

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW122022\  
 Data File : VW029750.D  
 Acq On : 20 Dec 2022 14:47  
 Operator : SY/MD  
 Sample : N6130-03MSD 10X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXGJ0MSD

Quant Time: Dec 21 00:18:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 21 00:15:13 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.609          | 114  | 515373     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.844          | 117  | 484767     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.236         | 152  | 265698     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 117982     | 37.384   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 74.760%  |       |          |
| 7) Chloroethane-d5            | 1.564          | 69   | 103215     | 42.890   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 85.780%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 224610     | 45.630   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 91.260%  |       |          |
| 21) 2-Butanone-d5             | 3.873          | 46   | 167943     | 87.234   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 87.230%  |       |          |
| 24) Chloroform-d              | 4.339          | 84   | 232365     | 39.126   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 78.260%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.024          | 65   | 137656     | 40.584   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.160%  |       |          |
| 32) Benzene-d6                | 5.043          | 84   | 492587     | 38.456   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 76.920%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.063          | 67   | 155446     | 39.729   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 79.460%  |       |          |
| 41) Toluene-d8                | 7.307          | 98   | 453265     | 37.556   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 75.120%# |       |          |
| 43) trans-1,3-Dichloroprop... | 7.612          | 79   | 71258      | 36.067   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 72.140%  |       |          |
| 47) 2-Hexanone-d5             | 8.082          | 63   | 138480     | 82.884   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 82.880%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.204         | 84   | 232642     | 41.609   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 83.220%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.612         | 152  | 185406     | 36.657   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 73.320%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127          | 85   | 159809     | 39.367   | ug/L  | 99       |
| 3) Chloromethane              | 1.240          | 50   | 183930     | 39.739   | ug/L  | 100      |
| 5) Vinyl chloride             | 1.310          | 62   | 180259     | 46.549   | ug/L  | 98       |
| 6) Bromomethane               | 1.519          | 94   | 76373      | 49.014   | ug/L  | 99       |
| 8) Chloroethane               | 1.580          | 64   | 113753     | 52.754   | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 1.751          | 101  | 228713     | 47.179   | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114          | 101  | 137113     | 50.901   | ug/L  | 97       |
| 12) 1,1-Dichloroethene        | 2.114          | 96   | 132934     | 48.256   | ug/L  | 92       |
| 13) Acetone                   | 2.159          | 43   | 146320     | 116.667  | ug/L  | 100      |
| 14) Carbon disulfide          | 2.291          | 76   | 379911     | 41.438   | ug/L  | 99       |
| 15) Methyl Acetate            | 2.423          | 43   | 145293     | 50.848   | ug/L  | 96       |
| 16) Methylene chloride        | 2.503          | 84   | 163158     | 47.634   | ug/L  | 95       |
| 17) trans-1,2-Dichloroethene  | 2.754          | 96   | 143496     | 45.208   | ug/L  | 93       |
| 18) Methyl tert-butyl Ether   | 2.764          | 73   | 459379     | 47.237   | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 3.182          | 63   | 264637     | 48.666   | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 3.905          | 96   | 158932     | 45.535   | ug/L  | 92       |
| 22) 2-Butanone                | 3.957          | 43   | 203791     | 102.120  | ug/L  | 95       |
| 23) Bromochloromethane        | 4.239          | 128  | 82943      | 46.149   | ug/L  | 91       |
| 25) Chloroform                | 4.365          | 83   | 276309     | 49.013   | ug/L  | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW122022\  
 Data File : VW029750.D  
 Acq On : 20 Dec 2022 14:47  
 Operator : SY/MD  
 Sample : N6130-03MSD 10X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

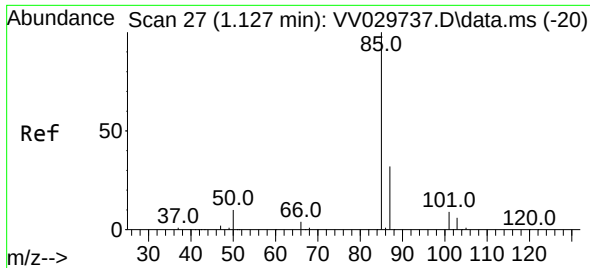
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXGJ0MSD

Quant Time: Dec 21 00:18:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM120722WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 21 00:15:13 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.120  | 62   | 189721   | 47.641  | ug/L  | 99       |
| 29) Cyclohexane               | 4.670  | 56   | 226035   | 43.043  | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 4.600  | 97   | 228813   | 43.323  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.818  | 117  | 195886   | 42.472  | ug/L  | 100      |
| 33) Benzene                   | 5.092  | 78   | 618582   | 45.270  | ug/L  | 100      |
| 34) Trichloroethene           | 5.905  | 95   | 153249   | 44.757  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.124  | 83   | 257232   | 44.232  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.165  | 63   | 157845   | 47.861  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.500  | 83   | 203172   | 44.626  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.018  | 75   | 228135   | 42.061  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.220  | 43   | 389838   | 99.140  | ug/L  | 97       |
| 42) Toluene                   | 7.381  | 91   | 655026   | 44.538  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.641  | 75   | 217857   | 42.413  | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 7.828  | 97   | 159396   | 46.782  | ug/L  | 99       |
| 46) Tetrachloroethene         | 7.966  | 164  | 124260   | 45.138  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.133  | 43   | 307510   | 102.360 | ug/L  | 96       |
| 49) Dibromochloromethane      | 8.236  | 129  | 167896   | 44.633  | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 8.342  | 107  | 159571   | 45.459  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.873  | 112  | 428866   | 46.050  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.005  | 91   | 691523   | 44.723  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.130  | 106  | 274018   | 44.775  | ug/L  | 98       |
| 54) o-Xylene                  | 9.535  | 106  | 267905   | 44.256  | ug/L  | 100      |
| 55) Styrene                   | 9.551  | 104  | 491493   | 46.720  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.230 | 83   | 263121   | 48.277  | ug/L  | 99       |
| 59) Bromoform                 | 9.722  | 173  | 121798   | 41.497  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.921  | 105  | 700259   | 44.890  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.262 | 75   | 197591   | 48.178  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.529 | 105  | 604672   | 43.840  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.905 | 105  | 604144   | 44.188  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.168 | 146  | 339130   | 44.462  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.262 | 146  | 344070   | 44.387  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 11.631 | 146  | 345593   | 44.309  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.413 | 75   | 52690    | 41.336  | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 12.631 | 180  | 260091   | 42.849  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.249 | 180  | 231839   | 42.952  | ug/L  | 100      |
| 71) Naphthalene               | 13.490 | 128  | 690169   | 56.371  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.728 | 180  | 237462   | 44.916  | ug/L  | 99       |

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

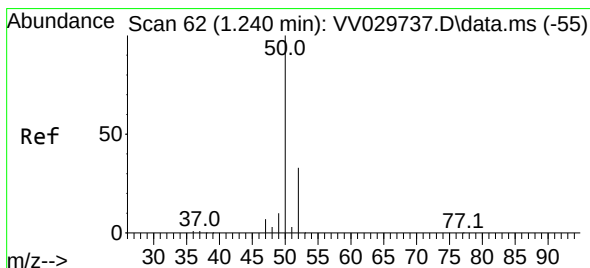
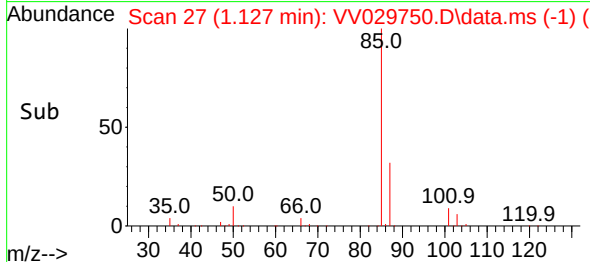
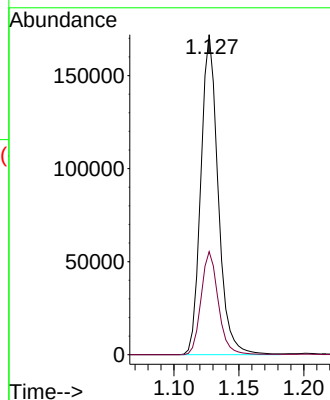
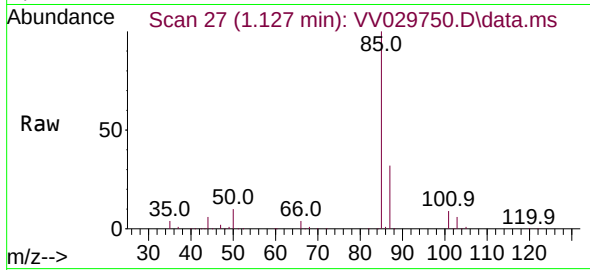




#2  
 Dichlorodifluoromethane  
 Concen: 39.367 ug/L  
 RT: 1.127 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VV029750.D  
 Acq: 20 Dec 2022 14:47

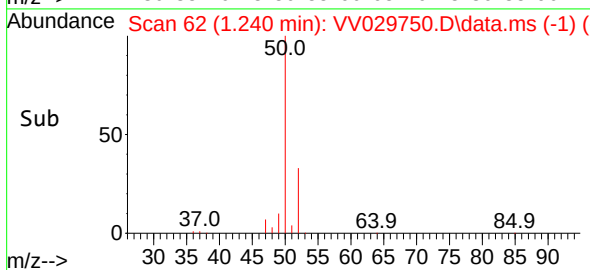
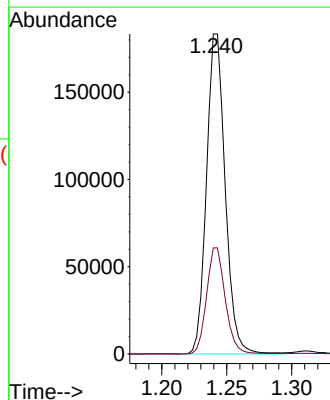
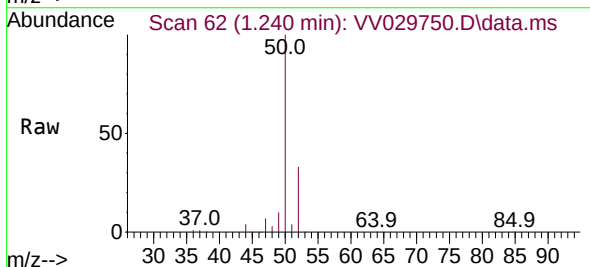
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXGJ0MSD

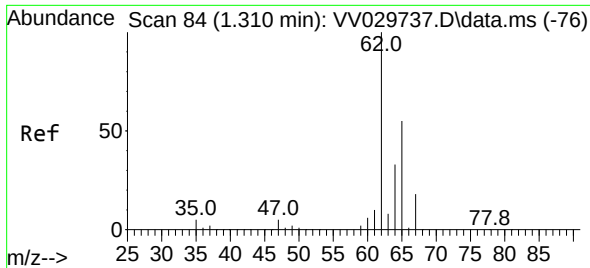
Tgt Ion: 85 Resp: 159809  
 Ion Ratio Lower Upper  
 85 100  
 87 31.9 25.9 38.9



#3  
 Chloromethane  
 Concen: 39.739 ug/L  
 RT: 1.240 min Scan# 62  
 Delta R.T. -0.000 min  
 Lab File: VV029750.D  
 Acq: 20 Dec 2022 14:47

Tgt Ion: 50 Resp: 183930  
 Ion Ratio Lower Upper  
 50 100  
 52 33.2 23.3 43.3

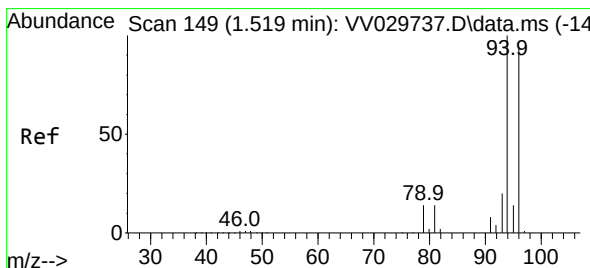
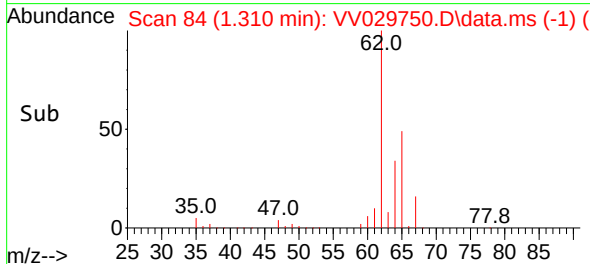
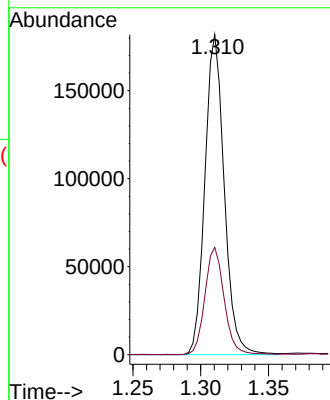
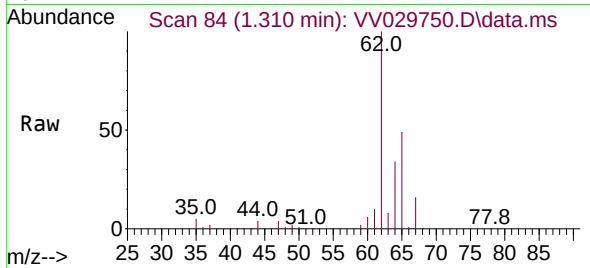




#5  
 Vinyl chloride  
 Concen: 46.549 ug/L  
 RT: 1.310 min Scan# 84  
 Delta R.T. -0.000 min  
 Lab File: VV029750.D  
 Acq: 20 Dec 2022 14:47

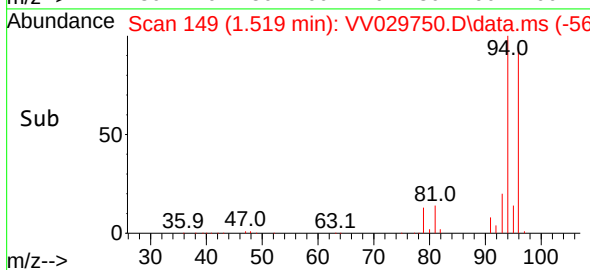
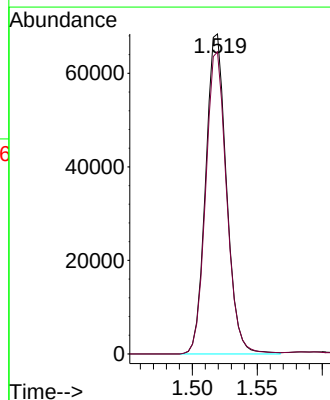
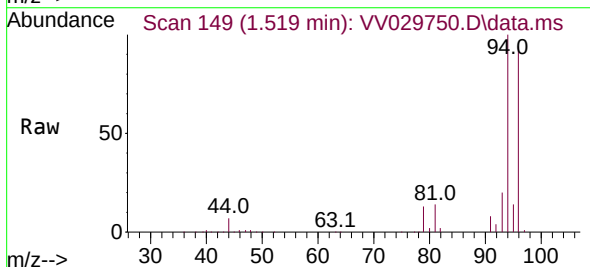
Instrument :  
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 ClientSampleId :  
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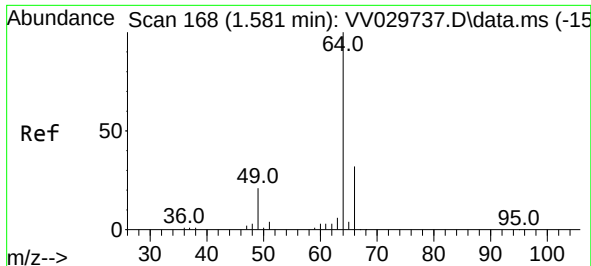
Tgt Ion: 62 Resp: 180259  
 Ion Ratio Lower Upper  
 62 100  
 64 33.6 22.5 41.9



#6  
 Bromomethane  
 Concen: 49.014 ug/L  
 RT: 1.519 min Scan# 149  
 Delta R.T. -0.000 min  
 Lab File: VV029750.D  
 Acq: 20 Dec 2022 14:47

