

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV091625\  
 Data File : VV039115.D  
 Acq On : 16 Sep 2025 18:08  
 Operator : SY/MD  
 Sample : Q3084-19MS 100X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 17 02:26:37 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091525WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 17 02:19:46 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114   | 364192   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.776  | 117   | 383532   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.175 | 152   | 178059   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.291  | 65    | 109544   | 3.814    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 76.200%  |
| 7) Chloroethane-d5            | 1.545  | 69    | 110799   | 4.451    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.072  | 65    | 54599    | 3.990    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 79.800%  |
| 20) 2-Butanone-d5             | 3.793  | 46    | 260492   | 61.059   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 122.120% |
| 24) Chloroform-d              | 4.256  | 84    | 281524   | 5.047    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.000% |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 122640   | 5.220    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.400% |
| 32) Benzene-d6                | 4.963  | 84    | 489797   | 4.667    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67    | 162026   | 5.165    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 103.400% |
| 41) Toluene-d8                | 7.239  | 98    | 449628   | 4.786    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.800%  |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79    | 58206    | 5.073    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 101.400% |
| 46) 2-Hexanone-d5             | 8.014  | 63    | 209641   | 56.439   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 112.880% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.143 | 84    | 119639   | 5.342    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 106.800% |
| 66) 1,2-Dichlorobenzene-d4    | 11.551 | 152   | 125546   | 4.380    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 87.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.121  | 85    | 191737   | 5.021    | ug/L   | 100      |
| 3) Chloromethane              | 1.227  | 50    | 194625   | 5.190    | ug/L   | 100      |
| 5) Vinyl chloride             | 1.294  | 62    | 209939   | 5.264    | ug/L   | 99       |
| 6) Bromomethane               | 1.497  | 94    | 106324   | 4.675    | ug/L   | 99       |
| 8) Chloroethane               | 1.561  | 64    | 127674   | 5.138    | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.725  | 101   | 281151   | 5.233    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.079  | 101   | 172015   | 5.197    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.082  | 96    | 225013   | 7.525    | ug/L   | 86       |
| 13) Acetone                   | 2.121  | 43    | 197364   | 54.994   | ug/L   | 96       |
| 14) Carbon disulfide          | 2.252  | 76    | 521558   | 5.098    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.387  | 43    | 54055    | 5.998    | ug/L   | 95       |
| 16) Methylene chloride        | 2.455  | 84    | 178791   | 5.312    | ug/L   | 93       |
| 17) Methyl tert-butyl Ether   | 2.712  | 73    | 268037   | 5.213    | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 2.706  | 96    | 158831   | 5.218    | ug/L   | 91       |
| 19) 1,1-Dichloroethane        | 3.117  | 63    | 1322014  | 23.680   | ug/L   | 99       |
| 21) 2-Butanone                | 3.873  | 43    | 275083   | 57.785   | ug/L   | 98       |
| 22) cis-1,2-Dichloroethene    | 3.821  | 96    | 253652   | 8.538    | ug/L   | 92       |
| 23) Bromochloromethane        | 4.156  | 128   | 71046    | 5.228    | ug/L   | 92       |
| 25) Chloroform                | 4.281  | 83    | 325614   | 5.629    | ug/L   | 99       |

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 Sample : Q3084-19MS 100X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

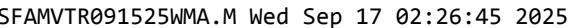
Instrument :  
 MSVOA\_V  
 ClientSampleId :

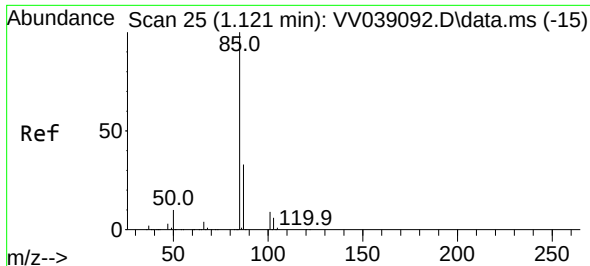
Quant Time: Sep 17 02:26:37 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091525WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 17 02:19:46 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.043  | 62   | 187756   | 6.326  | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 4.516  | 97   | 288628   | 5.465  | ug/L  | 97       |
| 30) Cyclohexane               | 4.587  | 56   | 241565   | 5.158  | ug/L  | 97       |
| 31) Carbon tetrachloride      | 4.738  | 117  | 243788   | 5.093  | ug/L  | 97       |
| 33) Benzene                   | 5.011  | 78   | 680404   | 5.636  | ug/L  | 100      |
| 34) Trichloroethene           | 5.831  | 95   | 347998   | 10.694 | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.050  | 83   | 257826   | 5.064  | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 6.088  | 63   | 179467   | 5.732  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.429  | 83   | 230248   | 5.657  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 6.950  | 75   | 218353   | 5.257  | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 7.149  | 43   | 787960   | 63.520 | ug/L  | 97       |
| 42) Toluene                   | 7.310  | 91   | 724339   | 5.757  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.577  | 75   | 190208   | 5.635  | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 7.763  | 97   | 125060   | 5.816  | ug/L  | 96       |
| 47) Tetrachloroethene         | 7.898  | 164  | 133416   | 5.245  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.066  | 43   | 564996   | 65.517 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.169  | 129  | 140137   | 5.568  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.278  | 107  | 110779   | 5.742  | ug/L  | 97       |
| 51) Chlorobenzene             | 8.805  | 112  | 454347   | 5.595  | ug/L  | 99       |
| 52) Ethylbenzene              | 8.937  | 91   | 711270   | 5.487  | ug/L  | 98       |
| 53) m,p-Xylene                | 9.066  | 106  | 282254   | 5.598  | ug/L  | 98       |
| 54) o-Xylene                  | 9.468  | 106  | 253497   | 5.480  | ug/L  | 99       |
| 55) Styrene                   | 9.487  | 104  | 472484   | 5.782  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.169 | 83   | 135466   | 5.653  | ug/L  | 96       |
| 59) Bromoform                 | 9.657  | 173  | 70211    | 5.558  | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.857  | 105  | 688225   | 5.778  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.201 | 75   | 89104    | 5.941  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.468 | 105  | 455763   | 4.985  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.841 | 105  | 465071   | 5.178  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.107 | 146  | 313591   | 5.396  | ug/L  | 97       |
| 65) 1,4-Dichlorobenzene       | 11.197 | 146  | 340017   | 5.656  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.567 | 146  | 268939   | 5.222  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.355 | 75   | 18073    | 5.531  | ug/L  | 96       |
| 69) 1,3,5-Trichlorobenzene    | 12.570 | 180  | 183219   | 4.811  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.188 | 180  | 132955   | 4.637  | ug/L  | 98       |
| 71) Naphthalene               | 13.426 | 128  | 202259   | 4.629  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.667 | 180  | 122115   | 4.777  | ug/L  | 98       |

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

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QLast Update : Wed Sep 17 02:19:46 2025  
Response via : Initial Calibration

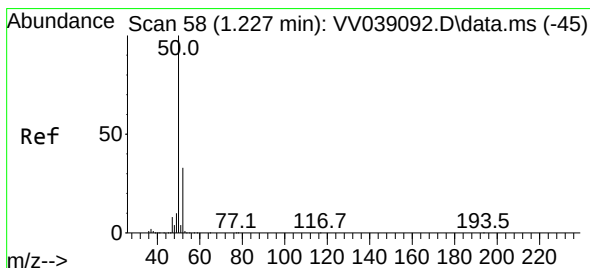
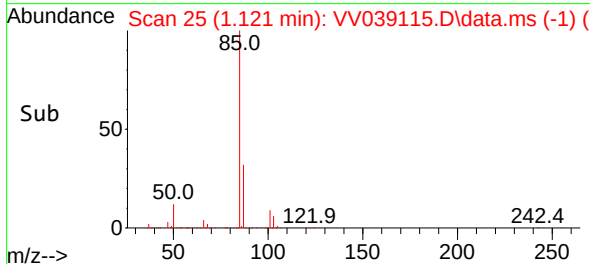
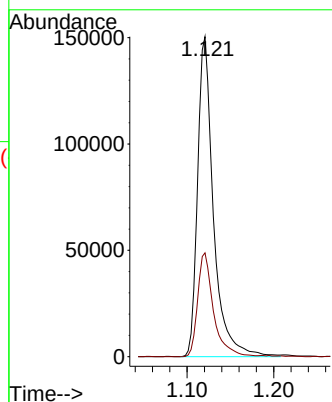
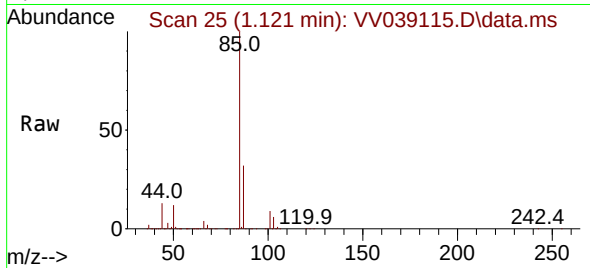




#2  
 Dichlorodifluoromethane  
 Concen: 5.021 ug/L  
 RT: 1.121 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08

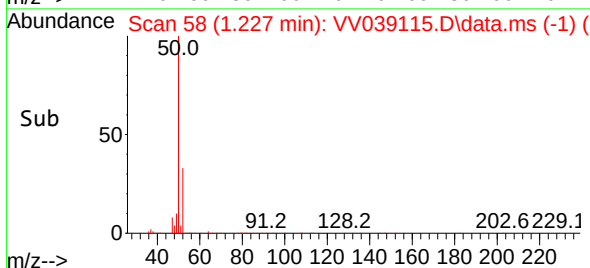
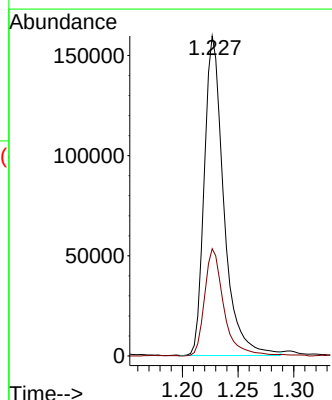
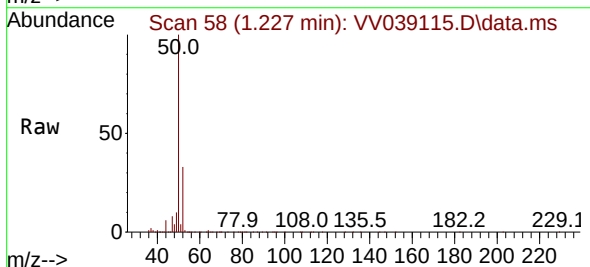
Instrument :  
 MSVOA\_V  
 ClientSampleId :

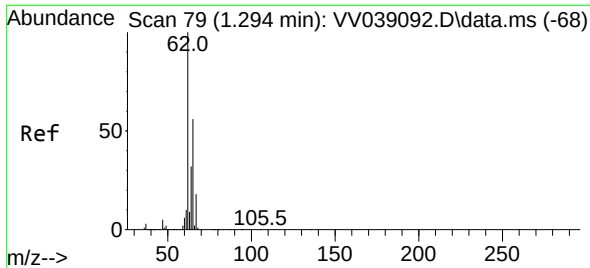
Tgt Ion: 85 Resp: 191737  
 Ion Ratio Lower Upper  
 85 100  
 87 32.4 25.9 38.9



#3  
 Chloromethane  
 Concen: 5.190 ug/L  
 RT: 1.227 min Scan# 58  
 Delta R.T. -0.000 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08

Tgt Ion: 50 Resp: 194625  
 Ion Ratio Lower Upper  
 50 100  
 52 33.5 23.4 43.6

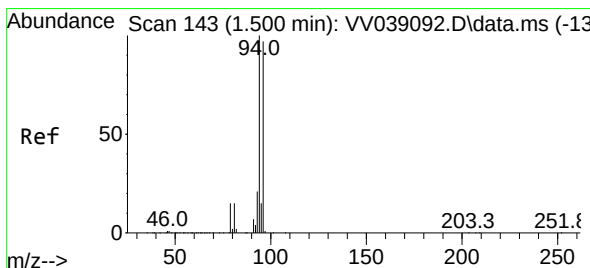
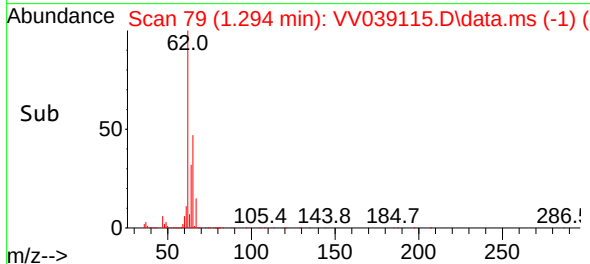
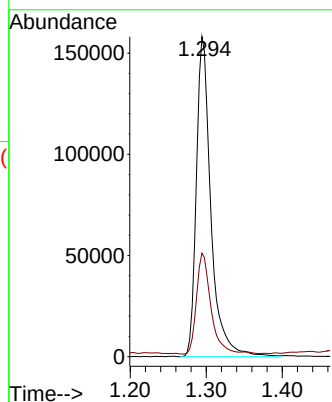
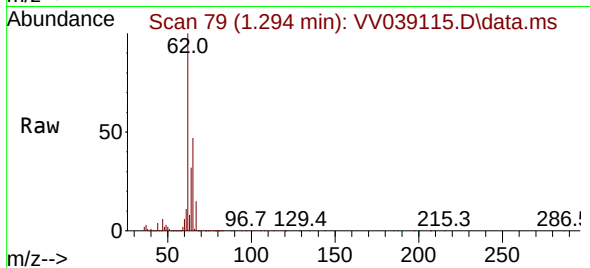




#5  
 Vinyl chloride  
 Concen: 5.264 ug/L  
 RT: 1.294 min Scan# 79  
 Delta R.T. -0.000 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08

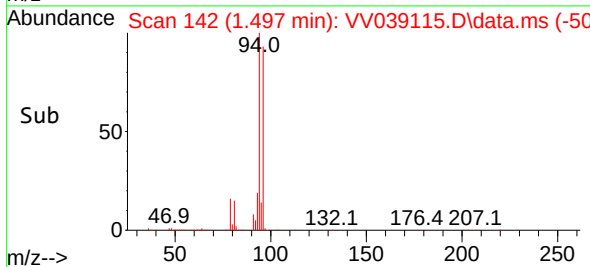
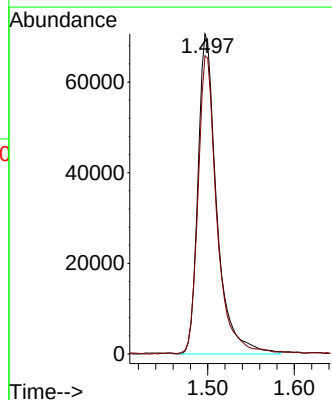
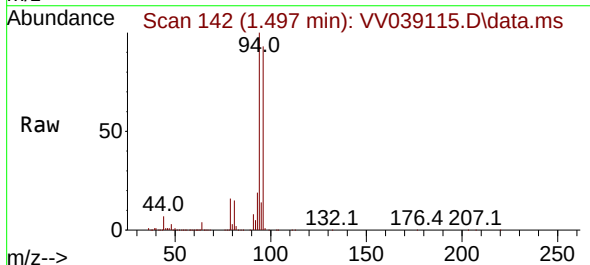
Instrument :  
 MSVOA\_V  
 ClientSampleId :

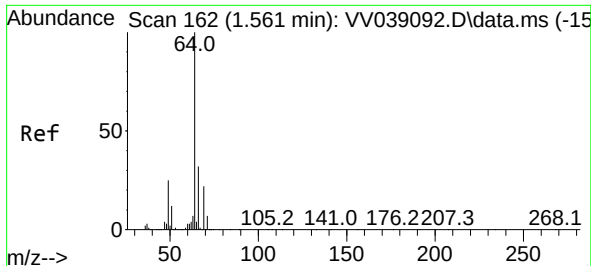
Tgt Ion: 62 Resp: 209939  
 Ion Ratio Lower Upper  
 62 100  
 64 32.3 22.4 41.6



#6  
 Bromomethane  
 Concen: 4.675 ug/L  
 RT: 1.497 min Scan# 142  
 Delta R.T. -0.003 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08

Tgt Ion: 94 Resp: 106324  
 Ion Ratio Lower Upper  
 94 100  
 96 93.2 65.9 122.5

