

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100522\  
 Data File : VV028387.D  
 Acq On : 05 Oct 2022 22:58  
 Operator : SY/MD  
 Sample : N4900-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXFS8

Quant Time: Oct 06 02:35:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Oct 04 02:28:45 2022  
 Response via : Initial Calibration

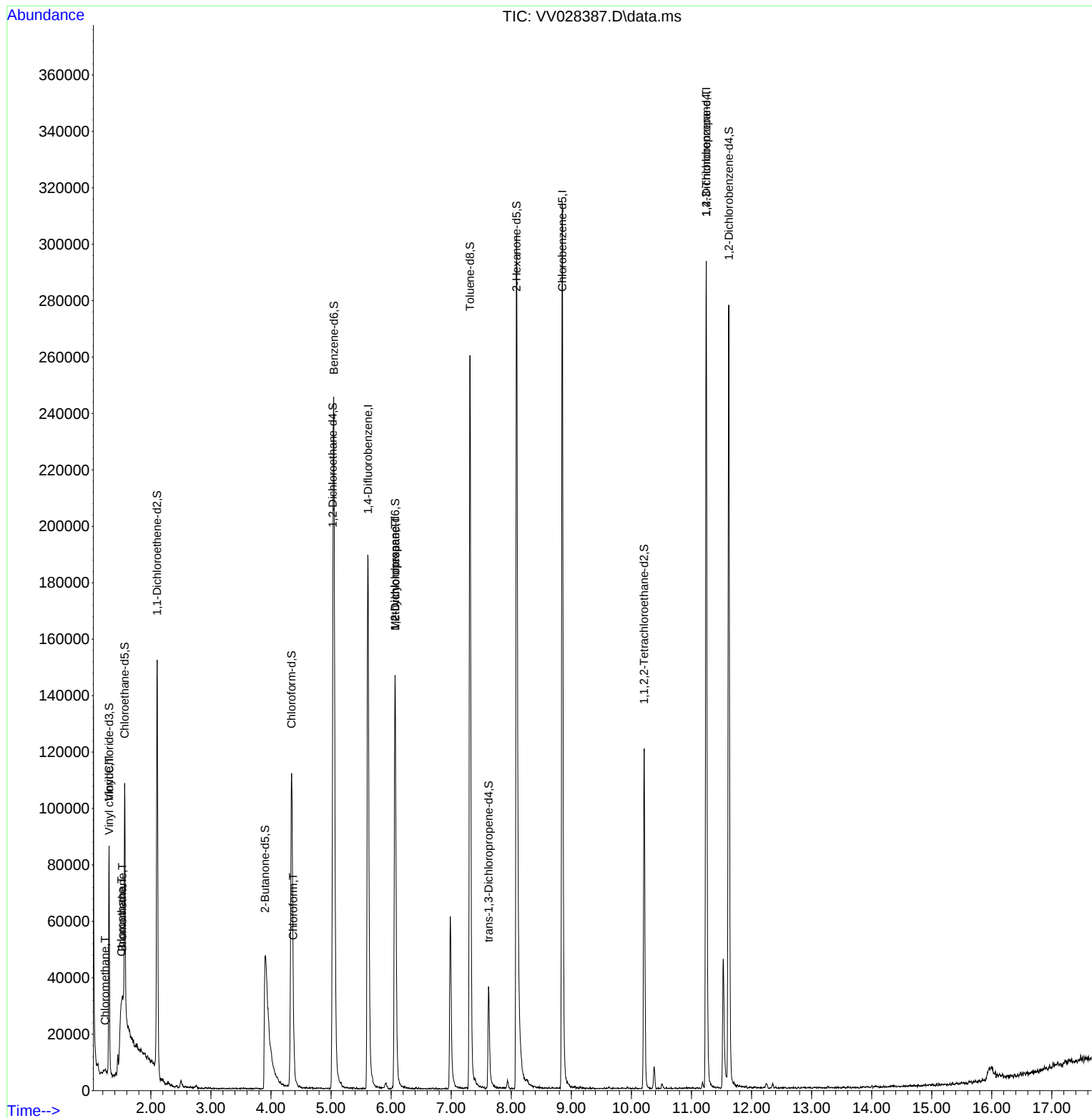
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 178168   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 185362   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 82902    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 48992    | 3.660    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 73.200%   |
| 7) Chloroethane-d5            | 1.564  | 69    | 52213    | 4.607    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 92.200%   |
| 11) 1,1-Dichloroethene-d2     | 2.104  | 63    | 73403    | 2.909    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 58.200%#  |
| 20) 2-Butanone-d5             | 3.902  | 46    | 154066   | 68.018   | ug/L   | 0.02      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 136.040%# |
| 24) Chloroform-d              | 4.342  | 84    | 121839   | 5.024    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 100.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65    | 58185    | 5.175    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 103.600%  |
| 32) Benzene-d6                | 5.047  | 84    | 230440   | 4.532    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.600%   |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 76057    | 5.214    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 104.200%  |
| 41) Toluene-d8                | 7.313  | 98    | 184454   | 3.944    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.800%   |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 24180    | 4.352    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.000%   |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 122602   | 53.917   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 107.840%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 59811    | 5.409    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 108.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 78408    | 5.496    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 110.000%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 3) Chloromethane              | 1.236  | 50    | 755      | 0.056    | ug/L   | 99        |
| 5) Vinyl chloride             | 1.307  | 62    | 1527     | 0.100    | ug/L # | 6         |
| 6) Bromomethane               | 1.523  | 94    | 466      | 0.064    | ug/L   | 94        |
| 8) Chloroethane               | 1.513  | 64    | 38378    | 3.765    | ug/L # | 49        |
| 25) Chloroform                | 4.371  | 83    | 5369     | 0.216    | ug/L   | 91        |
| 35) Methylcyclohexane         | 6.066  | 83    | 18970    | 0.841    | ug/L # | 16        |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 7565     | 0.592    | ug/L # | 87        |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 9433     | 1.475    | ug/L # | 63        |
| -----                         |        |       |          |          |        |           |

