

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082922\  
 Data File : VV027569.D  
 Acq On : 29 Aug 2022 17:59  
 Operator : SY/MD  
 Sample : N4366-17  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5F43

Quant Time: Aug 30 04:19:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Aug 27 03:12:26 2022  
 Response via : Initial Calibration

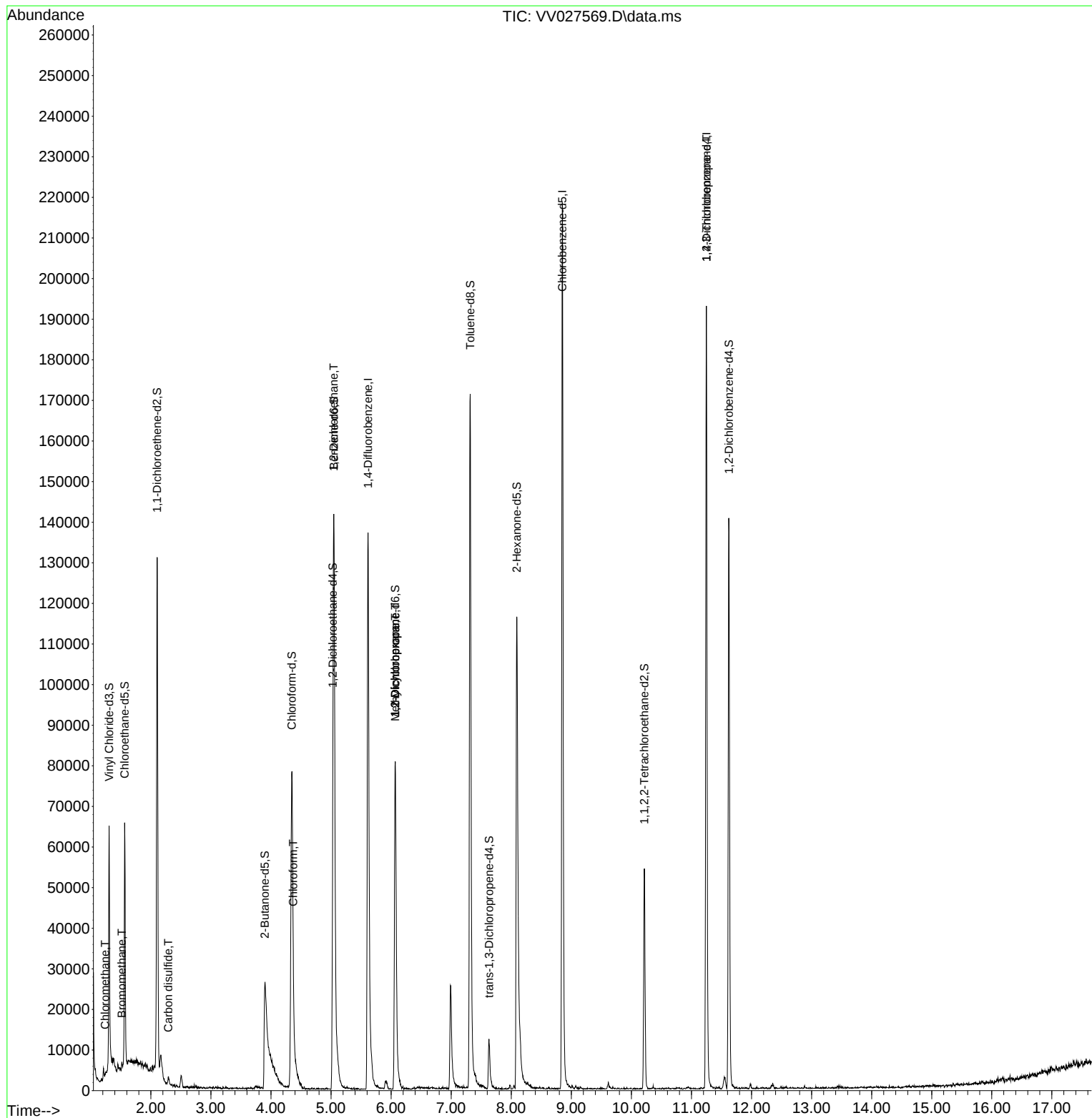
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.616     | 114            | 123009   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850     | 117            | 119488   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249    | 152            | 52529    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.304     | 65             | 43802    | 5.003      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 100.000% |        |          |
| 7) Chloroethane-d5            | 1.565     | 69             | 35926    | 5.607      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 112.200% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.105     | 63             | 66606    | 3.263      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 65.200%  |        |          |
| 20) 2-Butanone-d5             | 3.899     | 46             | 66202    | 60.763     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 121.520% |        |          |
| 24) Chloroform-d              | 4.346     | 84             | 82906    | 4.736      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 94.800%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.031     | 65             | 36645    | 4.839      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 96.800%  |        |          |
| 32) Benzene-d6                | 5.047     | 84             | 134131   | 4.053      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 81.000%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.069     | 67             | 39475    | 4.102      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 82.000%  |        |          |
| 41) Toluene-d8                | 7.317     | 98             | 118780   | 3.975      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 79.400%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.632     | 79             | 8367     | 2.540      | ug/L   | 0.01     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 50.800%# |        |          |
| 46) 2-Hexanone-d5             | 8.092     | 63             | 41232    | 38.019     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 76.040%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217    | 84             | 24586    | 4.012      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 80.200%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622    | 152            | 36084    | 4.634      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 92.600%  |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            | Qvalue |          |
| 3) Chloromethane              | 1.240     | 50             | 534      | 0.047      | ug/L # | 80       |
| 6) Bromomethane               | 1.516     | 94             | 475      | 0.084      | ug/L   | 71       |
| 14) Carbon disulfide          | 2.291     | 76             | 1937     | 0.076      | ug/L # | 92       |
| 25) Chloroform                | 4.372     | 83             | 1832     | 0.085      | ug/L   | 86       |
| 27) 1,2-Dichloroethane        | 5.043     | 62             | 825      | 0.075      | ug/L # | 74       |
| 35) Methylcyclohexane         | 6.066     | 83             | 10584    | 0.720      | ug/L # | 15       |
| 37) 1,2-Dichloropropane       | 6.069     | 63             | 5097     | 0.481      | ug/L # | 85       |
| 61) 1,2,3-Trichloropropane    | 11.249    | 75             | 5751     | 1.248      | ug/L # | 65       |
| -----                         |           |                |          |            |        |          |

