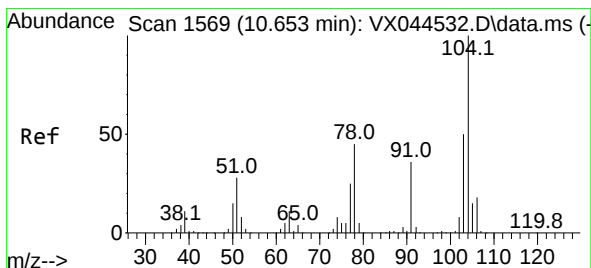
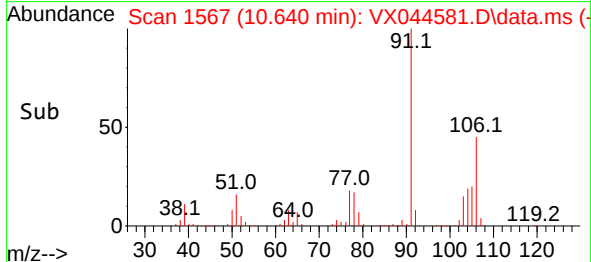
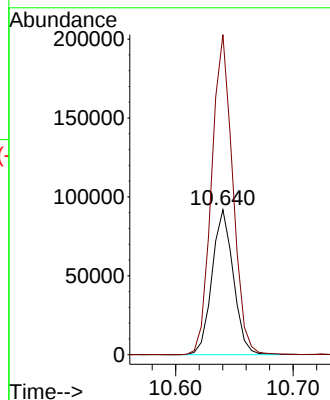
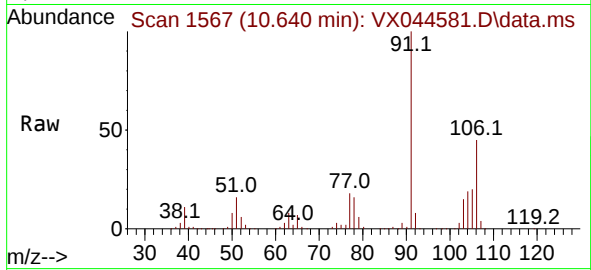




#54  
o-Xylene  
Concen: 46.113 ug/L  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

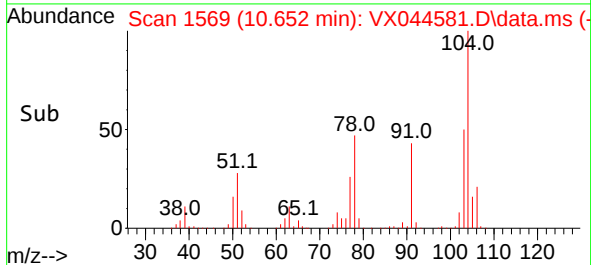
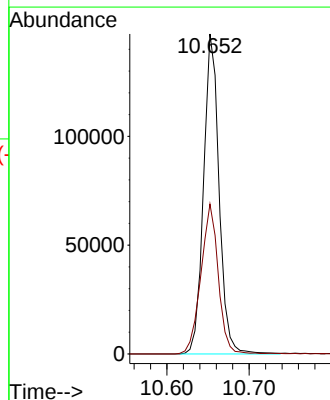
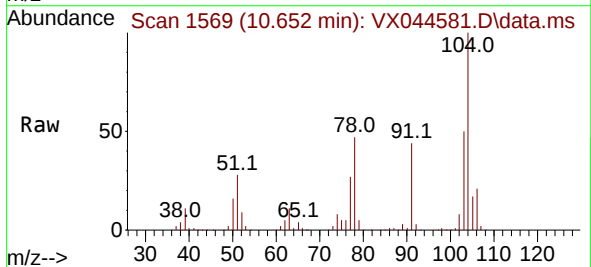
Instrument :  
MSVOA\_X  
ClientSampleId :

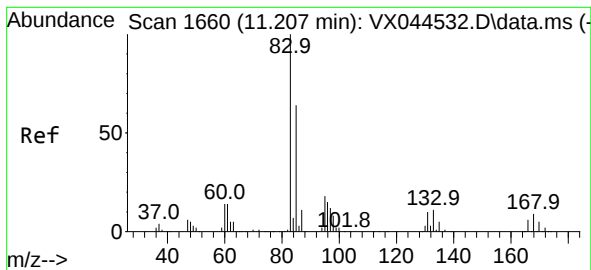
Tgt Ion:106 Resp: 115783  
Ion Ratio Lower Upper  
106 100  
91 220.8 153.7 285.5



#55  
Styrene  
Concen: 47.132 ug/L  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