Tgt Ion: 94 Resp: 76373  
 Ion Ratio Lower Upper  
 94 100  
 96 94.4 65.1 120.9

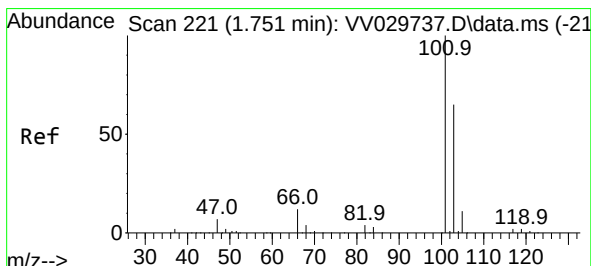
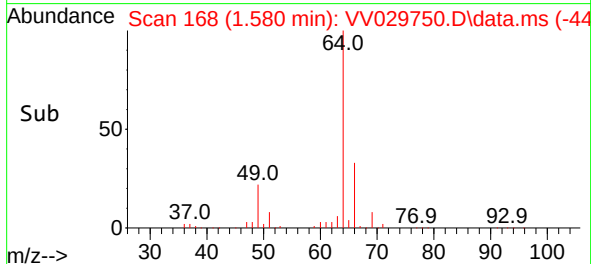
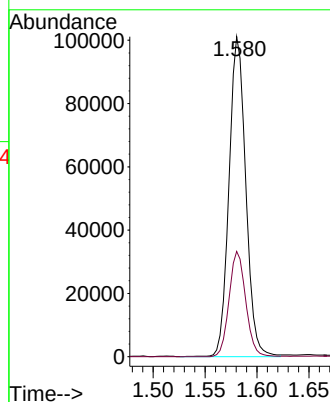
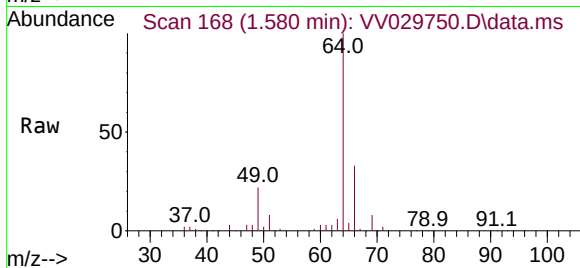




#8  
Chloroethane  
Concen: 52.754 ug/L  
RT: 1.580 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

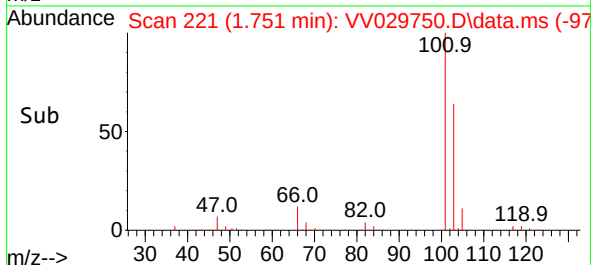
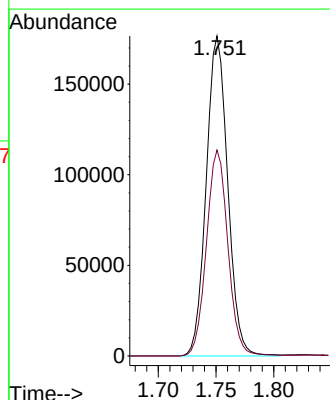
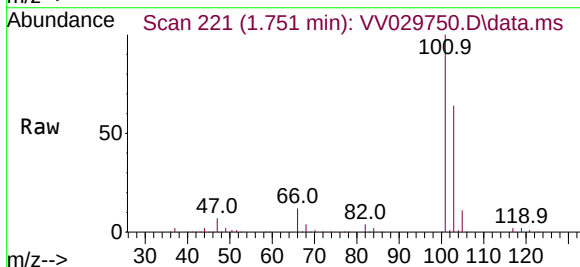
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

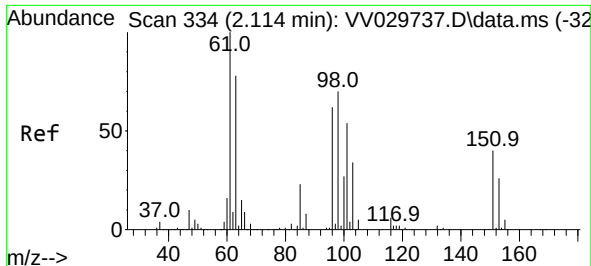
Tgt Ion: 64 Resp: 113753  
Ion Ratio Lower Upper  
64 100  
66 32.9 22.5 41.9



#9  
Trichlorofluoromethane  
Concen: 47.179 ug/L  
RT: 1.751 min Scan# 221  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion:101 Resp: 228713  
Ion Ratio Lower Upper  
101 100  
103 64.2 51.8 77.8

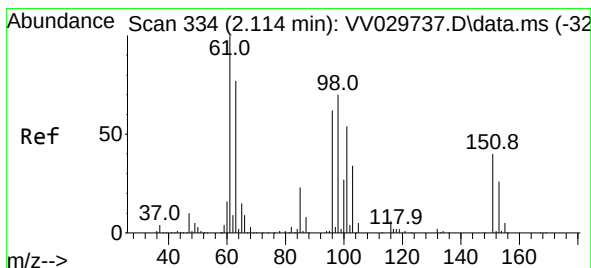
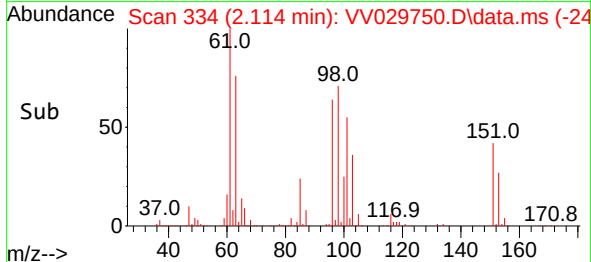
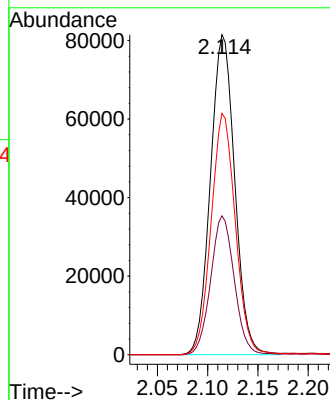
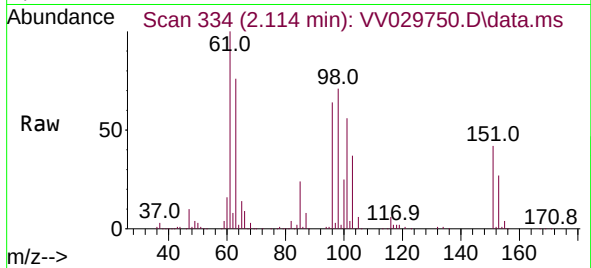




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 50.901 ug/L  
 RT: 2.114 min Scan# 334  
 Delta R.T. -0.000 min  
 Lab File: VV029750.D  
 Acq: 20 Dec 2022 14:47

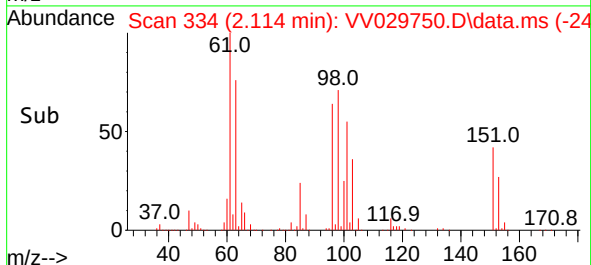
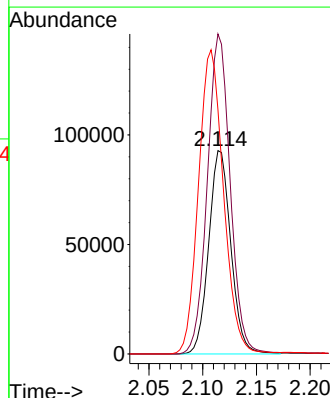
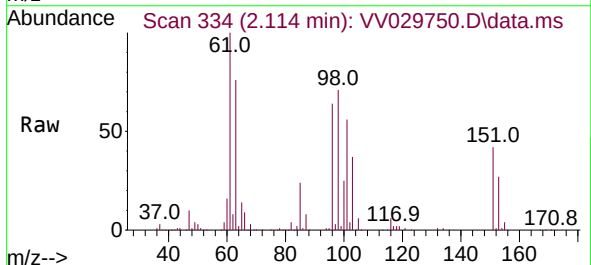
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXGJ0MSD

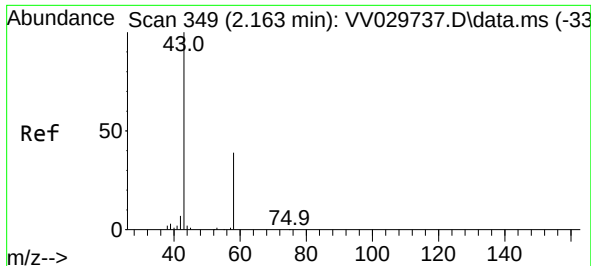
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 Ion Ratio Lower Upper  
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 151 75.2 63.5 95.3



#12  
 1,1-Dichloroethene  
 Concen: 48.256 ug/L  
 RT: 2.114 min Scan# 334  
 Delta R.T. -0.000 min  
 Lab File: VV029750.D  
 Acq: 20 Dec 2022 14:47

Tgt Ion: 96 Resp: 132934  
 Ion Ratio Lower Upper  
 96 100  
 61 157.3 103.3 191.9  
 63 120.0 77.3 143.7





#13

Acetone

Concen: 116.667 ug/L

RT: 2.159 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA\_V

ClientSampleId :

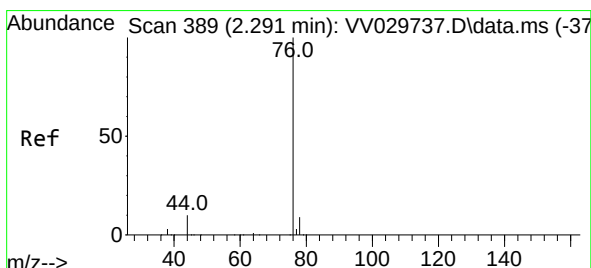
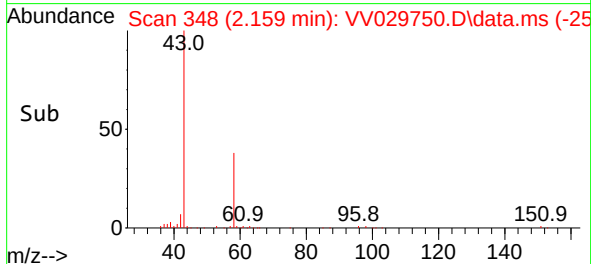
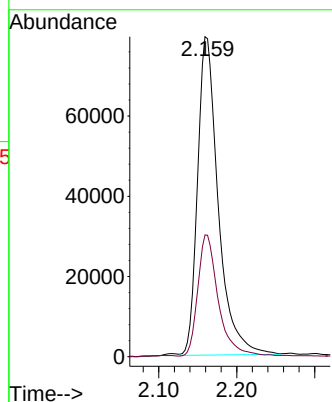
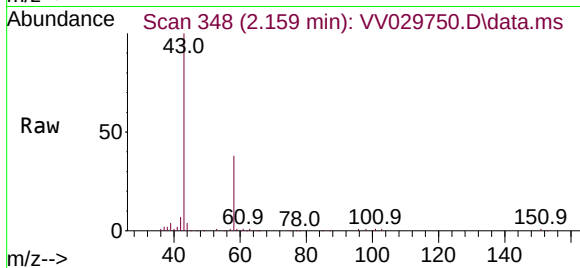
EXGJ0MSD

Tgt Ion: 43 Resp: 146320

Ion Ratio Lower Upper

43 100

58 37.6 0.0 74.8



#14

Carbon disulfide

Concen: 41.438 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029750.D

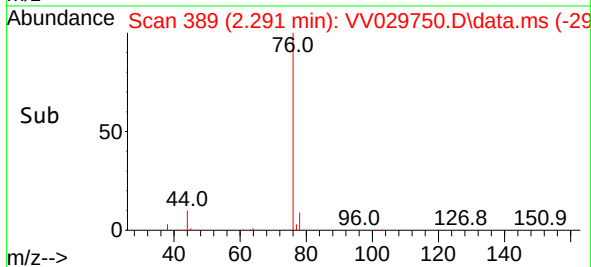
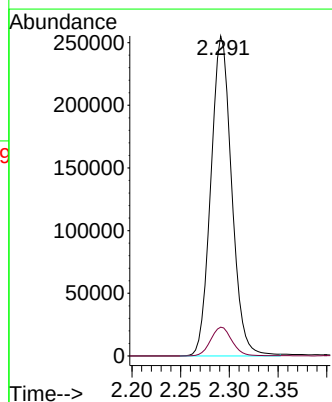
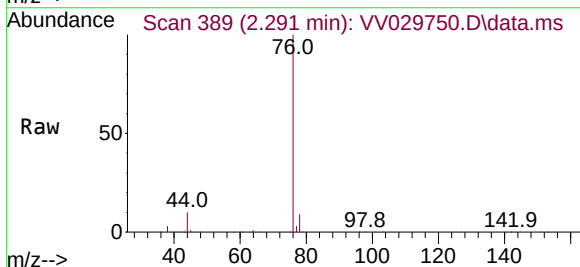
Acq: 20 Dec 2022 14:47

Tgt Ion: 76 Resp: 379911

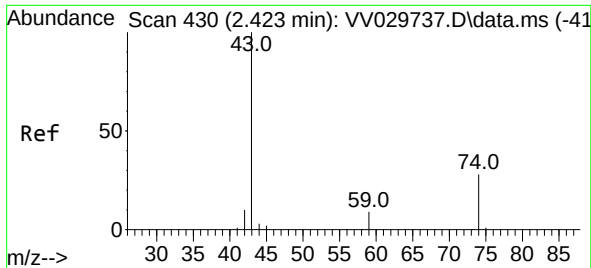
Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



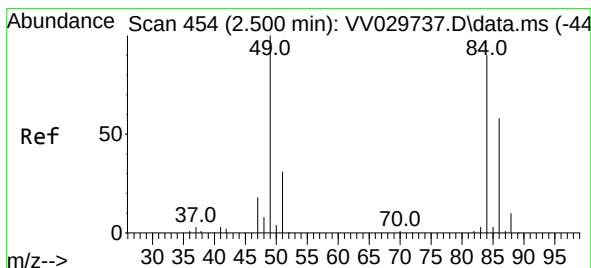
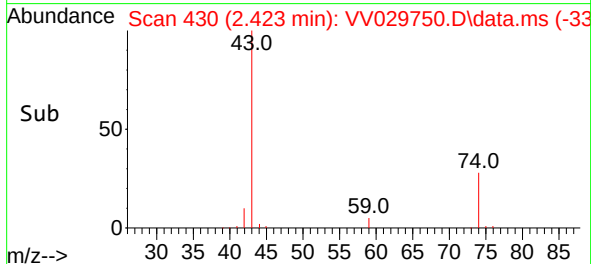
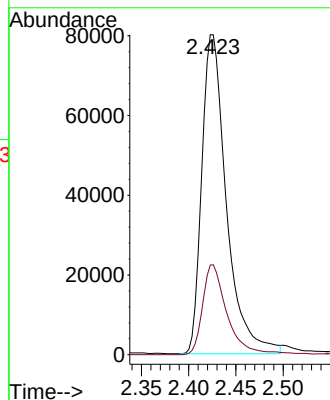
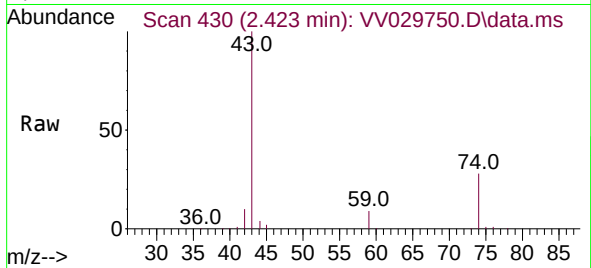




#15  
Methyl Acetate  
Concen: 50.848 ug/L  
RT: 2.423 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

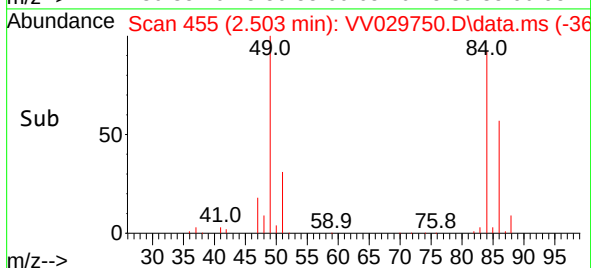
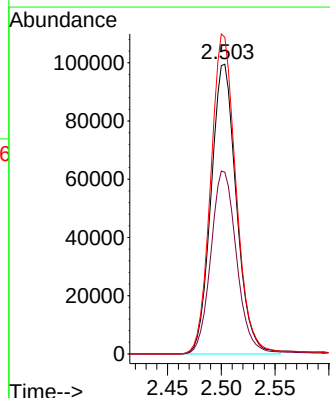
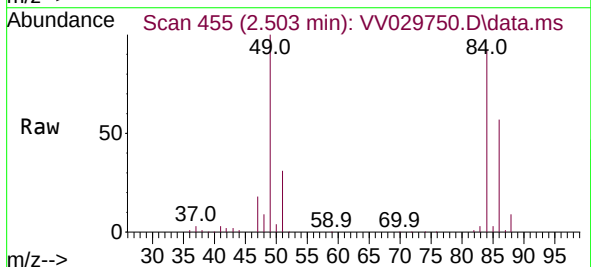
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

