

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW082322\  
 Data File : VW027483.D  
 Acq On : 23 Aug 2022 12:53  
 Operator : SY/MD  
 Sample : N4252-05DL 20X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EX9C6DL

Quant Time: Aug 24 02:12:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Aug 24 02:11:24 2022  
 Response via : Initial Calibration

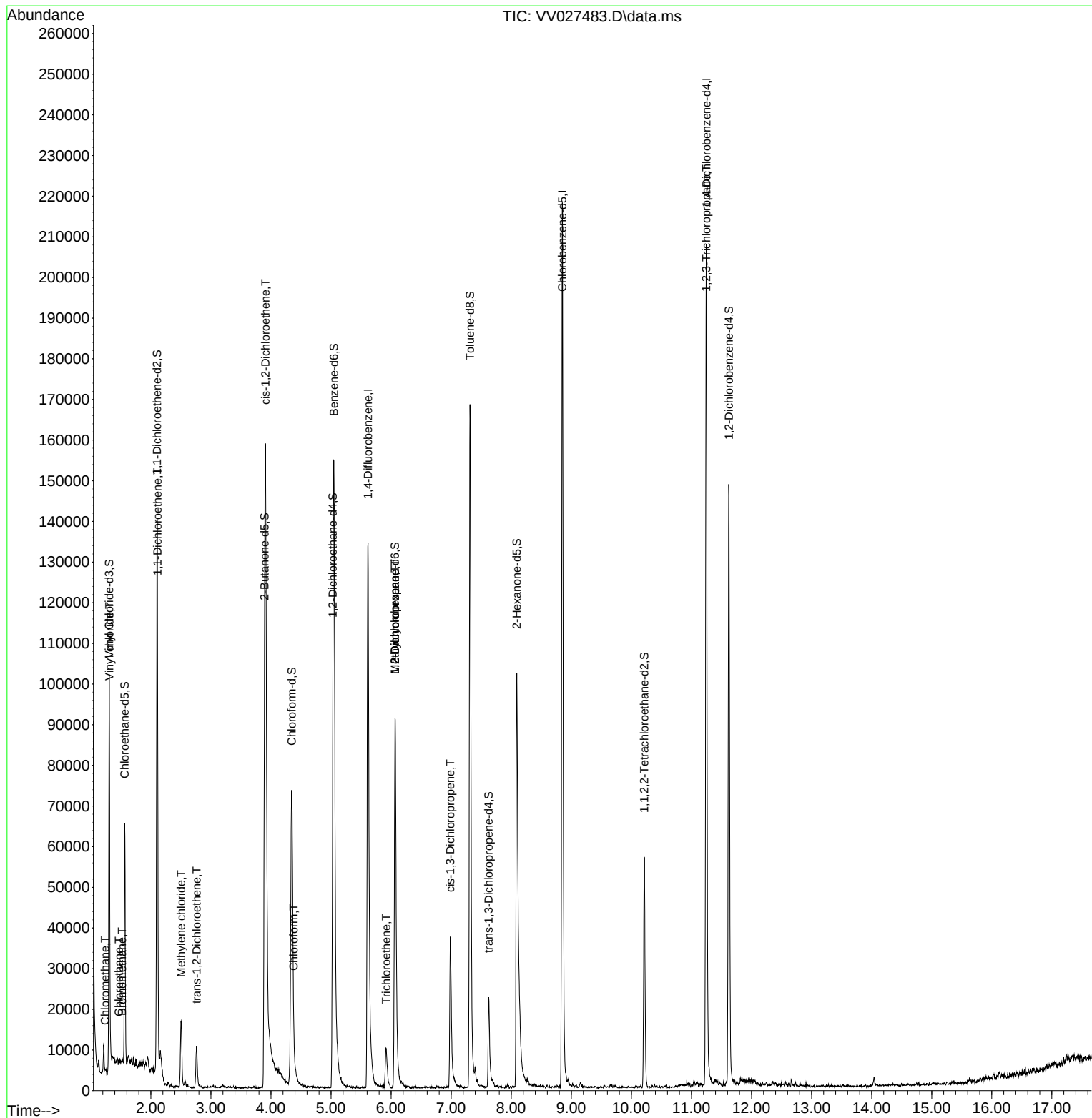
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 121093   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 120425   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 54695    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 36086    | 4.187    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 83.800%  |
| 7) Chloroethane-d5            | 1.565  | 69    | 37775    | 5.989    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 119.800% |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 72198    | 3.593    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 71.800%  |
| 20) 2-Butanone-d5             | 3.892  | 46    | 42097    | 39.250   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 78.500%  |
| 24) Chloroform-d              | 4.346  | 84    | 80974    | 4.699    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 37002    | 4.963    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.200%  |
| 32) Benzene-d6                | 5.047  | 84    | 148635   | 4.456    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 44812    | 4.621    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.400%  |
| 41) Toluene-d8                | 7.314  | 98    | 118740   | 3.942    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.800%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 14134    | 4.257    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 85.200%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 42890    | 39.240   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 78.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 27302    | 4.421    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 88.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 38363    | 4.732    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 94.600%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.240  | 50    | 470      | 0.042    | ug/L # | 69       |
| 5) Vinyl chloride             | 1.311  | 62    | 36718    | 3.251    | ug/L   | 99       |
| 6) Bromomethane               | 1.520  | 94    | 707      | 0.127    | ug/L   | 100      |
| 8) Chloroethane               | 1.468  | 64    | 648      | 0.098    | ug/L # | 41       |
| 12) 1,1-Dichloroethene        | 2.111  | 96    | 1421     | 0.155    | ug/L # | 1        |
| 16) Methylene chloride        | 2.503  | 84    | 6443     | 0.466    | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 2.764  | 96    | 3654     | 0.387    | ug/L   | 88       |
| 22) cis-1,2-Dichloroethene    | 3.909  | 96    | 85275    | 8.477    | ug/L   | 91       |
| 25) Chloroform                | 4.378  | 83    | 2129     | 0.100    | ug/L   | 93       |
| 34) Trichloroethene           | 5.918  | 95    | 3111     | 0.295    | ug/L   | 91       |
| 35) Methylcyclohexane         | 6.066  | 83    | 11072    | 0.747    | ug/L # | 15       |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 5371     | 0.503    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 6.986  | 75    | 1083     | 0.084    | ug/L   | 93       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 6832     | 1.424    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