Tgt Ion:104 Resp: 193011  
Ion Ratio Lower Upper  
104 100  
78 46.9 32.8 60.8

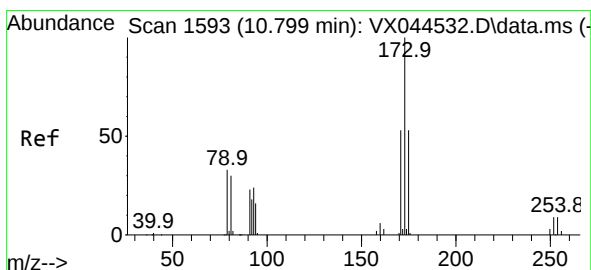
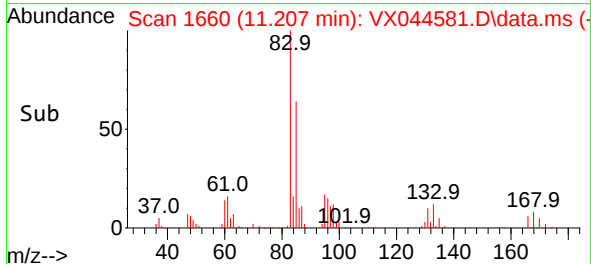
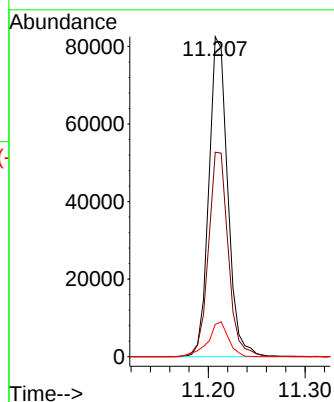
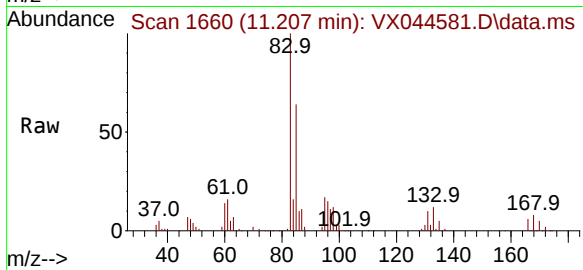




#57  
1,1,2,2-Tetrachloroethane  
Concen: 45.355 ug/L  
RT: 11.207 min Scan# 111825  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

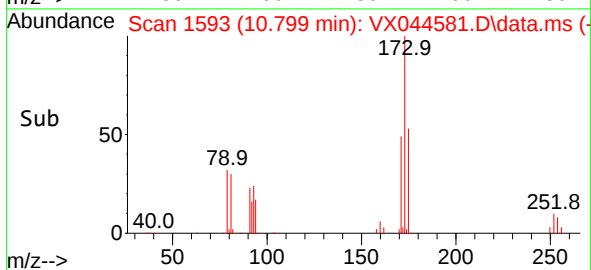
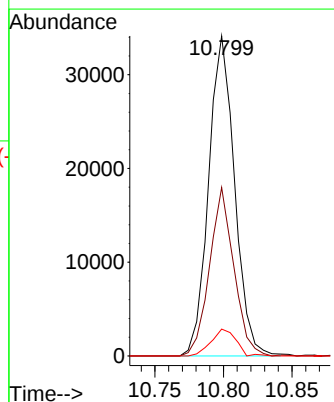
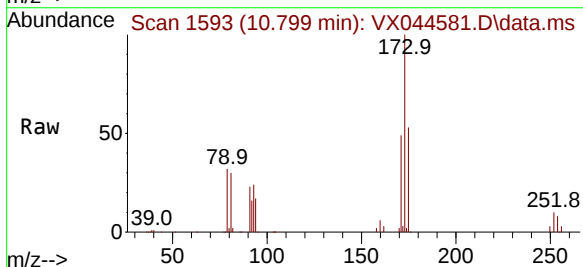
Instrument :  
MSVOA\_X  
ClientSampleId :

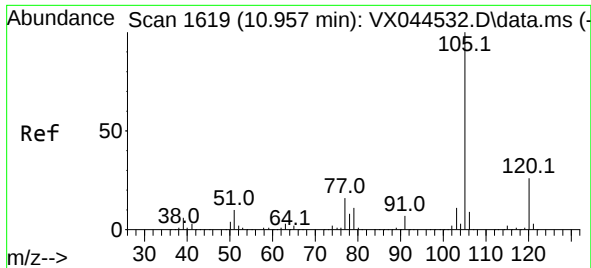
Tgt Ion: 83 Resp: 111825  
Ion Ratio Lower Upper  
83 100  
85 63.9 46.0 85.4  
131 10.1 8.8 13.2



