

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV091922\  
 Data File : VV027945.D  
 Acq On : 19 Sep 2022 23:32  
 Operator : SY/MD  
 Sample : N4658-11  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 20 02:11:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Sep 20 01:54:53 2022  
 Response via : Initial Calibration

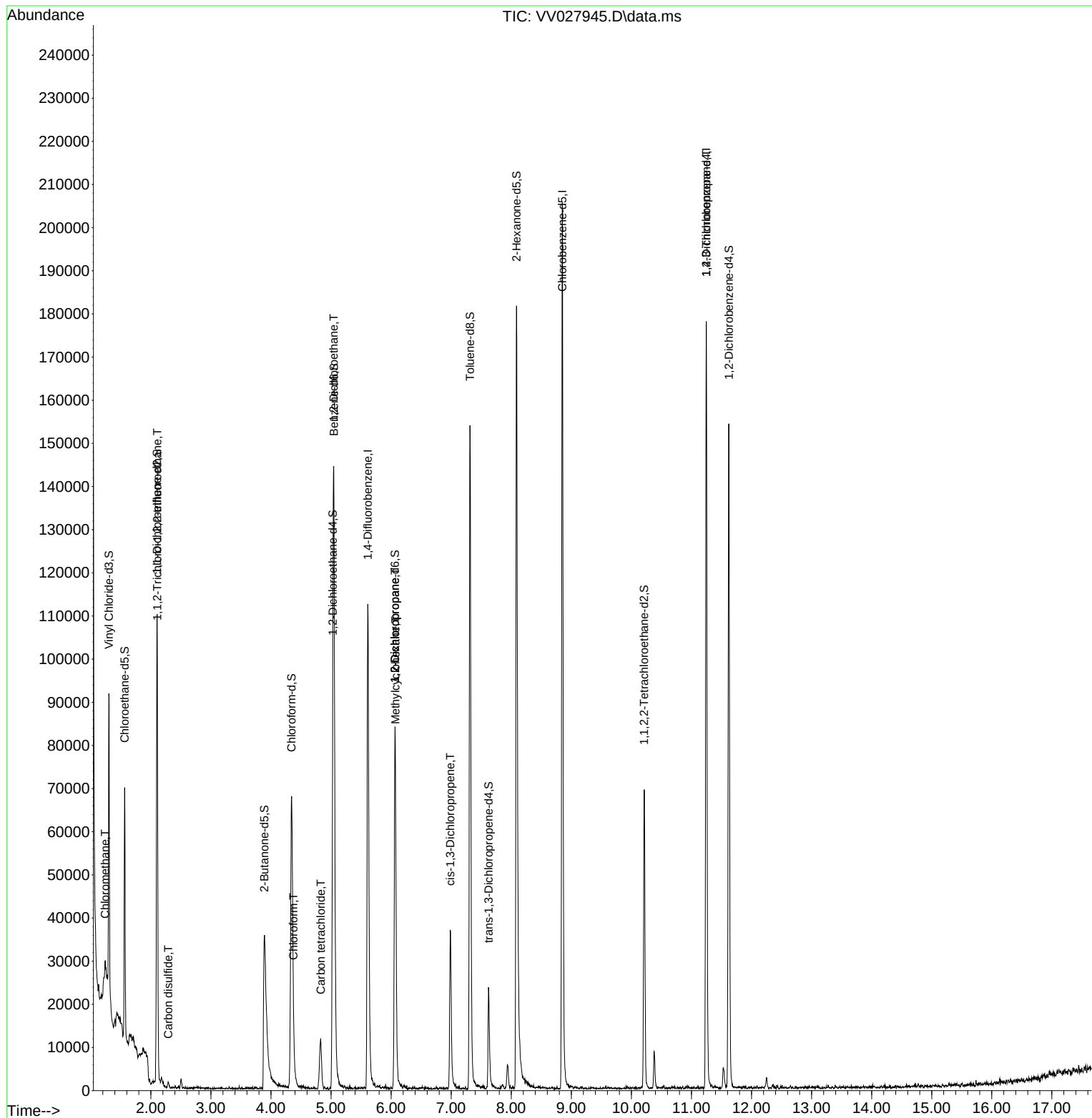
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 102963   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 119312   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 50565    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65    | 44328    | 5.513    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 110.200% |
| 7) Chloroethane-d5            | 1.564  | 69    | 38717    | 5.474    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 109.400% |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 55382    | 4.167    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 83.400%  |
| 20) 2-Butanone-d5             | 3.889  | 46    | 70059    | 54.537   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 109.080% |
| 24) Chloroform-d              | 4.342  | 84    | 71411    | 5.305    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 106.200% |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 32564    | 5.847    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 117.000% |
| 32) Benzene-d6                | 5.047  | 84    | 138184   | 4.884    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 44474    | 4.788    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.800%  |
| 41) Toluene-d8                | 7.313  | 98    | 108911   | 4.289    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.800%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 13511    | 4.392    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.800%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 68600    | 50.502   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 101.000% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 34598    | 4.554    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 42222    | 5.365    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 107.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.236  | 50    | 471      | 0.053    | ug/L # | 29       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.108  | 101   | 735      | 0.088    | ug/L # | 22       |
| 14) Carbon disulfide          | 2.291  | 76    | 1172     | 0.079    | ug/L # | 75       |
| 25) Chloroform                | 4.375  | 83    | 2773     | 0.193    | ug/L   | 87       |
| 27) 1,2-Dichloroethane        | 5.043  | 62    | 498      | 0.074    | ug/L # | 71       |
| 31) Carbon tetrachloride      | 4.828  | 117   | 8809     | 0.752    | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.072  | 83    | 10206    | 0.894    | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 4026     | 0.467    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 6.985  | 75    | 797      | 0.073    | ug/L # | 14       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 5139     | 1.387    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