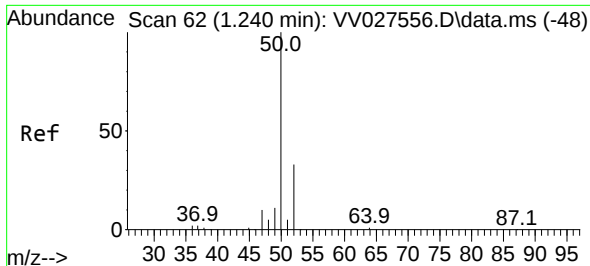
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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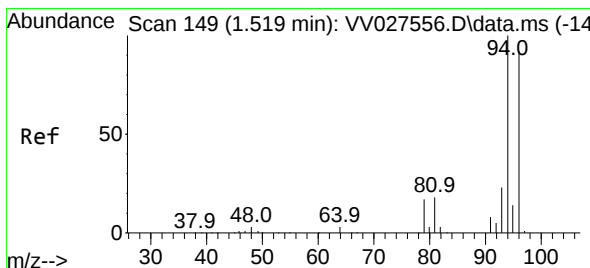
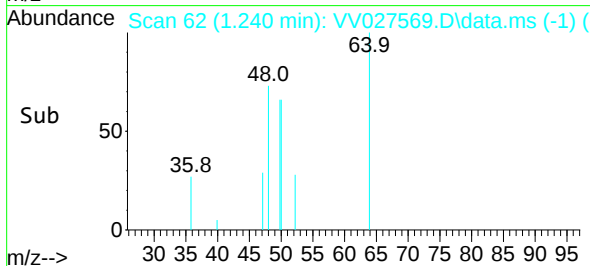
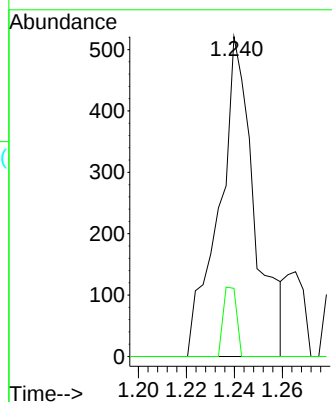
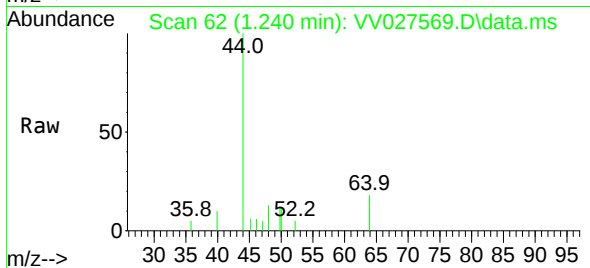