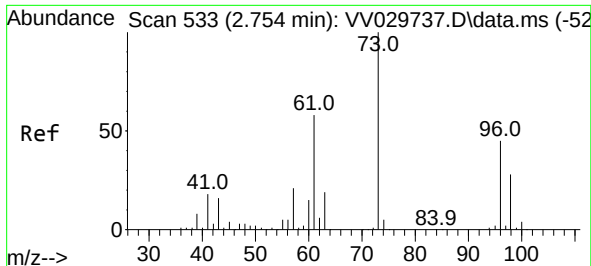
Tgt Ion: 43 Resp: 145293  
Ion Ratio Lower Upper  
43 100  
74 27.3 23.5 35.3



#16  
Methylene chloride  
Concen: 47.634 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. 0.003 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion: 84 Resp: 163158  
Ion Ratio Lower Upper  
84 100  
86 62.7 46.0 85.4  
49 109.3 72.2 134.0

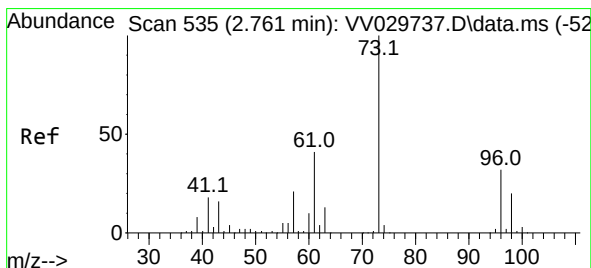
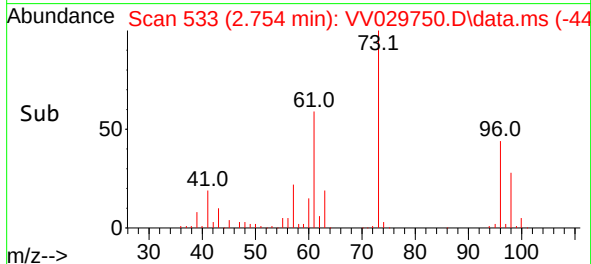
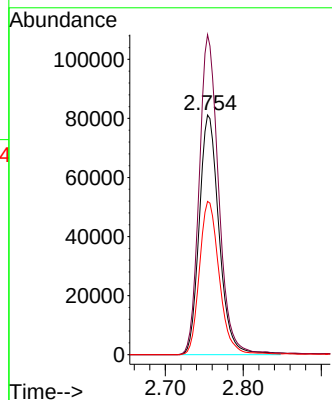
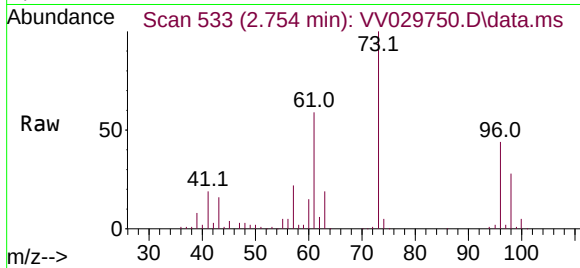




#17  
trans-1,2-Dichloroethene  
Concen: 45.208 ug/L  
RT: 2.754 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

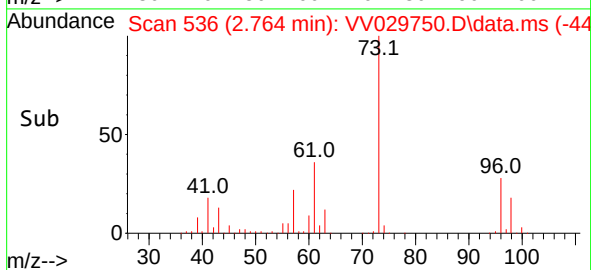
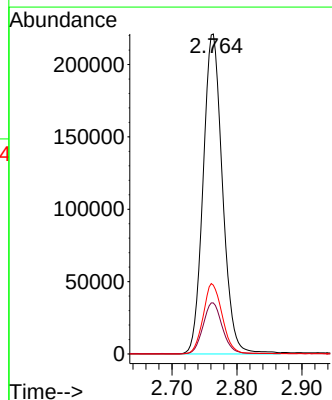
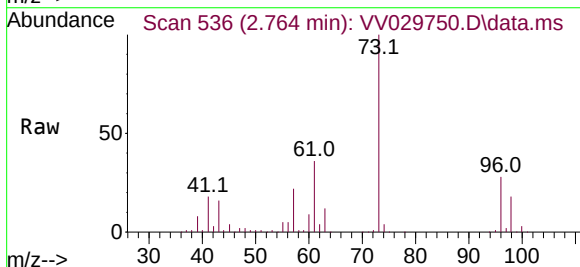
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

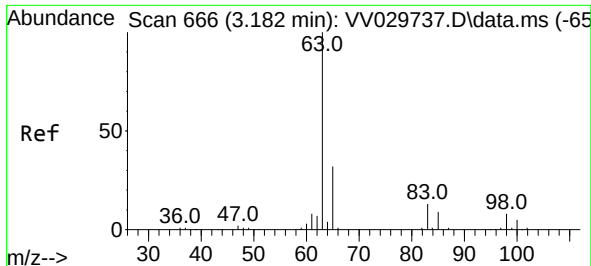
Tgt Ion: 96 Resp: 143496  
Ion Ratio Lower Upper  
96 100  
61 133.5 86.4 160.4  
98 63.9 43.4 80.6



#18  
Methyl tert-butyl Ether  
Concen: 47.237 ug/L  
RT: 2.764 min Scan# 536  
Delta R.T. 0.003 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion: 73 Resp: 459379  
Ion Ratio Lower Upper  
73 100  
43 15.7 12.7 19.1  
57 21.7 16.7 25.1





#19

1,1-Dichloroethane

Concen: 48.666 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA\_V

ClientSampleId :

EXGJ0MSD

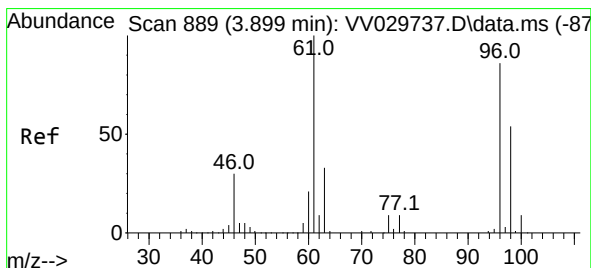
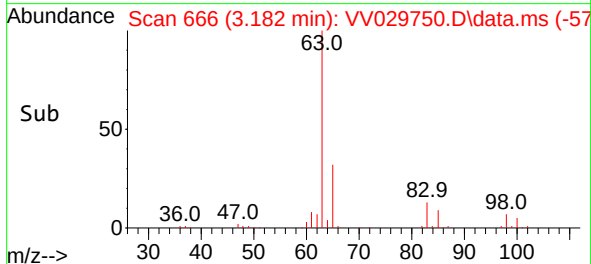
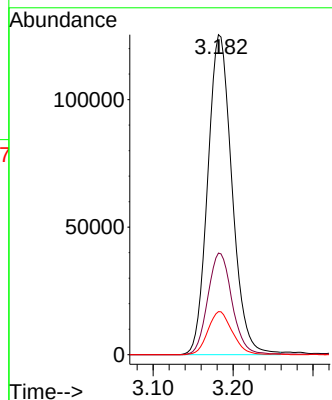
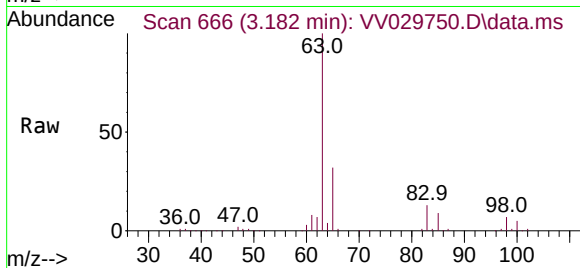
Tgt Ion: 63 Resp: 264637

Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.7

83 13.5 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 45.535 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

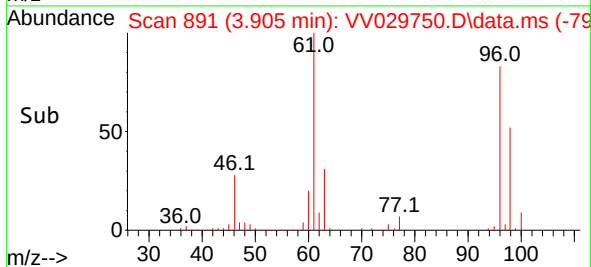
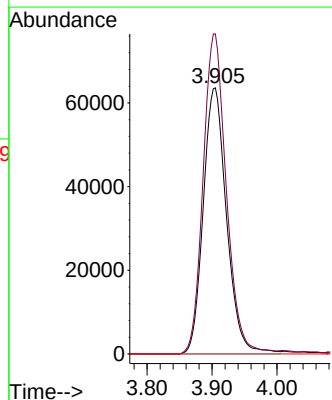
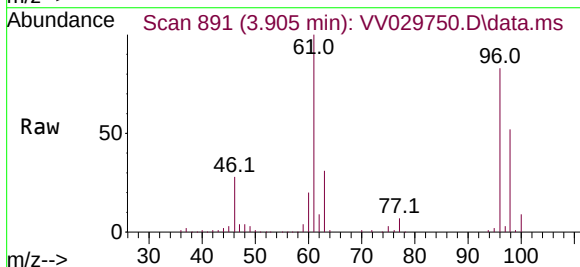
Tgt Ion: 96 Resp: 158932

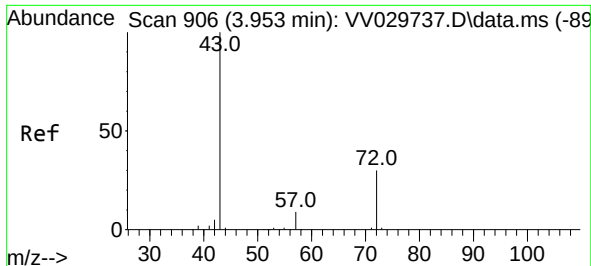
Ion Ratio Lower Upper

96 100

61 120.2 78.0 144.9

68 0.0 0.0 0.0

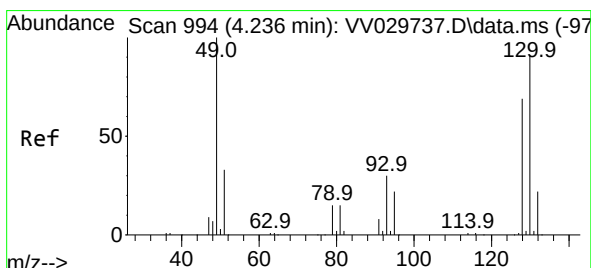
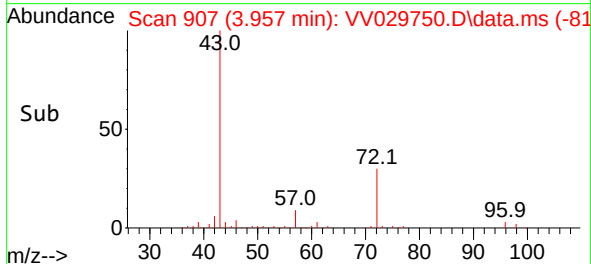
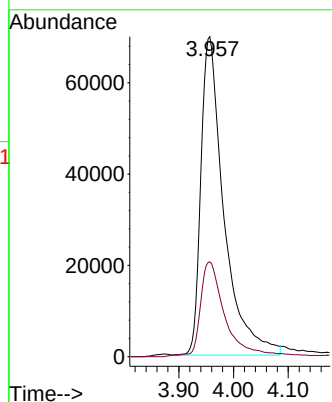
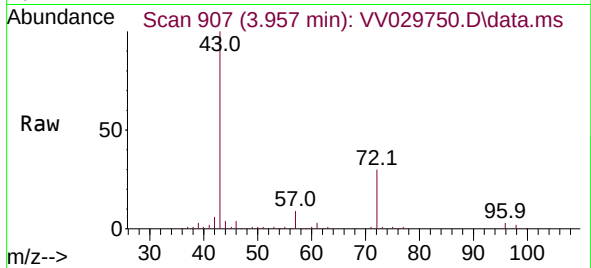




#22  
2-Butanone  
Concen: 102.120 ug/L  
RT: 3.957 min Scan# 906  
Delta R.T. 0.003 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

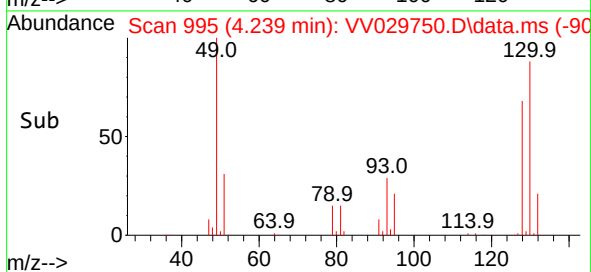
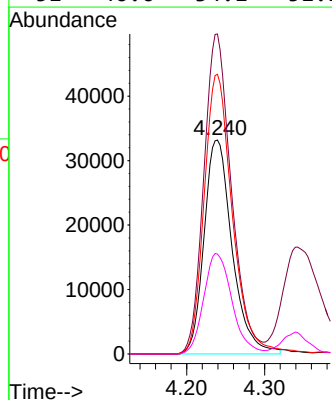
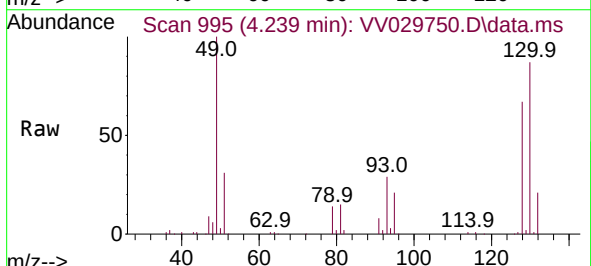
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

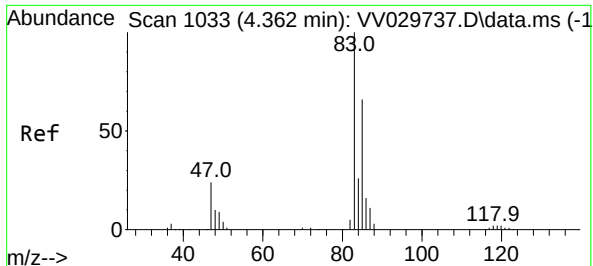
Tgt Ion: 43 Resp: 203791  
Ion Ratio Lower Upper  
43 100  
72 28.9 15.9 47.6



#23  
Bromochloromethane  
Concen: 46.149 ug/L  
RT: 4.239 min Scan# 995  
Delta R.T. 0.003 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion:128 Resp: 82943  
Ion Ratio Lower Upper  
128 100  
49 149.5 92.2 171.2  
130 130.7 88.3 164.1  
51 46.6 34.1 51.1





#25

Chloroform

Concen: 49.013 ug/L

RT: 4.365 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA\_V

ClientSampleId :

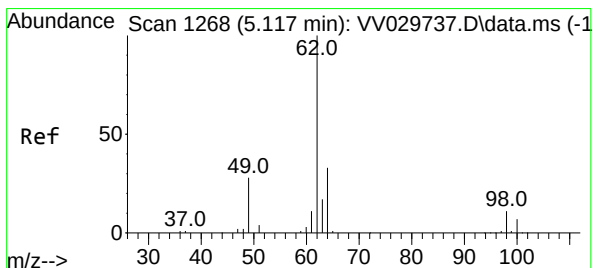
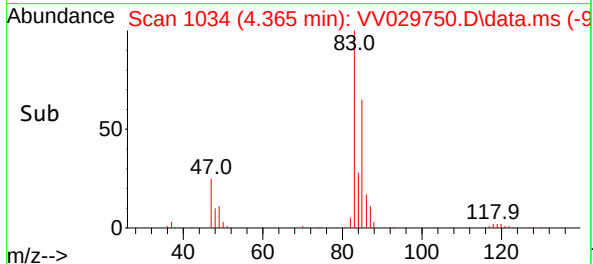
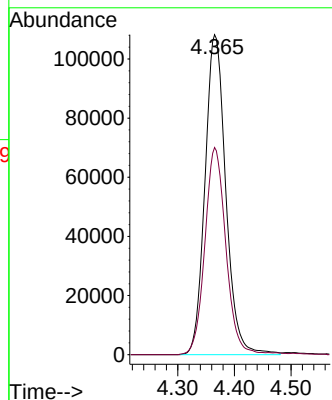
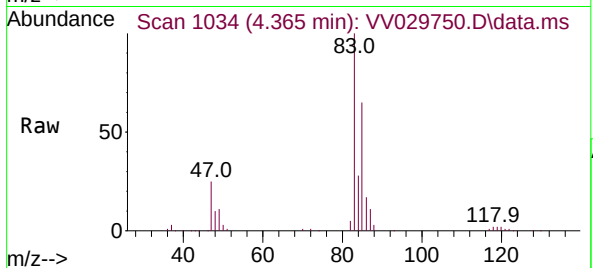
EXGJ0MSD