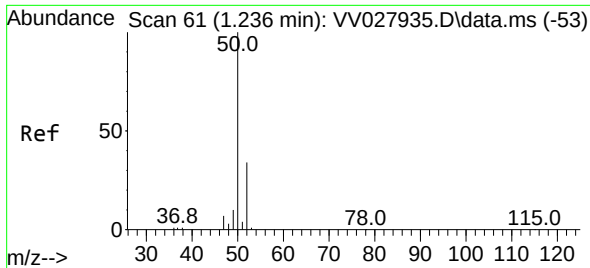
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091922WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Sep 20 01:54:53 2022  
Response via : Initial Calibration

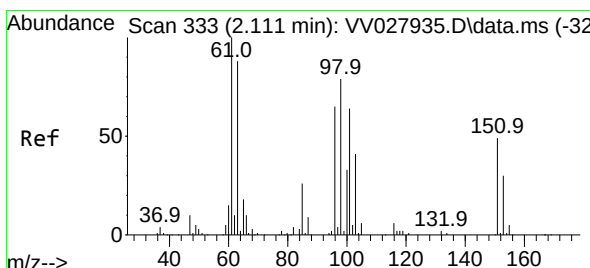
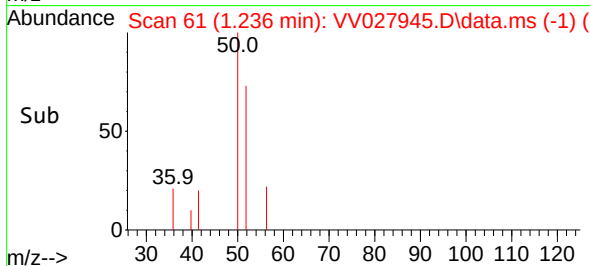
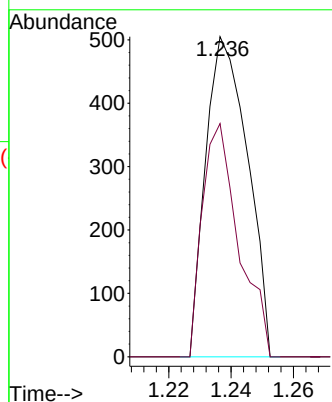
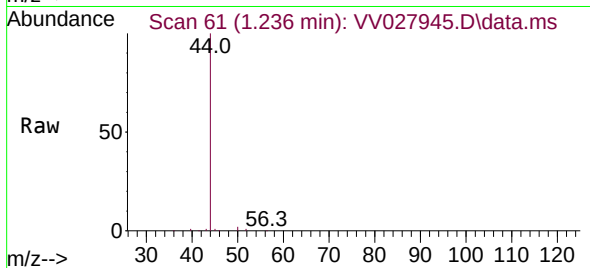