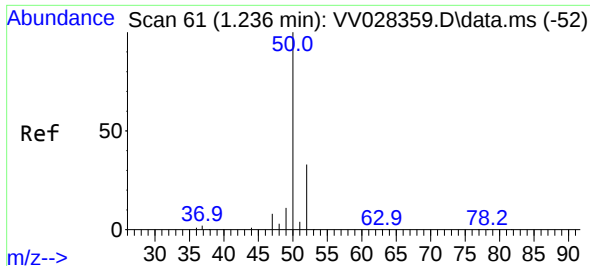
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 04 02:28:45 2022  
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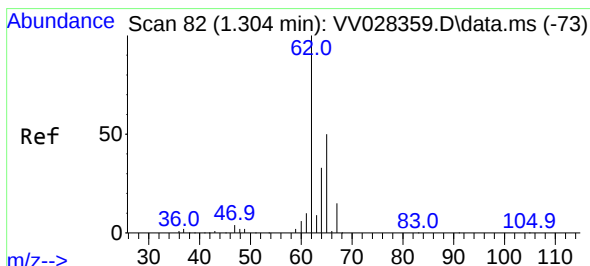
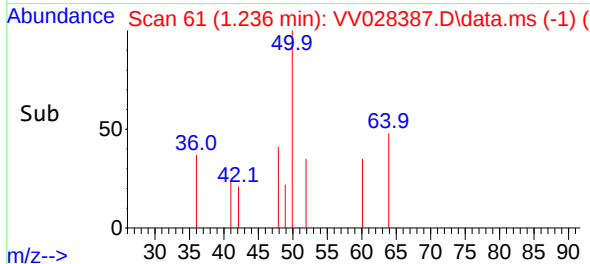
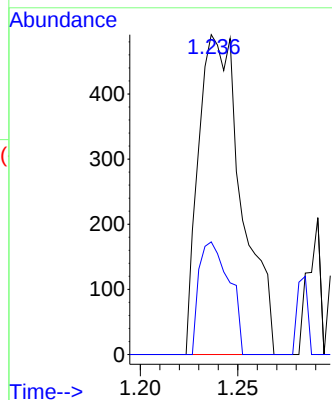
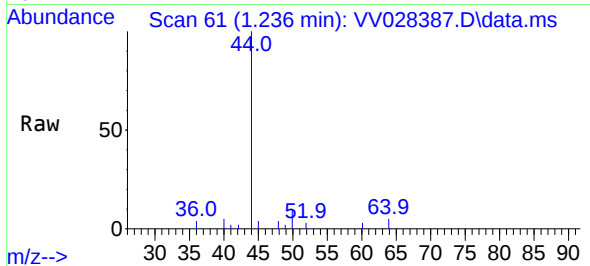