Tgt Ion: 83 Resp: 276309

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.9



#27

1,2-Dichloroethane

Concen: 47.641 ug/L

RT: 5.120 min Scan# 1269

Delta R.T. 0.003 min

Lab File: VV029750.D

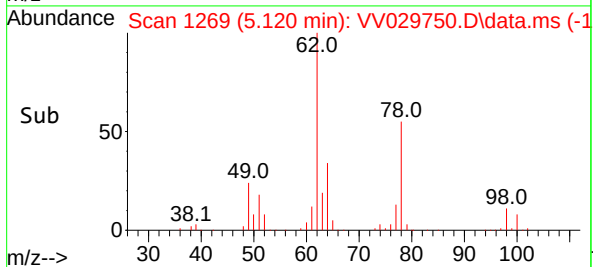
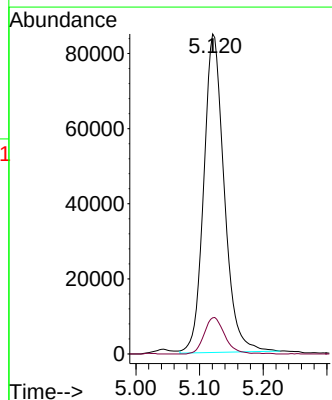
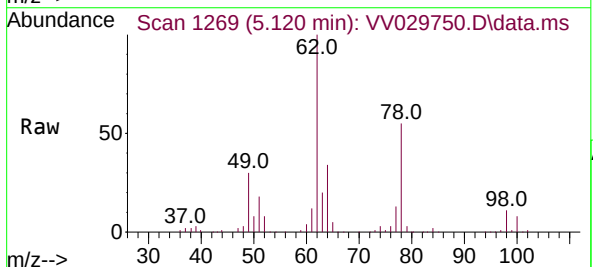
Acq: 20 Dec 2022 14:47

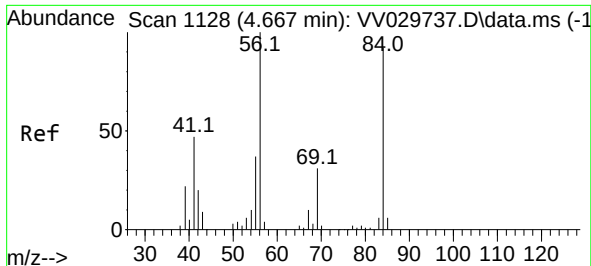
Tgt Ion: 62 Resp: 189721

Ion Ratio Lower Upper

62 100

98 11.3 9.4 14.0





#29

Cyclohexane

Concen: 43.043 ug/L

RT: 4.670 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA\_V

ClientSampleId :

EXGJ0MSD

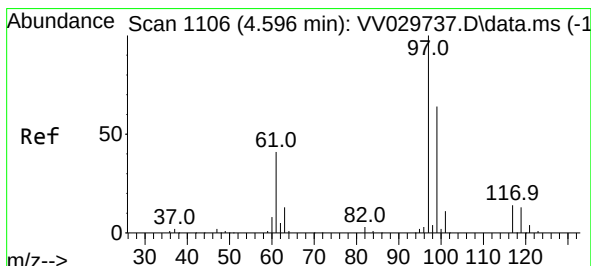
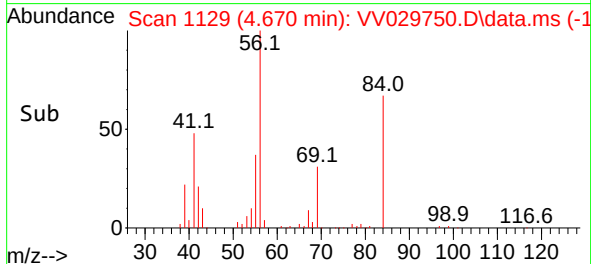
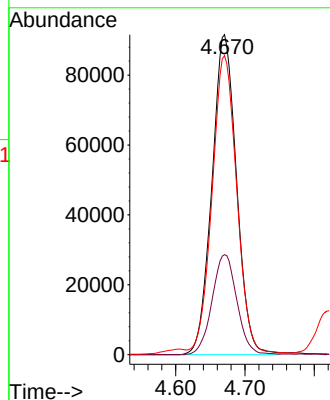
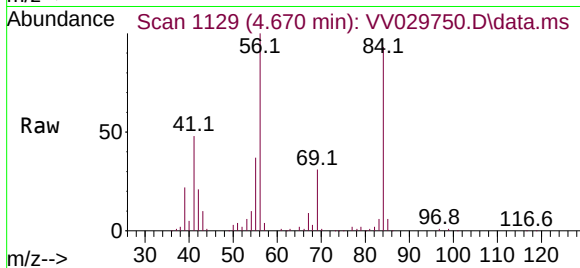
Tgt Ion: 56 Resp: 226035

Ion Ratio Lower Upper

56 100

69 31.5 25.8 38.8

84 94.1 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 43.323 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

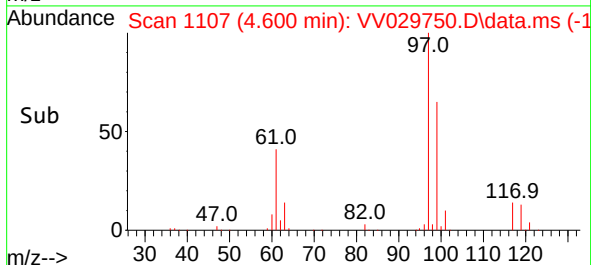
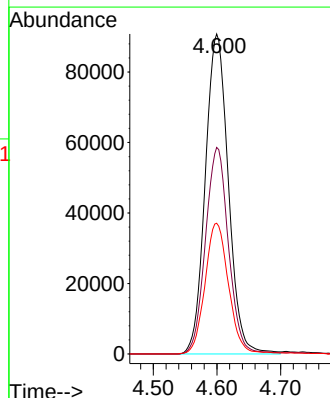
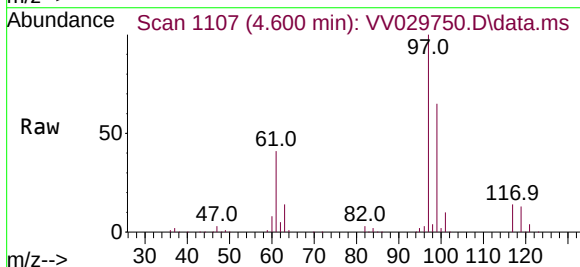
Tgt Ion: 97 Resp: 228813

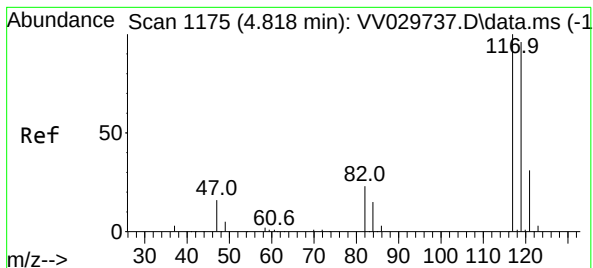
Ion Ratio Lower Upper

97 100

99 64.5 52.1 78.1

61 41.4 31.8 47.8





#31

Carbon tetrachloride

Concen: 42.472 ug/L

RT: 4.818 min Scan# 1175

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA\_V

ClientSampleId :

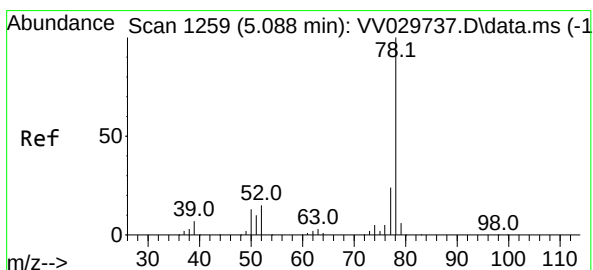
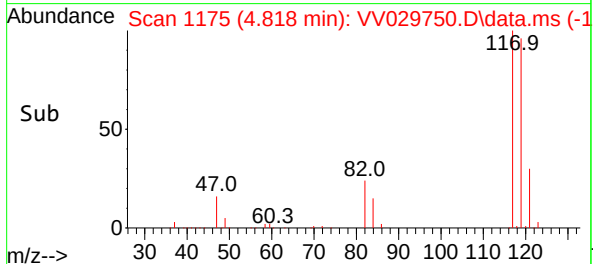
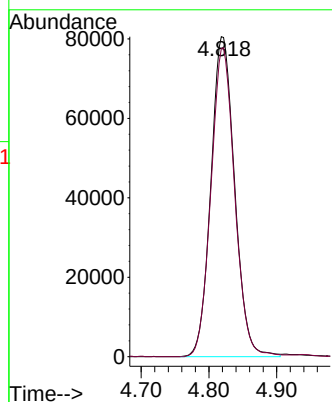
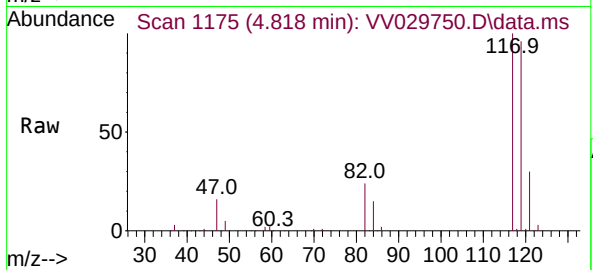
EXGJ0MSD

Tgt Ion:117 Resp: 195886

Ion Ratio Lower Upper

117 100

119 95.8 76.7 115.1



#33

Benzene

Concen: 45.270 ug/L

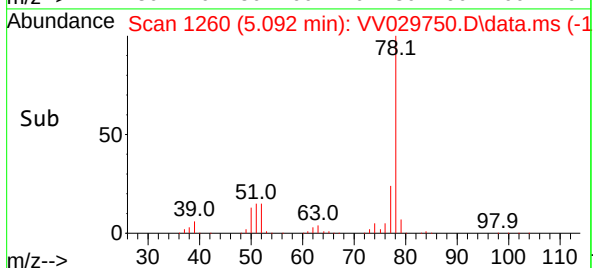
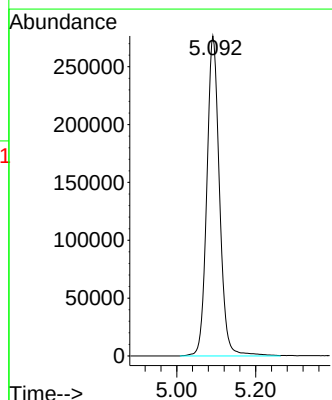
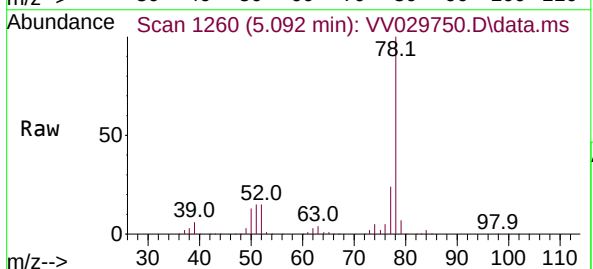
RT: 5.092 min Scan# 1260

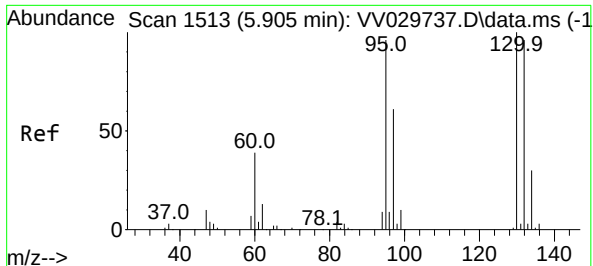
Delta R.T. 0.003 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Tgt Ion: 78 Resp: 618582



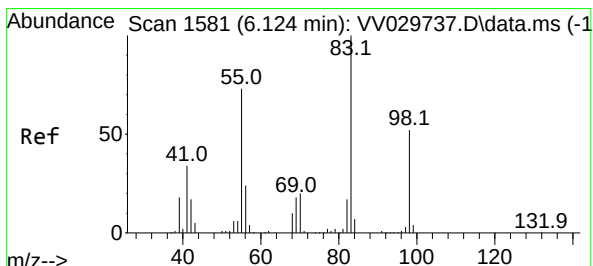
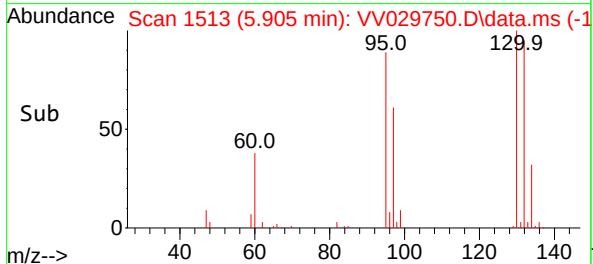
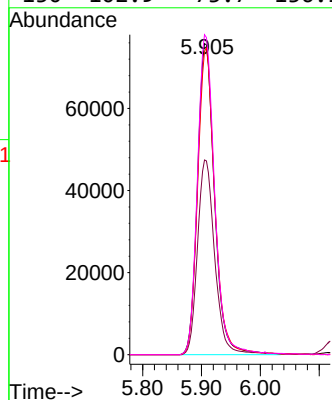
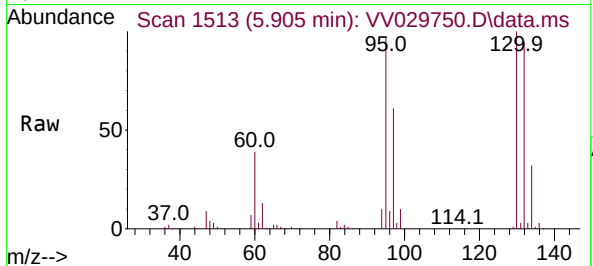


#34  
Trichloroethene  
Concen: 44.757 ug/L  
RT: 5.905 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

Tgt Ion: 95 Resp: 153249

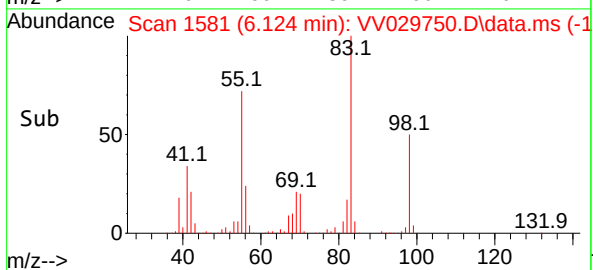
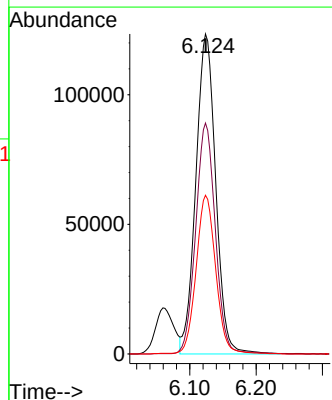
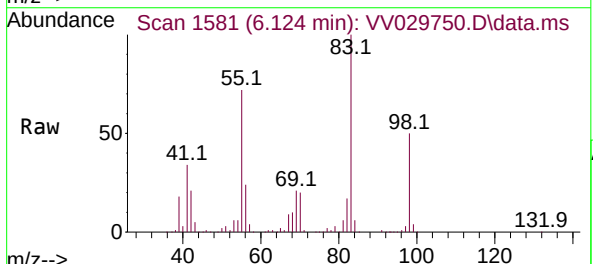
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 62.6  | 44.0  | 81.8  |
| 132 | 97.6  | 69.9  | 129.9 |
| 130 | 102.9 | 73.7  | 136.9 |



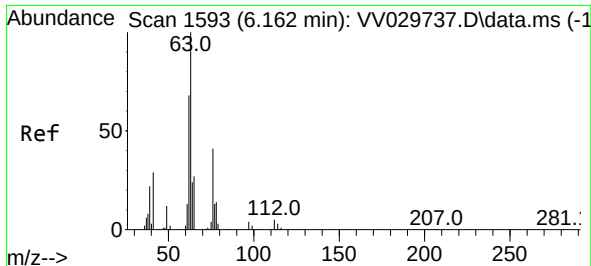
#35  
Methylcyclohexane  
Concen: 44.232 ug/L  
RT: 6.124 min Scan# 1581  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion: 83 Resp: 257232

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 70.7  | 55.5  | 83.3  |
| 98  | 48.8  | 39.8  | 59.8  |