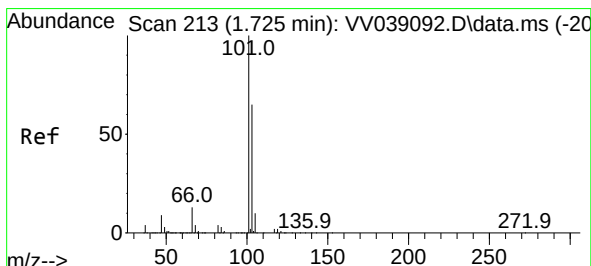
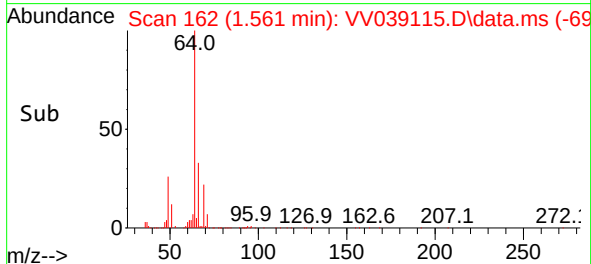
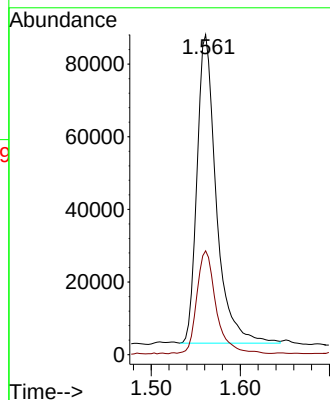
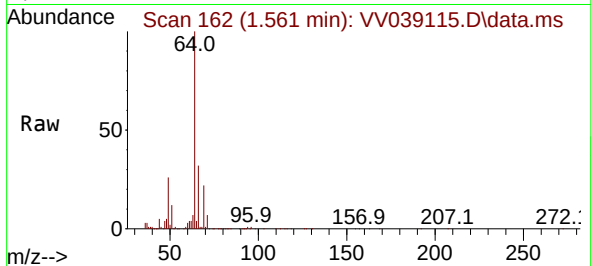




#8  
Chloroethane  
Concen: 5.138 ug/L  
RT: 1.561 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

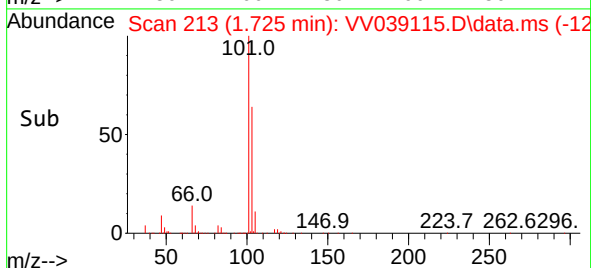
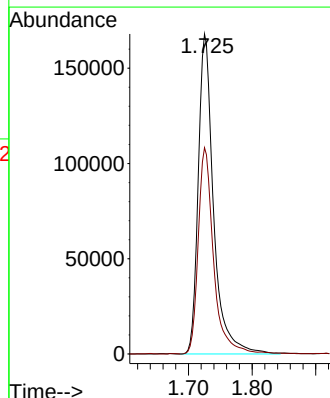
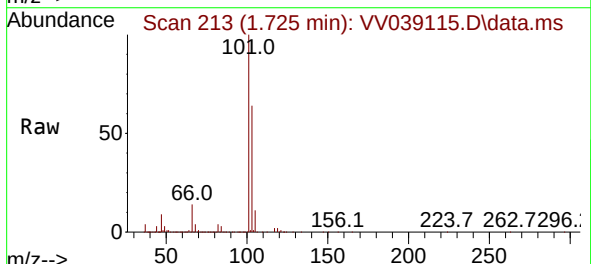
Instrument :  
MSVOA\_V  
ClientSampleId :

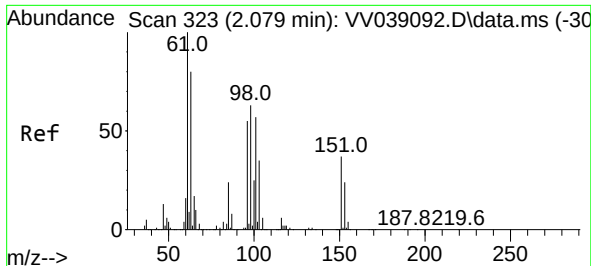
Tgt Ion: 64 Resp: 127674  
Ion Ratio Lower Upper  
64 100  
66 32.4 22.3 41.5



#9  
Trichlorofluoromethane  
Concen: 5.233 ug/L  
RT: 1.725 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Tgt Ion: 101 Resp: 281151  
Ion Ratio Lower Upper  
101 100  
103 64.3 50.7 76.1

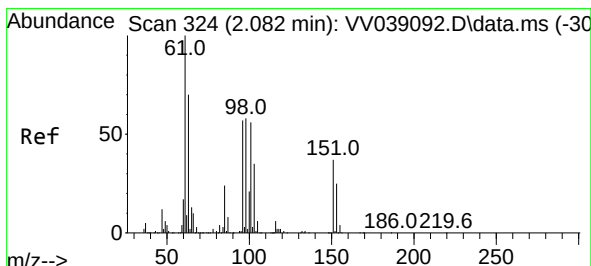
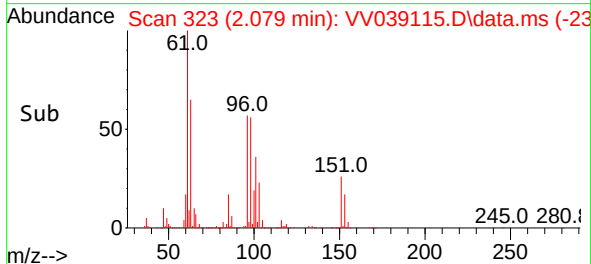
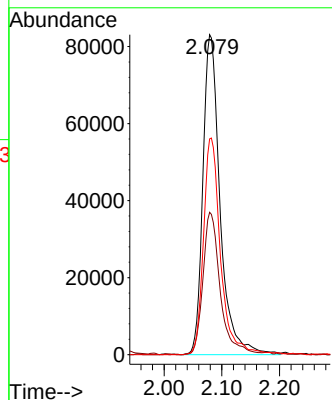
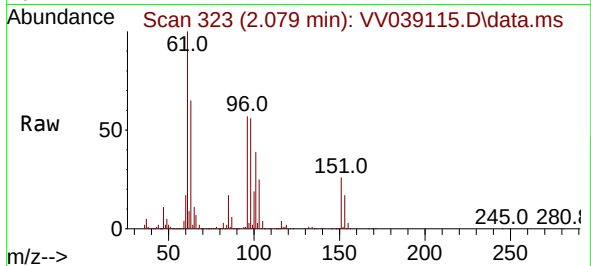




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 5.197 ug/L  
 RT: 2.079 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08

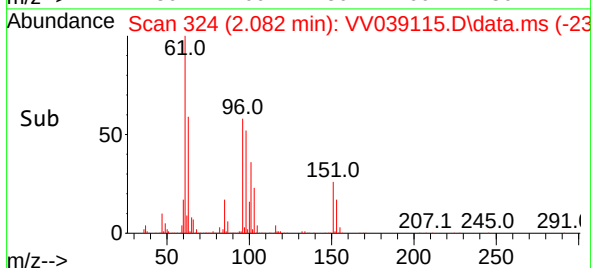
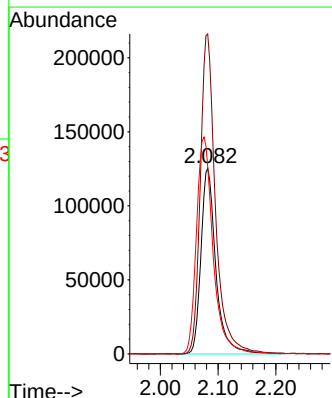
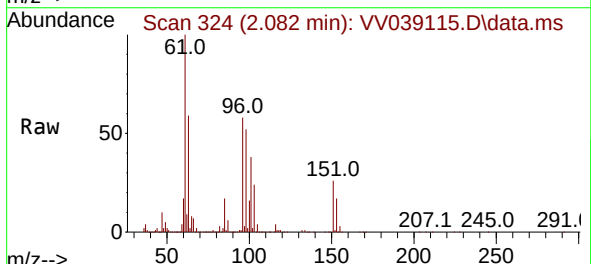
Instrument :  
 MSVOA\_V  
 ClientSampleId :

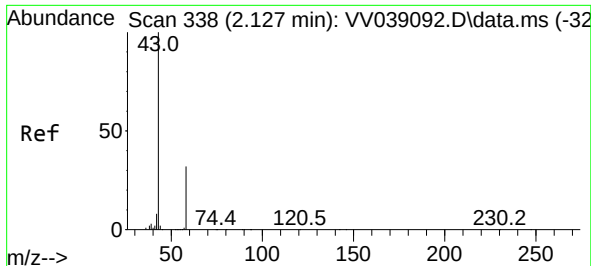
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 Ion Ratio Lower Upper  
 101 100  
 85 44.7 35.4 53.0  
 151 67.5 55.4 83.0



#12  
 1,1-Dichloroethene  
 Concen: 7.525 ug/L  
 RT: 2.082 min Scan# 324  
 Delta R.T. -0.000 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08

Tgt Ion: 96 Resp: 225013  
 Ion Ratio Lower Upper  
 96 100  
 61 172.3 124.7 231.7  
 63 101.1 93.5 173.7





#13

Acetone

Concen: 54.994 ug/L

RT: 2.121 min Scan# 338

Delta R.T. -0.007 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

Instrument :

MSVOA\_V

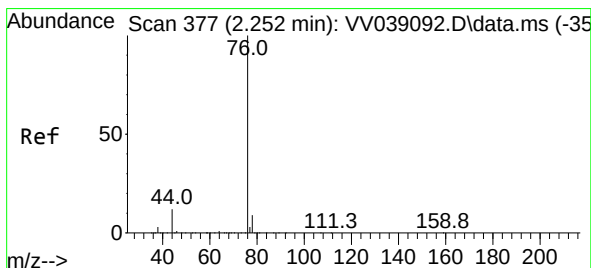
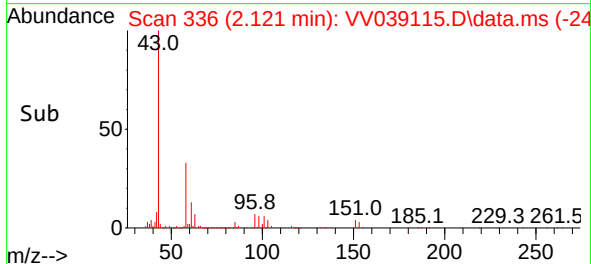
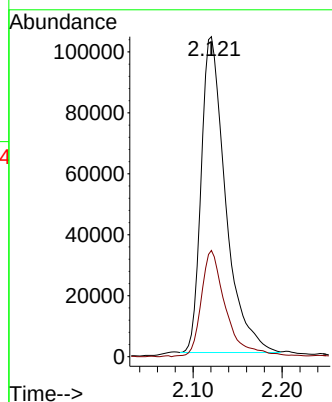
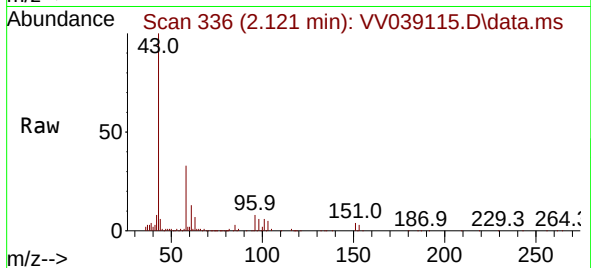
ClientSampleId :

Tgt Ion: 43 Resp: 197364

Ion Ratio Lower Upper

43 100

58 34.3 0.0 64.0



#14

Carbon disulfide

Concen: 5.098 ug/L

RT: 2.252 min Scan# 377

Delta R.T. -0.000 min

Lab File: VV039115.D

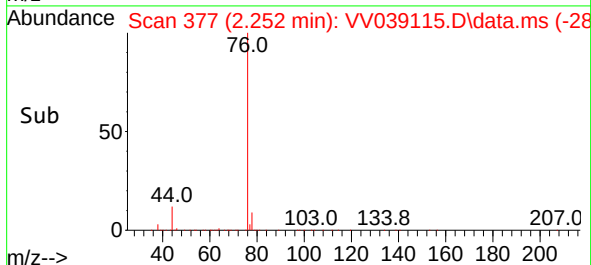
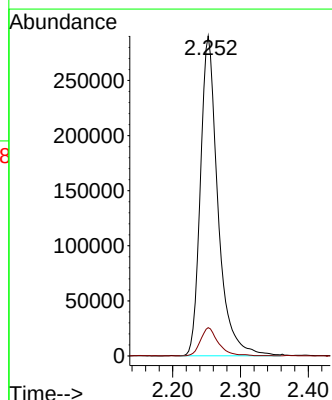
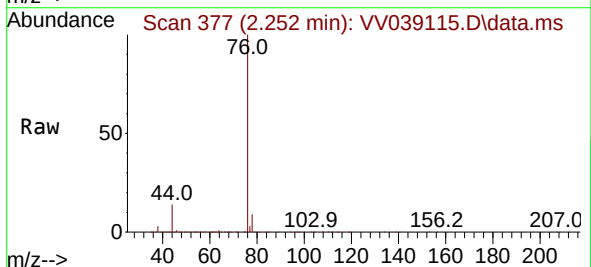
Acq: 16 Sep 2025 18:08

Tgt Ion: 76 Resp: 521558

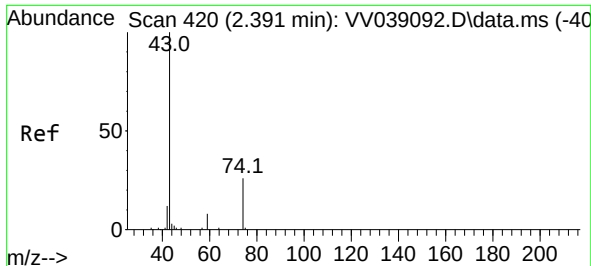
Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

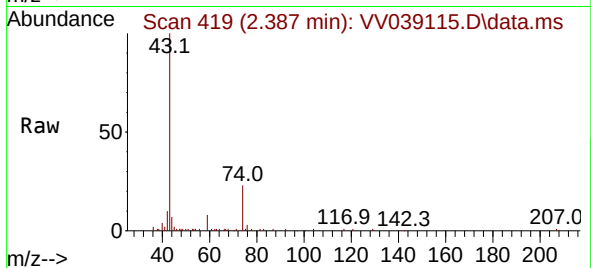




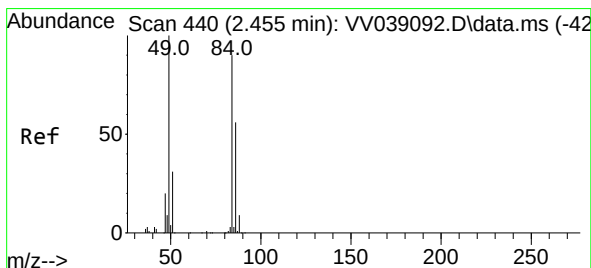
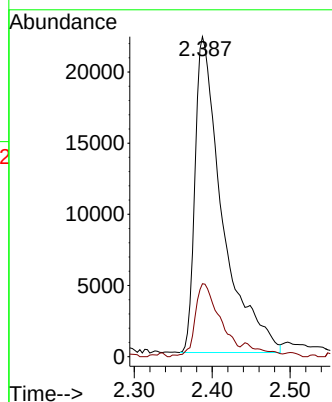
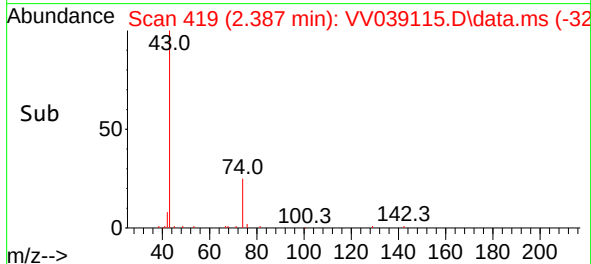


#15  
Methyl Acetate  
Concen: 5.998 ug/L  
RT: 2.387 min Scan# 419  
Delta R.T. -0.003 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Instrument :  
MSVOA\_V  
ClientSampleId :

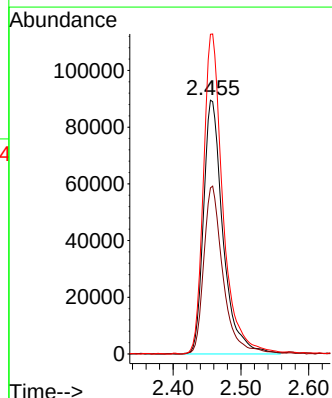
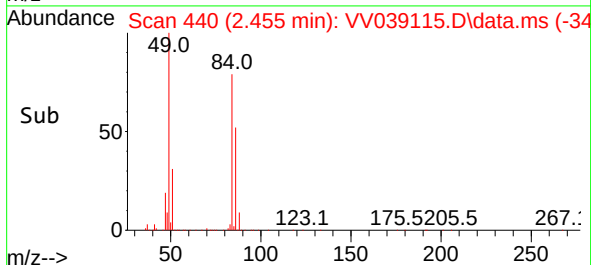
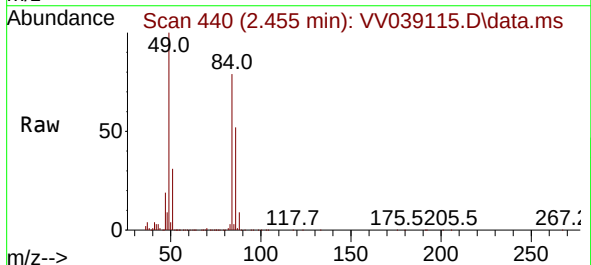