#3  
Chloromethane  
Concen: 0.047 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VV027569.D  
Acq: 29 Aug 2022 17:59

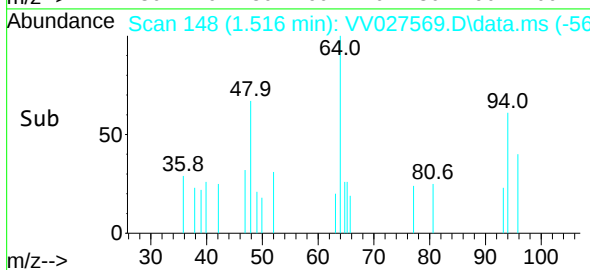
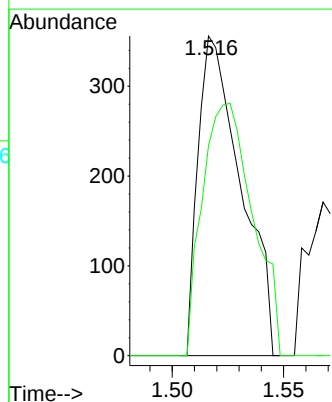
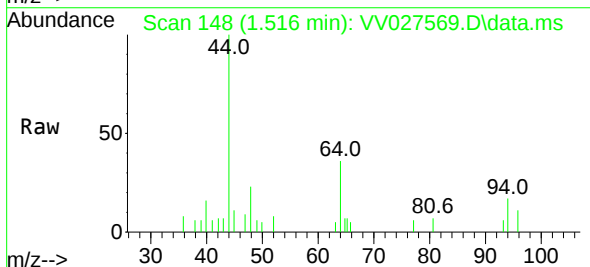
Instrument :  
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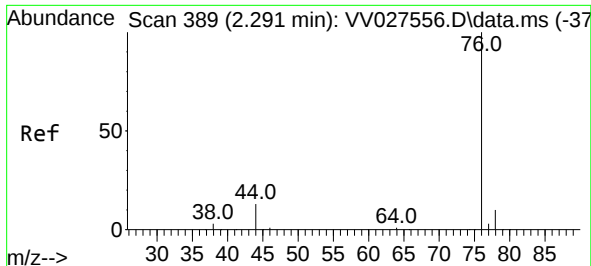
Tgt Ion: 50 Resp: 534  
Ion Ratio Lower Upper  
50 100  
52 21.3 22.8 42.4#



#6  
Bromomethane  
Concen: 0.084 ug/L  
RT: 1.516 min Scan# 148  
Delta R.T. -0.003 min  
Lab File: VV027569.D  
Acq: 29 Aug 2022 17:59