#59  
Bromoform  
Concen: 49.386 ug/L  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

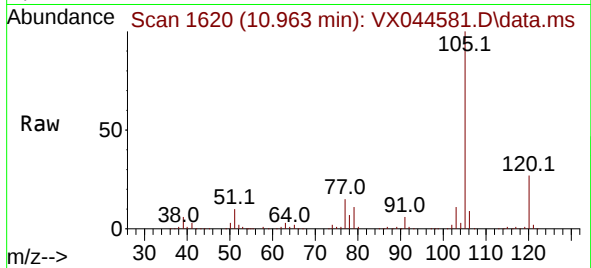
Tgt Ion:173 Resp: 44978  
Ion Ratio Lower Upper  
173 100  
175 49.2 40.0 60.0  
254 7.8 6.3 9.5



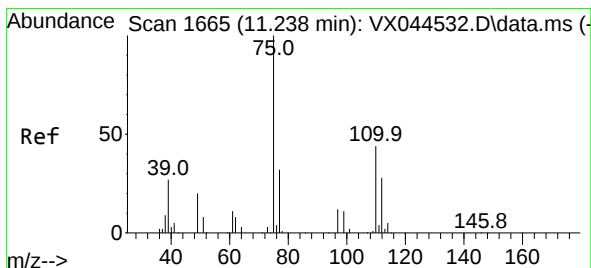
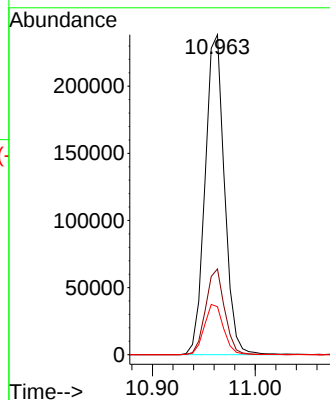
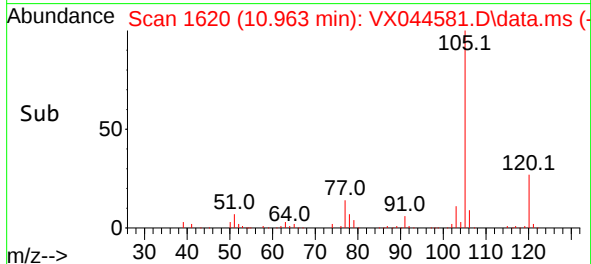


#60  
Isopropylbenzene  
Concen: 44.579 ug/L  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.006 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

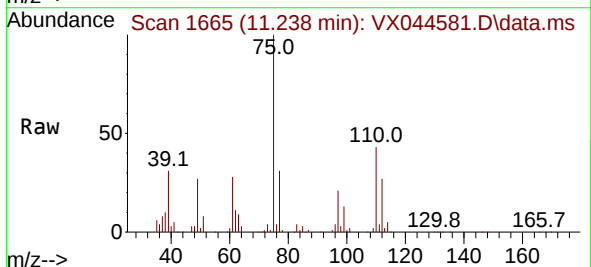
Instrument :  
MSVOA\_X  
ClientSampleId :



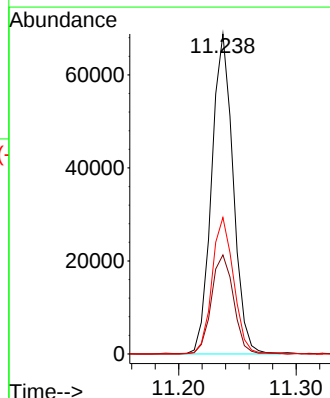
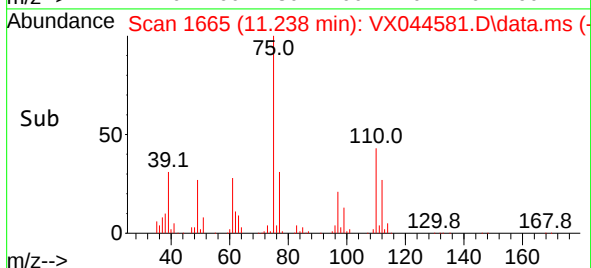
Tgt Ion:105 Resp: 312236  
Ion Ratio Lower Upper  
105 100  
120 26.3 20.6 31.0  
77 15.8 13.4 20.0