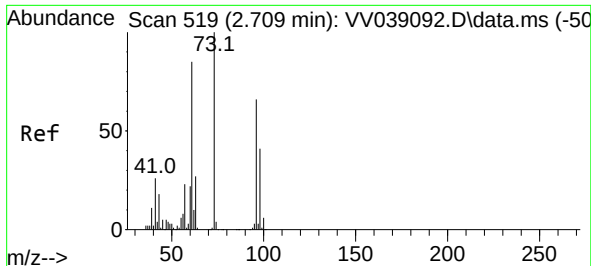
Tgt Ion: 43 Resp: 54055  
Ion Ratio Lower Upper  
43 100  
74 20.9 18.8 28.2



#16  
Methylene chloride  
Concen: 5.312 ug/L  
RT: 2.455 min Scan# 440  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Tgt Ion: 84 Resp: 178791  
Ion Ratio Lower Upper  
84 100  
86 65.4 44.2 82.2  
49 126.0 80.6 149.6





#17

Methyl tert-butyl Ether

Concen: 5.213 ug/L

RT: 2.712 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

Instrument :

MSVOA\_V

ClientSampleId :

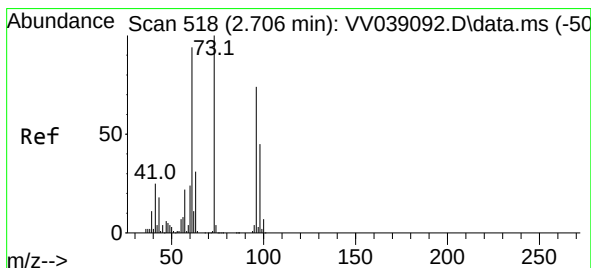
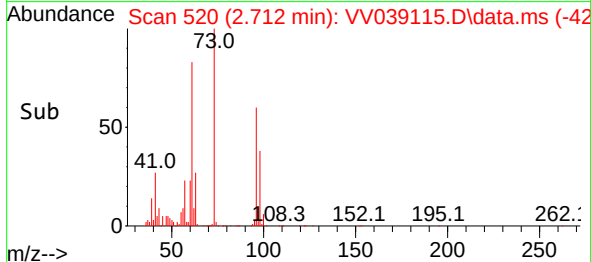
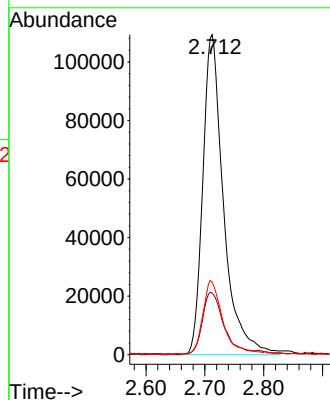
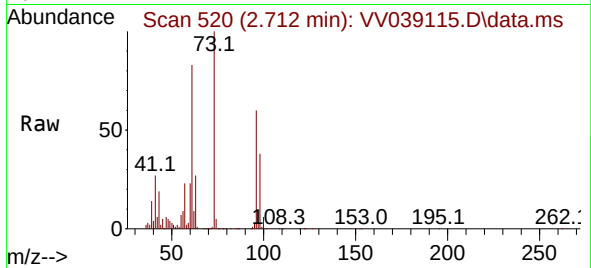
Tgt Ion: 73 Resp: 268037

Ion Ratio Lower Upper

73 100

43 19.6 14.7 22.1

57 21.6 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 5.218 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

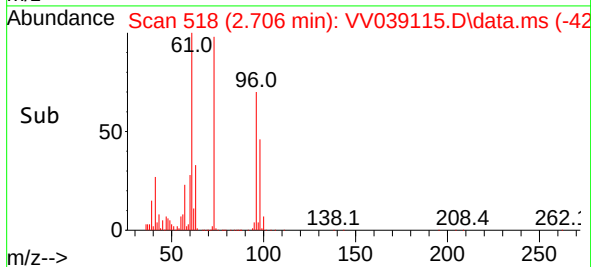
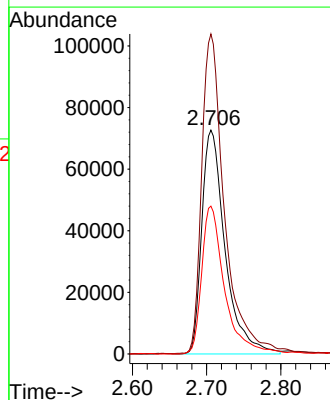
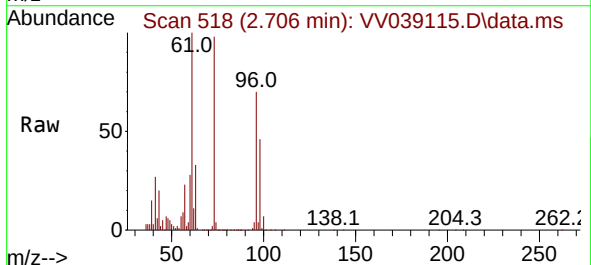
Tgt Ion: 96 Resp: 158831

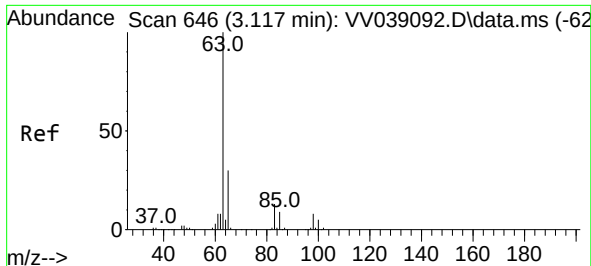
Ion Ratio Lower Upper

96 100

61 143.0 89.7 166.5

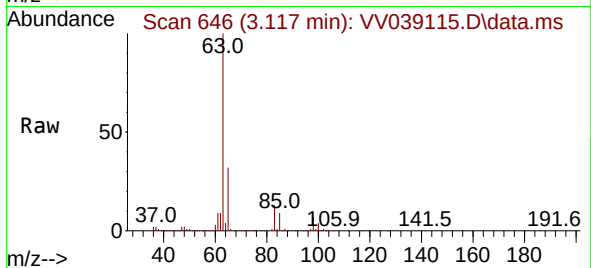
98 66.0 44.9 83.3





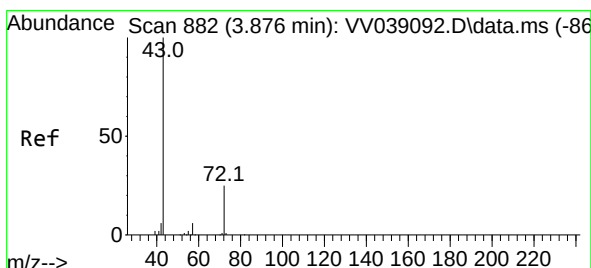
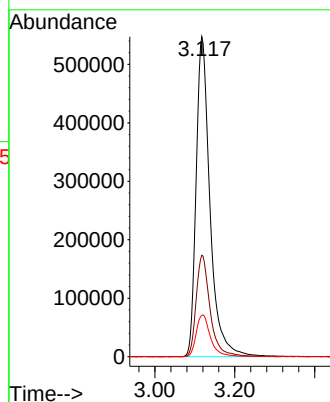
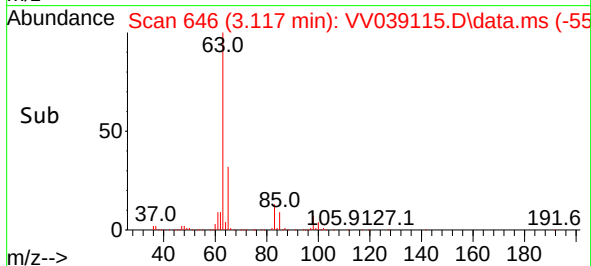
#19  
1,1-Dichloroethane  
Concen: 23.680 ug/L  
RT: 3.117 min Scan# 646  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion: 63 Resp: 1322014

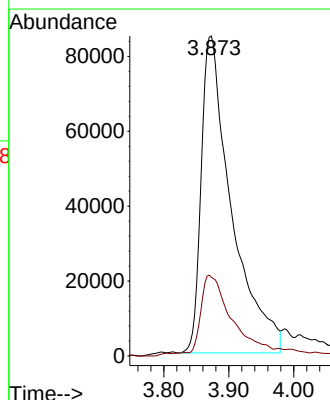
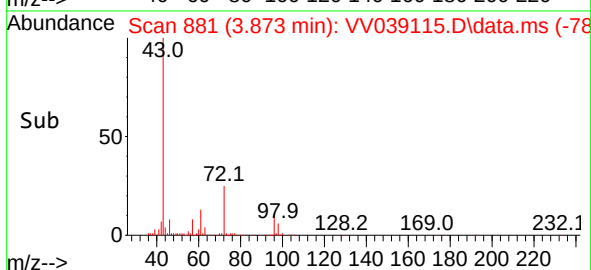
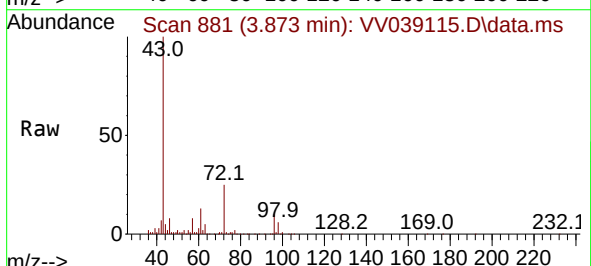
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 65  | 31.7  | 21.5  | 39.9  |
| 83  | 12.9  | 9.2   | 17.2  |

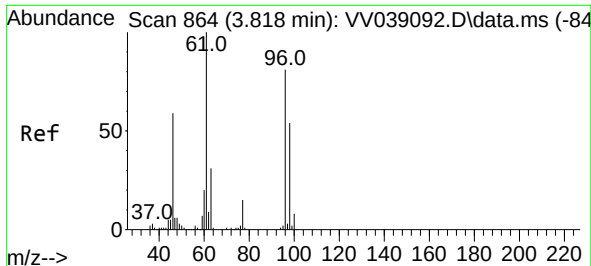


#21  
2-Butanone  
Concen: 57.785 ug/L  
RT: 3.873 min Scan# 881  
Delta R.T. -0.003 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Tgt Ion: 43 Resp: 275083

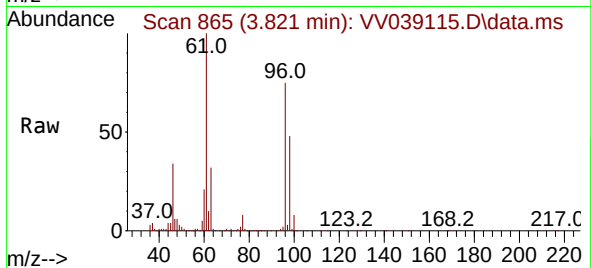
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 25.0  | 12.0  | 36.0  |



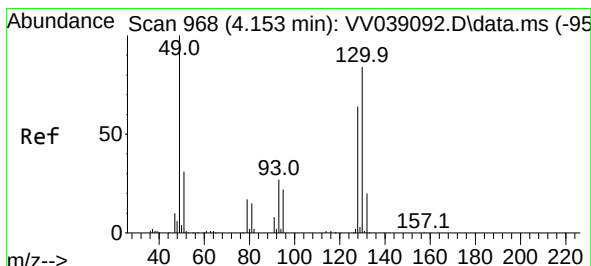
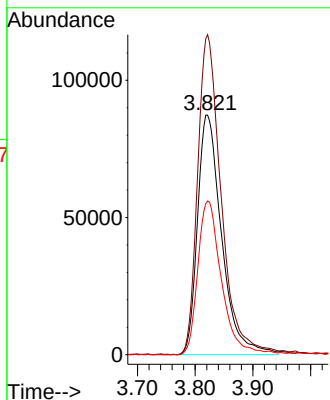
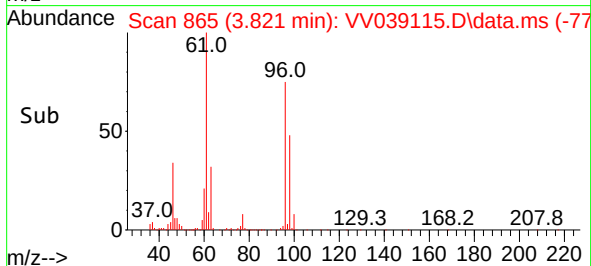


#22  
 cis-1,2-Dichloroethene  
 Concen: 8.538 ug/L  
 RT: 3.821 min Scan# 864  
 Delta R.T. 0.003 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08

Instrument :  
 MSVOA\_V  
 ClientSampleId :

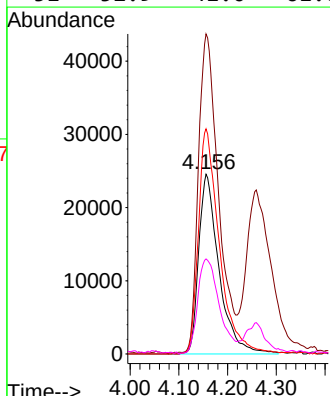
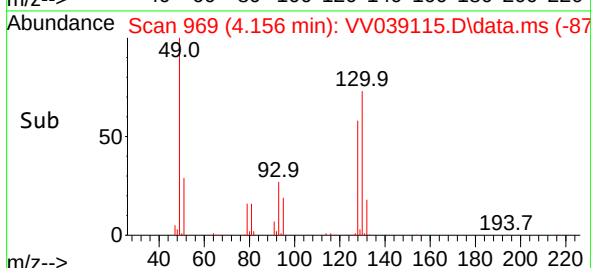
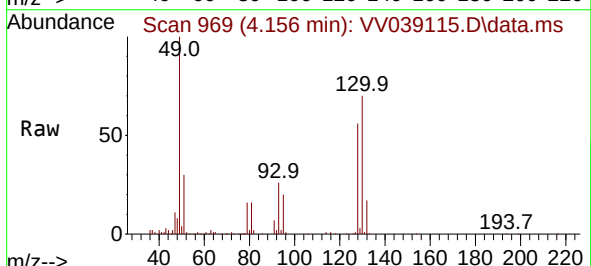


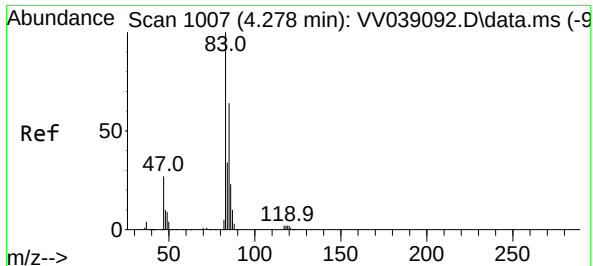
Tgt Ion: 96 Resp: 253652  
 Ion Ratio Lower Upper  
 96 100  
 61 133.6 85.4 158.6  
 98 64.2 46.6 86.6



#23  
 Bromochloromethane  
 Concen: 5.228 ug/L  
 RT: 4.156 min Scan# 969  
 Delta R.T. 0.003 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08

Tgt Ion: 128 Resp: 71046  
 Ion Ratio Lower Upper  
 128 100  
 49 178.1 115.3 214.1  
 130 125.3 93.2 173.0  
 51 52.9 41.0 61.6





#25

Chloroform

Concen: 5.629 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

Instrument :

MSVOA\_V

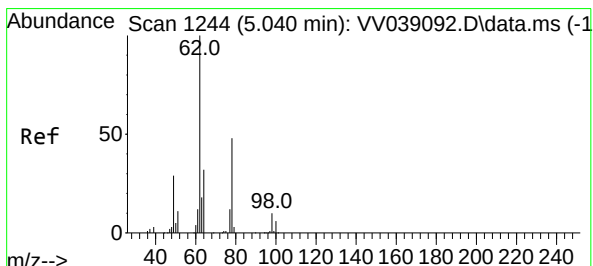
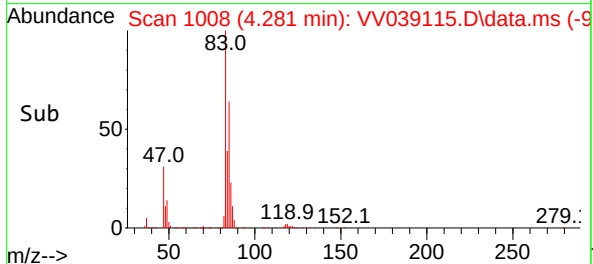
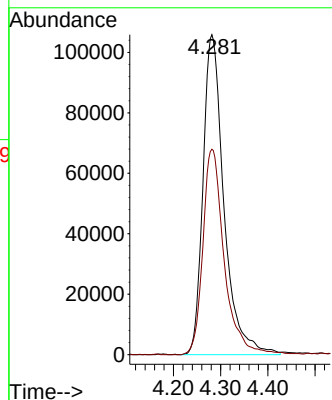
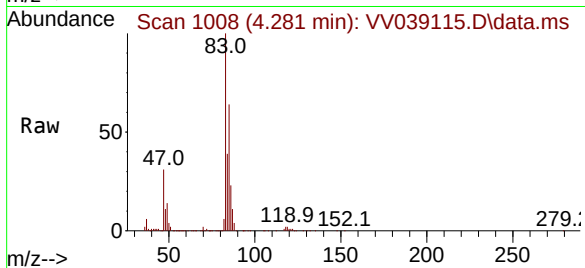
ClientSampleId :