#3  
Chloromethane  
Concen: 0.056 ug/L  
RT: 1.236 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV028387.D  
Acq: 05 Oct 2022 22:58

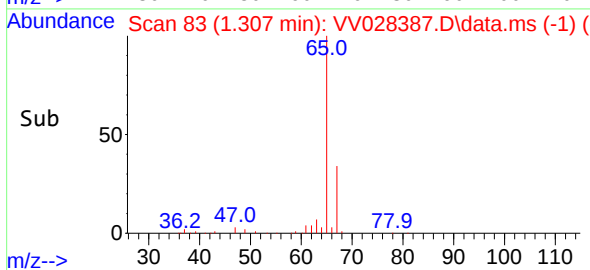
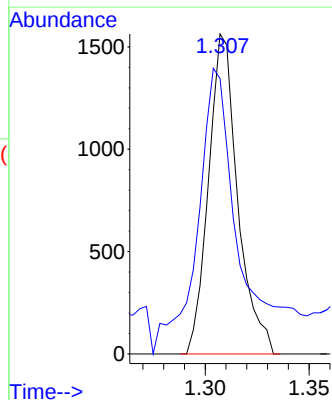
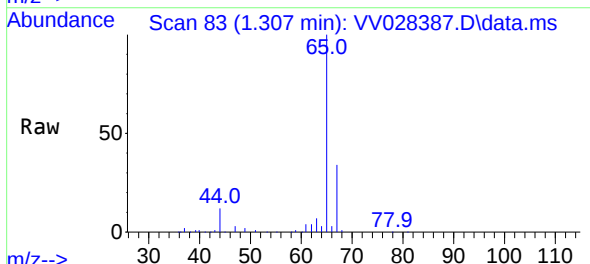
Instrument :  
MSVOA\_V  
ClientSampleId :  
EXFS8

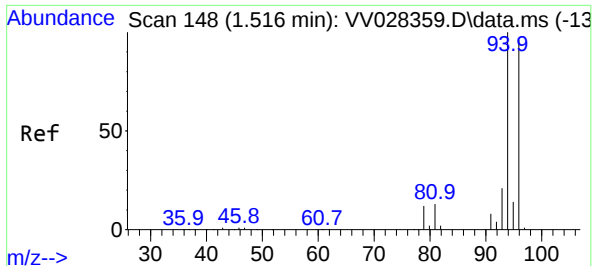
Tgt Ion: 50 Resp: 755  
Ion Ratio Lower Upper  
50 100  
52 35.2 24.4 45.2



#5  
Vinyl chloride  
Concen: 0.100 ug/L  
RT: 1.307 min Scan# 83  
Delta R.T. 0.003 min  
Lab File: VV028387.D  
Acq: 05 Oct 2022 22:58