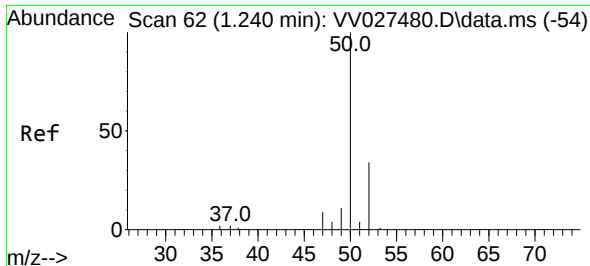
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082322\  
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Sample : N4252-05DL 20X  
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ALS Vial : 6 Sample Multiplier: 1

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Quant Time: Aug 24 02:12:29 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Aug 24 02:11:24 2022  
Response via : Initial Calibration

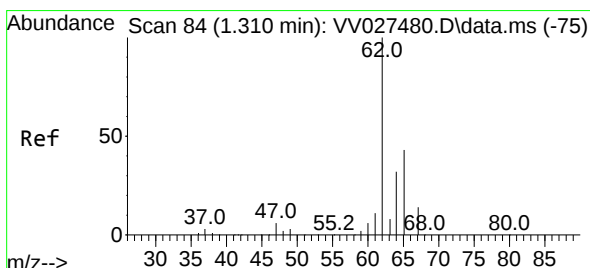
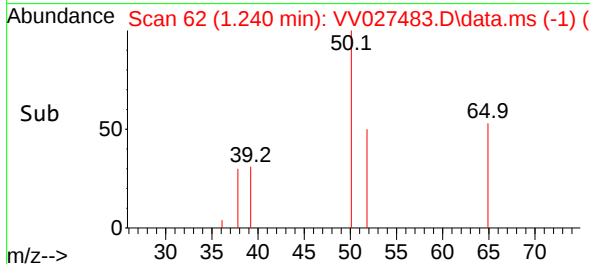
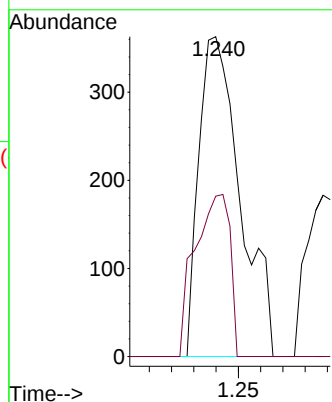
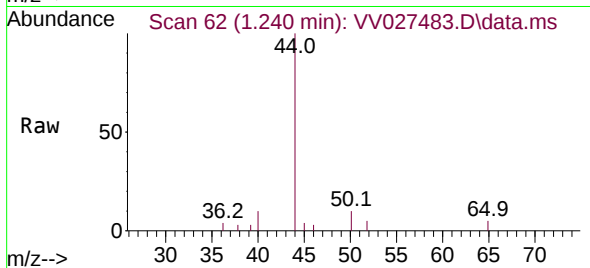




#3  
Chloromethane  
Concen: 0.042 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VV027483.D  
Acq: 23 Aug 2022 12:53