#3  
Chloromethane  
Concen: 0.053 ug/L  
RT: 1.236 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VV027945.D  
Acq: 19 Sep 2022 23:32

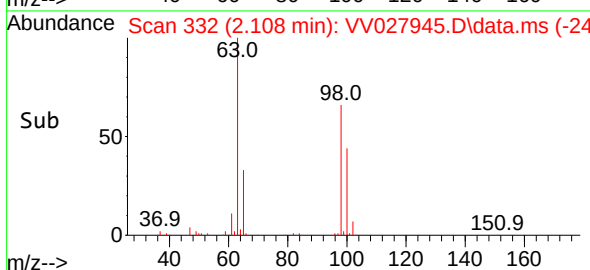
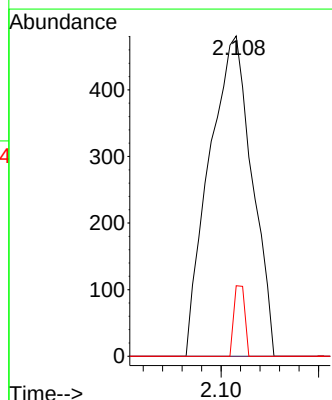
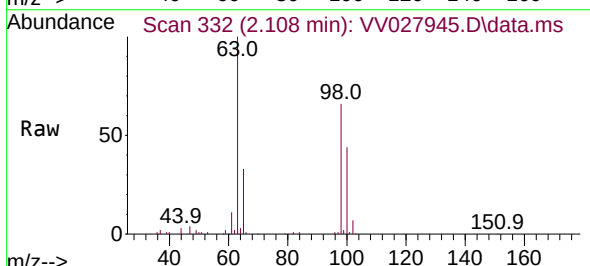
Instrument :  
MSVOA\_V  
ClientSampleId :

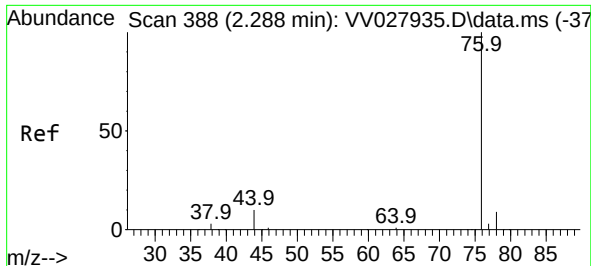
Tgt Ion: 50 Resp: 471  
Ion Ratio Lower Upper  
50 100  
52 72.9 23.0 42.8#



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.088 ug/L  
RT: 2.108 min Scan# 332  
Delta R.T. -0.003 min  
Lab File: VV027945.D  
Acq: 19 Sep 2022 23:32

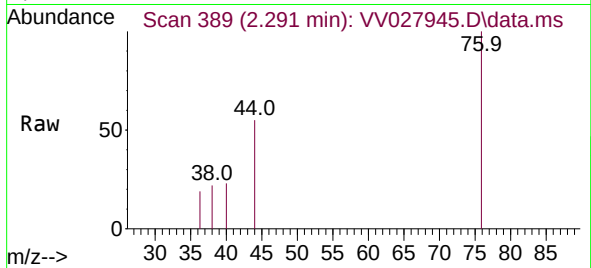
Tgt Ion: 101 Resp: 735  
Ion Ratio Lower Upper  
101 100  
85 0.0 33.6 50.4#  
151 5.6 62.9 94.3#