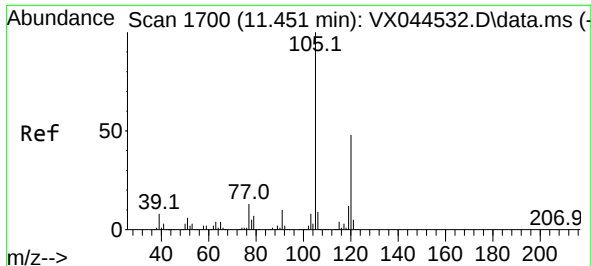


#61  
1,2,3-Trichloropropane  
Concen: 41.823 ug/L  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42



Tgt Ion: 75 Resp: 87924  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.8 38.6  
110 42.7 33.3 49.9

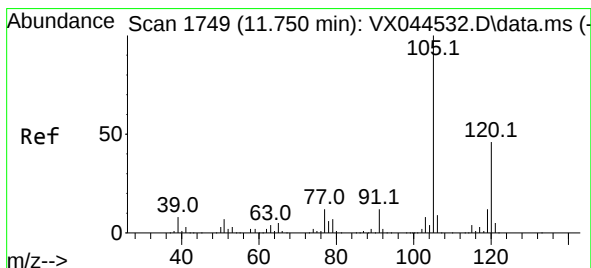
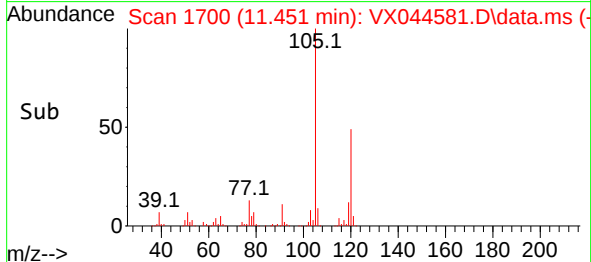
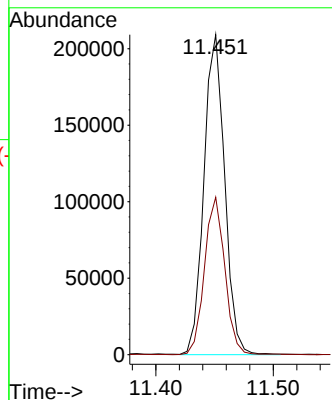
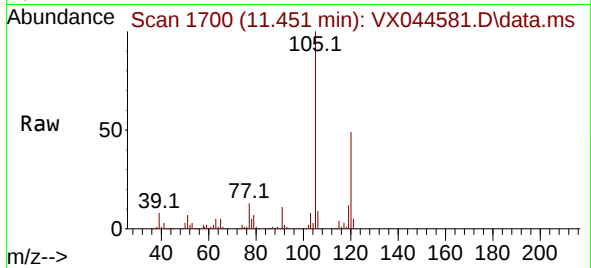




#62  
 1,3,5-Trimethylbenzene  
 Concen: 44.045 ug/L  
 RT: 11.451 min Scan# 1700  
 Delta R.T. -0.000 min  
 Lab File: VX044581.D  
 Acq: 31 Dec 2024 15:42

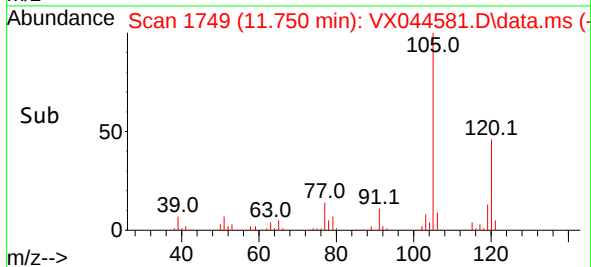
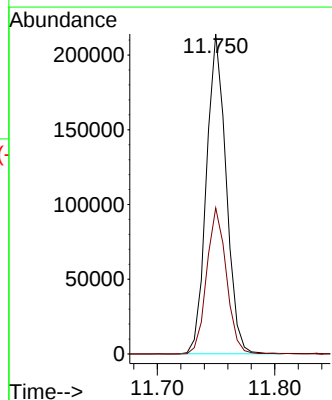
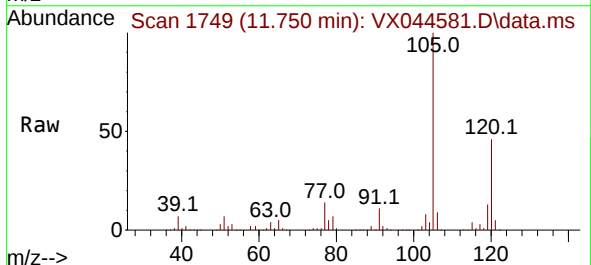
Instrument :  
 MSVOA\_X  
 ClientSampleId :