Tgt Ion: 83 Resp: 325614

Ion Ratio Lower Upper

83 100

85 64.2 45.3 84.1



#27

1,2-Dichloroethane

Concen: 6.326 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.003 min

Lab File: VV039115.D

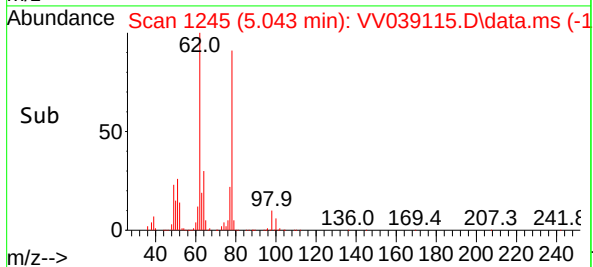
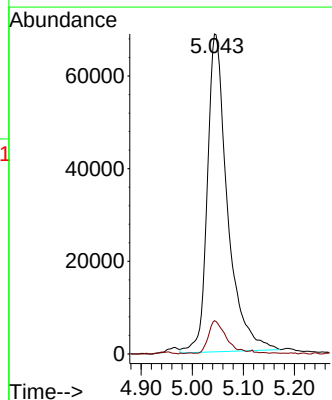
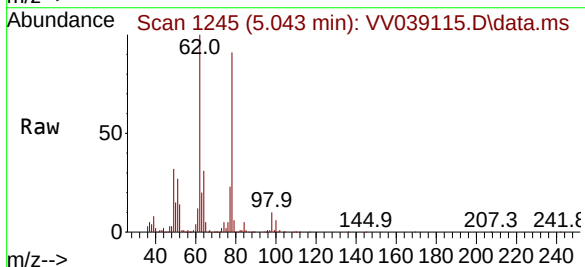
Acq: 16 Sep 2025 18:08

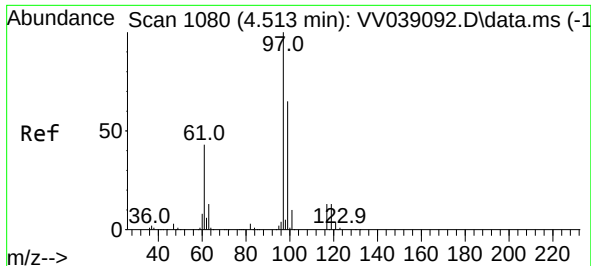
Tgt Ion: 62 Resp: 187756

Ion Ratio Lower Upper

62 100

98 10.4 8.6 12.8





#29

1,1,1-Trichloroethane

Concen: 5.465 ug/L

RT: 4.516 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

Instrument :

MSVOA\_V

ClientSampleId :

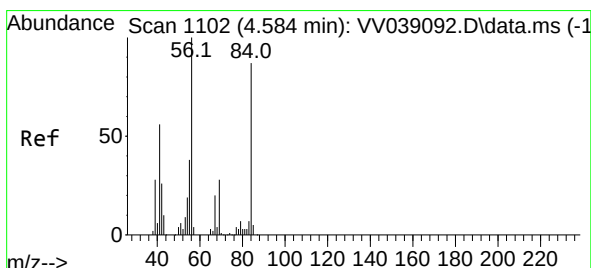
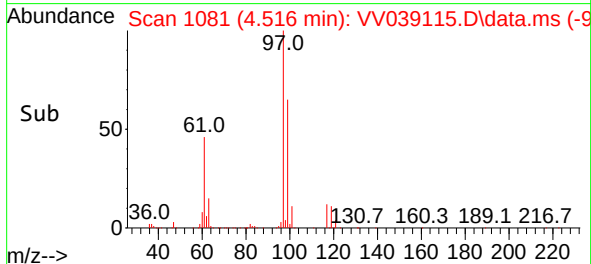
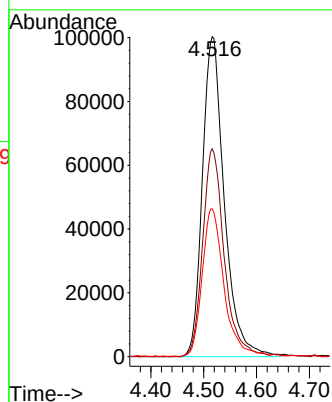
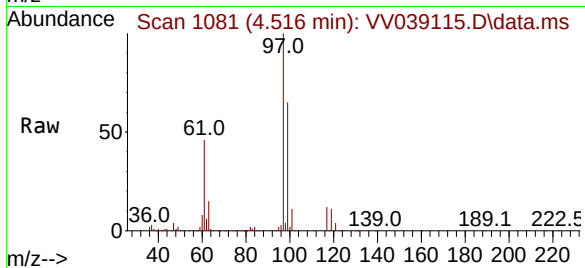
Tgt Ion: 97 Resp: 288628

Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 45.4 32.9 49.3



#30

Cyclohexane

Concen: 5.158 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

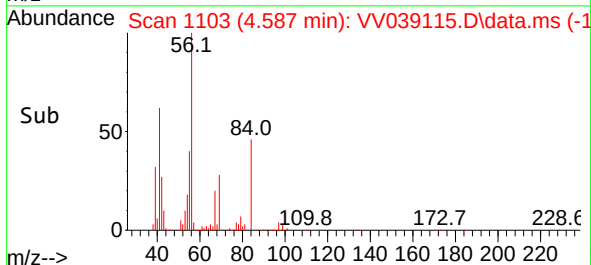
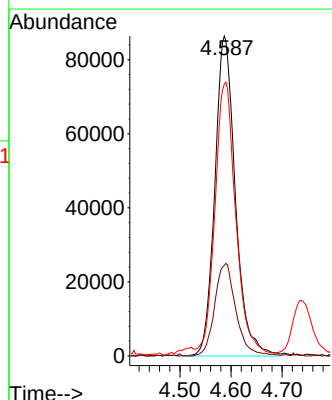
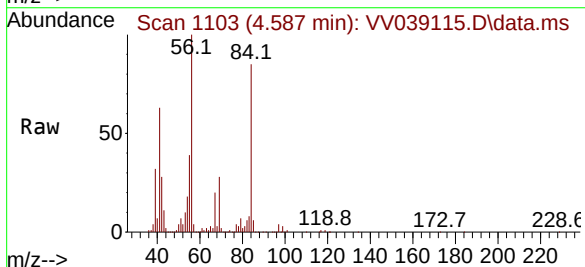
Tgt Ion: 56 Resp: 241565

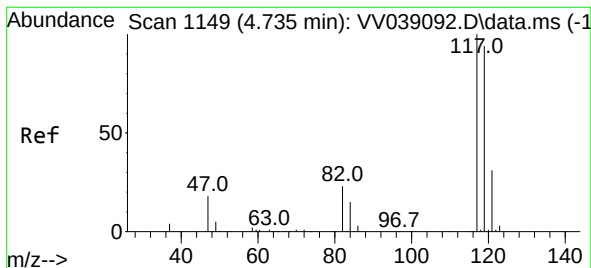
Ion Ratio Lower Upper

56 100

69 30.0 25.0 37.6

84 85.8 71.3 106.9





#31

Carbon tetrachloride

Concen: 5.093 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

Instrument :

MSVOA\_V

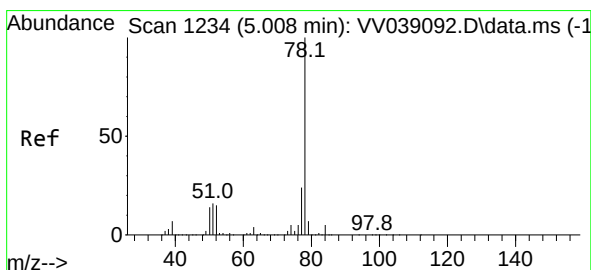
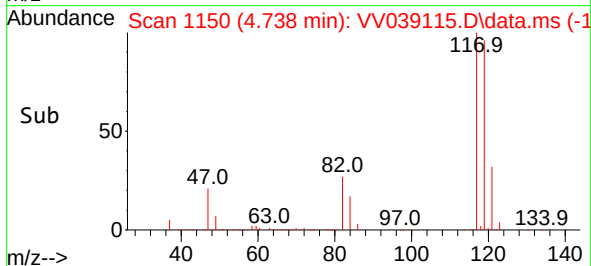
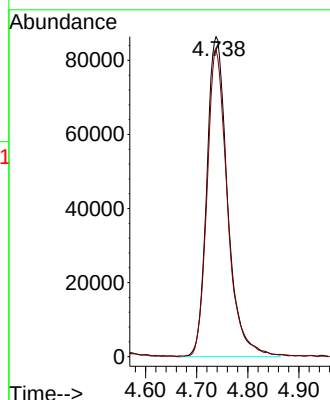
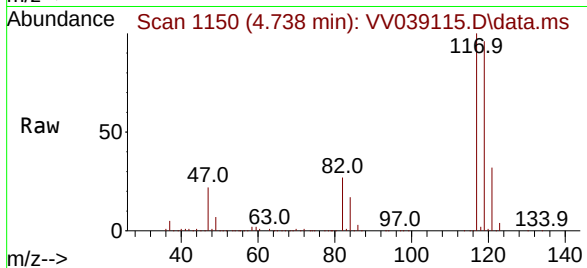
ClientSampleId :

Tgt Ion:117 Resp: 243788

Ion Ratio Lower Upper

117 100

119 93.9 77.4 116.2



#33

Benzene

Concen: 5.636 ug/L

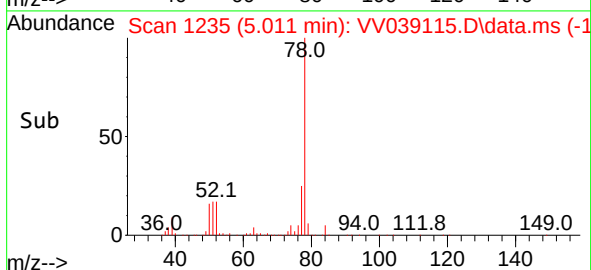
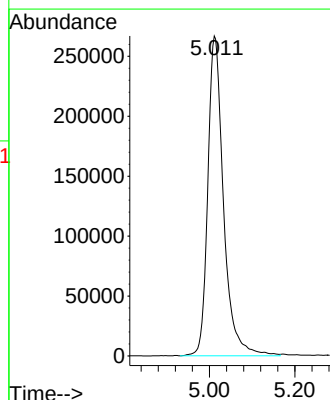
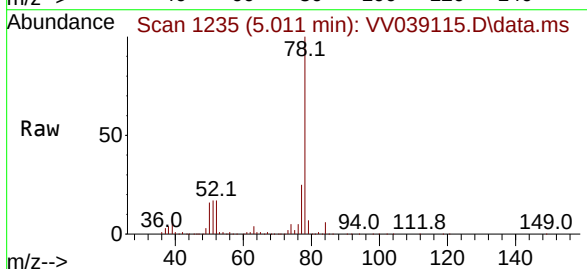
RT: 5.011 min Scan# 1235

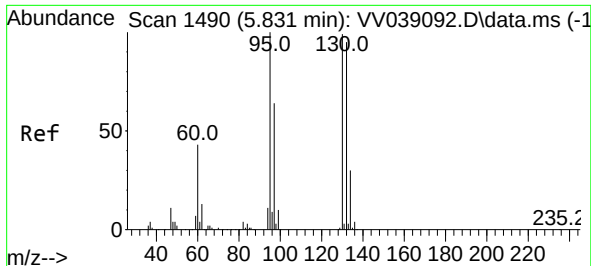
Delta R.T. 0.003 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

Tgt Ion: 78 Resp: 680404



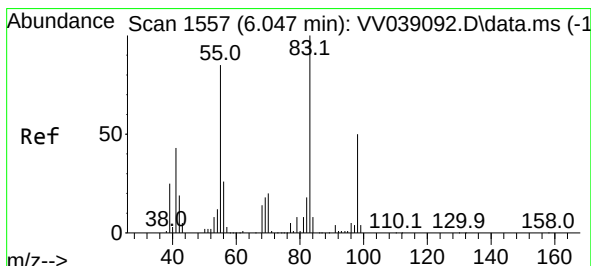
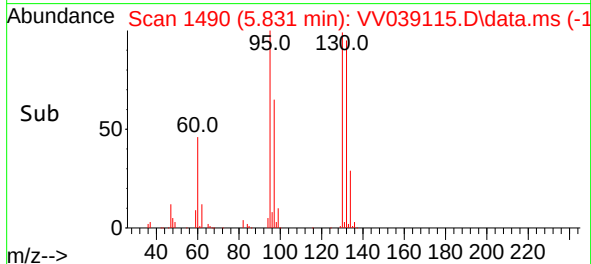
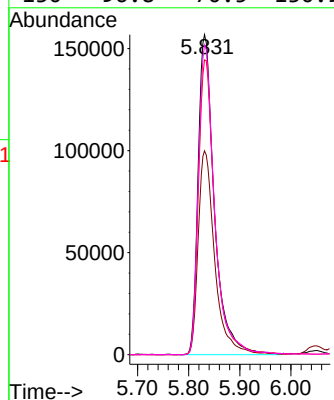
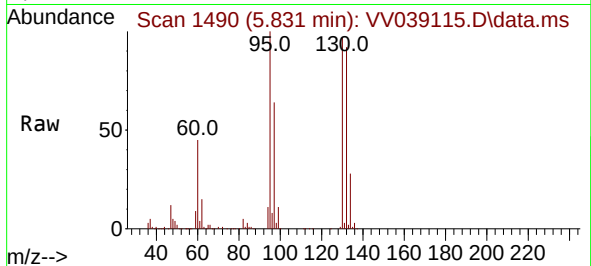


#34  
 Trichloroethene  
 Concen: 10.694 ug/L  
 RT: 5.831 min Scan# 1490  
 Delta R.T. -0.000 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Tgt Ion: 95 Resp: 347998

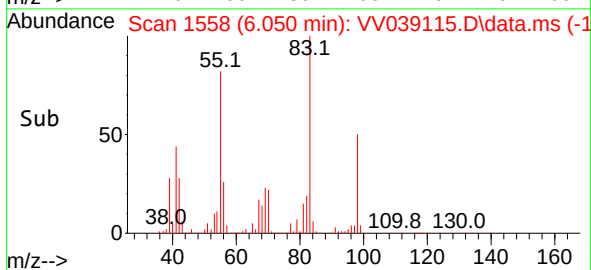
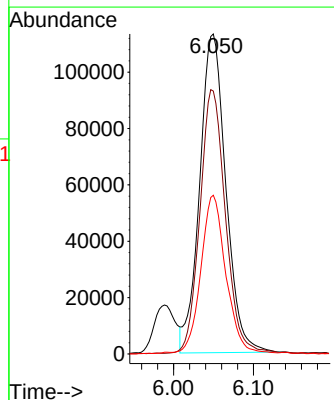
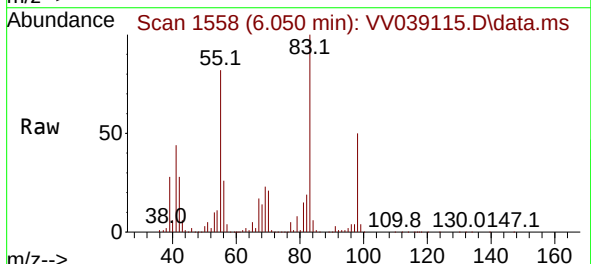
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 63.7  | 43.3  | 80.5  |
| 132 | 92.1  | 65.5  | 121.7 |
| 130 | 96.8  | 70.5  | 130.9 |



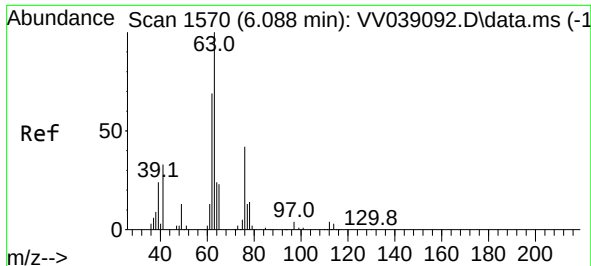
#35  
 Methylcyclohexane  
 Concen: 5.064 ug/L  
 RT: 6.050 min Scan# 1558  
 Delta R.T. 0.003 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08

Tgt Ion: 83 Resp: 257826

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 80.6  | 61.4  | 92.2  |
| 98  | 46.5  | 38.2  | 57.4  |