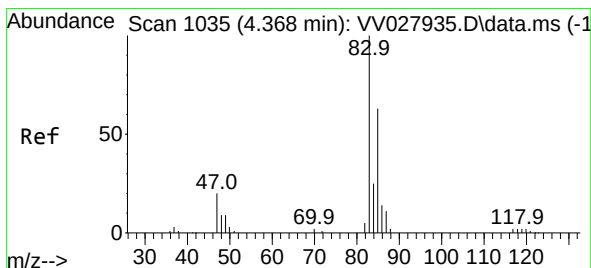
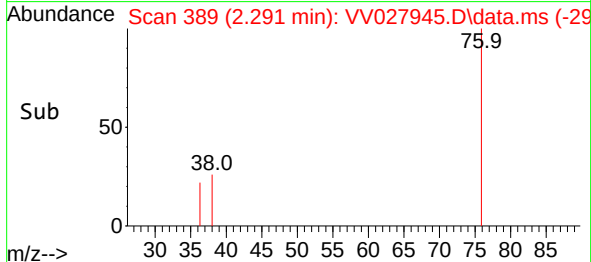
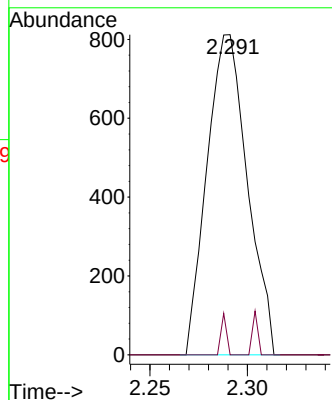


#14  
Carbon disulfide  
Concen: 0.079 ug/L  
RT: 2.291 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VV027945.D  
Acq: 19 Sep 2022 23:32

Instrument :  
MSVOA\_V  
ClientSampleId :

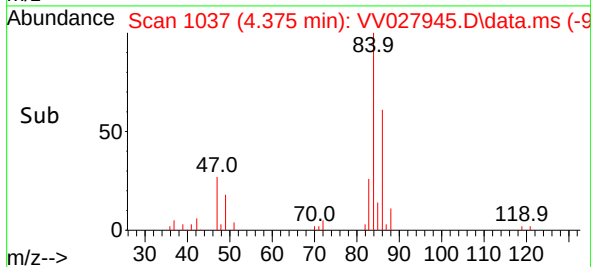
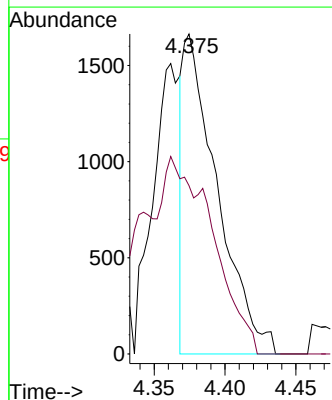
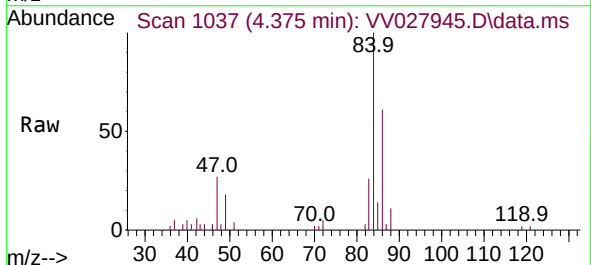


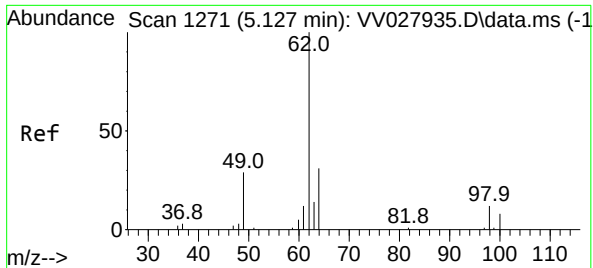
Tgt Ion: 76 Resp: 1172  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.3 10.9#



#25  
Chloroform  
Concen: 0.193 ug/L  
RT: 4.375 min Scan# 1037  
Delta R.T. 0.006 min  
Lab File: VV027945.D  
Acq: 19 Sep 2022 23:32