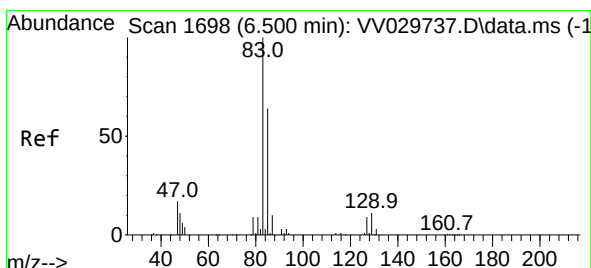
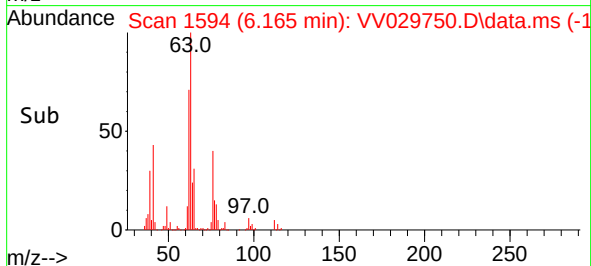
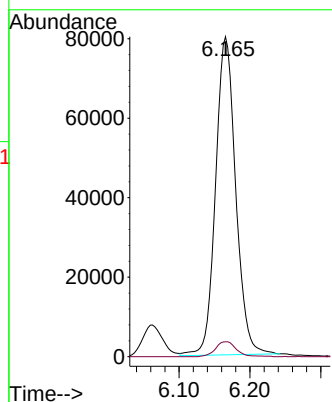
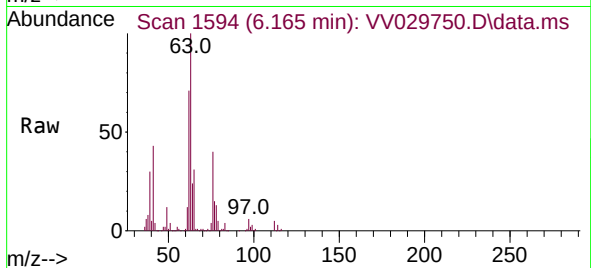




#37  
1,2-Dichloropropane  
Concen: 47.861 ug/L  
RT: 6.165 min Scan# 1593  
Delta R.T. 0.003 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

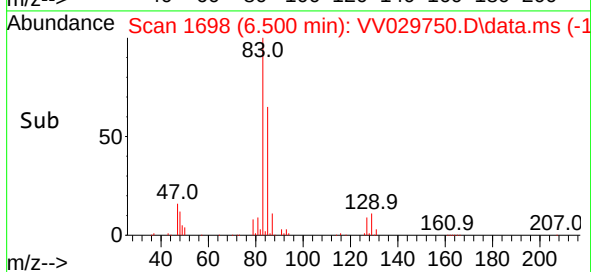
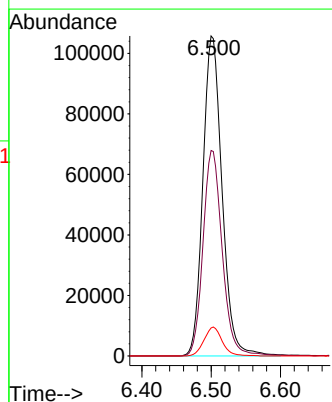
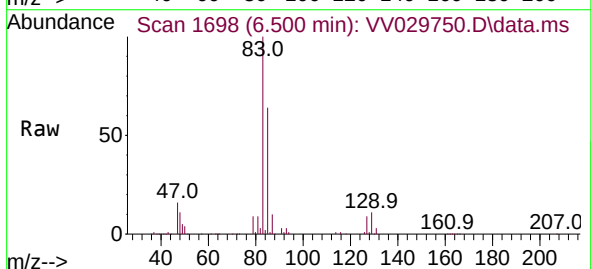
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

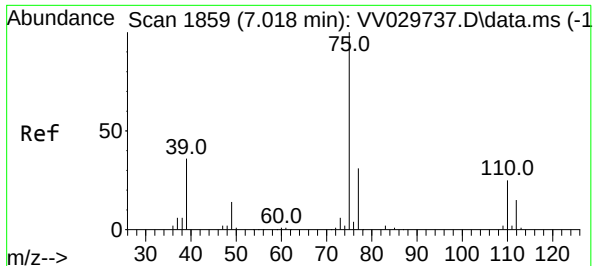
Tgt Ion: 63 Resp: 157845  
Ion Ratio Lower Upper  
63 100  
112 4.9 3.9 5.9



#38  
Bromodichloromethane  
Concen: 44.626 ug/L  
RT: 6.500 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion: 83 Resp: 203172  
Ion Ratio Lower Upper  
83 100  
85 64.2 45.3 84.1  
127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 42.061 ug/L

RT: 7.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA\_V

ClientSampleId :

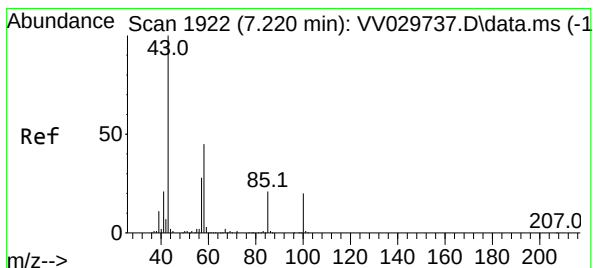
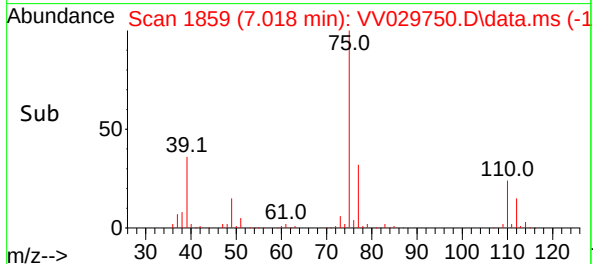
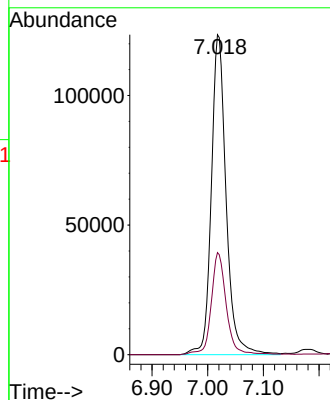
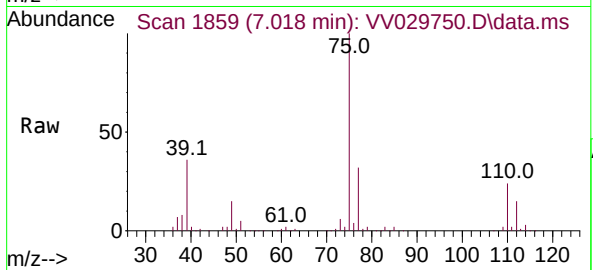
EXGJ0MSD

Tgt Ion: 75 Resp: 228135

Ion Ratio Lower Upper

75 100

77 31.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 99.140 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

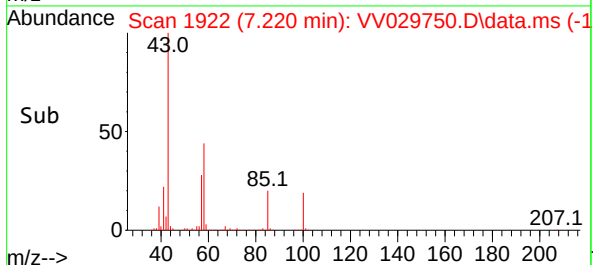
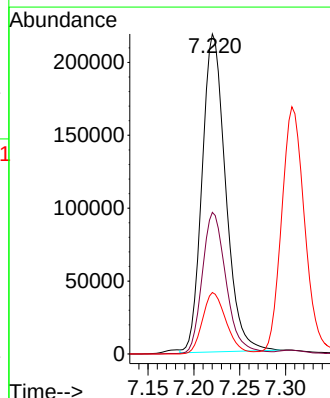
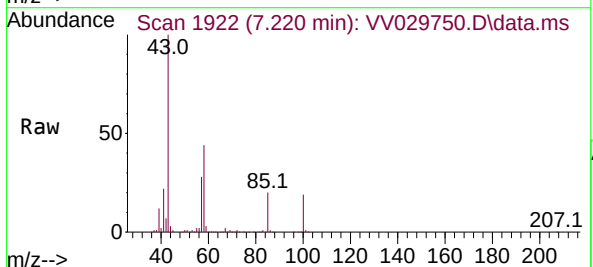
Tgt Ion: 43 Resp: 389838

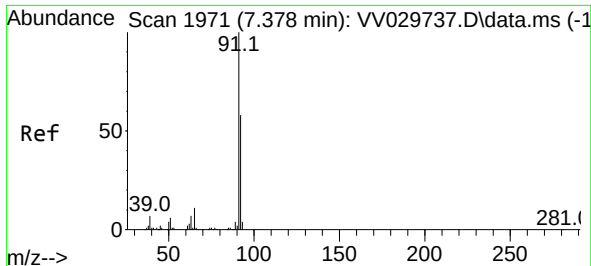
Ion Ratio Lower Upper

43 100

58 45.2 37.5 56.3

100 19.4 16.7 25.1





#42

Toluene

Concen: 44.538 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA\_V

ClientSampleId :

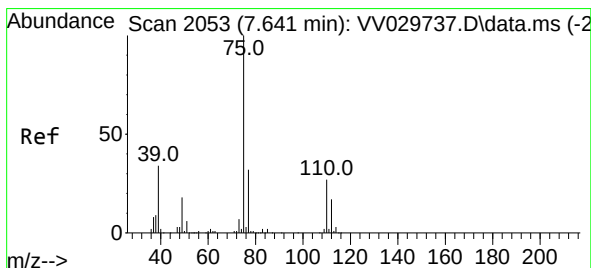
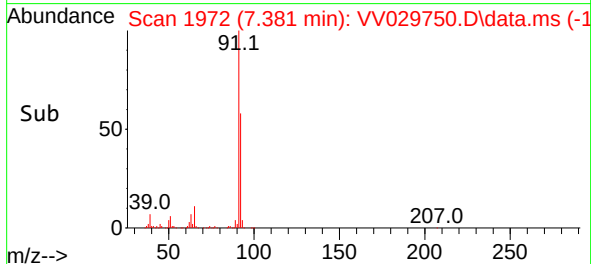
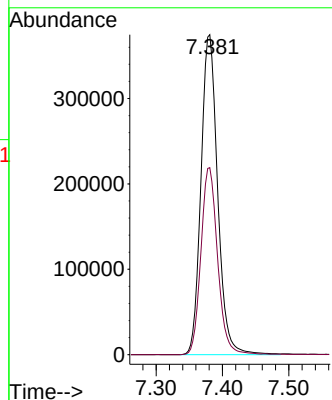
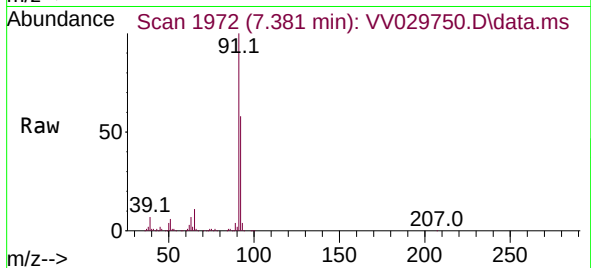
EXGJ0MSD

Tgt Ion: 91 Resp: 655026

Ion Ratio Lower Upper

91 100

92 58.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 42.413 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV029750.D

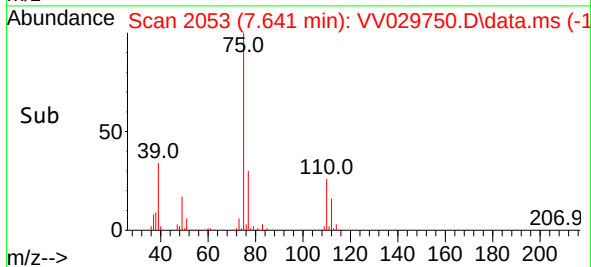
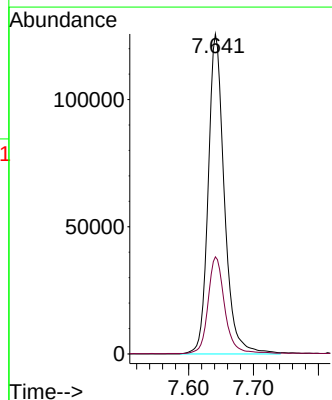
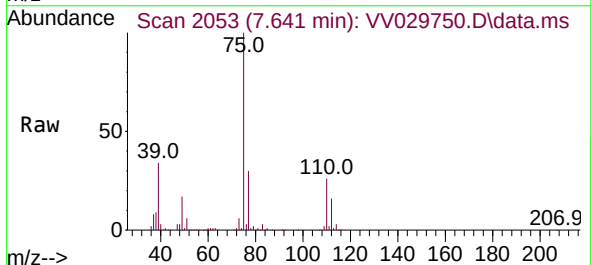
Acq: 20 Dec 2022 14:47

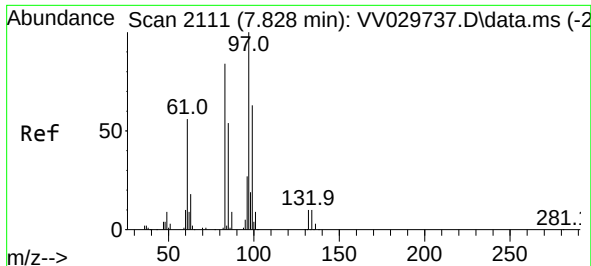
Tgt Ion: 75 Resp: 217857

Ion Ratio Lower Upper

75 100

77 30.3 22.3 41.5

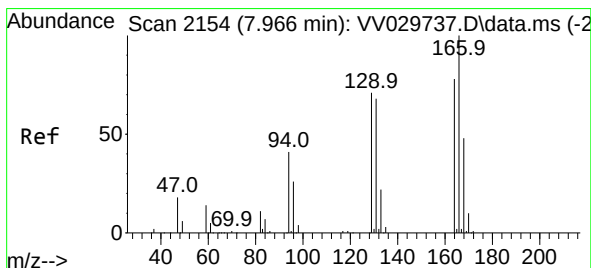
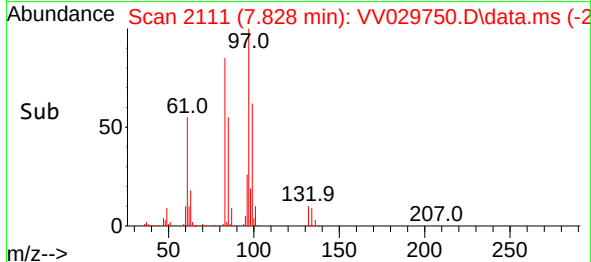
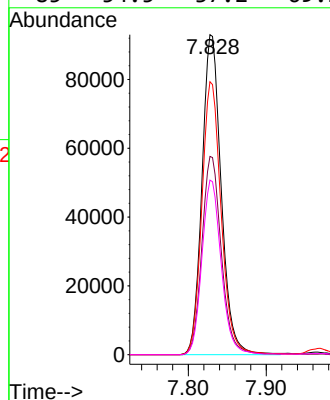
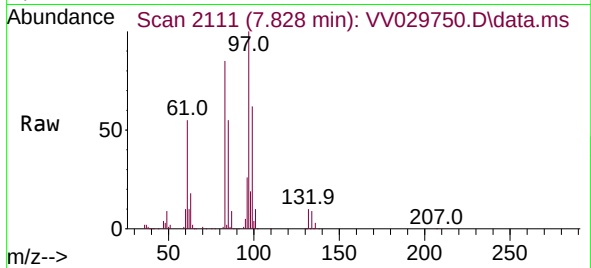




#45  
1,1,2-Trichloroethane  
Concen: 46.782 ug/L  
RT: 7.828 min Scan# 2111  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

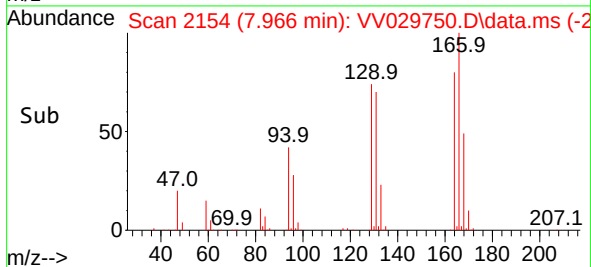
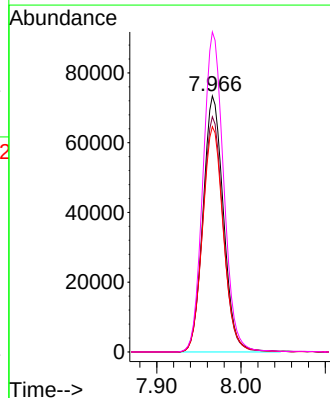
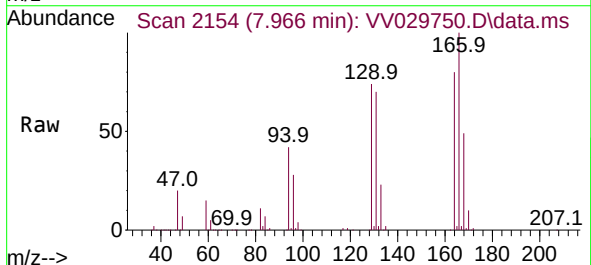
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