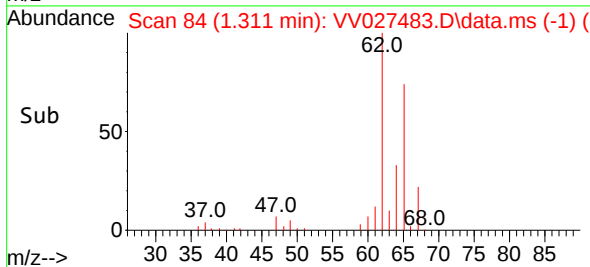
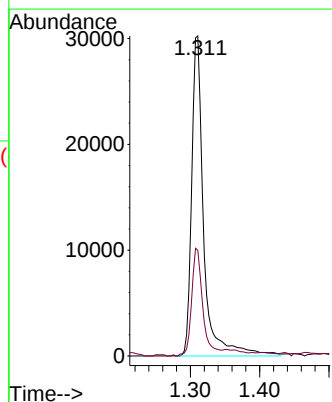
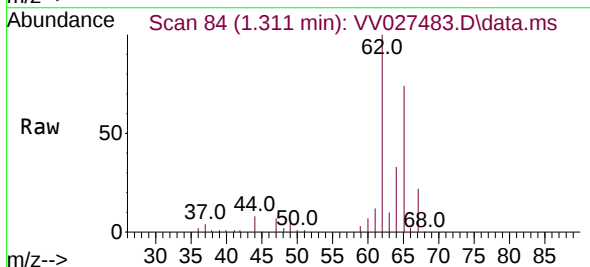
Instrument :  
MSVOA\_V  
ClientSampleId :  
EX9C6DL

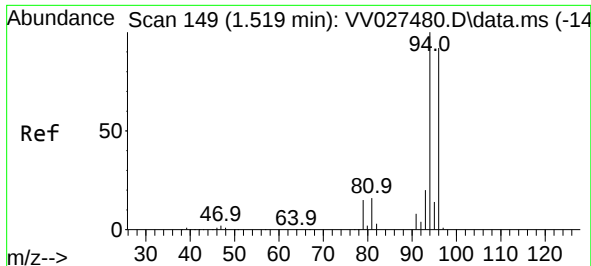
Tgt Ion: 50 Resp: 470  
Ion Ratio Lower Upper  
50 100  
52 50.1 22.8 42.4#



#5  
Vinyl chloride  
Concen: 3.251 ug/L  
RT: 1.311 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VV027483.D  
Acq: 23 Aug 2022 12:53

Tgt Ion: 62 Resp: 36718  
Ion Ratio Lower Upper  
62 100  
64 33.0 22.6 42.0

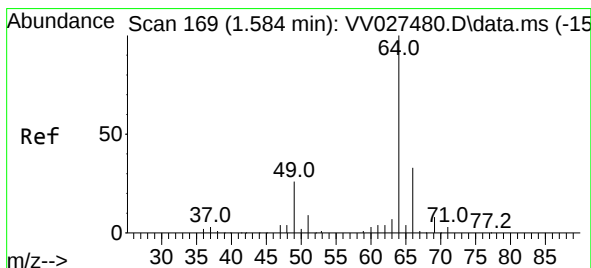
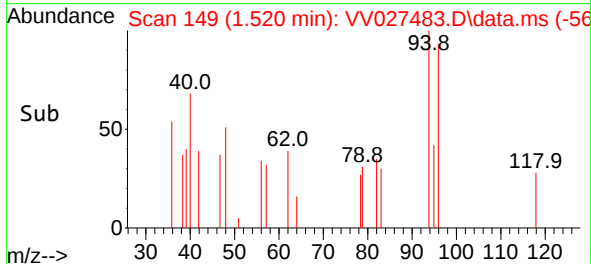
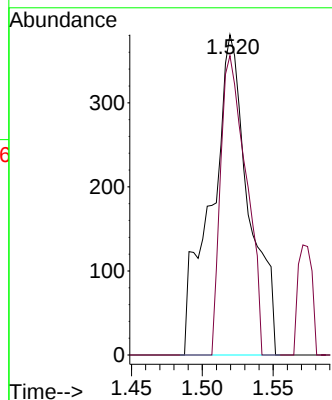
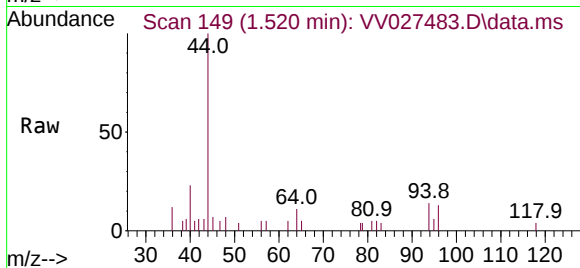




#6  
Bromomethane  
Concen: 0.127 ug/L  
RT: 1.520 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VV027483.D  
Acq: 23 Aug 2022 12:53