Tgt Ion: 94 Resp: 475  
Ion Ratio Lower Upper  
94 100  
96 65.7 65.2 121.0

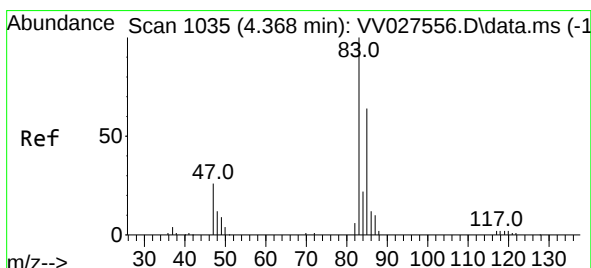
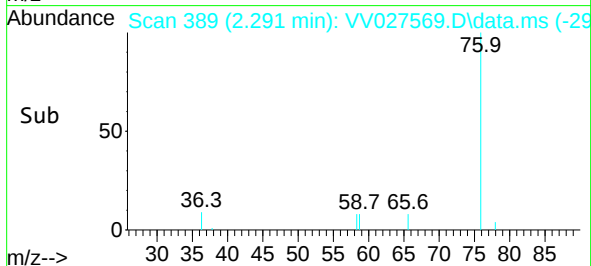
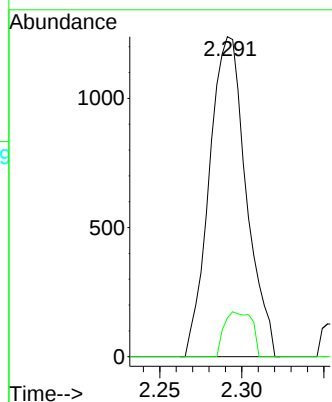
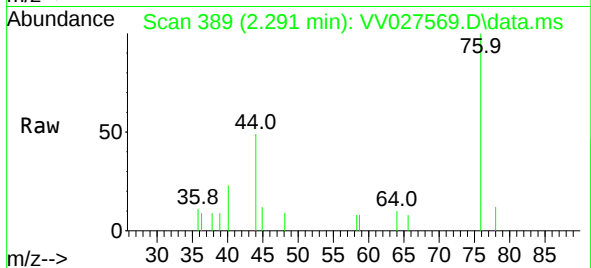




#14  
Carbon disulfide  
Concen: 0.076 ug/L  
RT: 2.291 min Scan# 389  
Delta R.T. 0.003 min  
Lab File: VV027569.D  
Acq: 29 Aug 2022 17:59

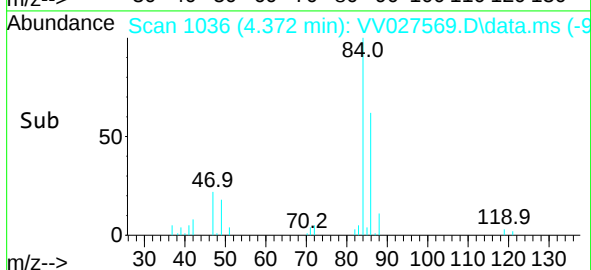
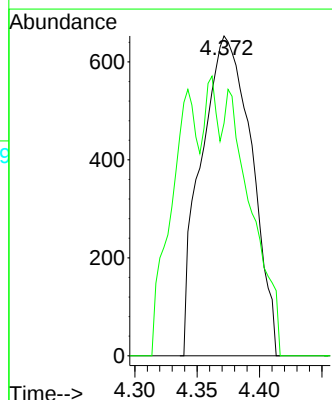
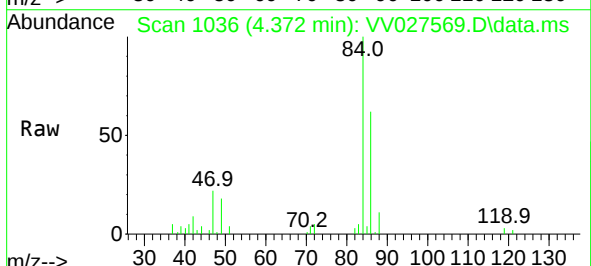
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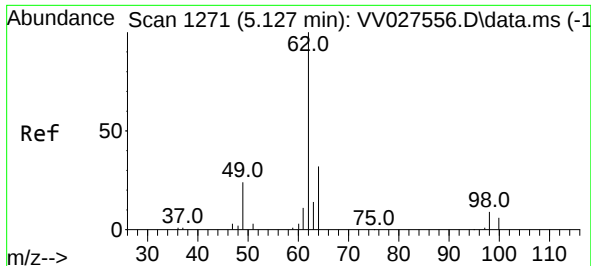
Tgt Ion: 76 Resp: 1937  
Ion Ratio Lower Upper  
76 100  
78 12.1 7.3 10.9#