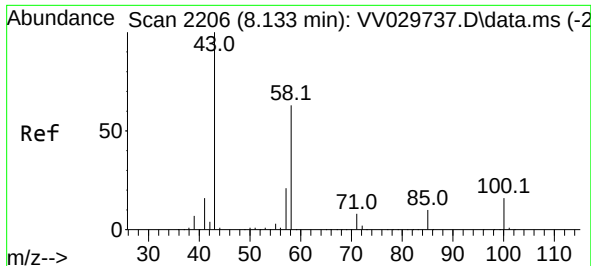
|             |              |
|-------------|--------------|
| Tgt Ion: 97 | Resp: 159396 |
| Ion Ratio   | Lower Upper  |
| 97 100      |              |
| 99 62.0     | 43.8 81.3    |
| 83 85.3     | 58.6 108.8   |
| 85 54.5     | 37.2 69.2    |



#46  
Tetrachloroethene  
Concen: 45.138 ug/L  
RT: 7.966 min Scan# 2154  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:164 | Resp: | 124260 |
| Ion | Ratio   | Lower | Upper  |
| 164 | 100     |       |        |
| 129 | 91.9    | 65.3  | 121.3  |
| 131 | 88.0    | 63.1  | 117.1  |
| 166 | 125.0   | 90.8  | 168.6  |



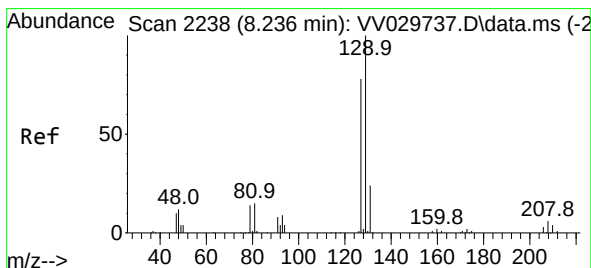
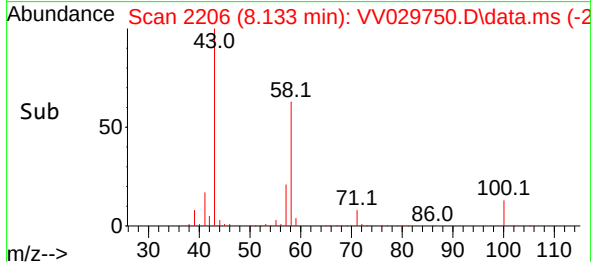
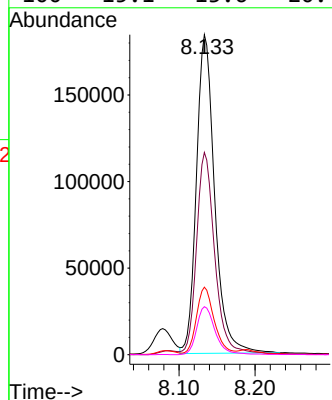
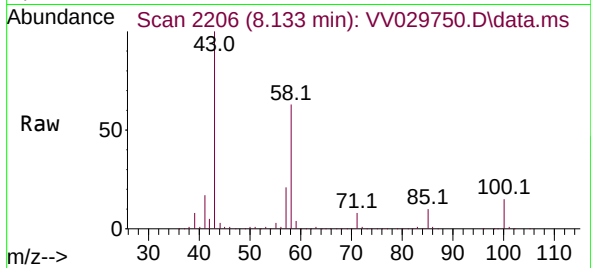


#48  
2-Hexanone  
Concen: 102.360 ug/L  
RT: 8.133 min Scan# 2206  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

Tgt Ion: 43 Resp: 307510

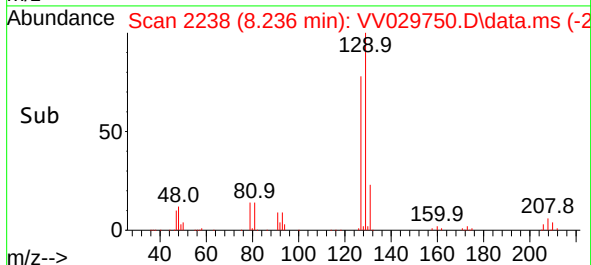
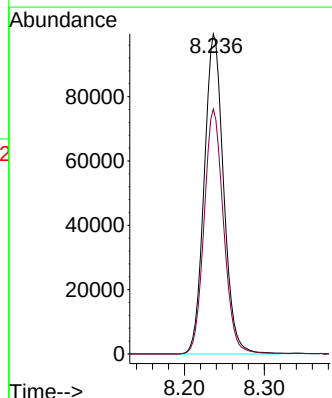
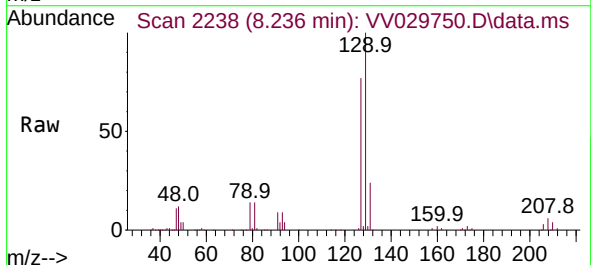
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 63.7  | 54.1  | 81.1  |
| 57  | 20.3  | 17.4  | 26.0  |
| 100 | 15.1  | 13.6  | 20.4  |

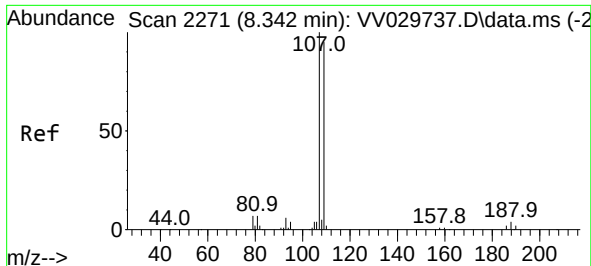


#49  
Dibromochloromethane  
Concen: 44.633 ug/L  
RT: 8.236 min Scan# 2238  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion: 129 Resp: 167896

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 76.6  | 55.2  | 102.4 |





#50

1,2-Dibromoethane

Concen: 45.459 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA\_V

ClientSampleId :

EXGJ0MSD

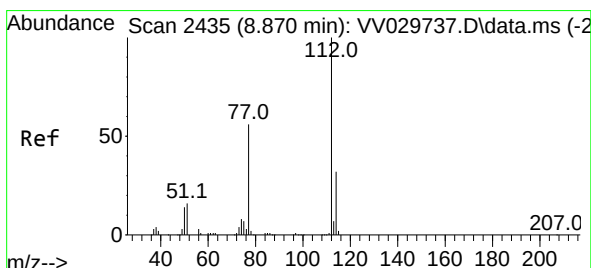
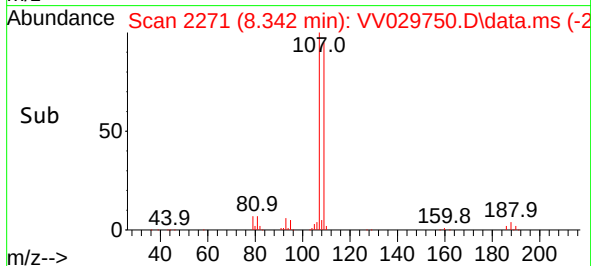
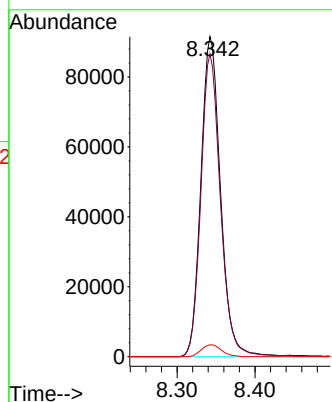
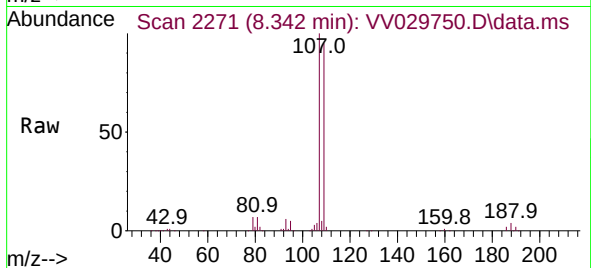
Tgt Ion:107 Resp: 159571

Ion Ratio Lower Upper

107 100

109 94.7 66.0 122.6

188 3.7 3.2 4.8



#51

Chlorobenzene

Concen: 46.050 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.003 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

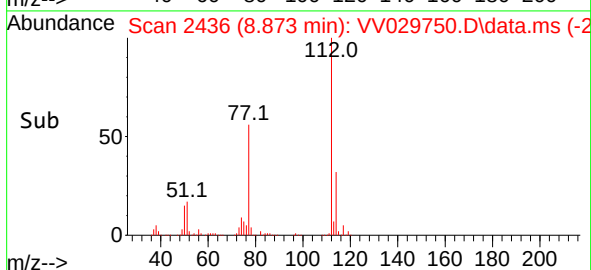
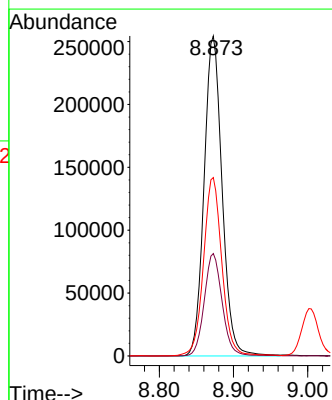
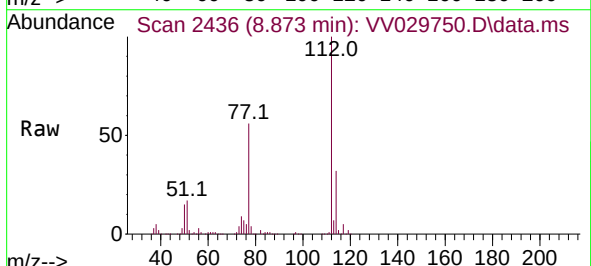
Tgt Ion:112 Resp: 428866

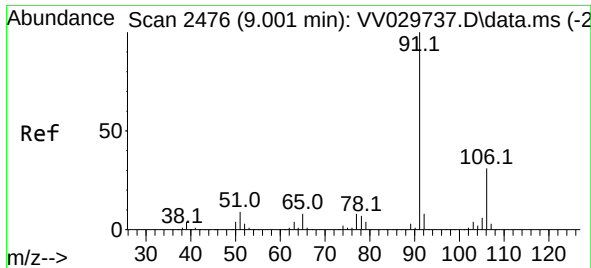
Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.3

77 55.8 45.0 67.4

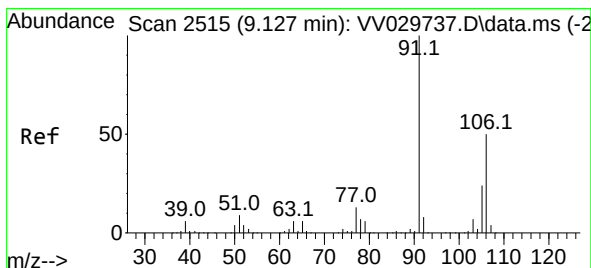
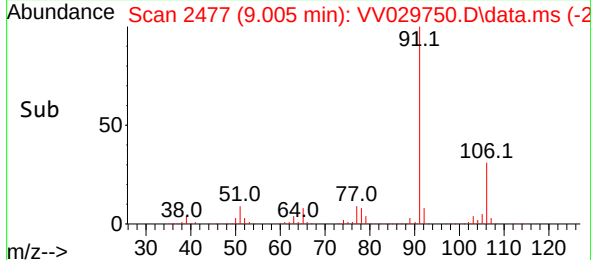
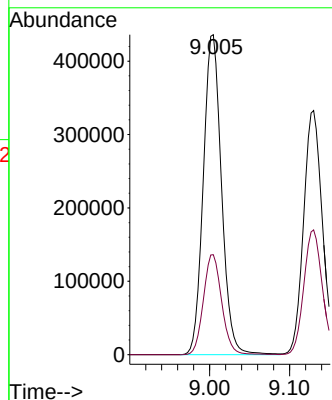
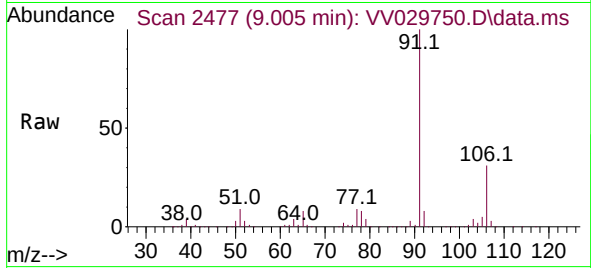




#52  
Ethylbenzene  
Concen: 44.723 ug/L  
RT: 9.005 min Scan# 2476  
Delta R.T. 0.003 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

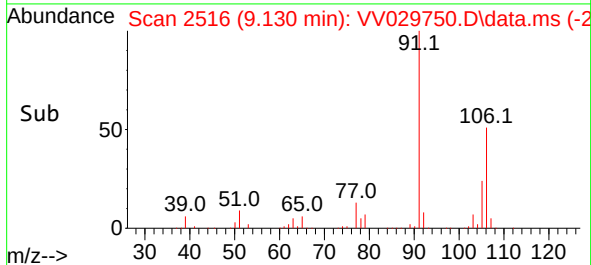
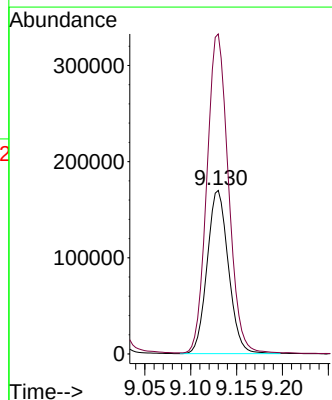
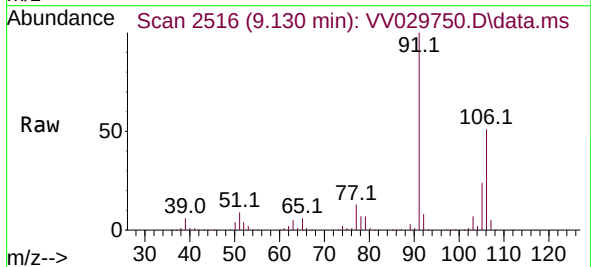
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

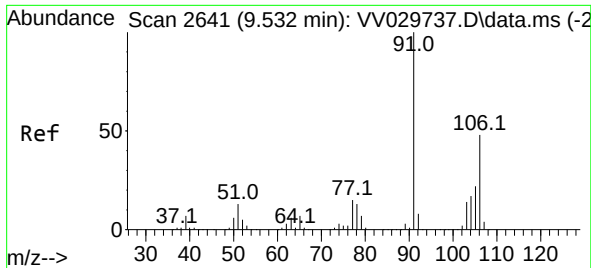
Tgt Ion: 91 Resp: 691523  
Ion Ratio Lower Upper  
91 100  
106 31.3 21.8 40.6



#53  
m,p-Xylene  
Concen: 44.775 ug/L  
RT: 9.130 min Scan# 2516  
Delta R.T. 0.003 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion: 106 Resp: 274018  
Ion Ratio Lower Upper  
106 100  
91 195.6 139.5 259.1

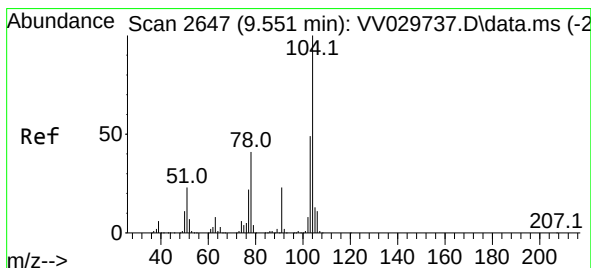
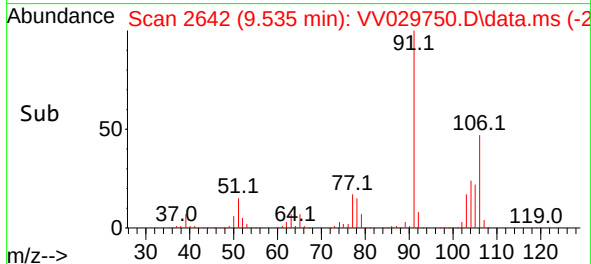
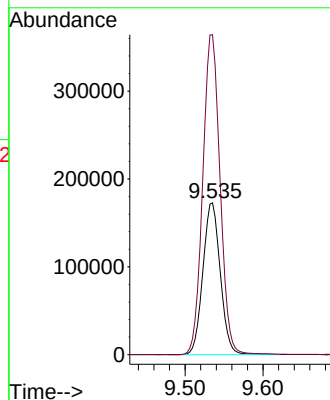
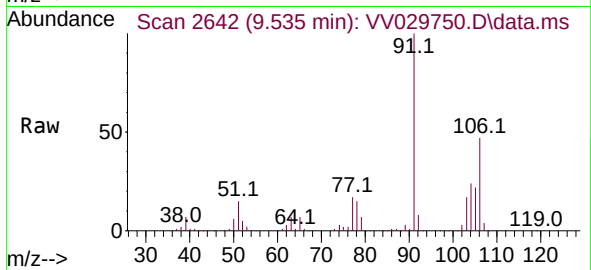