Tgt Ion: 83 Resp: 2773  
Ion Ratio Lower Upper  
83 100  
85 52.6 44.0 81.8

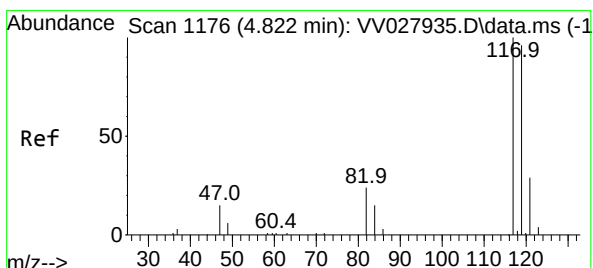
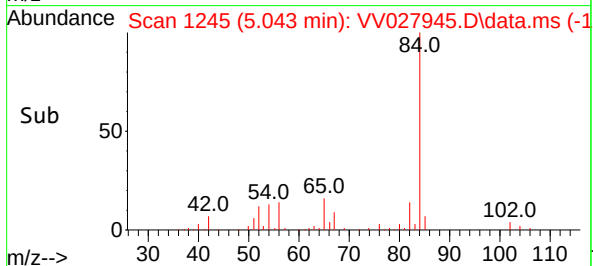
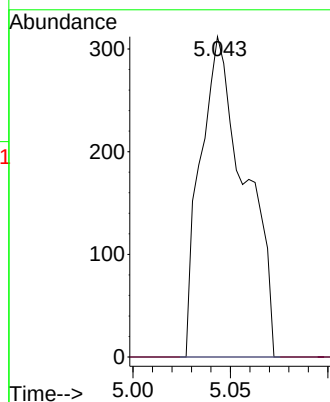
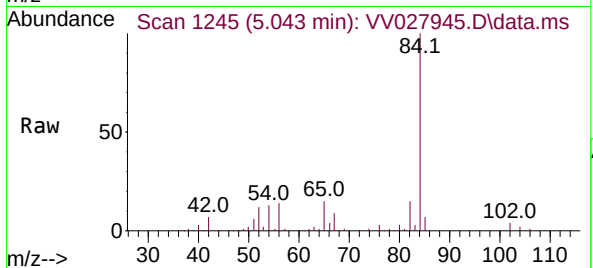




#27  
1,2-Dichloroethane  
Concen: 0.074 ug/L  
RT: 5.043 min Scan# 1178  
Delta R.T. -0.084 min  
Lab File: VV027945.D  
Acq: 19 Sep 2022 23:32

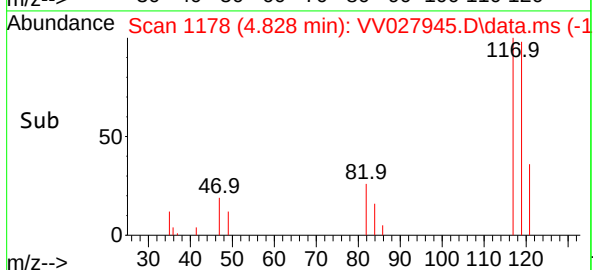
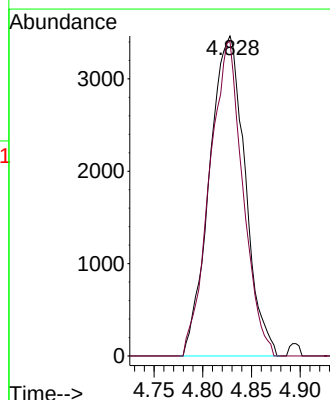
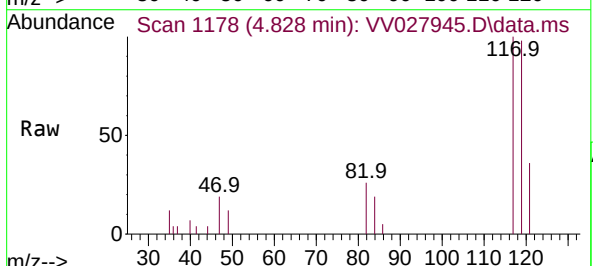
Instrument :  
MSVOA\_V  
ClientSampleId :