Tgt Ion: 62 Resp: 1527  
Ion Ratio Lower Upper  
62 100  
64 86.1 23.0 42.8#

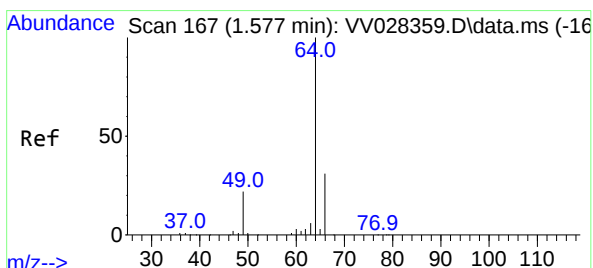
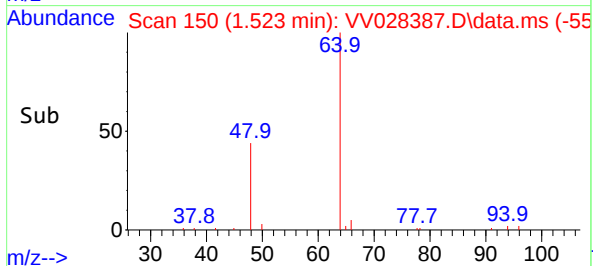
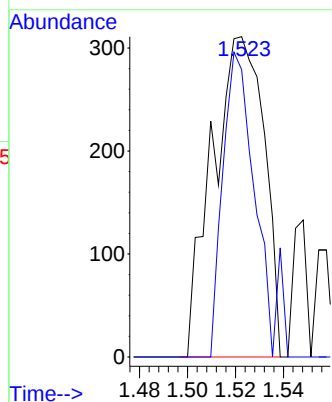
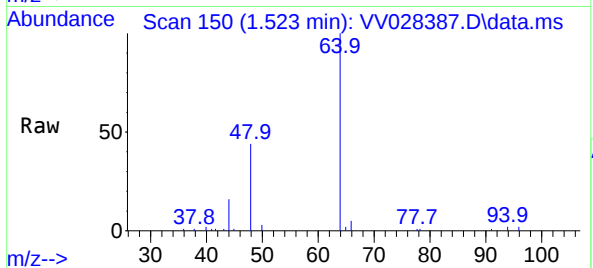




#6  
Bromomethane  
Concen: 0.064 ug/L  
RT: 1.523 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VV028387.D  
Acq: 05 Oct 2022 22:58

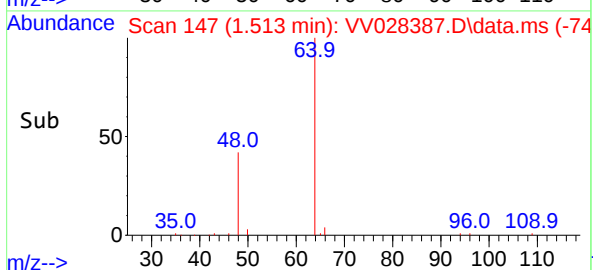
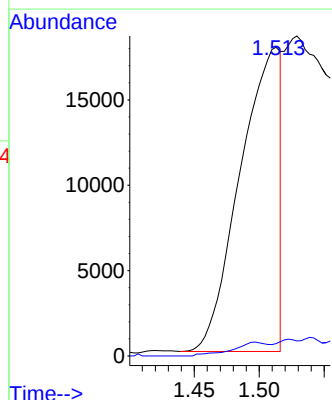
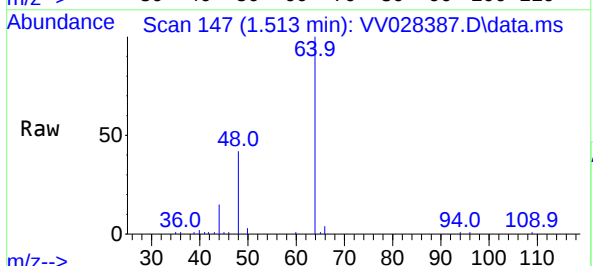
Instrument :  
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ClientSampleId :  
EXFS8

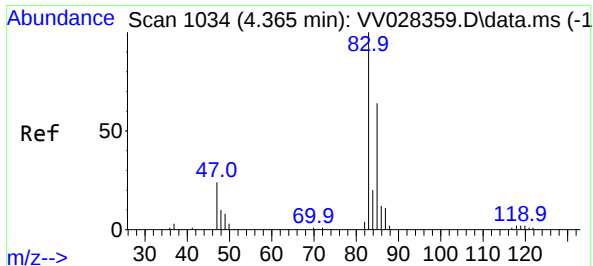
Tgt Ion: 94 Resp: 466  
Ion Ratio Lower Upper  
94 100  
96 89.7 66.7 123.9