#54  
o-Xylene  
Concen: 44.256 ug/L  
RT: 9.535 min Scan# 2642  
Delta R.T. 0.003 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

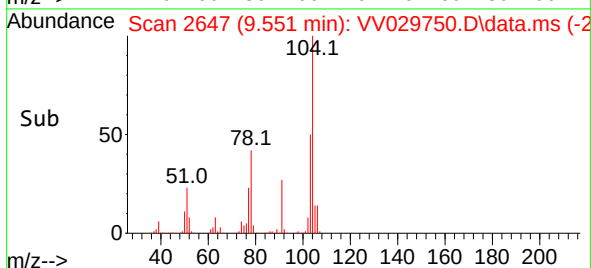
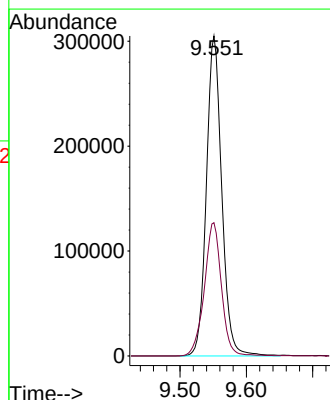
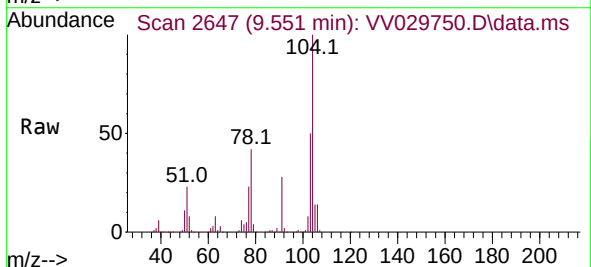
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

Tgt Ion:106 Resp: 267905  
Ion Ratio Lower Upper  
106 100  
91 210.7 148.0 274.8

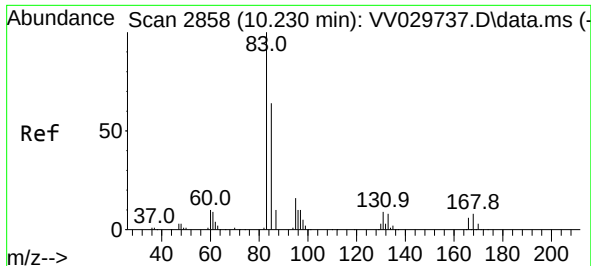


#55  
Styrene  
Concen: 46.720 ug/L  
RT: 9.551 min Scan# 2647  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion:104 Resp: 491493  
Ion Ratio Lower Upper  
104 100  
78 41.6 29.4 54.6







#57

1,1,2,2-Tetrachloroethane

Concen: 48.277 ug/L

RT: 10.230 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA\_V

ClientSampleId :

EXGJ0MSD

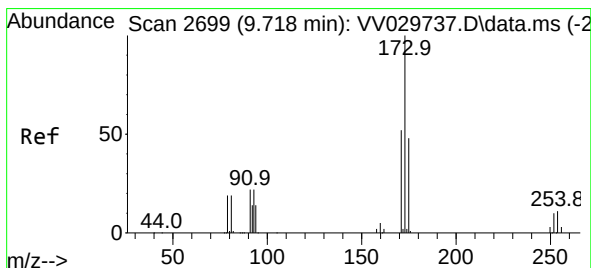
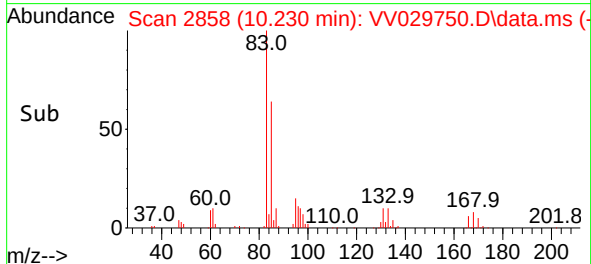
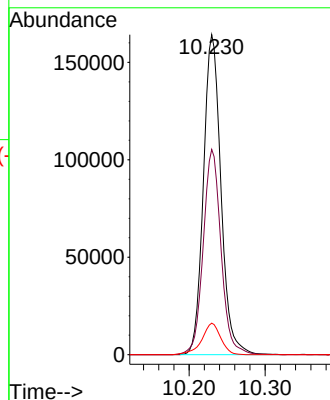
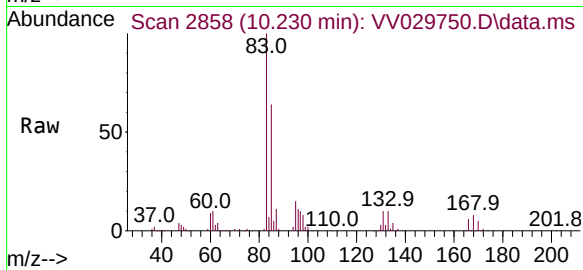
Tgt Ion: 83 Resp: 263121

Ion Ratio Lower Upper

83 100

85 64.2 45.7 84.9

131 9.8 7.9 11.9



#59

Bromoform

Concen: 41.497 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.003 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

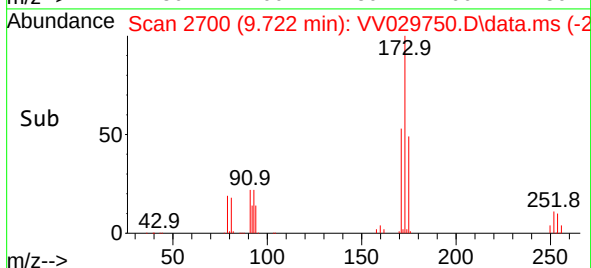
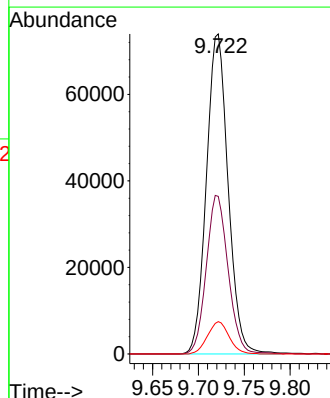
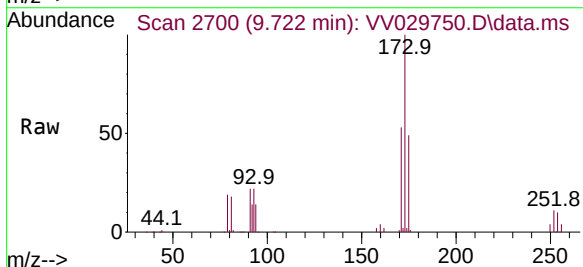
Tgt Ion: 173 Resp: 121798

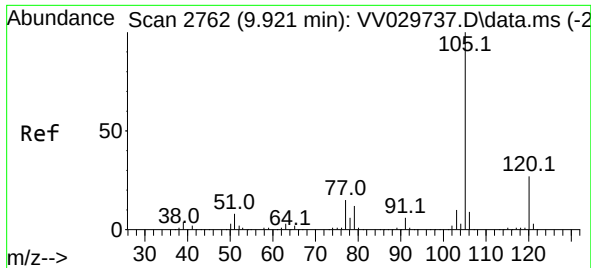
Ion Ratio Lower Upper

173 100

175 49.8 38.4 57.6

254 10.1 7.8 11.8

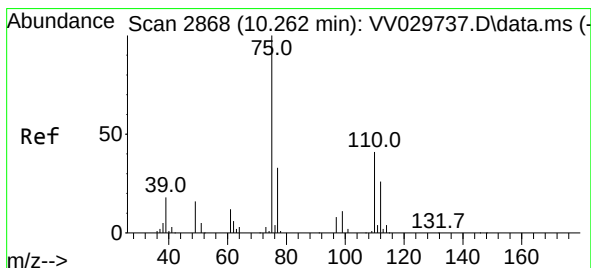
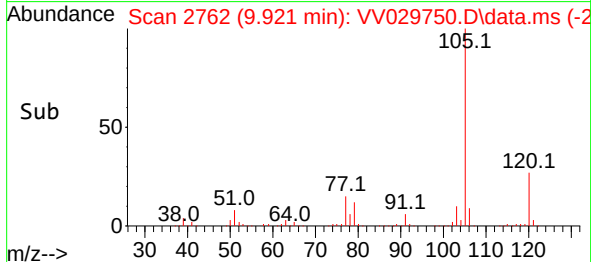
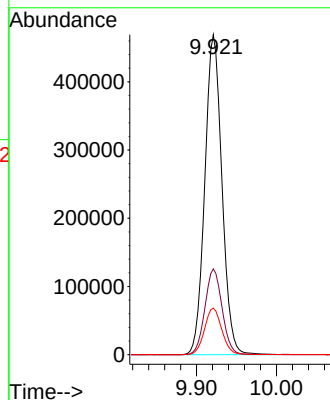
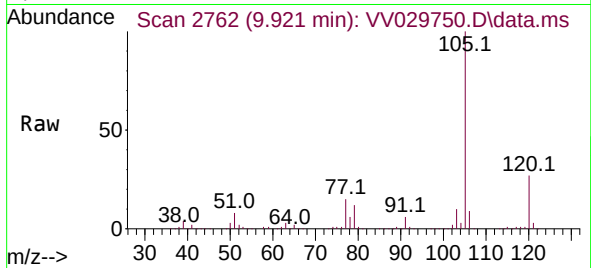




#60  
Isopropylbenzene  
Concen: 44.890 ug/L  
RT: 9.921 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

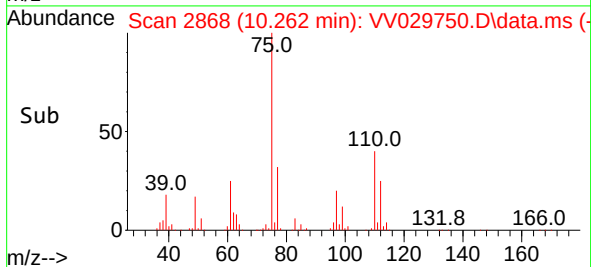
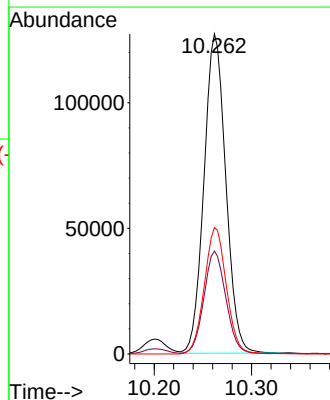
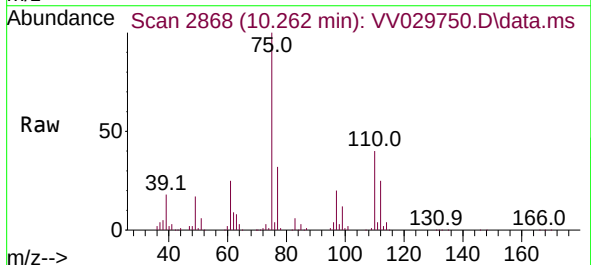
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

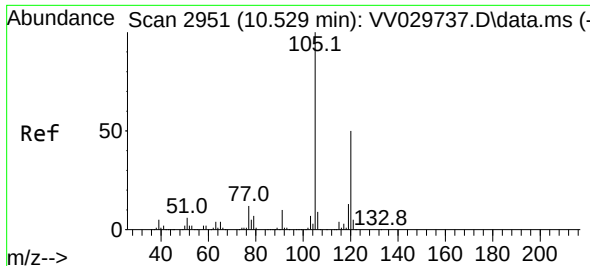
Tgt Ion:105 Resp: 700259  
Ion Ratio Lower Upper  
105 100  
120 26.9 21.1 31.7  
77 14.7 11.6 17.4



#61  
1,2,3-Trichloropropane  
Concen: 48.178 ug/L  
RT: 10.262 min Scan# 2868  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion: 75 Resp: 197591  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.4 38.2  
110 39.9 32.7 49.1

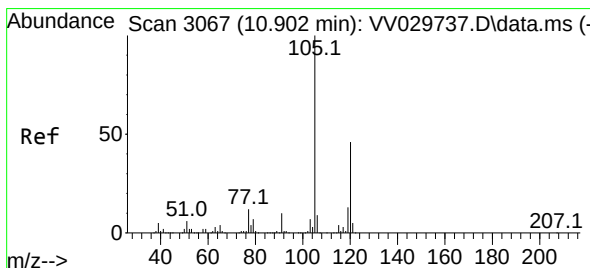
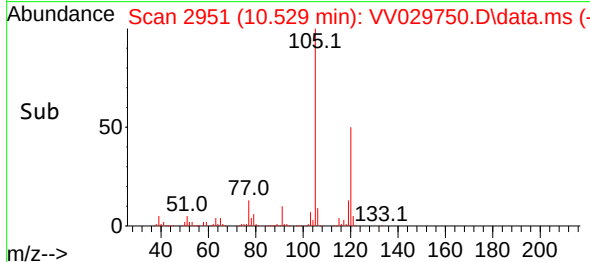
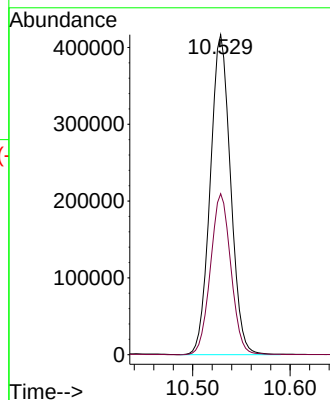
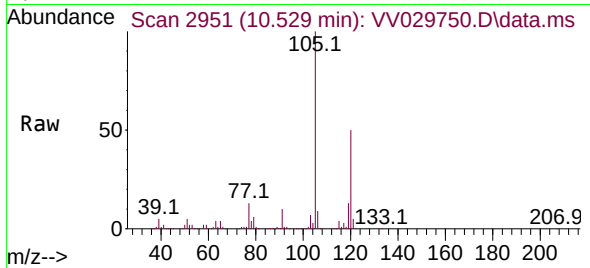




#62  
1,3,5-Trimethylbenzene  
Concen: 43.840 ug/L  
RT: 10.529 min Scan# 2951  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

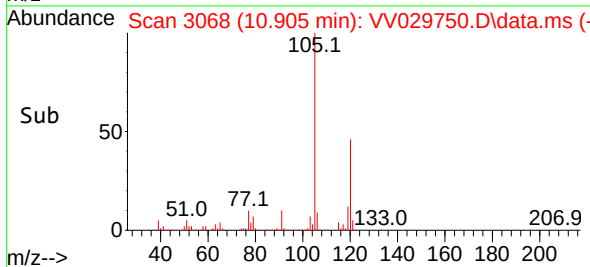
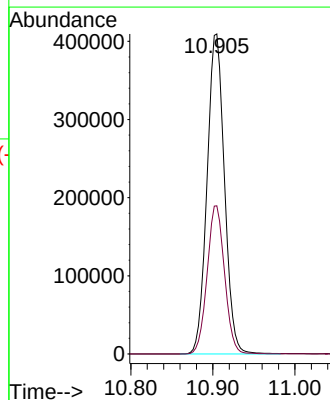
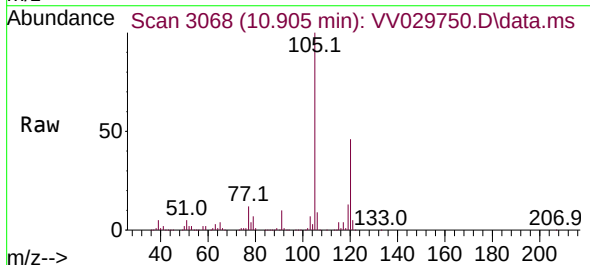
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

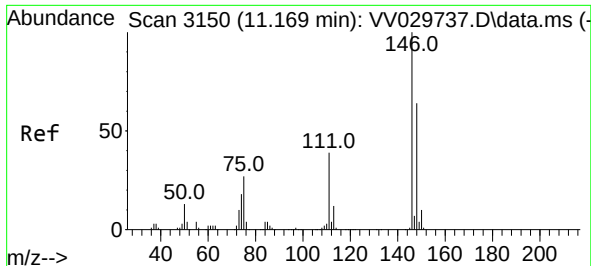
Tgt Ion:105 Resp: 604672  
Ion Ratio Lower Upper  
105 100  
120 50.5 40.0 60.0



#63  
1,2,4-Trimethylbenzene  
Concen: 44.188 ug/L  
RT: 10.905 min Scan# 3068  
Delta R.T. 0.003 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion:105 Resp: 604144  
Ion Ratio Lower Upper  
105 100  
120 46.3 36.7 55.1