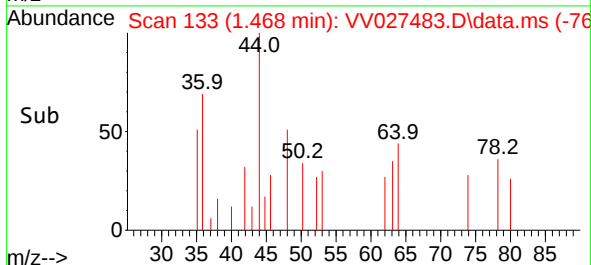
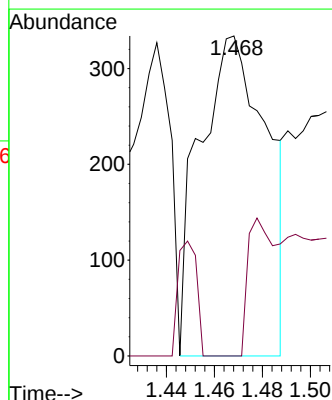
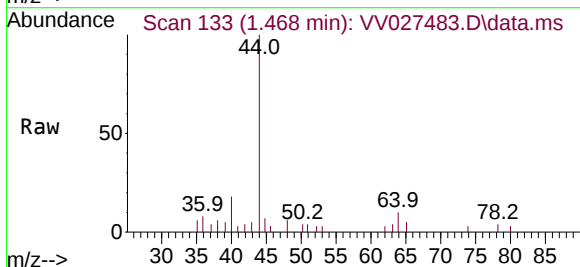
Instrument :  
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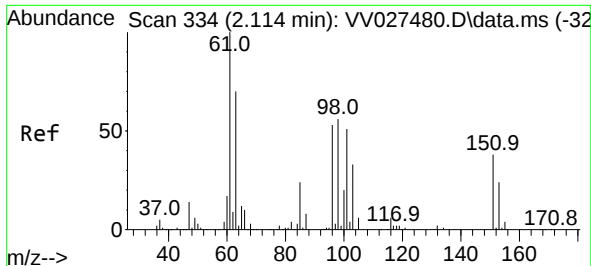
Tgt Ion: 94 Resp: 707  
Ion Ratio Lower Upper  
94 100  
96 93.4 65.2 121.0



#8  
Chloroethane  
Concen: 0.098 ug/L  
RT: 1.468 min Scan# 133  
Delta R.T. -0.116 min  
Lab File: VV027483.D  
Acq: 23 Aug 2022 12:53

Tgt Ion: 64 Resp: 648  
Ion Ratio Lower Upper  
64 100  
66 0.0 23.3 43.3#

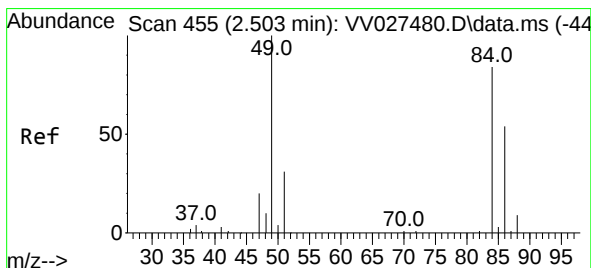
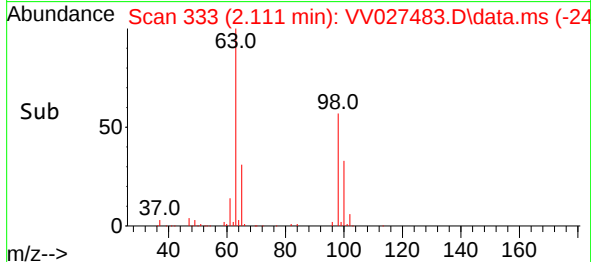
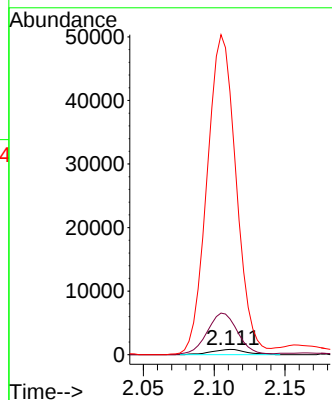
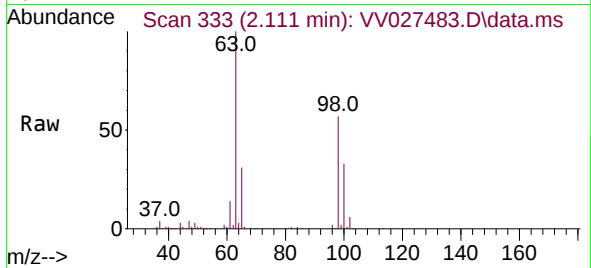




#12  
1,1-Dichloroethene  
Concen: 0.155 ug/L  
RT: 2.111 min Scan# 311  
Delta R.T. -0.003 min  
Lab File: VV027483.D  
Acq: 23 Aug 2022 12:53