#25  
Chloroform  
Concen: 0.085 ug/L  
RT: 4.372 min Scan# 1036  
Delta R.T. 0.007 min  
Lab File: VV027569.D  
Acq: 29 Aug 2022 17:59

Tgt Ion: 83 Resp: 1832  
Ion Ratio Lower Upper  
83 100  
85 72.7 43.3 80.5





#27

1,2-Dichloroethane

Concen: 0.075 ug/L

RT: 5.043 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV027569.D

Acq: 29 Aug 2022 17:59

Instrument :

MSVOA\_V

ClientSampleId :

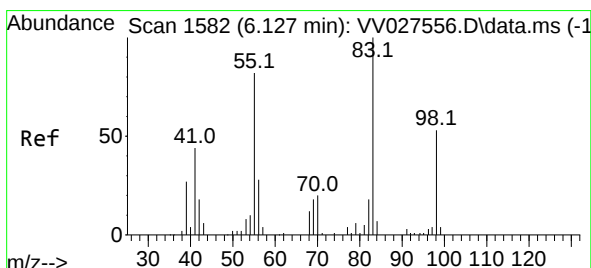
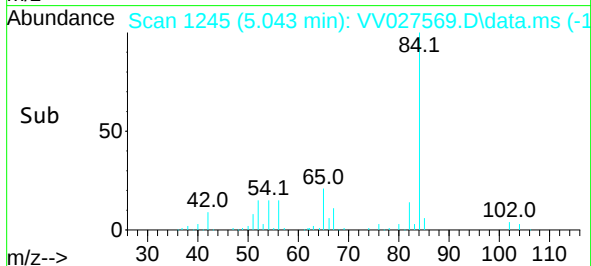
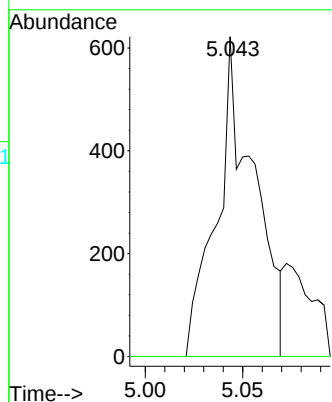
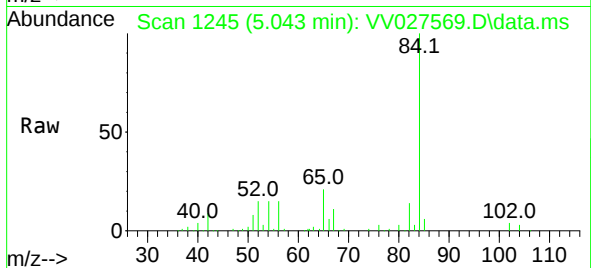
F5F43

Tgt Ion: 62 Resp: 825

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#35

Methylcyclohexane

Concen: 0.720 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027569.D

Acq: 29 Aug 2022 17:59

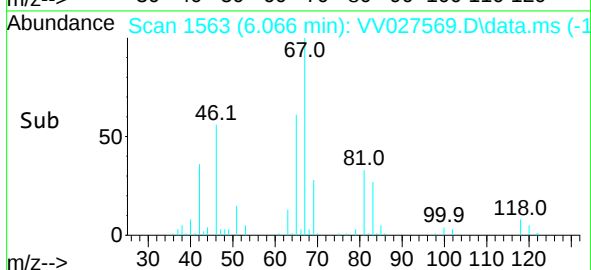
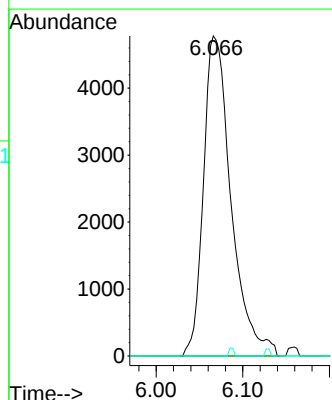
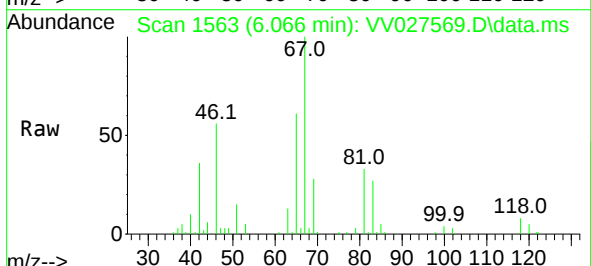
Tgt Ion: 83 Resp: 10584