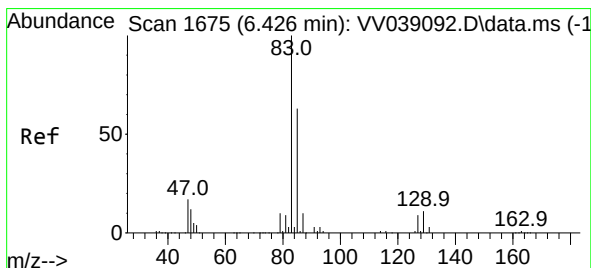
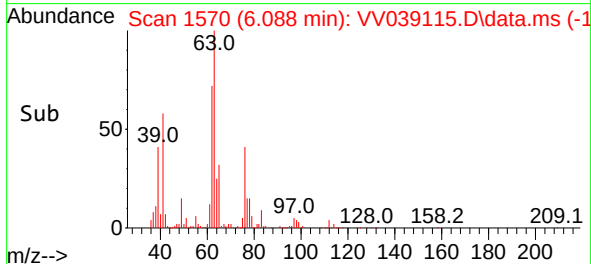
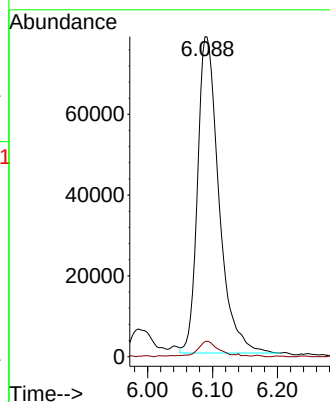
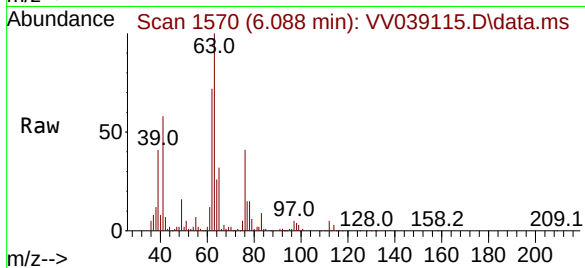




#37  
1,2-Dichloropropane  
Concen: 5.732 ug/L  
RT: 6.088 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

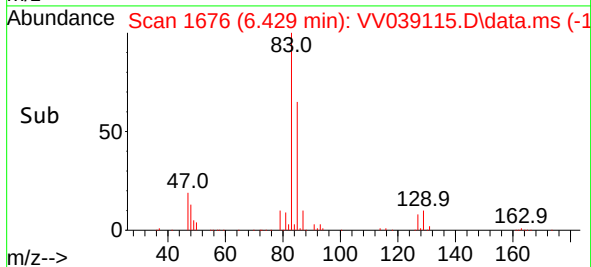
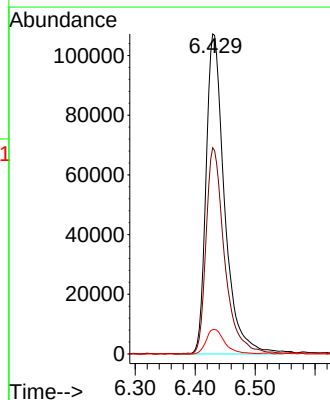
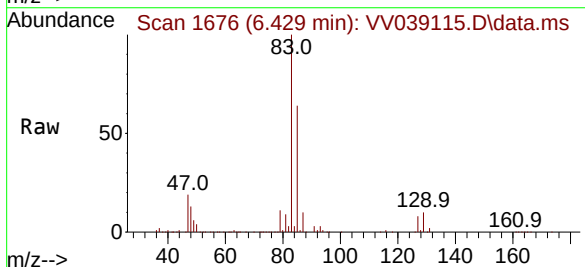
Instrument :  
MSVOA\_V  
ClientSampleId :

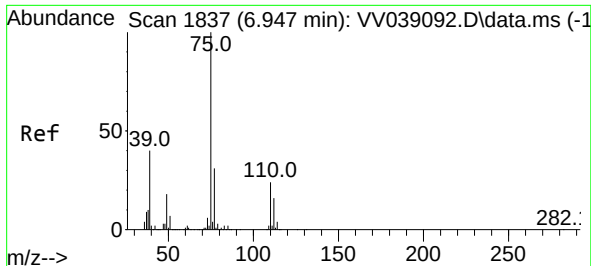
Tgt Ion: 63 Resp: 179467  
Ion Ratio Lower Upper  
63 100  
112 4.6 3.6 5.4



#38  
Bromodichloromethane  
Concen: 5.657 ug/L  
RT: 6.429 min Scan# 1676  
Delta R.T. 0.003 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Tgt Ion: 83 Resp: 230248  
Ion Ratio Lower Upper  
83 100  
85 64.4 45.8 85.2  
127 7.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.257 ug/L

RT: 6.950 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

Instrument :

MSVOA\_V

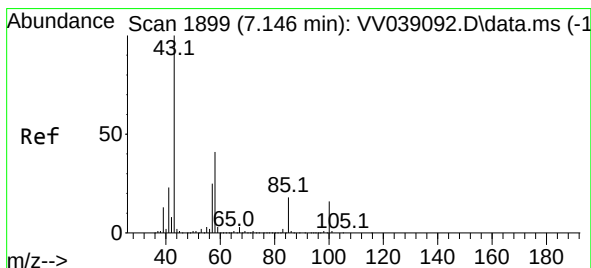
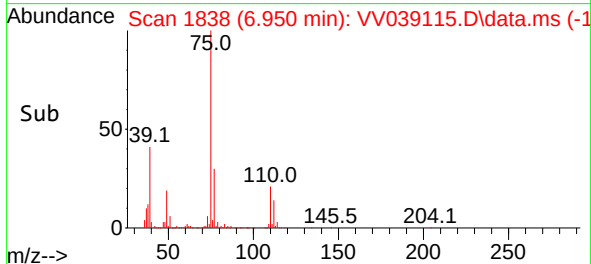
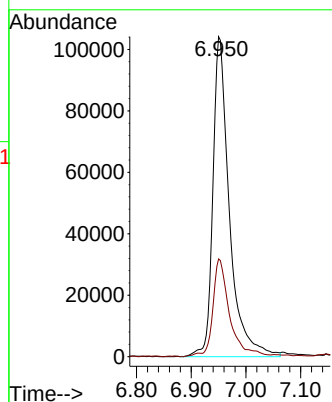
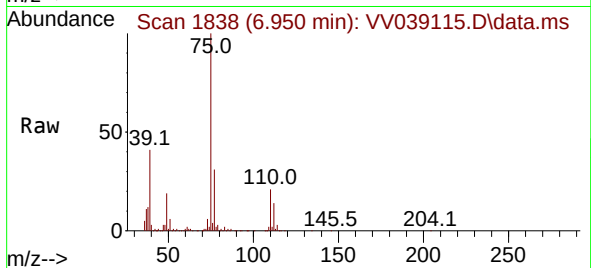
ClientSampleId :

Tgt Ion: 75 Resp: 218353

Ion Ratio Lower Upper

75 100

77 30.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 63.520 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

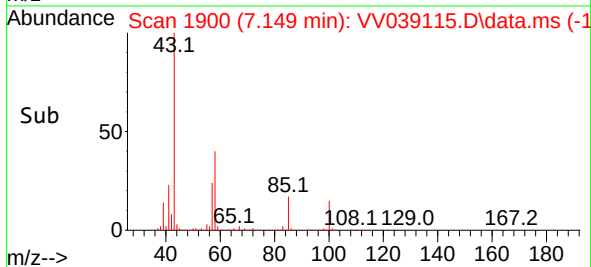
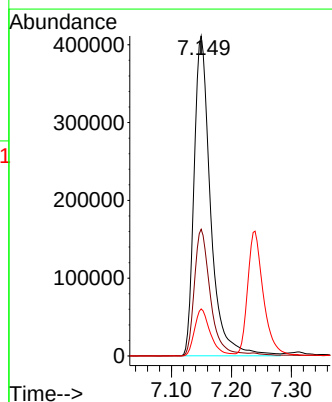
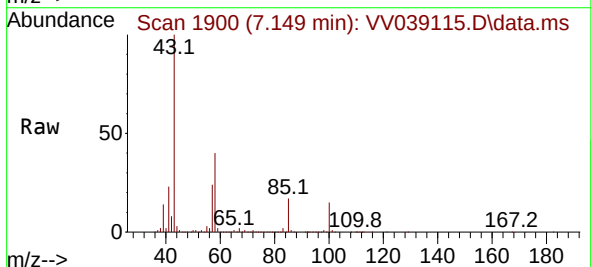
Tgt Ion: 43 Resp: 787960

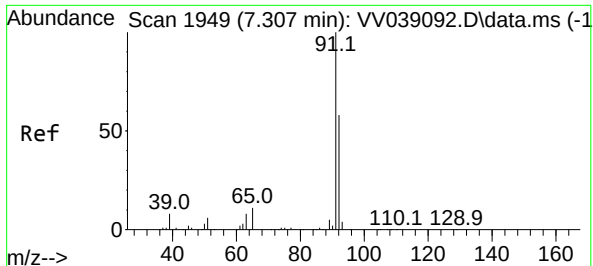
Ion Ratio Lower Upper

43 100

58 38.6 31.7 47.5

100 14.2 13.0 19.4





#42

Toluene

Concen: 5.757 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

Instrument :

MSVOA\_V

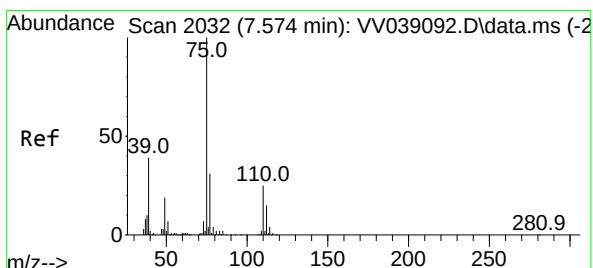
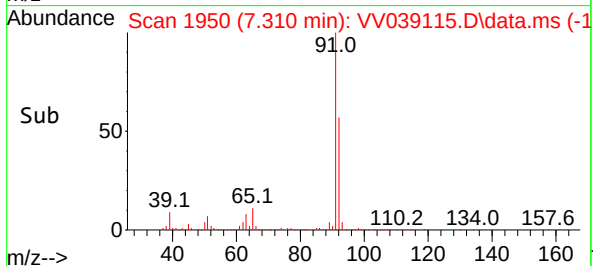
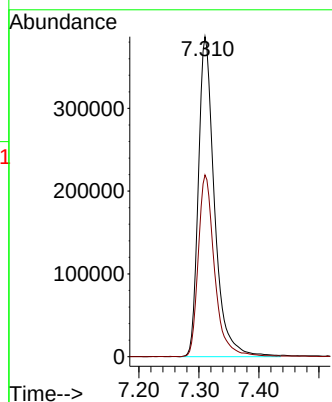
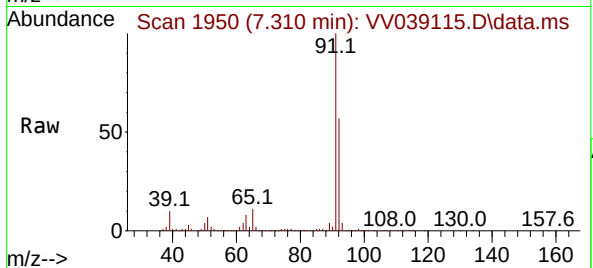
ClientSampleId :

Tgt Ion: 91 Resp: 724339

Ion Ratio Lower Upper

91 100

92 56.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.635 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV039115.D

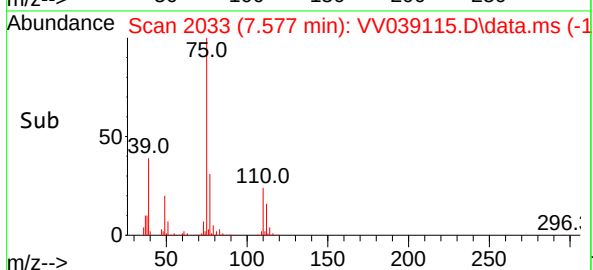
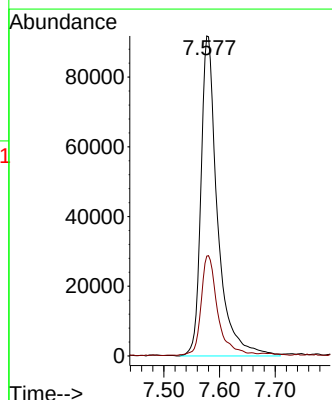
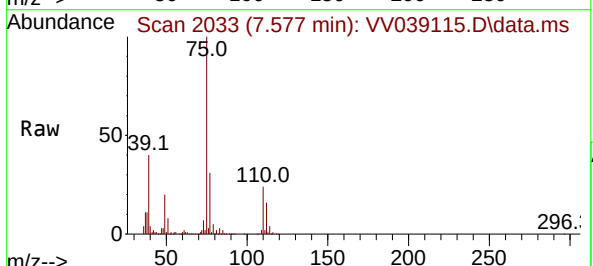
Acq: 16 Sep 2025 18:08

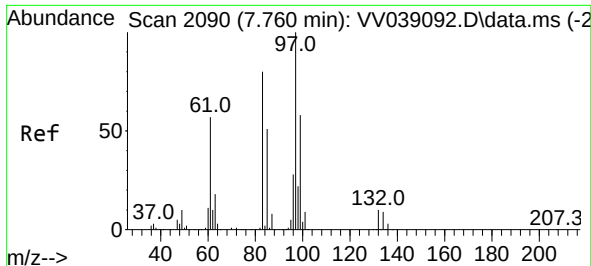
Tgt Ion: 75 Resp: 190208

Ion Ratio Lower Upper

75 100

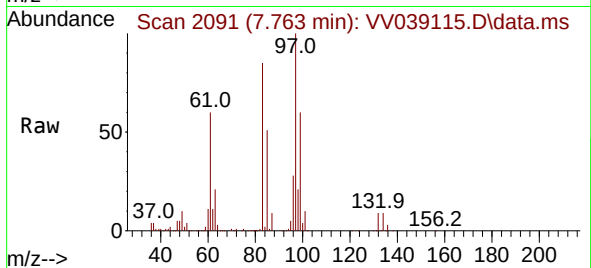
77 31.2 21.9 40.7



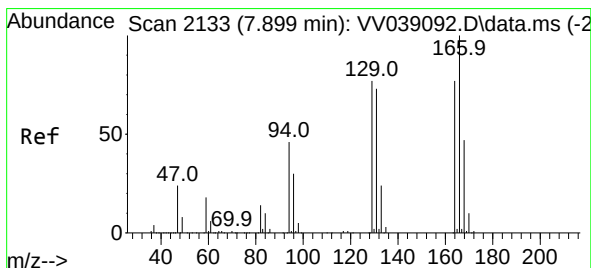
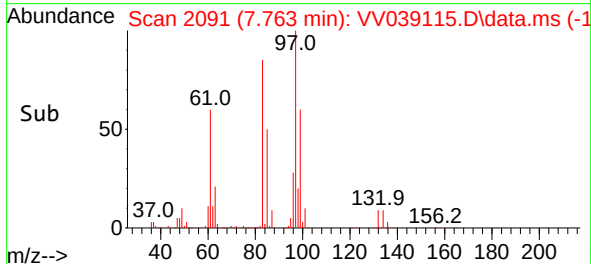
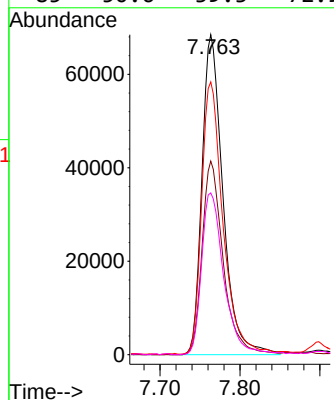


#45  
1,1,2-Trichloroethane  
Concen: 5.816 ug/L  
RT: 7.763 min Scan# 2090  
Delta R.T. 0.003 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Instrument :  
MSVOA\_V  
ClientSampleId :

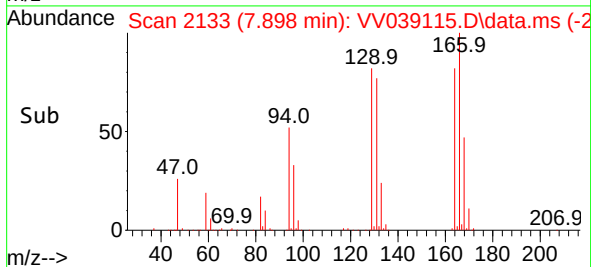
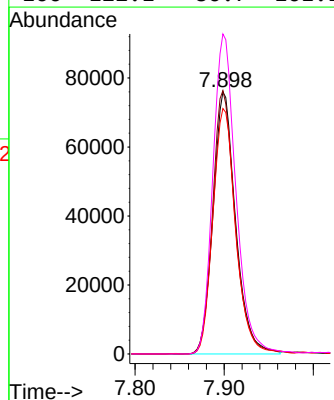
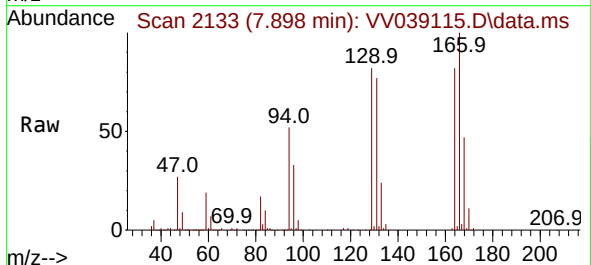