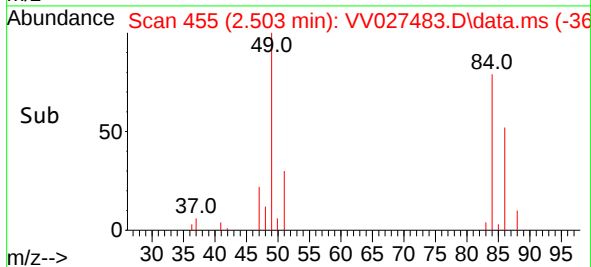
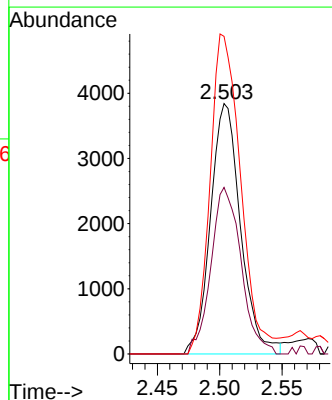
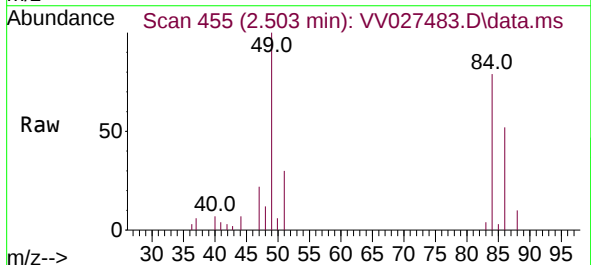
Instrument :  
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ClientSampleId :  
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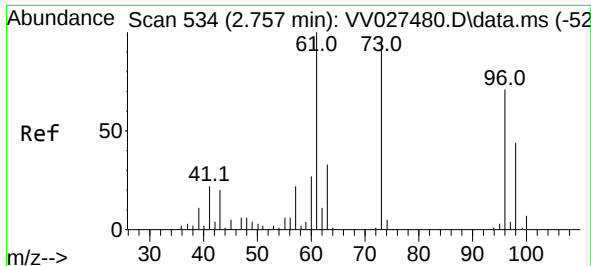
Tgt Ion: 96 Resp: 1421  
Ion Ratio Lower Upper  
96 100  
61 678.4 130.2 241.8#  
63 4985.1 87.4 162.4#



#16  
Methylene chloride  
Concen: 0.466 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. 0.000 min  
Lab File: VV027483.D  
Acq: 23 Aug 2022 12:53

Tgt Ion: 84 Resp: 6443  
Ion Ratio Lower Upper  
84 100  
86 66.5 44.0 81.6  
49 126.8 89.4 166.0

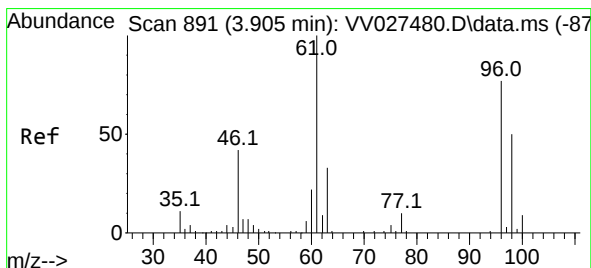
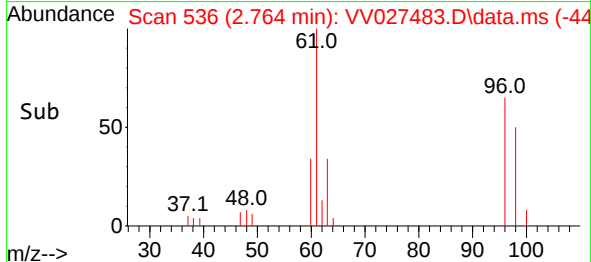
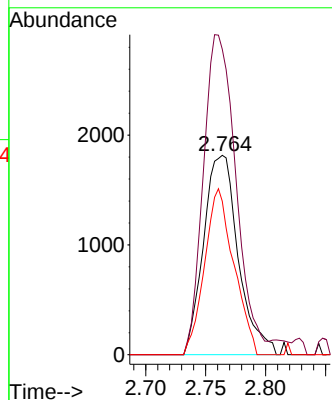
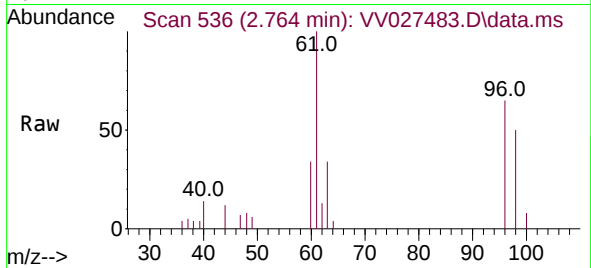




#18  
trans-1,2-Dichloroethene  
Concen: 0.387 ug/L  
RT: 2.764 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: VV027483.D  
Acq: 23 Aug 2022 12:53