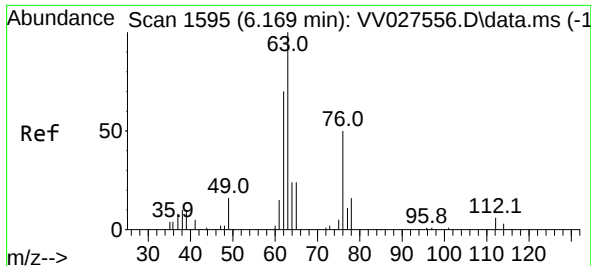
Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

98 0.4 39.0 58.4#

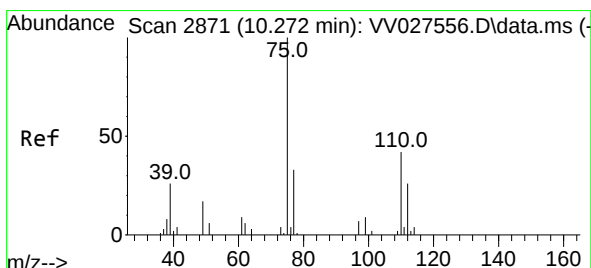
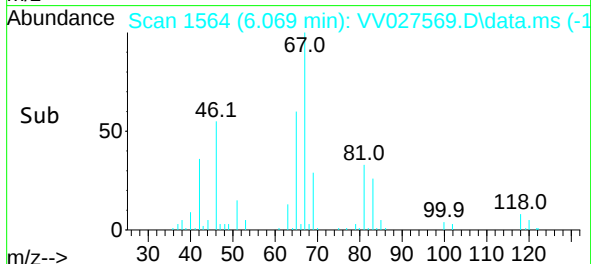
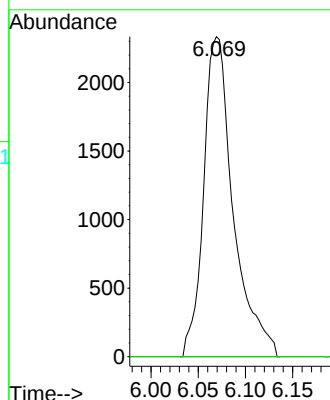
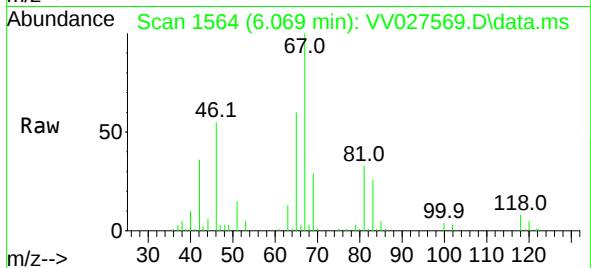




#37  
1,2-Dichloropropane  
Concen: 0.481 ug/L  
RT: 6.069 min Scan# 11  
Delta R.T. -0.100 min  
Lab File: VV027569.D  
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Tgt Ion: 63 Resp: 5097  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.9 5.9#



#61  
1,2,3-Trichloropropane  
Concen: 1.248 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.978 min  
Lab File: VV027569.D  
Acq: 29 Aug 2022 17:59

Tgt Ion: 75 Resp: 5751  
Ion Ratio Lower Upper  
75 100  
77 34.6 26.2 39.2  
110 0.0 29.9 44.9#