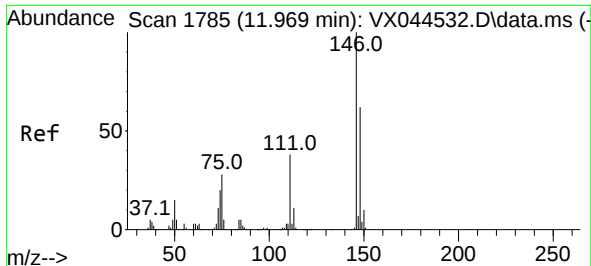
Tgt Ion:105 Resp: 256010  
 Ion Ratio Lower Upper  
 105 100  
 120 48.0 38.2 57.4



#63  
 1,2,4-Trimethylbenzene  
 Concen: 43.598 ug/L  
 RT: 11.750 min Scan# 1749  
 Delta R.T. -0.000 min  
 Lab File: VX044581.D  
 Acq: 31 Dec 2024 15:42

Tgt Ion:105 Resp: 248701  
 Ion Ratio Lower Upper  
 105 100  
 120 45.6 34.5 51.7

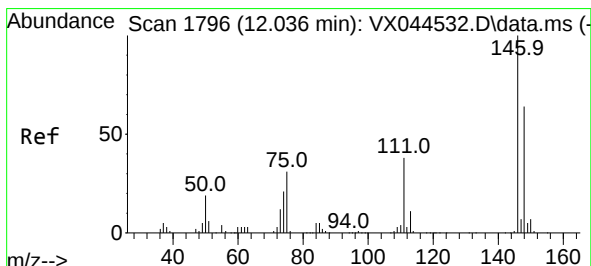
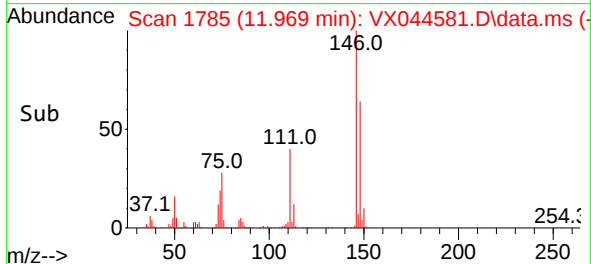
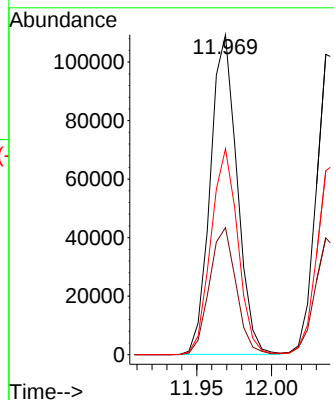
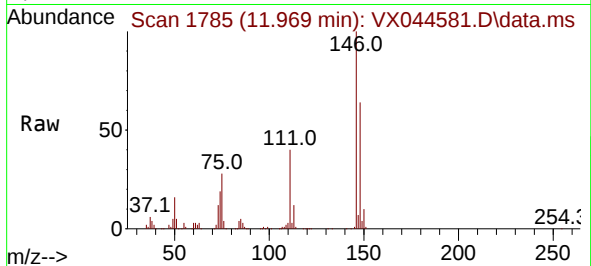




#64  
1,3-Dichlorobenzene  
Concen: 46.818 ug/L  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

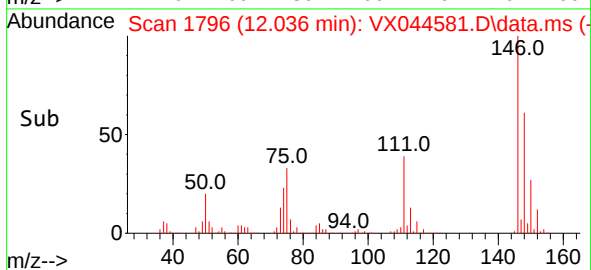
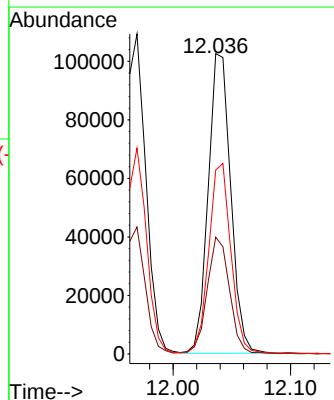
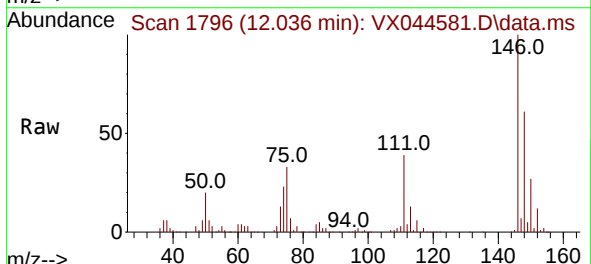
Instrument :  
MSVOA\_X  
ClientSampleId :