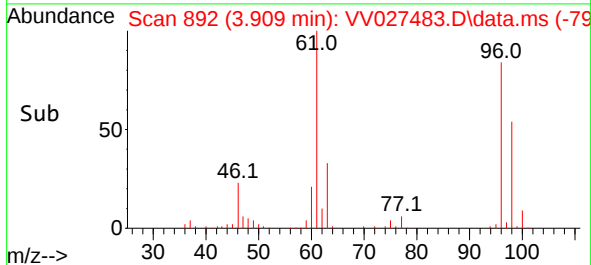
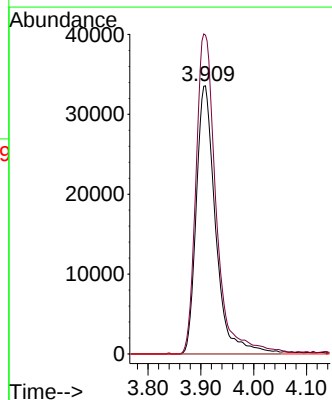
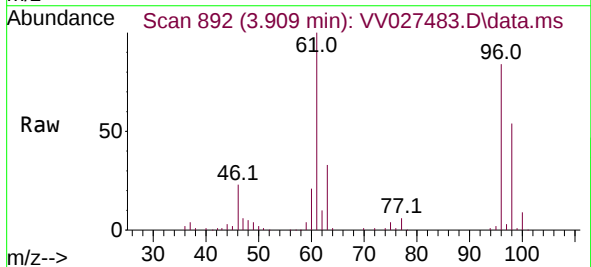
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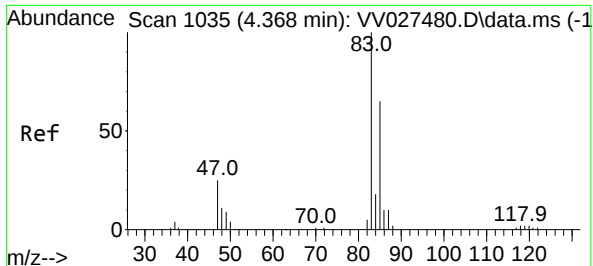
Tgt Ion: 96 Resp: 3654  
Ion Ratio Lower Upper  
96 100  
61 153.2 97.6 181.4  
98 77.0 45.9 85.3



#22  
cis-1,2-Dichloroethene  
Concen: 8.477 ug/L  
RT: 3.909 min Scan# 892  
Delta R.T. 0.003 min  
Lab File: VV027483.D  
Acq: 23 Aug 2022 12:53

Tgt Ion: 96 Resp: 85275  
Ion Ratio Lower Upper  
96 100  
61 118.9 90.6 168.2  
68 0.0 0.0 0.0

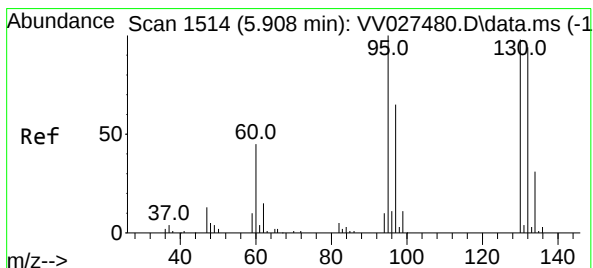
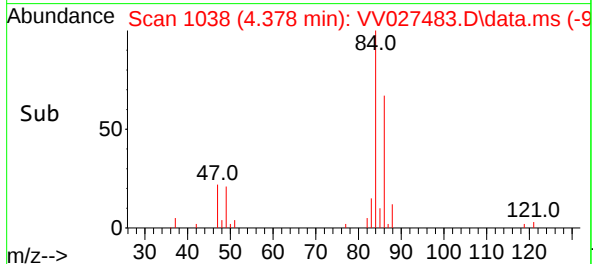
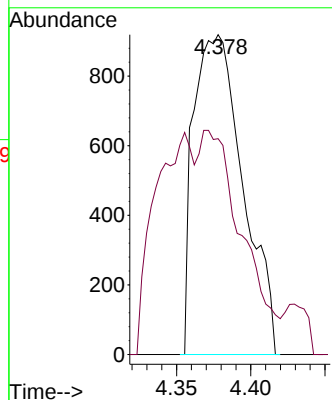
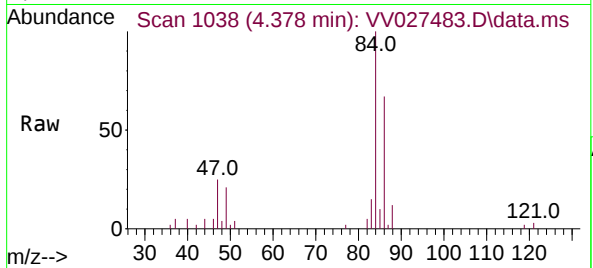