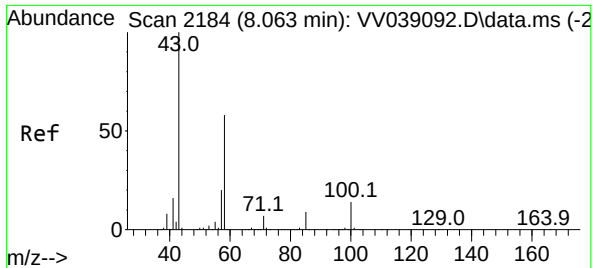
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 125060 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 60.5  | 43.3  | 80.3   |
| 83        | 85.3  | 61.7  | 114.7  |
| 85        | 50.6  | 39.3  | 72.9   |



#47  
Tetrachloroethene  
Concen: 5.245 ug/L  
RT: 7.898 min Scan# 2133  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 133416 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 129       | 100.5 | 68.0  | 126.4  |
| 131       | 93.6  | 65.4  | 121.4  |
| 166       | 122.1 | 86.7  | 161.1  |

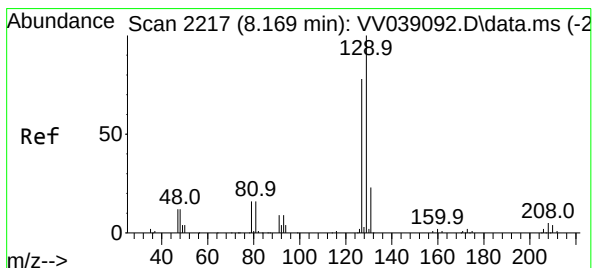
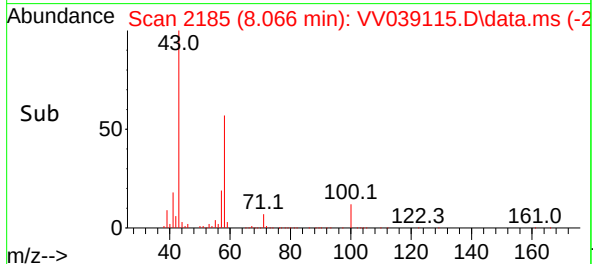
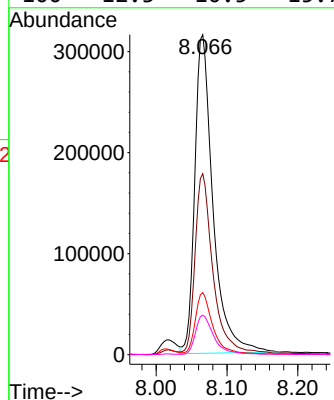
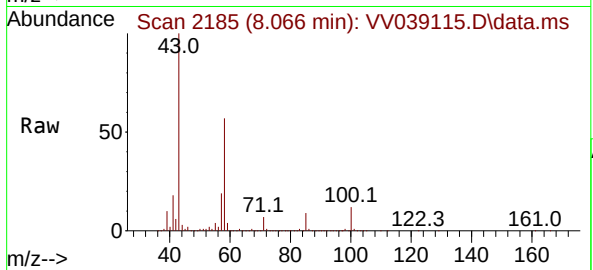




#48  
2-Hexanone  
Concen: 65.517 ug/L  
RT: 8.066 min Scan# 2184  
Delta R.T. 0.003 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

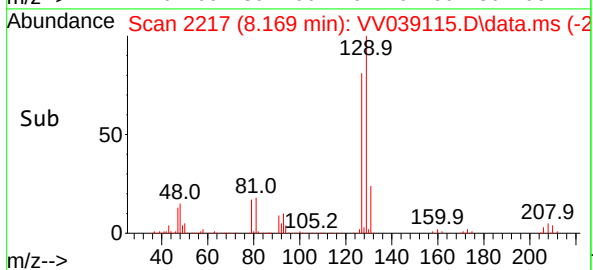
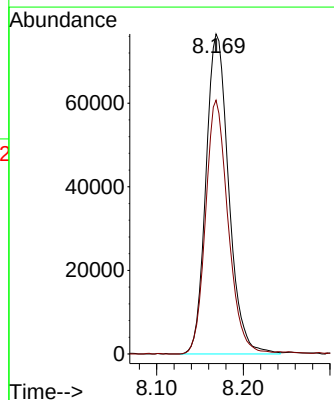
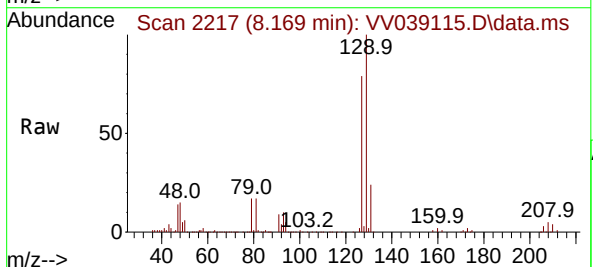
Instrument :  
MSVOA\_V  
ClientSampleId :

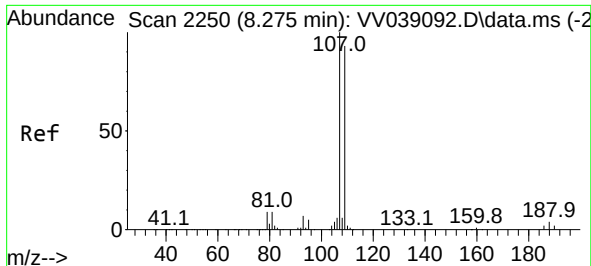
|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 564996 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 58 55.1     | 45.6 68.4    |
| 57 18.7     | 15.6 23.4    |
| 100 12.3    | 10.5 15.7    |



#49  
Dibromochloromethane  
Concen: 5.568 ug/L  
RT: 8.169 min Scan# 2217  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

|             |              |       |  |
|-------------|--------------|-------|--|
| Tgt Ion:129 | Resp: 140137 |       |  |
| Ion Ratio   | Lower        | Upper |  |
| 129 100     |              |       |  |
| 127 79.3    | 56.7         | 105.3 |  |

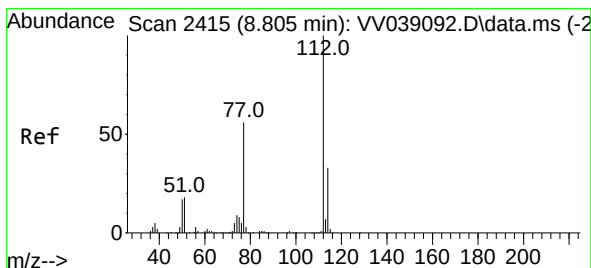
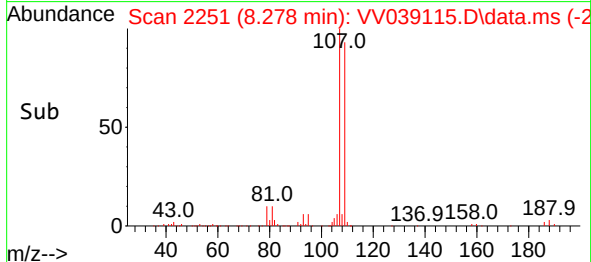
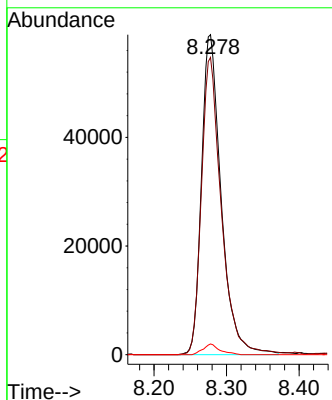
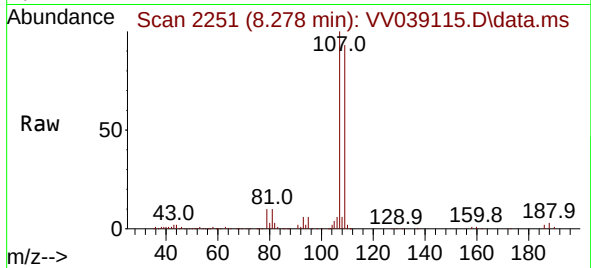




#50  
1,2-Dibromoethane  
Concen: 5.742 ug/L  
RT: 8.278 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

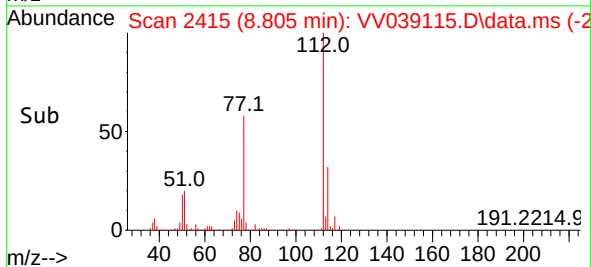
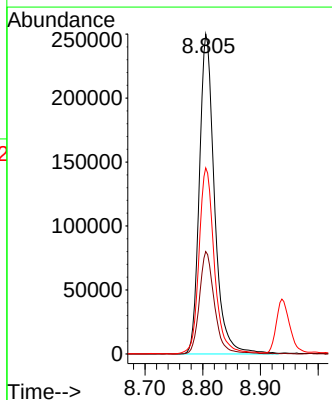
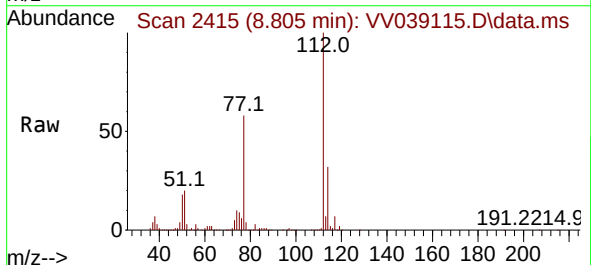
Instrument :  
MSVOA\_V  
ClientSampleId :

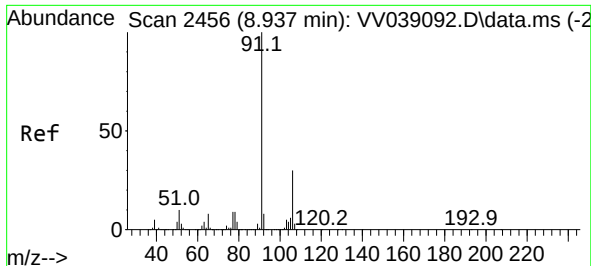
Tgt Ion:107 Resp: 110779  
Ion Ratio Lower Upper  
107 100  
109 92.9 67.1 124.7  
188 3.4 2.5 3.7



#51  
Chlorobenzene  
Concen: 5.595 ug/L  
RT: 8.805 min Scan# 2415  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Tgt Ion:112 Resp: 454347  
Ion Ratio Lower Upper  
112 100  
114 32.0 23.0 42.6  
77 58.2 46.6 69.8

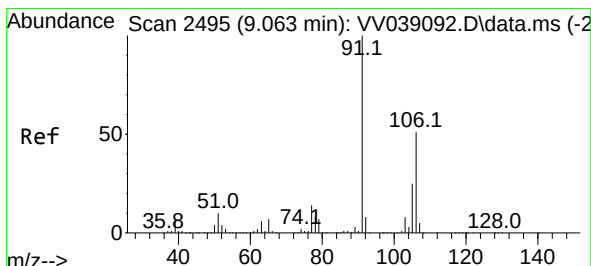
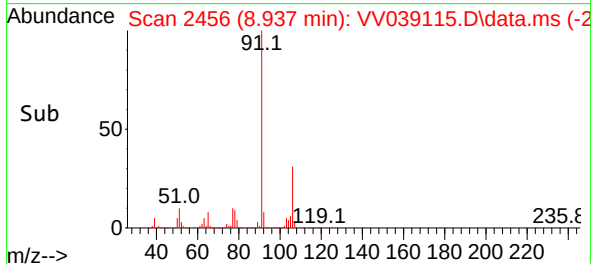
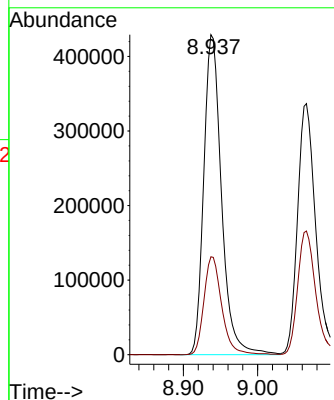
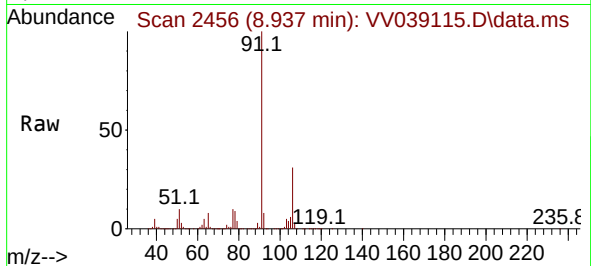




#52  
Ethylbenzene  
Concen: 5.487 ug/L  
RT: 8.937 min Scan# 2456  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

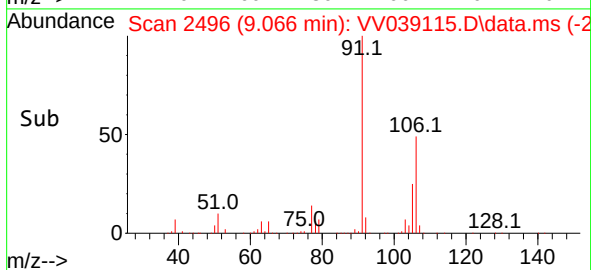
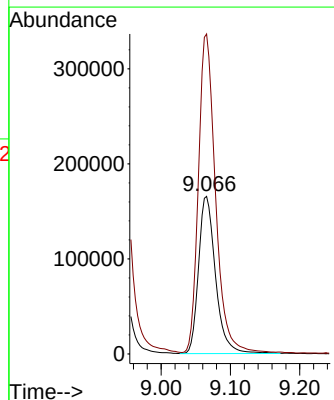
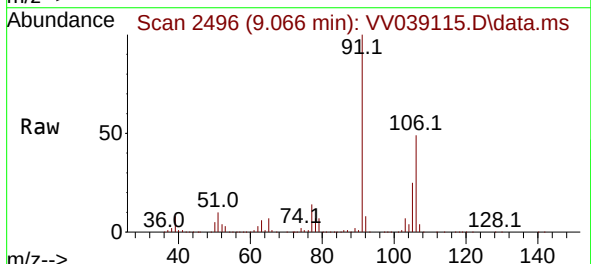
Instrument :  
MSVOA\_V  
ClientSampleId :

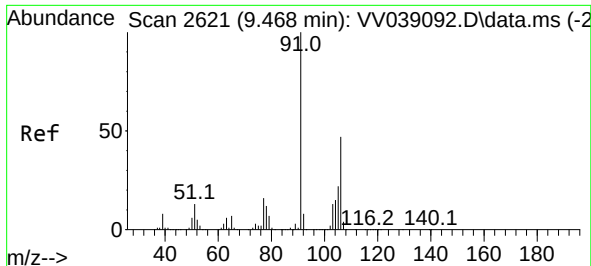
Tgt Ion: 91 Resp: 711270  
Ion Ratio Lower Upper  
91 100  
106 30.6 20.8 38.6



#53  
m,p-Xylene  
Concen: 5.598 ug/L  
RT: 9.066 min Scan# 2496  
Delta R.T. 0.003 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Tgt Ion: 106 Resp: 282254  
Ion Ratio Lower Upper  
106 100  
91 203.0 140.1 260.3

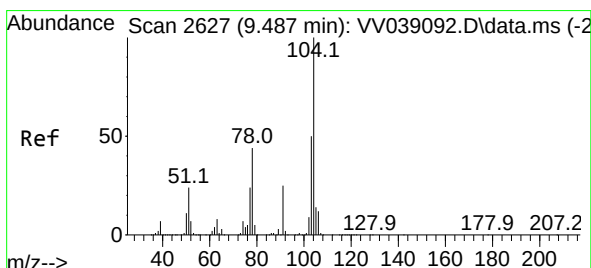
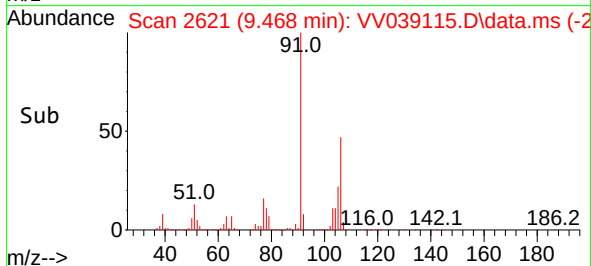
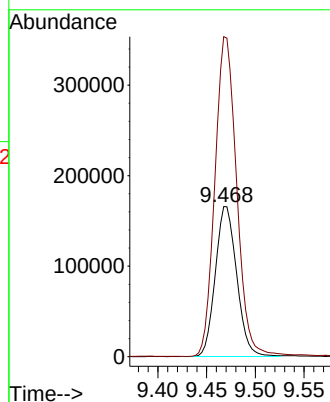
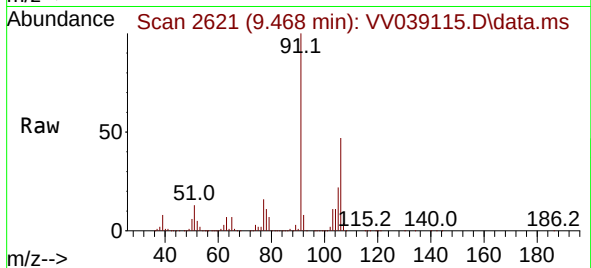