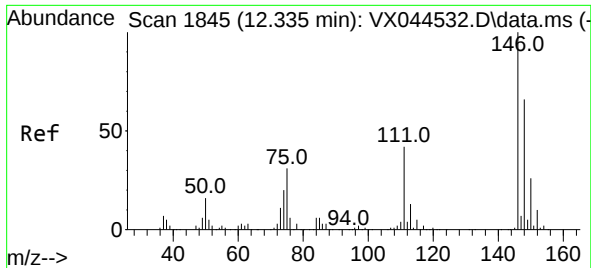
Tgt Ion:146 Resp: 135992  
Ion Ratio Lower Upper  
146 100  
111 39.7 28.8 53.4  
148 64.3 46.1 85.5



#65  
1,4-Dichlorobenzene  
Concen: 46.975 ug/L  
RT: 12.036 min Scan# 1796  
Delta R.T. -0.000 min  
Lab File: VX044581.D  
Acq: 31 Dec 2024 15:42

Tgt Ion:146 Resp: 136544  
Ion Ratio Lower Upper  
146 100  
111 38.9 29.5 54.7  
148 61.3 43.2 80.2

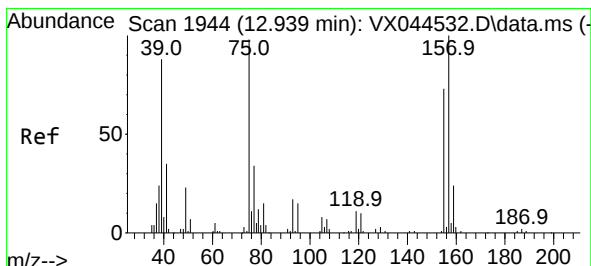
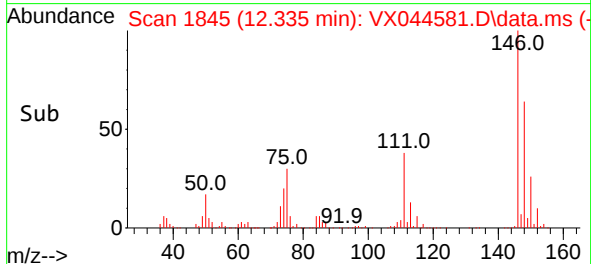
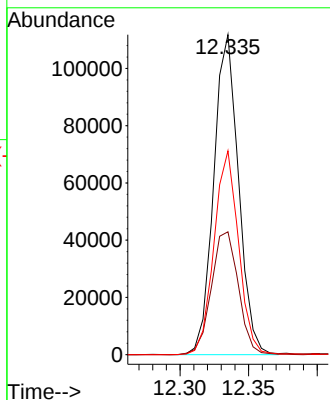
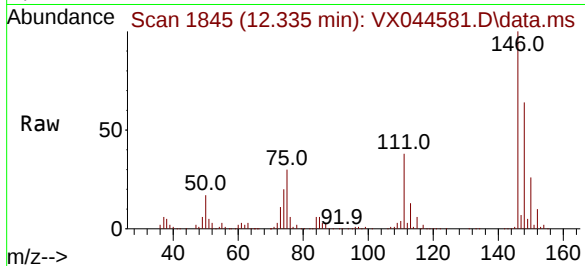




#67  
 1,2-Dichlorobenzene  
 Concen: 47.726 ug/L  
 RT: 12.335 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: VX044581.D  
 Acq: 31 Dec 2024 15:42