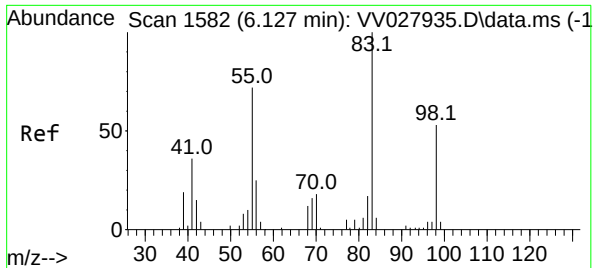
Tgt Ion: 62 Resp: 498  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.7 13.1#



#31  
Carbon tetrachloride  
Concen: 0.752 ug/L  
RT: 4.828 min Scan# 1178  
Delta R.T. 0.006 min  
Lab File: VV027945.D  
Acq: 19 Sep 2022 23:32

Tgt Ion: 117 Resp: 8809  
Ion Ratio Lower Upper  
117 100  
119 91.9 74.2 111.4

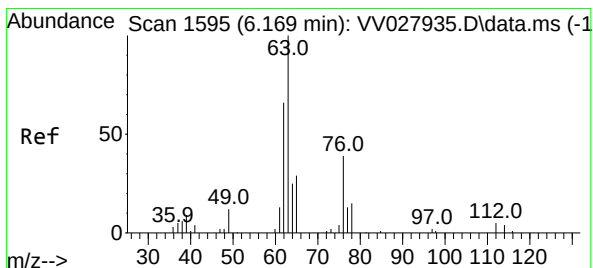
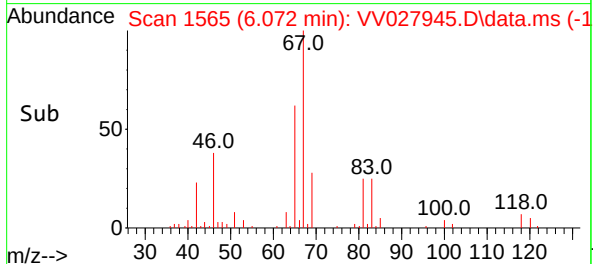
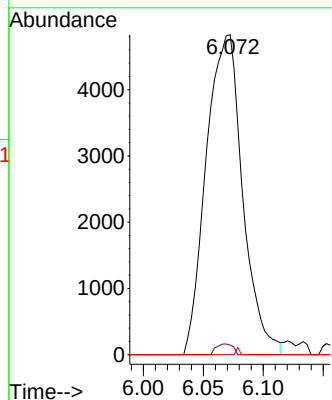
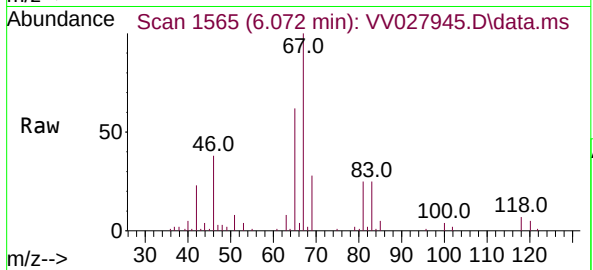




#35  
Methylcyclohexane  
Concen: 0.894 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.055 min  
Lab File: VV027945.D  
Acq: 19 Sep 2022 23:32