#54  
o-Xylene  
Concen: 5.480 ug/L  
RT: 9.468 min Scan# 2621  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

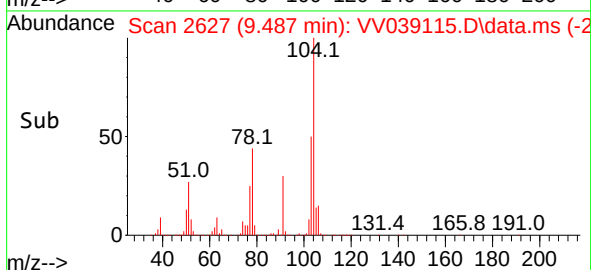
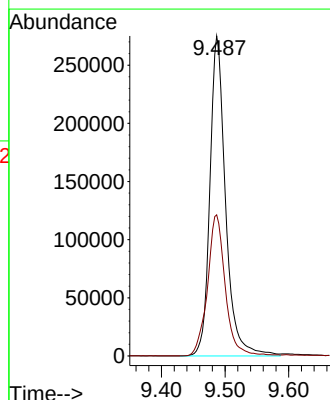
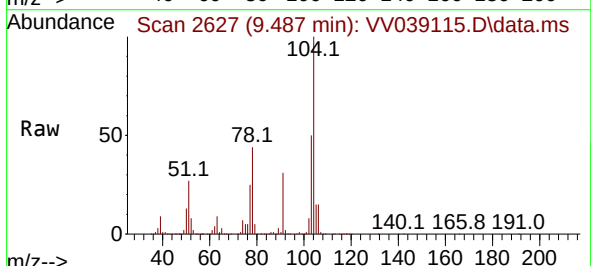
Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion:106 Resp: 253497  
Ion Ratio Lower Upper  
106 100  
91 213.2 150.7 279.9

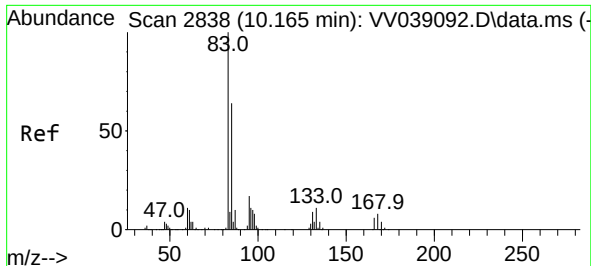


#55  
Styrene  
Concen: 5.782 ug/L  
RT: 9.487 min Scan# 2627  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Tgt Ion:104 Resp: 472484  
Ion Ratio Lower Upper  
104 100  
78 44.1 29.9 55.5



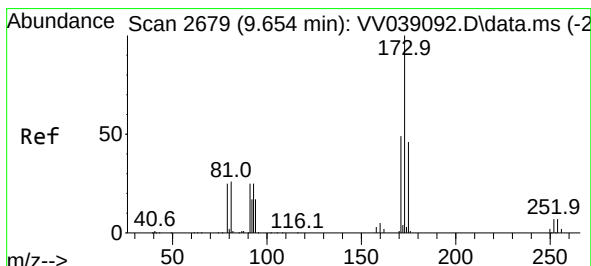
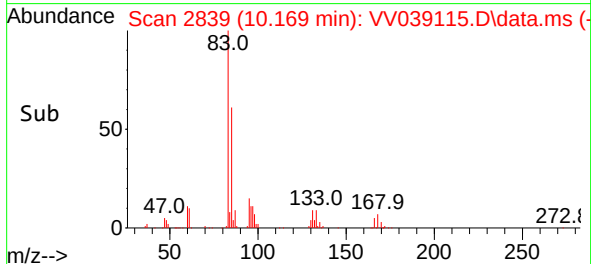
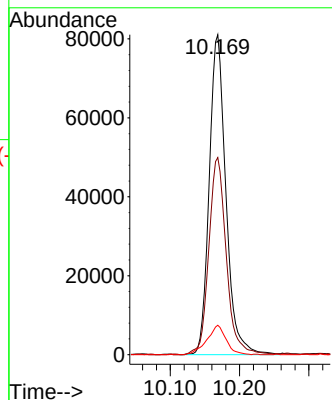
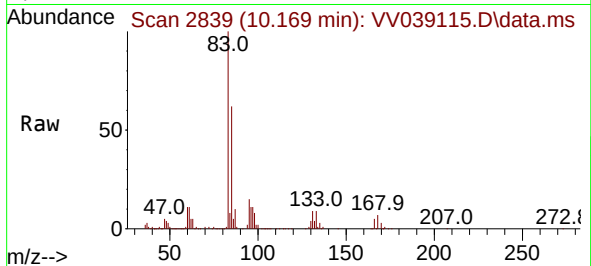




#57  
1,1,2,2-Tetrachloroethane  
Concen: 5.653 ug/L  
RT: 10.169 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

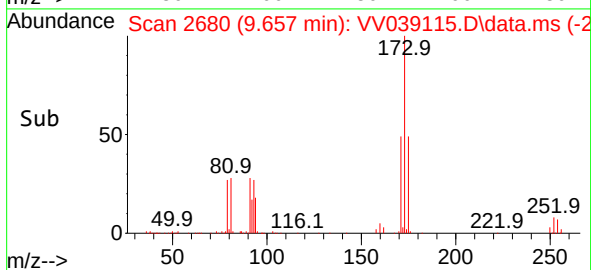
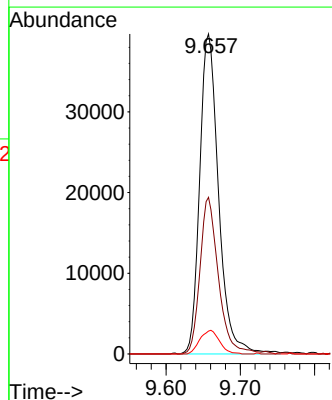
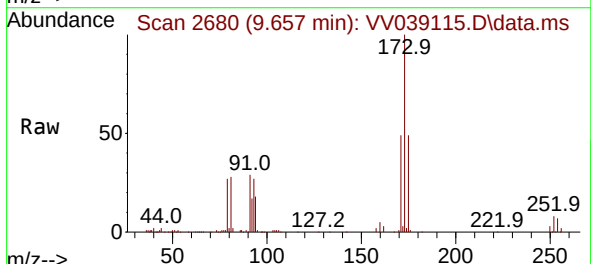
Instrument :  
MSVOA\_V  
ClientSampleId :

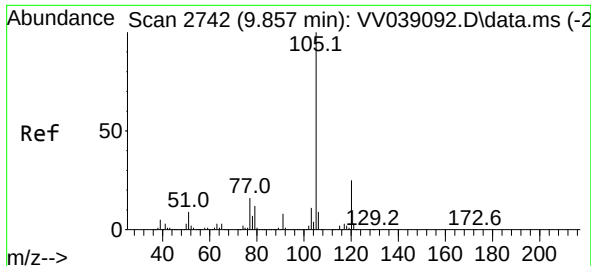
Tgt Ion: 83 Resp: 135466  
Ion Ratio Lower Upper  
83 100  
85 61.6 45.4 84.4  
131 9.2 7.2 10.8



#59  
Bromoform  
Concen: 5.558 ug/L  
RT: 9.657 min Scan# 2680  
Delta R.T. 0.003 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

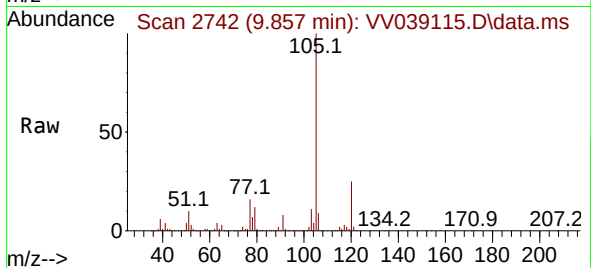
Tgt Ion: 173 Resp: 70211  
Ion Ratio Lower Upper  
173 100  
175 47.6 38.8 58.2  
254 7.7 6.8 10.2



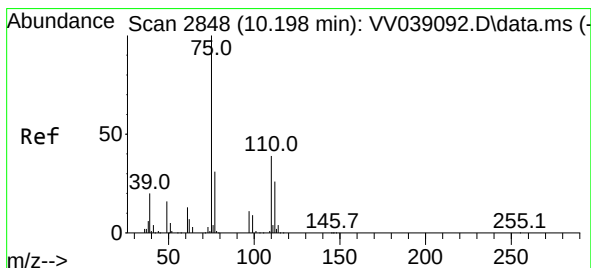
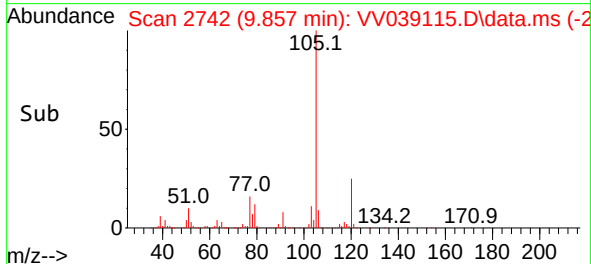
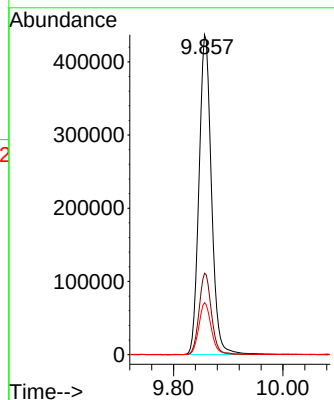


#60  
Isopropylbenzene  
Concen: 5.778 ug/L  
RT: 9.857 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Instrument :  
MSVOA\_V  
ClientSampleId :

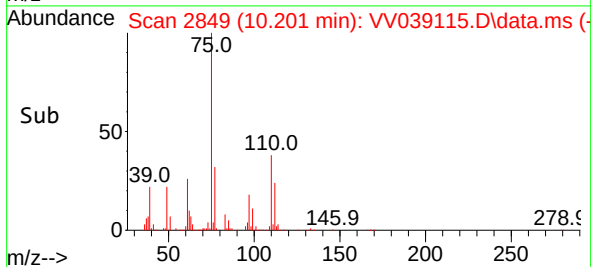
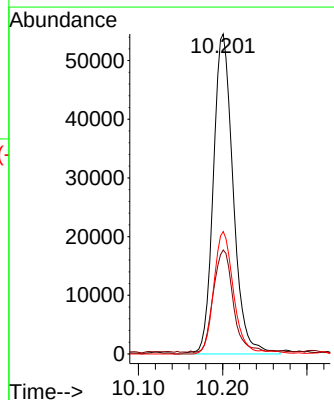
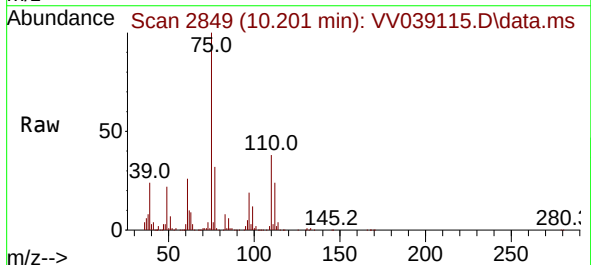


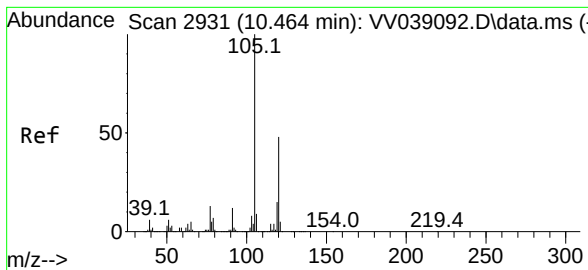
Tgt Ion:105 Resp: 688225  
Ion Ratio Lower Upper  
105 100  
120 25.5 20.8 31.2  
77 15.9 12.5 18.7



#61  
1,2,3-Trichloropropane  
Concen: 5.941 ug/L  
RT: 10.201 min Scan# 2849  
Delta R.T. 0.003 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Tgt Ion: 75 Resp: 89104  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.1 37.7  
110 38.7 31.0 46.4

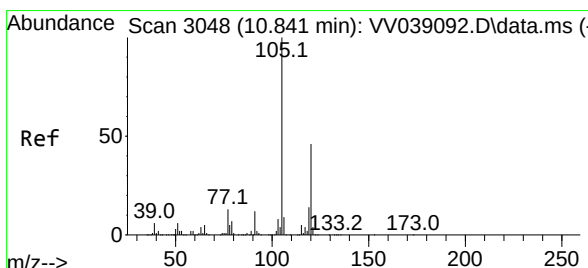
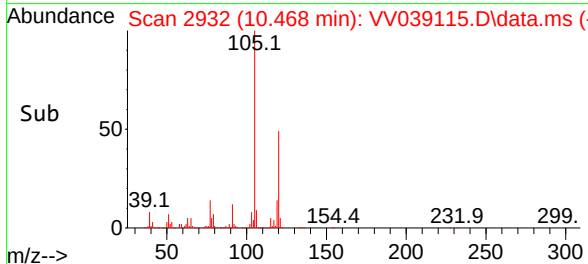
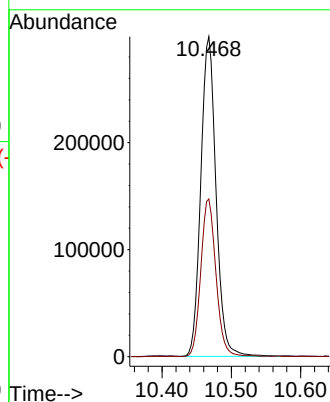
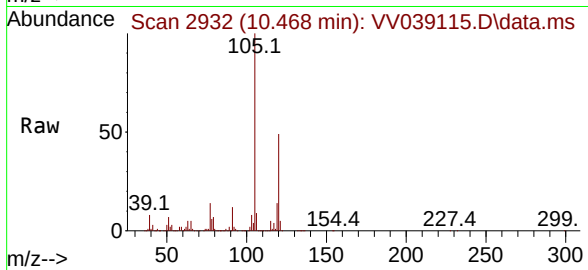




#62  
 1,3,5-Trimethylbenzene  
 Concen: 4.985 ug/L  
 RT: 10.468 min Scan# 2931  
 Delta R.T. 0.003 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08

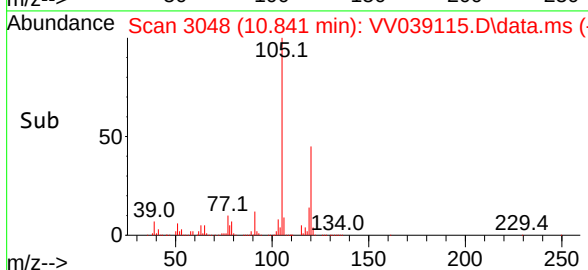
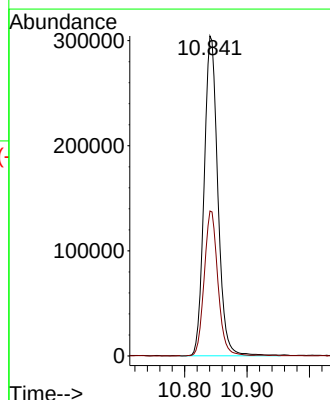
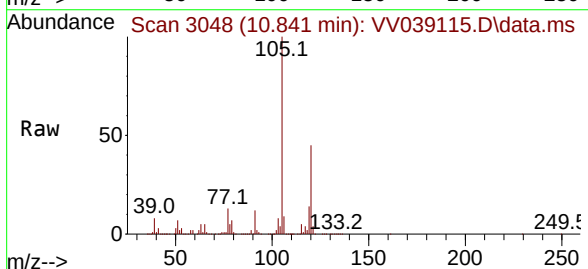
Instrument :  
 MSVOA\_V  
 ClientSampleId :

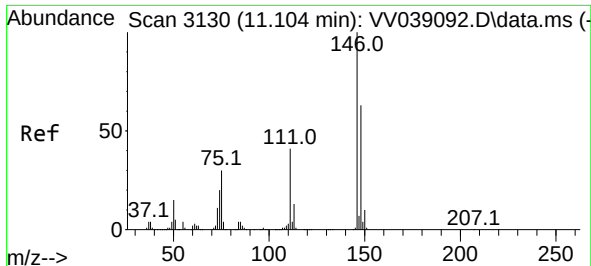
Tgt Ion:105 Resp: 455763  
 Ion Ratio Lower Upper  
 105 100  
 120 48.8 39.1 58.7



#63  
 1,2,4-Trimethylbenzene  
 Concen: 5.178 ug/L  
 RT: 10.841 min Scan# 3048  
 Delta R.T. -0.000 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08

Tgt Ion:105 Resp: 465071  
 Ion Ratio Lower Upper  
 105 100  
 120 45.3 36.6 54.8