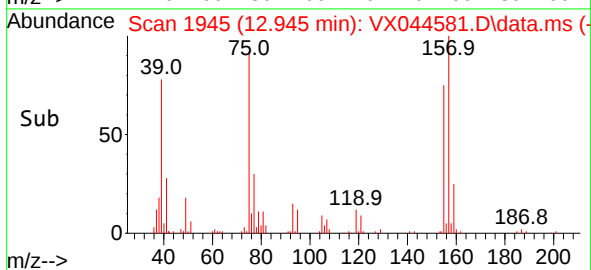
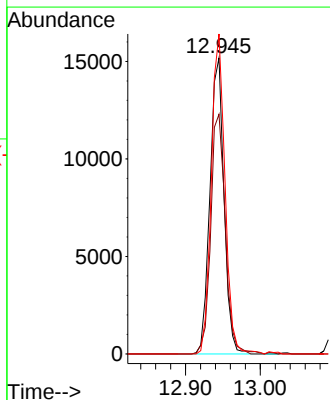
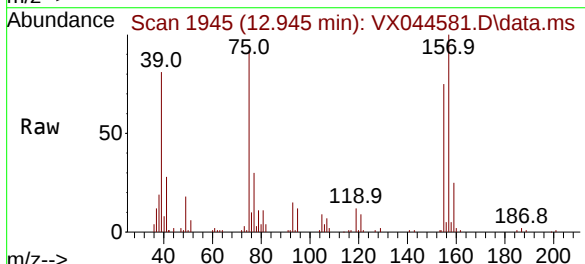
Instrument :  
 MSVOA\_X  
 ClientSampleId :

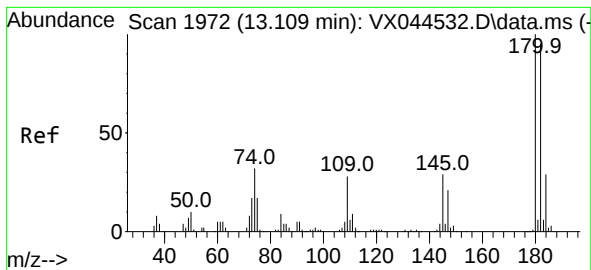
Tgt Ion:146 Resp: 140760  
 Ion Ratio Lower Upper  
 146 100  
 111 38.4 34.3 51.5  
 148 63.7 52.6 79.0



#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 41.497 ug/L  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.006 min  
 Lab File: VX044581.D  
 Acq: 31 Dec 2024 15:42

Tgt Ion: 75 Resp: 19827  
 Ion Ratio Lower Upper  
 75 100  
 155 81.0 60.5 90.7  
 157 108.1 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 49.781 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

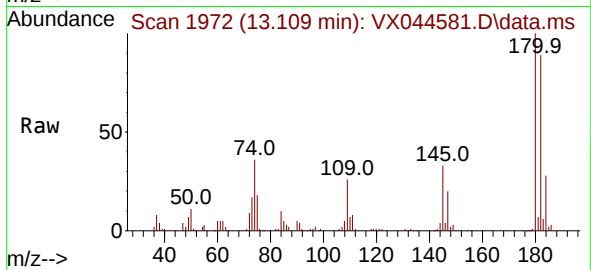
Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion:180 Resp: 90217

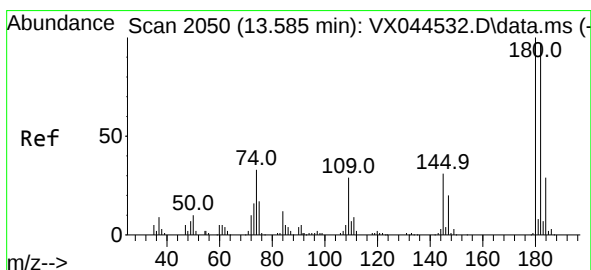
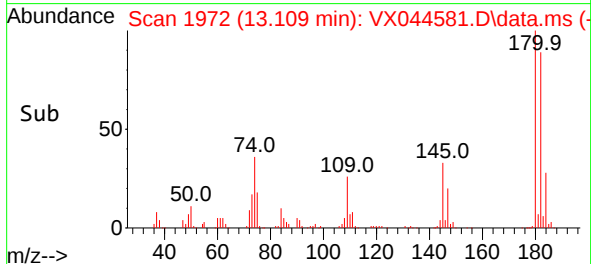
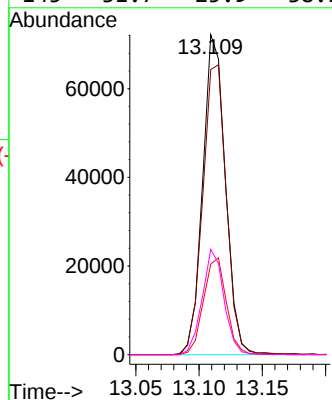
Ion Ratio Lower Upper

180 100

182 94.6 76.7 115.1

184 30.5 24.2 36.4

145 31.7 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 48.264 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