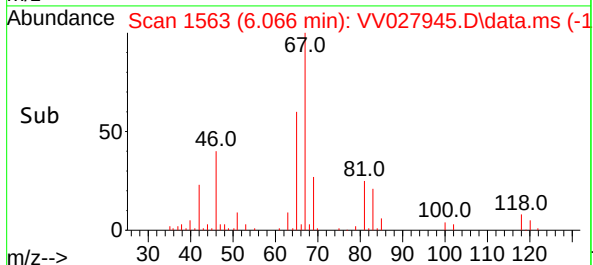
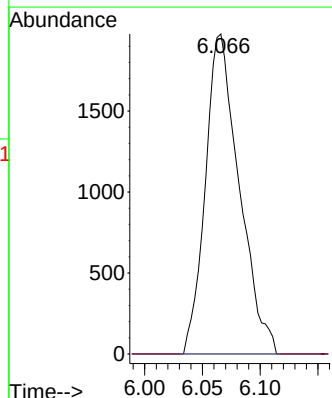
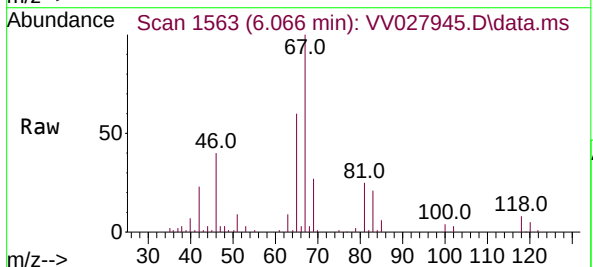
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MSVOA\_V  
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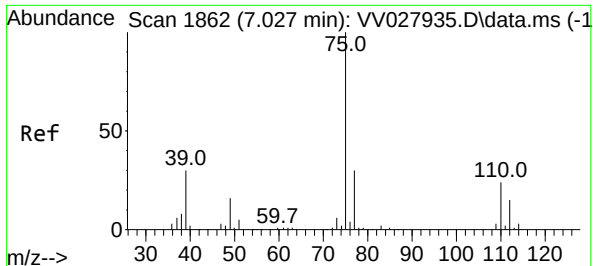
Tgt Ion: 83 Resp: 10206  
Ion Ratio Lower Upper  
83 100  
55 1.5 54.5 81.7#  
98 0.2 39.6 59.4#



#37  
1,2-Dichloropropane  
Concen: 0.467 ug/L  
RT: 6.066 min Scan# 1563  
Delta R.T. -0.103 min  
Lab File: VV027945.D  
Acq: 19 Sep 2022 23:32

Tgt Ion: 63 Resp: 4026  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV027945.D

Acq: 19 Sep 2022 23:32

Instrument :

MSVOA\_V

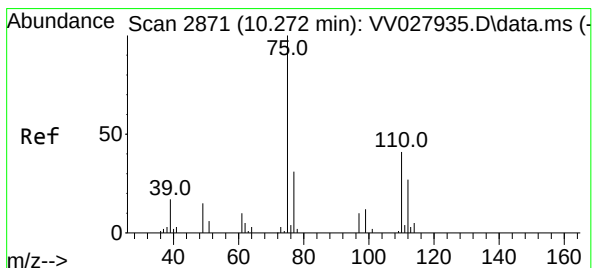
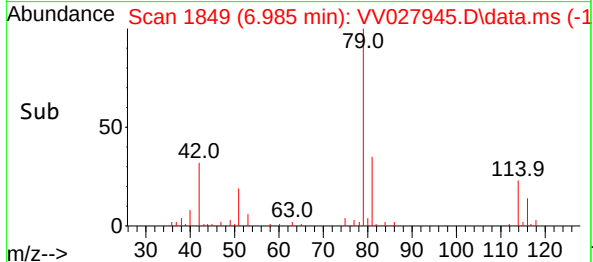
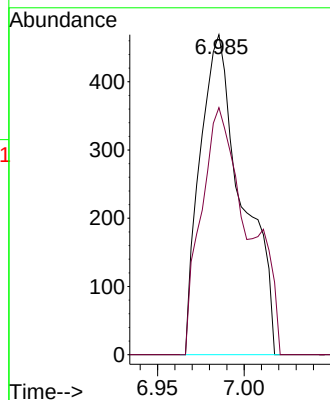
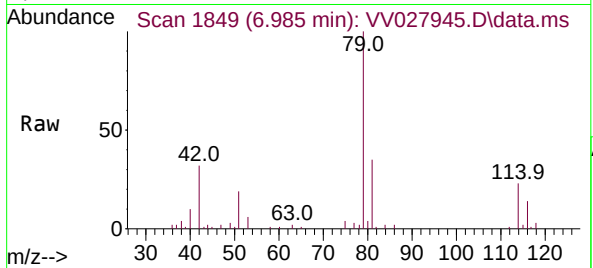
ClientSampleId :

Tgt Ion: 75 Resp: 797

Ion Ratio Lower Upper

75 100

77 77.2 21.1 39.3#



#61

1,2,3-Trichloropropane

Concen: 1.387 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027945.D

Acq: 19 Sep 2022 23:32

Tgt Ion: 75 Resp: 5139

Ion Ratio Lower Upper

75 100

77 36.5 26.1 39.1

110 2.6 31.3 46.9#