#64

1,3-Dichlorobenzene

Concen: 5.396 ug/L

RT: 11.107 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

Instrument :

MSVOA\_V

ClientSampleId :

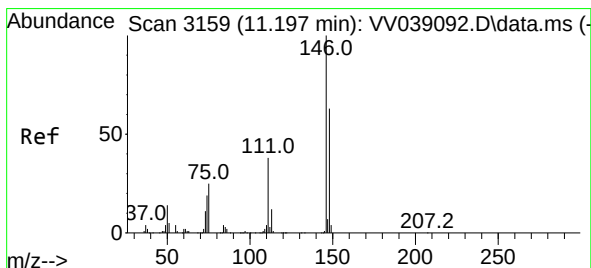
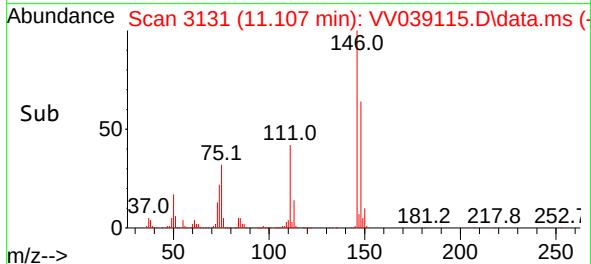
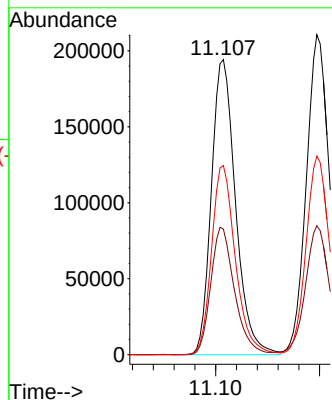
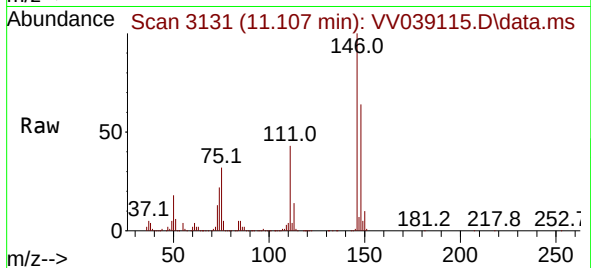
Tgt Ion:146 Resp: 313591

Ion Ratio Lower Upper

146 100

111 42.5 28.3 52.7

148 64.1 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 5.656 ug/L

RT: 11.197 min Scan# 3159

Delta R.T. -0.000 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

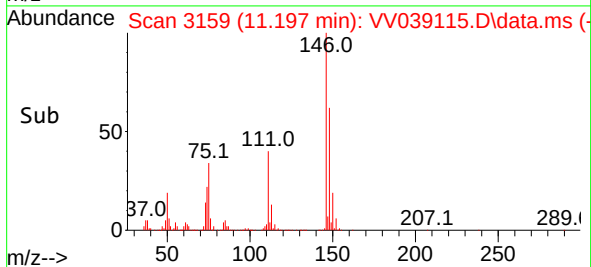
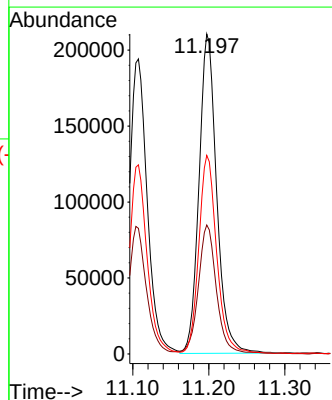
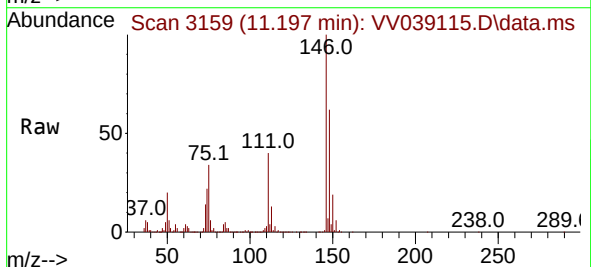
Tgt Ion:146 Resp: 340017

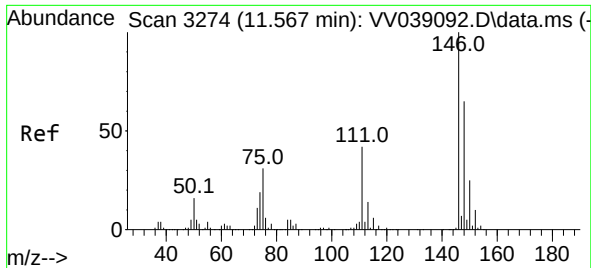
Ion Ratio Lower Upper

146 100

111 40.3 27.2 50.6

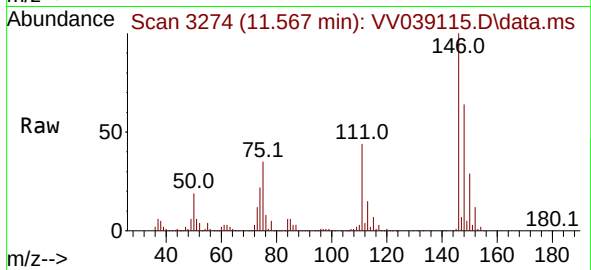
148 62.1 43.8 81.4



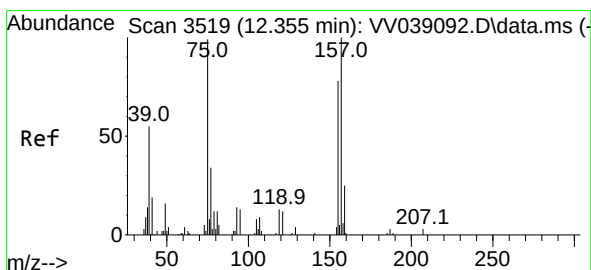
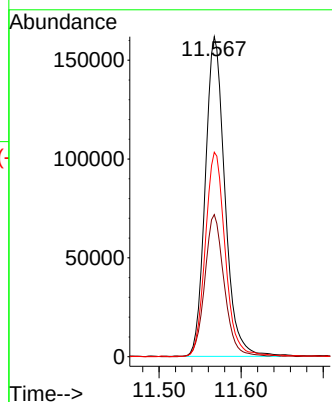
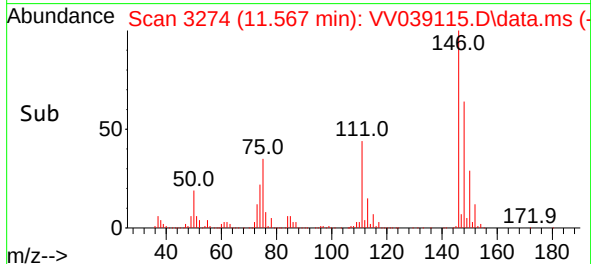


#67  
 1,2-Dichlorobenzene  
 Concen: 5.222 ug/L  
 RT: 11.567 min Scan# 311  
 Delta R.T. -0.000 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08

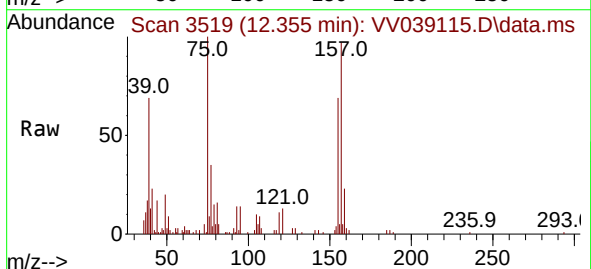
Instrument :  
 MSVOA\_V  
 ClientSampleId :



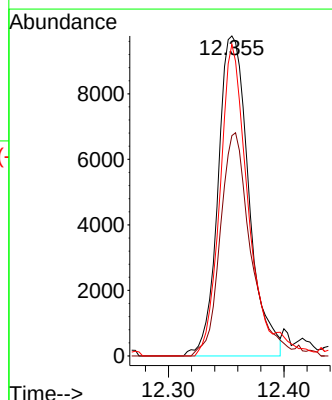
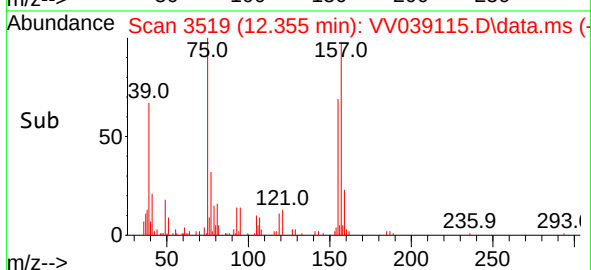
Tgt Ion:146 Resp: 268939  
 Ion Ratio Lower Upper  
 146 100  
 111 44.4 33.4 50.2  
 148 63.9 51.1 76.7

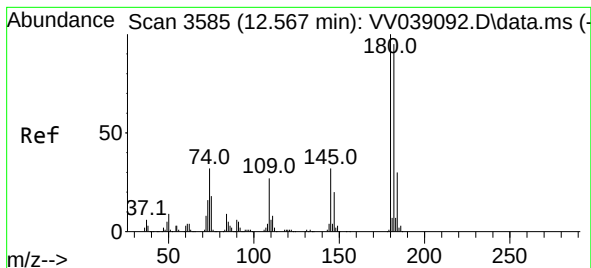


#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 5.531 ug/L  
 RT: 12.355 min Scan# 3519  
 Delta R.T. -0.000 min  
 Lab File: VV039115.D  
 Acq: 16 Sep 2025 18:08



Tgt Ion: 75 Resp: 18073  
 Ion Ratio Lower Upper  
 75 100  
 155 68.9 59.4 89.0  
 157 97.4 76.2 114.2





#69

1,3,5-Trichlorobenzene

Concen: 4.811 ug/L

RT: 12.570 min Scan# 3586

Delta R.T. 0.003 min

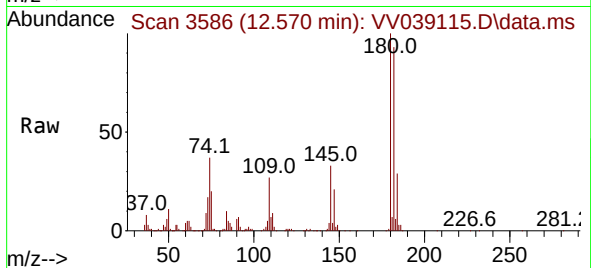
Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion:180 Resp: 183219

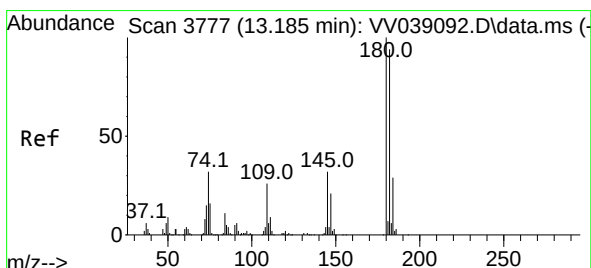
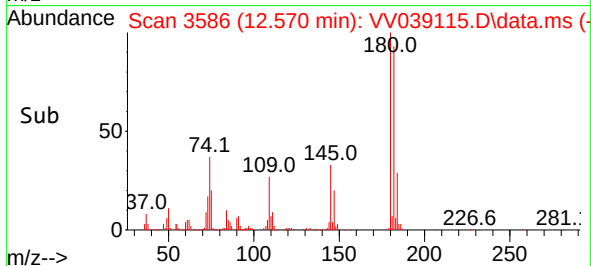
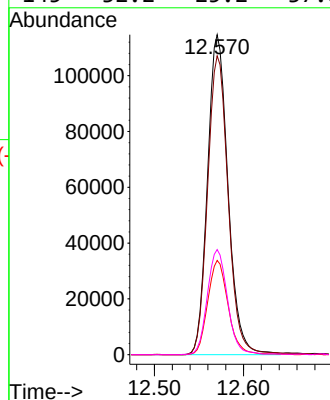
Ion Ratio Lower Upper

180 100

182 93.6 76.3 114.5

184 29.5 24.0 36.0

145 32.2 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.637 ug/L

RT: 13.188 min Scan# 3778

Delta R.T. 0.003 min

Lab File: VV039115.D

Acq: 16 Sep 2025 18:08

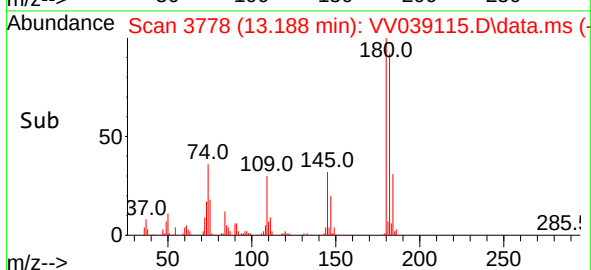
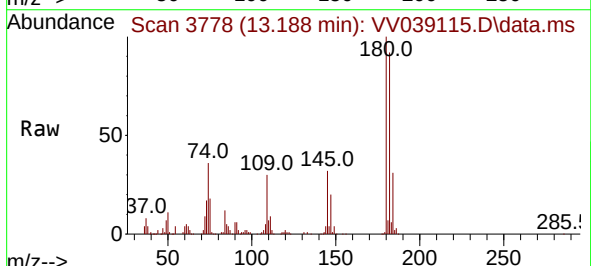
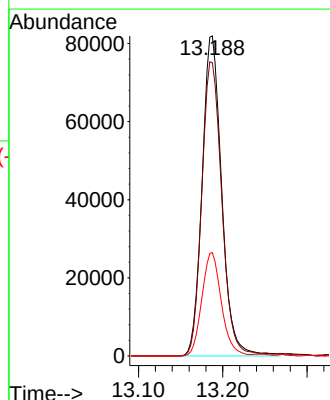
Tgt Ion:180 Resp: 132955

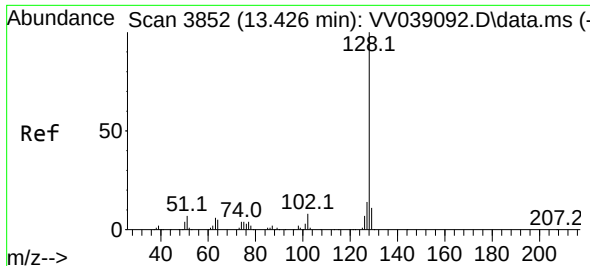
Ion Ratio Lower Upper

180 100

182 93.3 73.2 109.8

145 32.2 25.0 37.4

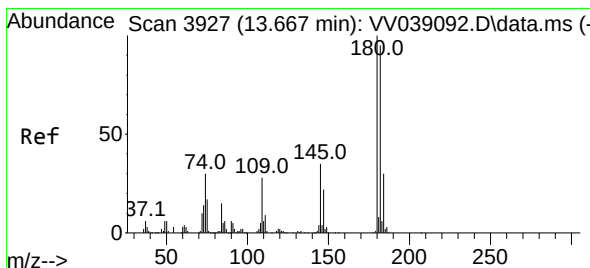
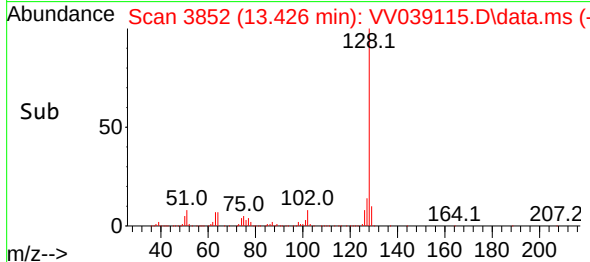
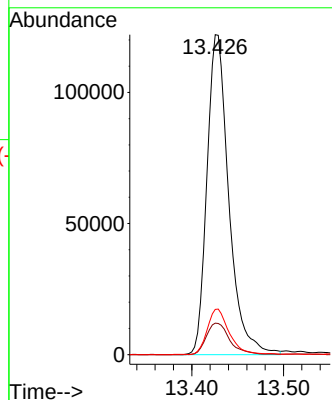
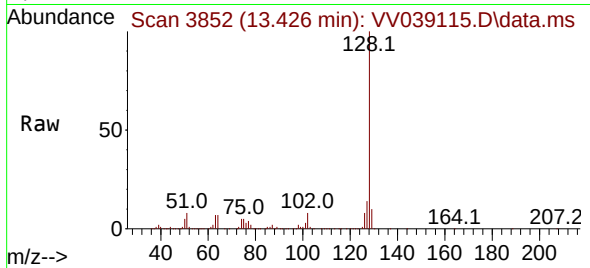




#71  
Naphthalene  
Concen: 4.629 ug/L  
RT: 13.426 min Scan# 3852  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion:128 Resp: 202259  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.6 12.8  
127 14.3 10.8 16.2



#72  
1,2,3-Trichlorobenzene  
Concen: 4.777 ug/L  
RT: 13.667 min Scan# 3927  
Delta R.T. -0.000 min  
Lab File: VV039115.D  
Acq: 16 Sep 2025 18:08

Tgt Ion:180 Resp: 122115  
Ion Ratio Lower Upper  
180 100  
182 97.3 76.6 115.0  
145 35.8 27.4 41.2