#8  
Chloroethane  
Concen: 3.765 ug/L  
RT: 1.513 min Scan# 147  
Delta R.T. -0.064 min  
Lab File: VV028387.D  
Acq: 05 Oct 2022 22:58

Tgt Ion: 64 Resp: 38378  
Ion Ratio Lower Upper  
64 100  
66 4.0 23.0 42.8#





#25

Chloroform

Concen: 0.216 ug/L

RT: 4.371 min Scan# 10

Delta R.T. 0.003 min

Lab File: VV028387.D

Acq: 05 Oct 2022 22:58

Instrument :

MSVOA\_V

ClientSampleId :

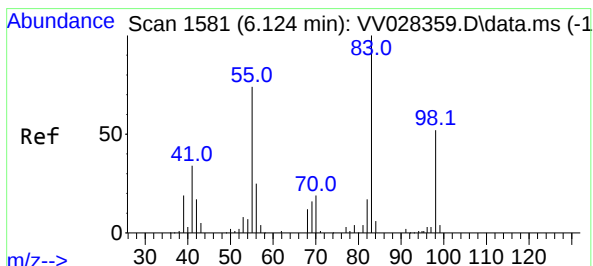
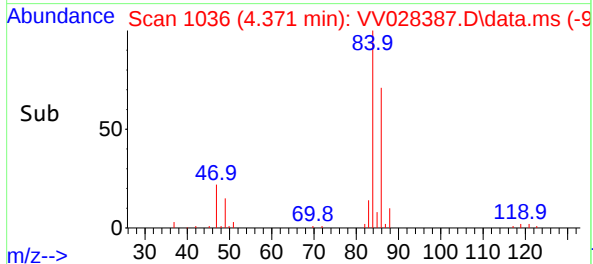
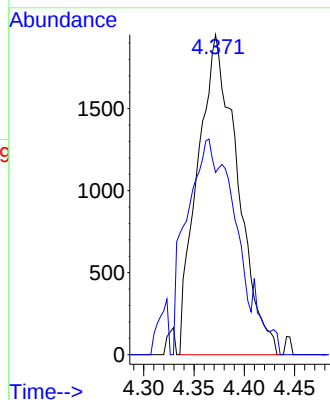
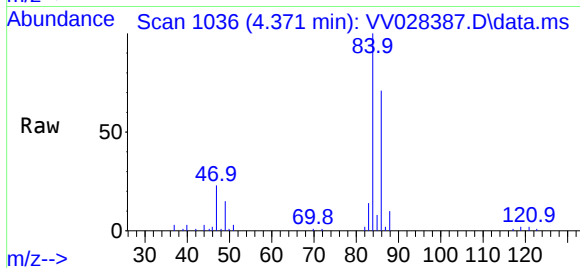
EXFS8

Tgt Ion: 83 Resp: 5369

Ion Ratio Lower Upper

83 100

85 56.9 45.1 83.7



#35

Methylcyclohexane

Concen: 0.841 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028387.D

Acq: 05 Oct 2022 22:58

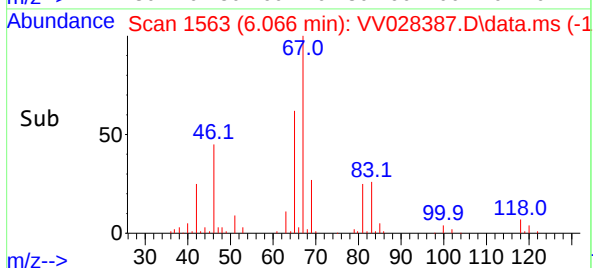
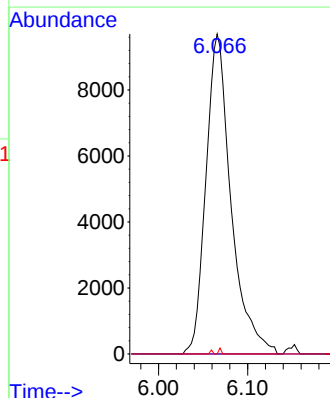
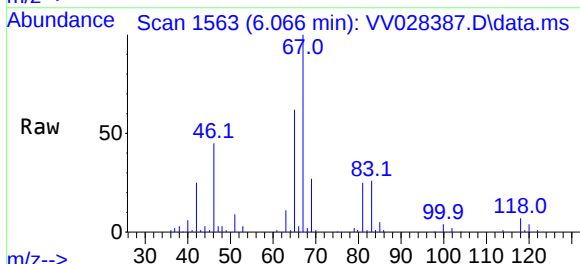
Tgt Ion: 83 Resp: 18970