#25  
Chloroform  
Concen: 0.100 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. 0.010 min  
Lab File: VV027483.D  
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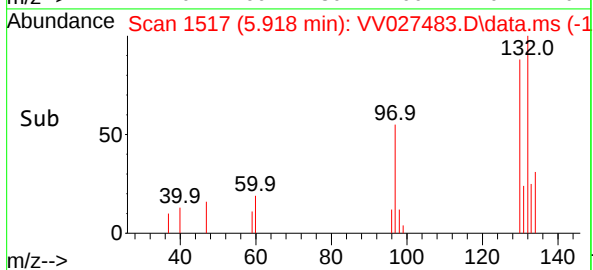
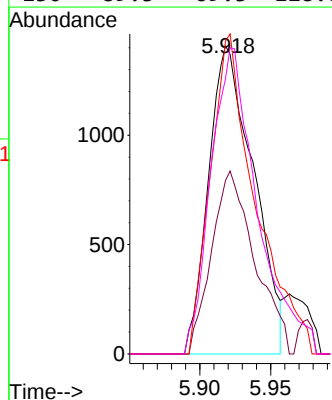
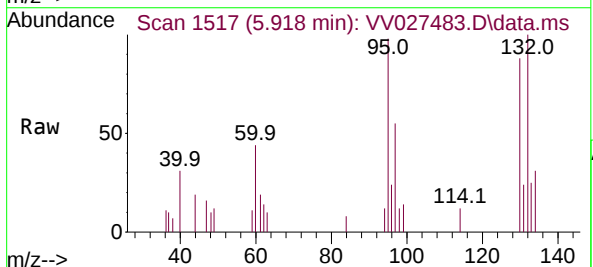
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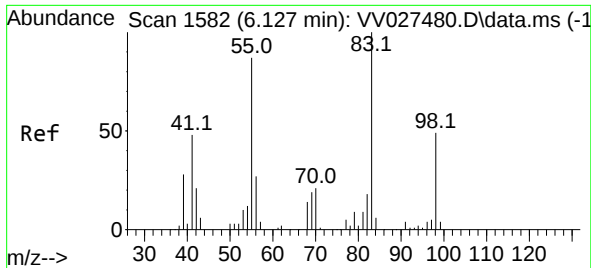
Tgt Ion: 83 Resp: 2129  
Ion Ratio Lower Upper  
83 100  
85 67.5 43.3 80.5



#34  
Trichloroethene  
Concen: 0.295 ug/L  
RT: 5.918 min Scan# 1517  
Delta R.T. 0.010 min  
Lab File: VV027483.D  
Acq: 23 Aug 2022 12:53

Tgt Ion: 95 Resp: 3111  
Ion Ratio Lower Upper  
95 100  
97 56.3 45.0 83.6  
132 101.6 65.7 121.9  
130 89.3 69.3 128.7

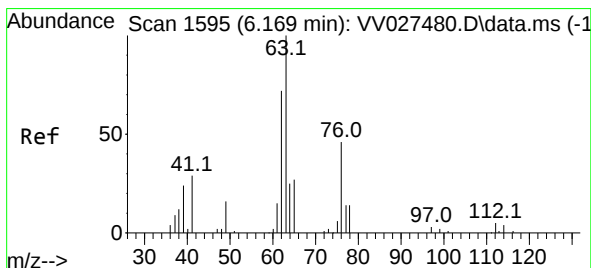
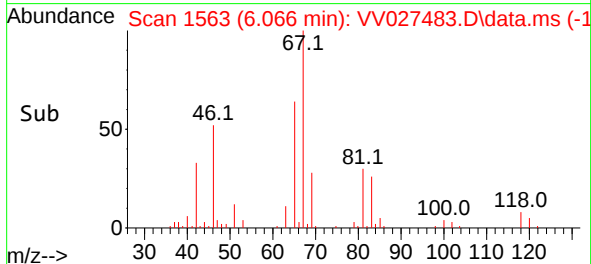
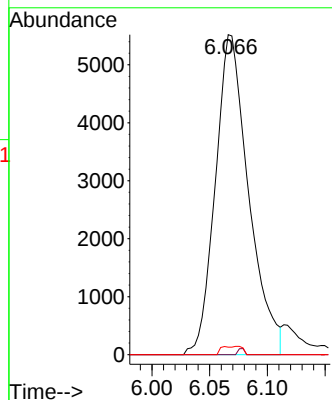
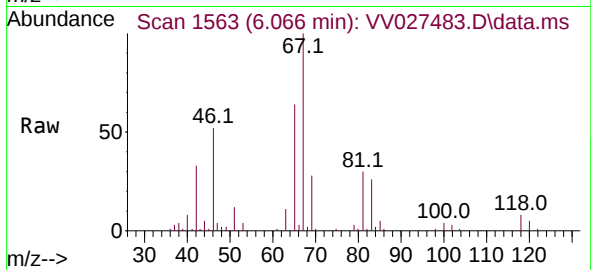




