

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW012523\  
 Data File : VW029943.D  
 Acq On : 25 Jan 2023 15:01  
 Operator : SY/MD  
 Sample : 01292-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COL59

Quant Time: Jan 25 22:14:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011223WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jan 25 22:12:17 2023  
 Response via : Initial Calibration

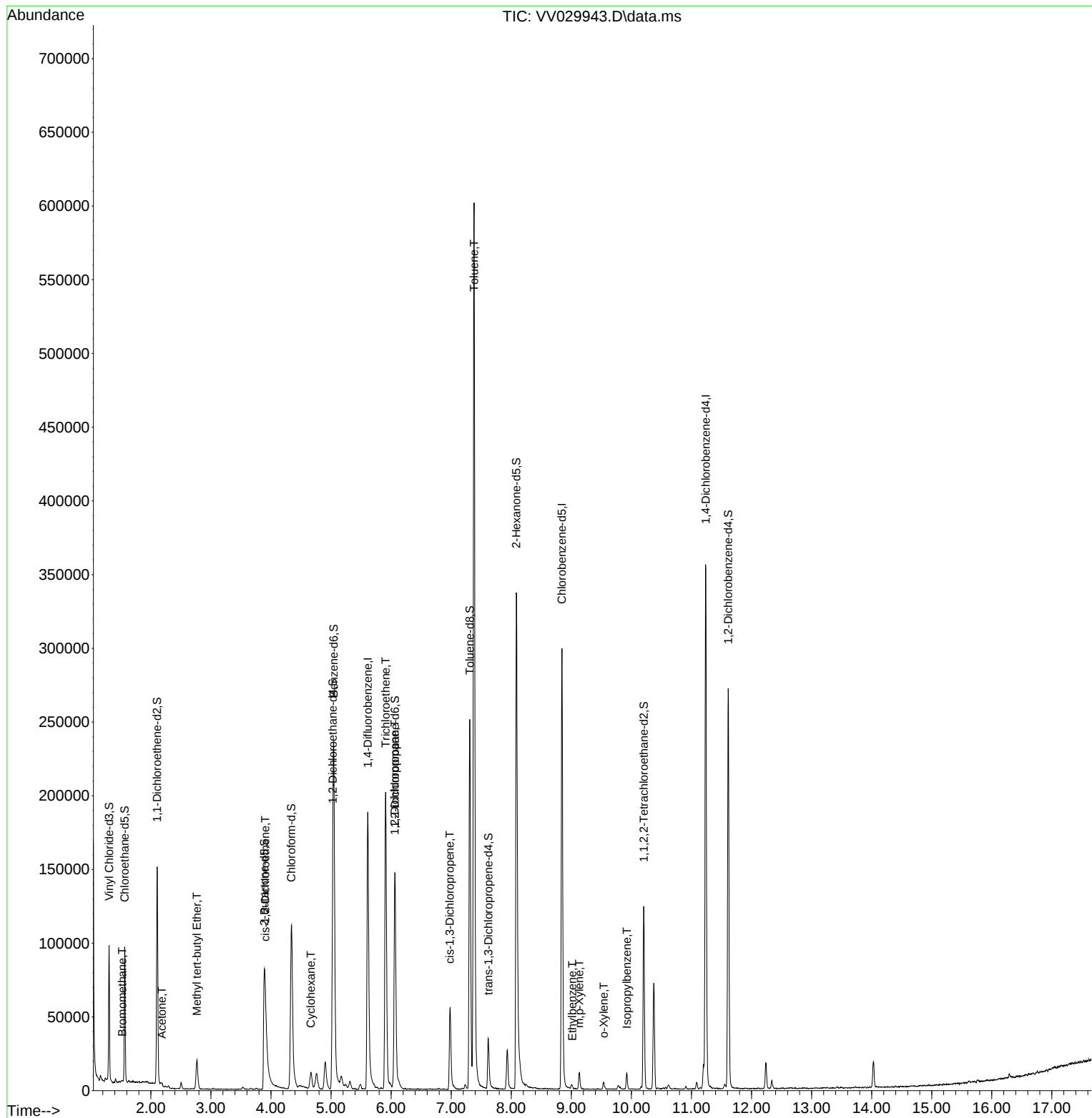
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 169673   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.844  | 117   | 172657   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.239 | 152   | 99631    | 5.000    | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 55300    | 4.297    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 86.000%   |
| 7) Chloroethane-d5            | 1.564  | 69    | 57864    | 5.424    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 108.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.104  | 63    | 77860    | 3.319    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 66.400%   |
| 20) 2-Butanone-d5             | 3.889  | 46    | 155080   | 67.987   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 135.980%# |
| 24) Chloroform-d              | 4.339  | 84    | 120063   | 5.086    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 55687    | 5.570    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 111.400%  |
| 32) Benzene-d6                | 5.043  | 84    | 228160   | 4.455    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.000%   |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67    | 80577    | 5.376    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 107.600%  |
| 41) Toluene-d8                | 7.310  | 98    | 177379   | 3.741    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 74.800%   |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79    | 22314    | 4.076    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.600%   |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 129088   | 57.922   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 115.840%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84    | 63041    | 5.739    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 114.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.612 | 152   | 73213    | 4.042    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 80.800%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 6) Bromomethane               | 1.523  | 94    | 679      | 0.086    | ug/L   | 98        |
| 13) Acetone                   | 2.182  | 43    | 2797     | 1.718    | ug/L   | 95        |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 19040    | 0.760    | ug/L # | 94        |
| 22) cis-1,2-Dichloroethene    | 3.905  | 96    | 3571     | 0.249    | ug/L   | 84        |
| 30) Cyclohexane               | 4.664  | 56    | 3450     | 0.163    | ug/L # | 55        |
| 34) Trichloroethene           | 5.908  | 95    | 73534    | 5.083    | ug/L   | 96        |
| 37) 1,2-Dichloropropane       | 6.059  | 63    | 8183     | 0.612    | ug/L # | 85        |
| 39) cis-1,3-Dichloropropene   | 6.979  | 75    | 1498     | 0.084    | ug/L # | 62        |
| 42) Toluene                   | 7.381  | 91    | 460817   | 7.485    | ug/L   | 97        |
| 52) Ethylbenzene              | 9.014  | 91    | 2645     | 0.041    | ug/L   | 99        |
| 53) m,p-Xylene                | 9.133  | 106   | 3396     | 0.133    | ug/L   | 90        |
| 54) o-Xylene                  | 9.538  | 106   | 1461     | 0.060    | ug/L   | 85        |
| 60) Isopropylbenzene          | 9.924  | 105   | 7222     | 0.113    | ug/L # | 95        |
| -----                         |        |       |          |          |        |           |