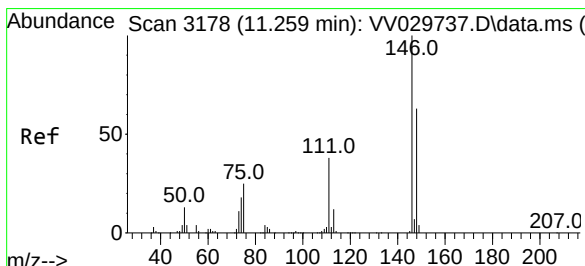
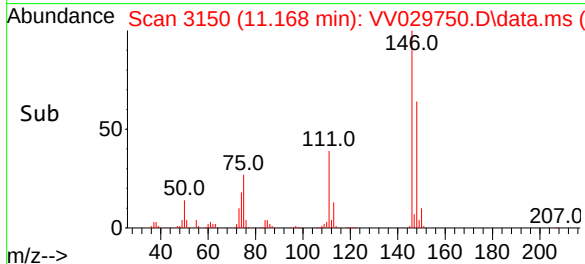
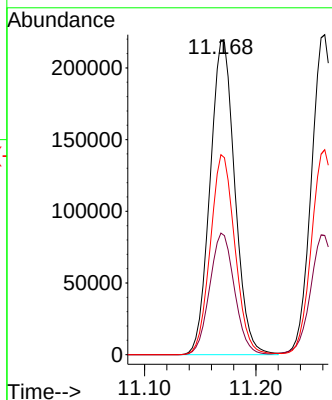
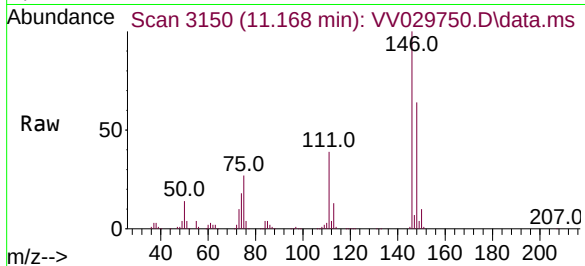




#64  
1,3-Dichlorobenzene  
Concen: 44.462 ug/L  
RT: 11.168 min Scan# 3150  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

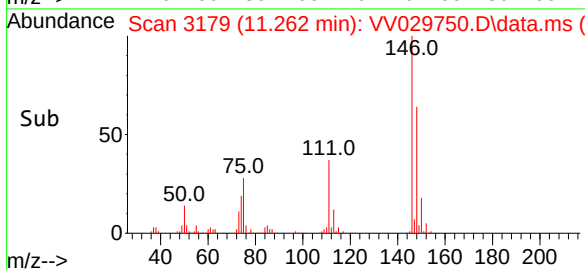
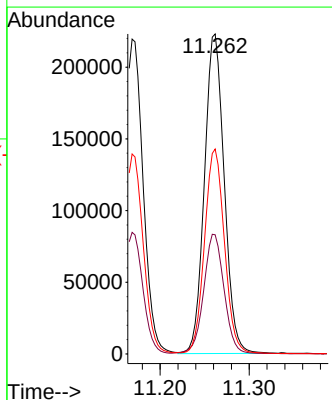
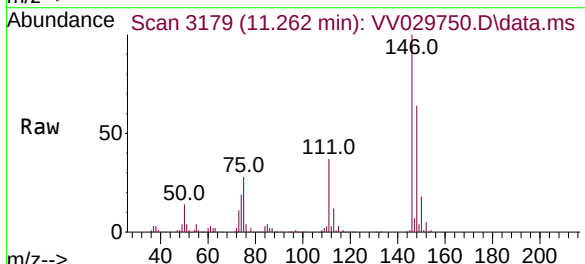
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

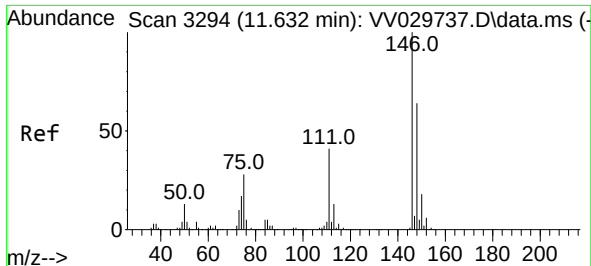
Tgt Ion:146 Resp: 339130  
Ion Ratio Lower Upper  
146 100  
111 38.6 27.4 51.0  
148 63.5 44.6 82.8



#65  
1,4-Dichlorobenzene  
Concen: 44.387 ug/L  
RT: 11.262 min Scan# 3179  
Delta R.T. 0.003 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion:146 Resp: 344070  
Ion Ratio Lower Upper  
146 100  
111 37.2 26.2 48.8  
148 64.0 44.7 83.1

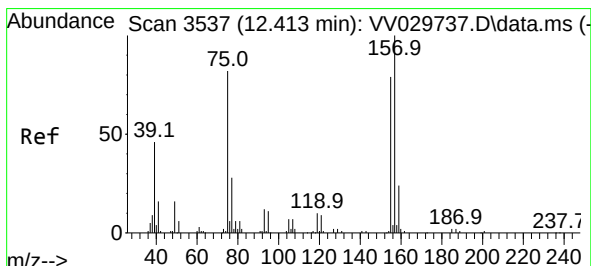
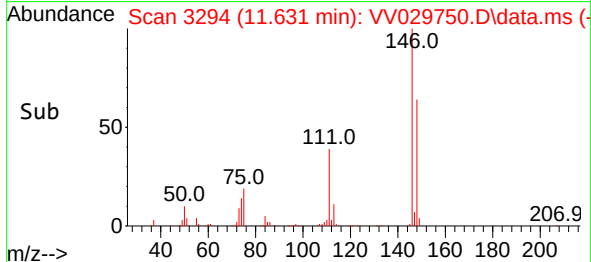
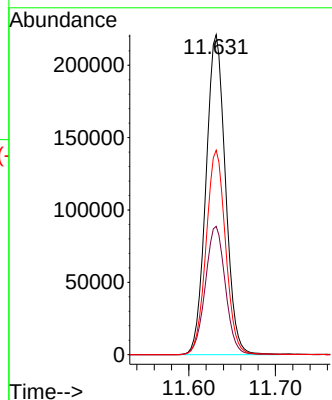
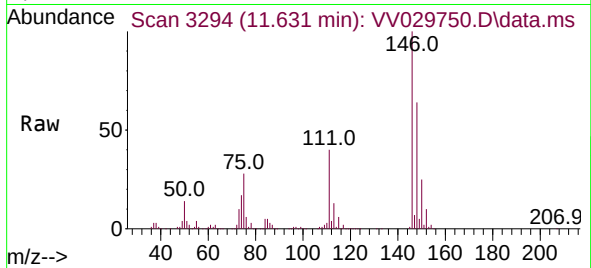




#67  
1,2-Dichlorobenzene  
Concen: 44.309 ug/L  
RT: 11.631 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

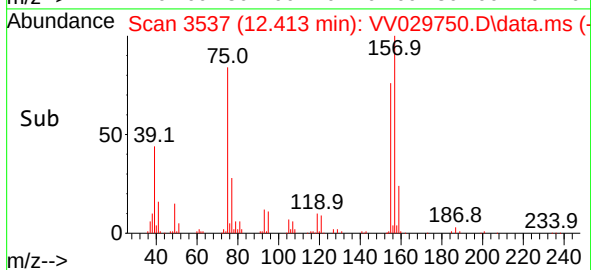
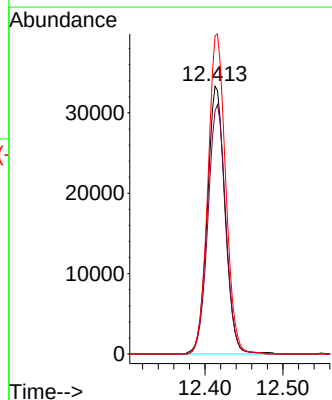
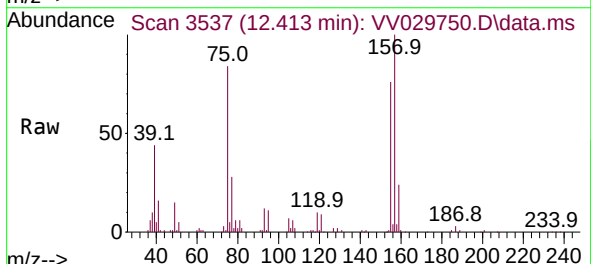
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

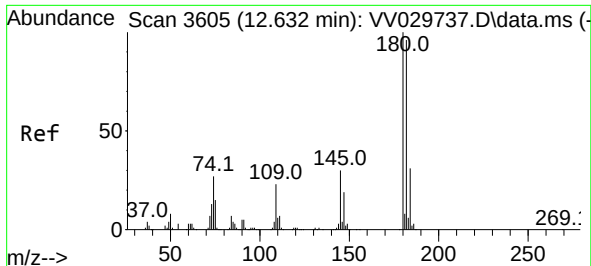
Tgt Ion:146 Resp: 345593  
Ion Ratio Lower Upper  
146 100  
111 40.1 32.0 48.0  
148 63.9 50.6 76.0



#68  
1,2-Dibromo-3-chloropropane  
Concen: 41.336 ug/L  
RT: 12.413 min Scan# 3537  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion: 75 Resp: 52690  
Ion Ratio Lower Upper  
75 100  
155 90.9 76.2 114.2  
157 118.9 96.0 144.0





#69

1,3,5-Trichlorobenzene

Concen: 42.849 ug/L

RT: 12.631 min Scan# 3605

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

Instrument :

MSVOA\_V

ClientSampleId :

EXGJ0MSD

Tgt Ion:180 Resp: 260091

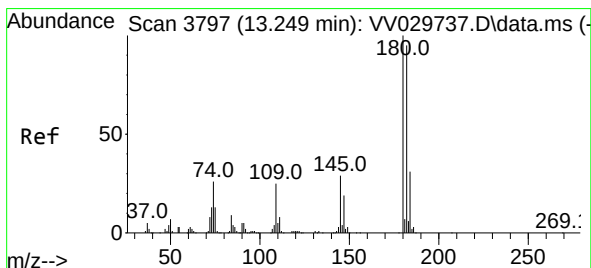
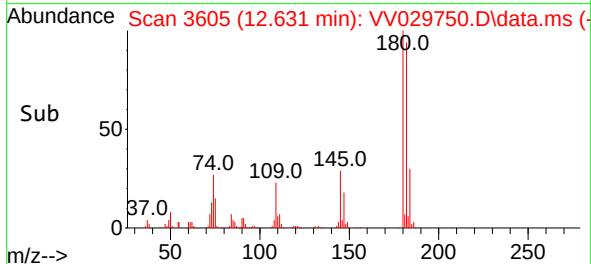
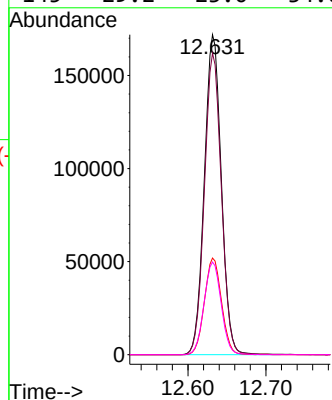
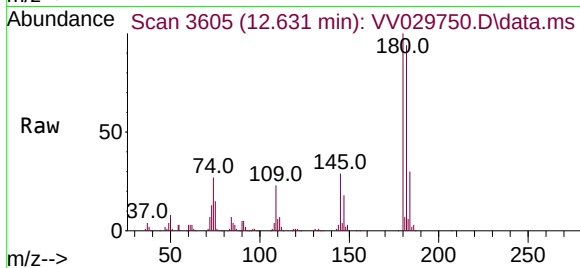
Ion Ratio Lower Upper

180 100

182 93.9 76.5 114.7

184 30.4 24.6 36.8

145 29.2 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 42.952 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. -0.000 min

Lab File: VV029750.D

Acq: 20 Dec 2022 14:47

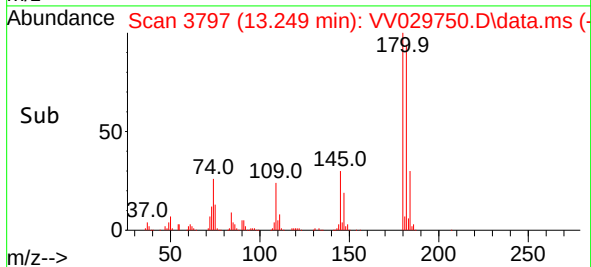
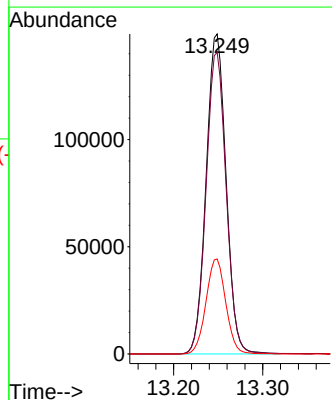
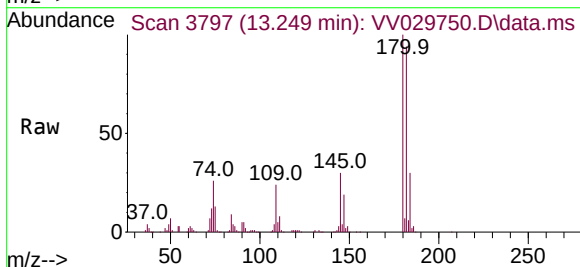
Tgt Ion:180 Resp: 231839

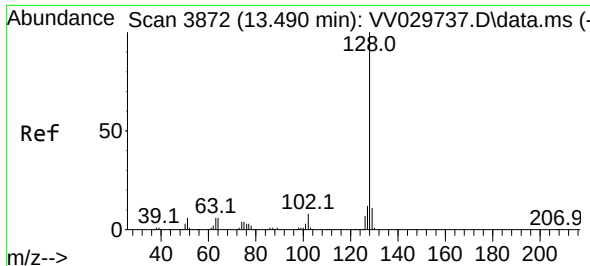
Ion Ratio Lower Upper

180 100

182 94.9 76.3 114.5

145 29.5 23.7 35.5

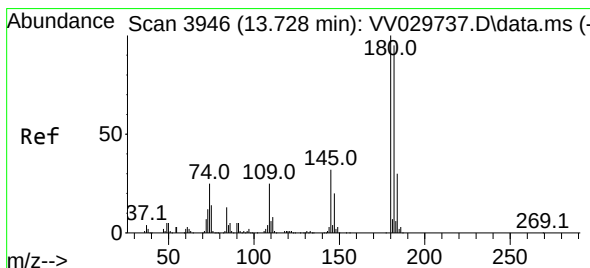
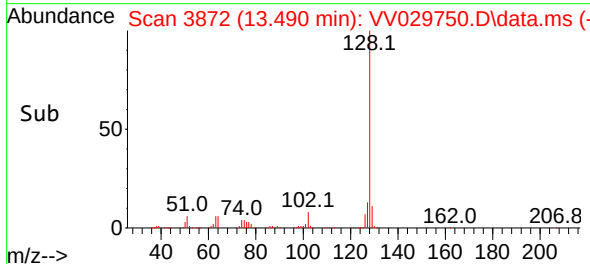
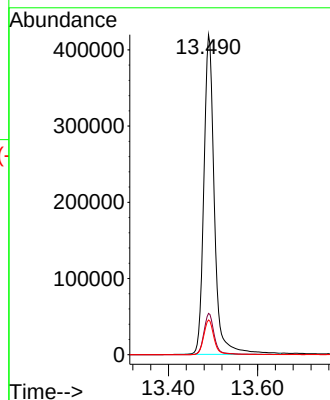
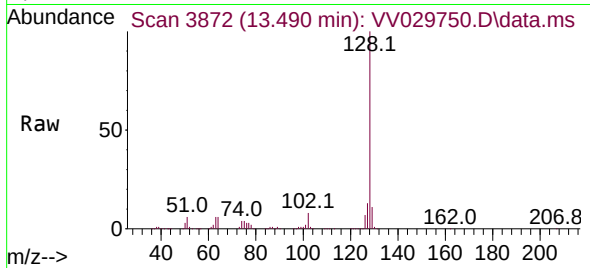




#71  
Naphthalene  
Concen: 56.371 ug/L  
RT: 13.490 min Scan# 3872  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Instrument :  
MSVOA\_V  
ClientSampleId :  
EXGJ0MSD

Tgt Ion:128 Resp: 690169  
Ion Ratio Lower Upper  
128 100  
127 12.3 10.2 15.4  
129 10.5 8.5 12.7



#72  
1,2,3-Trichlorobenzene  
Concen: 44.916 ug/L  
RT: 13.728 min Scan# 3946  
Delta R.T. -0.000 min  
Lab File: VV029750.D  
Acq: 20 Dec 2022 14:47

Tgt Ion:180 Resp: 237462  
Ion Ratio Lower Upper  
180 100  
182 94.4 76.4 114.6  
145 31.6 25.0 37.6