#35  
Methylcyclohexane  
Concen: 0.747 ug/L  
RT: 6.066 min Scan# 1563  
Delta R.T. -0.061 min  
Lab File: VV027483.D  
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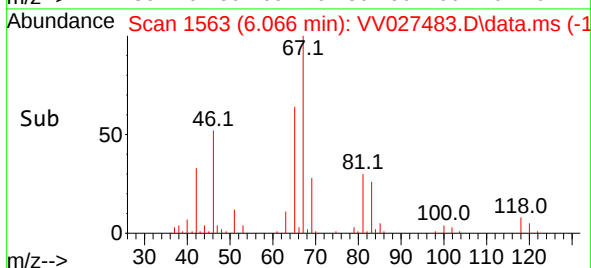
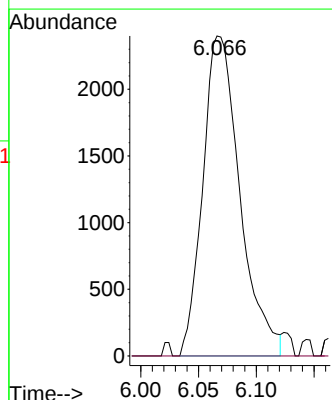
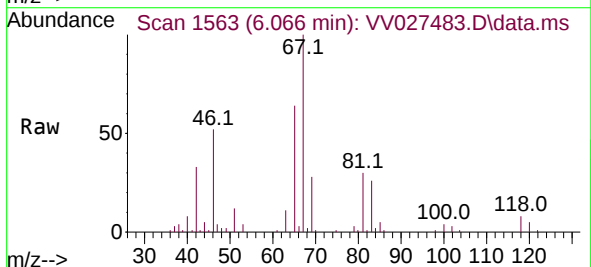
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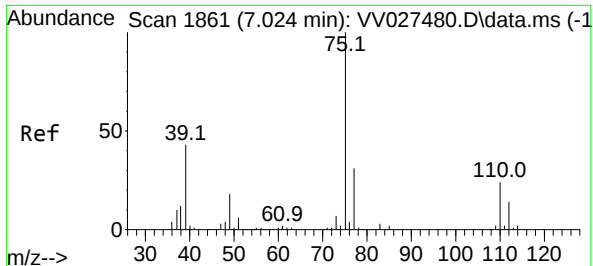
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Ion Ratio Lower Upper  
83 100  
55 0.4 68.2 102.4#  
98 0.7 39.0 58.4#



#37  
1,2-Dichloropropane  
Concen: 0.503 ug/L  
RT: 6.066 min Scan# 1563  
Delta R.T. -0.103 min  
Lab File: VV027483.D  
Acq: 23 Aug 2022 12:53

Tgt Ion: 63 Resp: 5371  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV027483.D

Acq: 23 Aug 2022 12:53

Instrument :

MSVOA\_V

ClientSampleId :

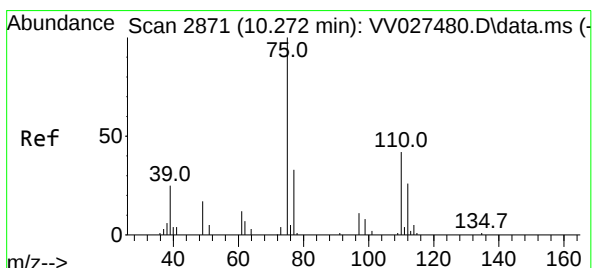
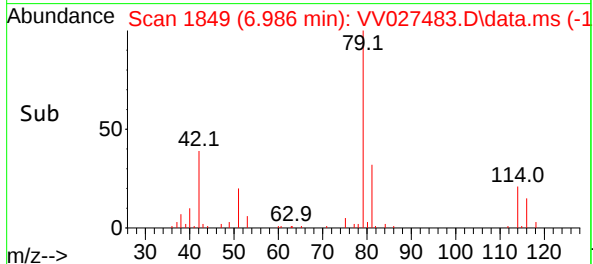
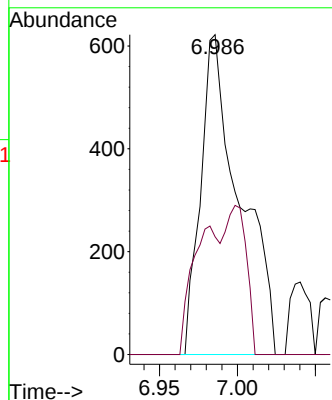
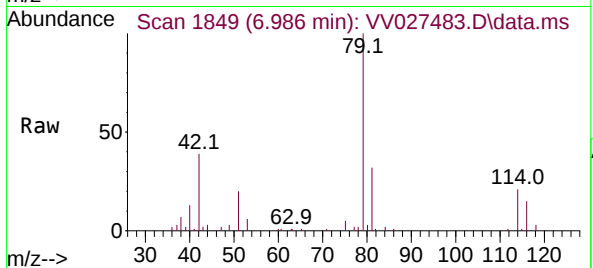
EX9C6DL

Tgt Ion: 75 Resp: 1083

Ion Ratio Lower Upper

75 100

77 36.8 22.9 42.5



#61

1,2,3-Trichloropropane

Concen: 1.424 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027483.D

Acq: 23 Aug 2022 12:53

Tgt Ion: 75 Resp: 6832

Ion Ratio Lower Upper

75 100

77 34.9 26.2 39.2

110 3.3 29.9 44.9#