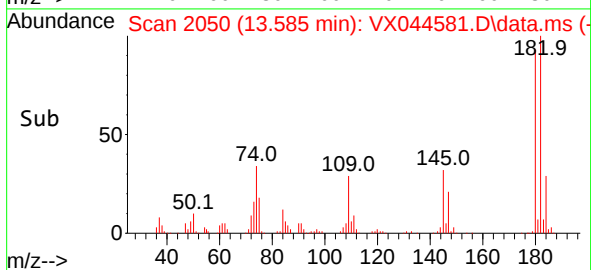
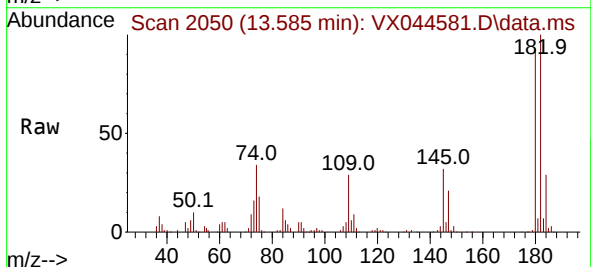
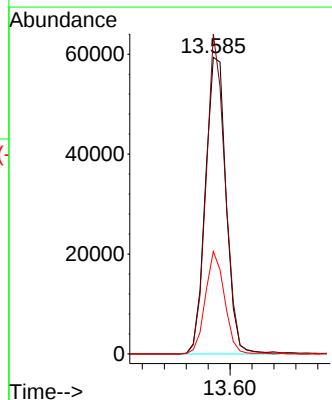
Tgt Ion:180 Resp: 77914

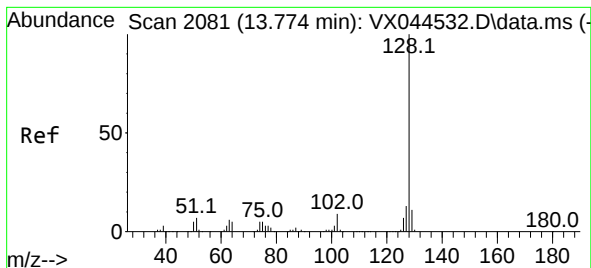
Ion Ratio Lower Upper

180 100

182 99.2 74.1 111.1

145 31.8 25.3 37.9





#71

Naphthalene

Concen: 42.644 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

Instrument :

MSVOA\_X

ClientSampleId :

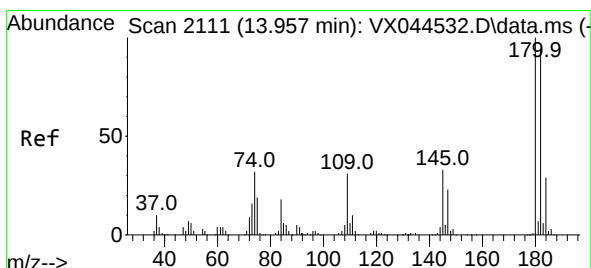
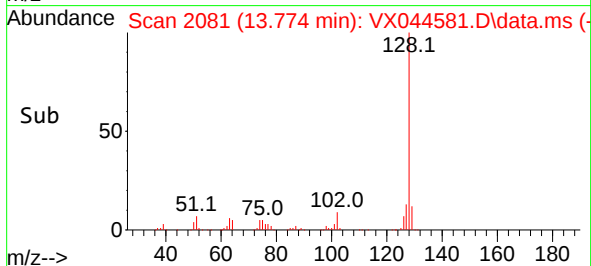
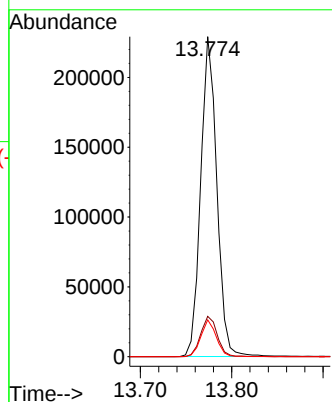
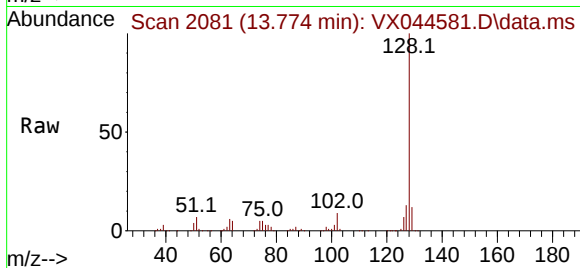
Tgt Ion:128 Resp: 280659

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 48.922 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX044581.D

Acq: 31 Dec 2024 15:42

Tgt Ion:180 Resp: 83897

Ion Ratio Lower Upper

180 100

182 95.4 73.8 110.6

145 33.3 27.4 41.2