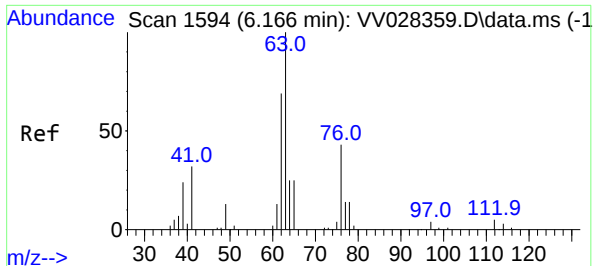
Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 0.2 39.5 59.3#

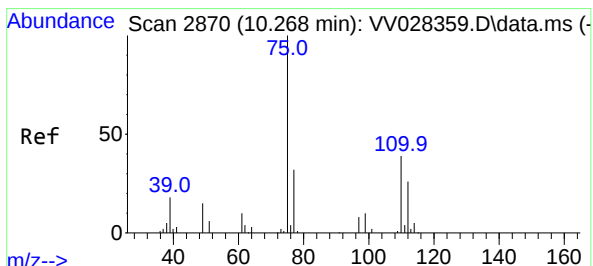
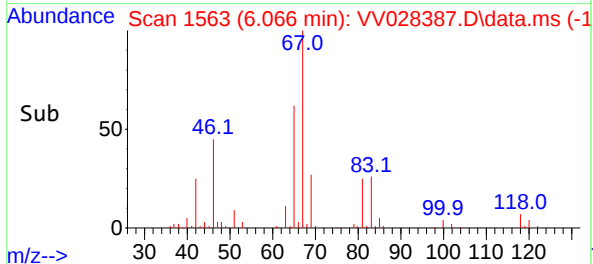
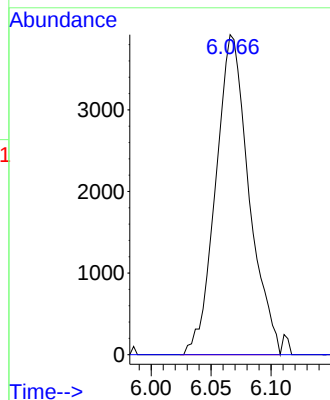
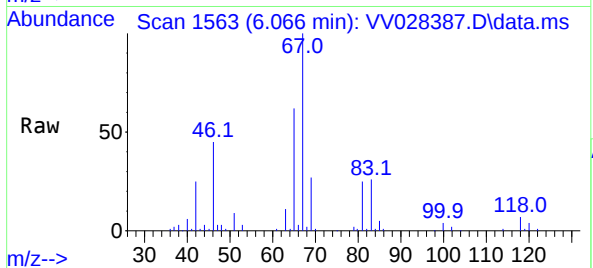




#37  
1,2-Dichloropropane  
Concen: 0.592 ug/L  
RT: 6.066 min Scan# 11  
Delta R.T. -0.103 min  
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Tgt Ion: 63 Resp: 7565  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.5 5.3#



#61  
1,2,3-Trichloropropane  
Concen: 1.475 ug/L  
RT: 11.246 min Scan# 3174  
Delta R.T. 0.975 min  
Lab File: VV028387.D  
Acq: 05 Oct 2022 22:58

Tgt Ion: 75 Resp: 9433  
Ion Ratio Lower Upper  
75 100  
77 25.9 26.7 40.1#  
110 2.2 30.1 45.1#