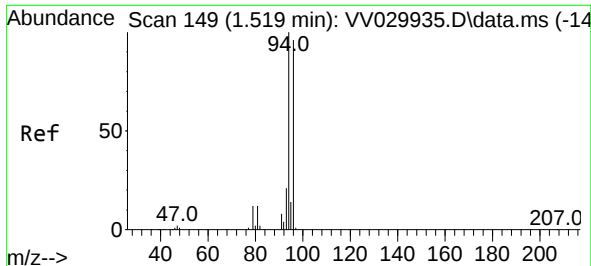
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012523\  
Data File : VV029943.D  
Acq On : 25 Jan 2023 15:01  
Operator : SY/MD  
Sample : 01292-02  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Quant Time: Jan 25 22:14:33 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011223WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Jan 25 22:12:17 2023  
Response via : Initial Calibration

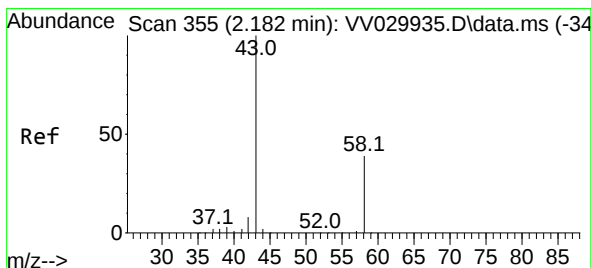
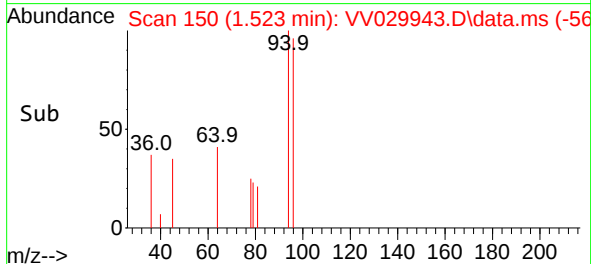
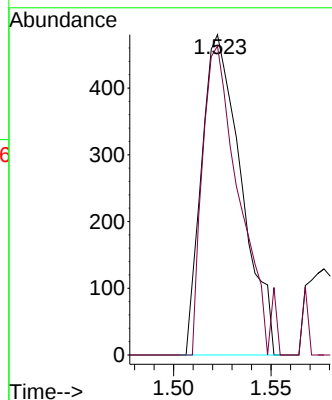
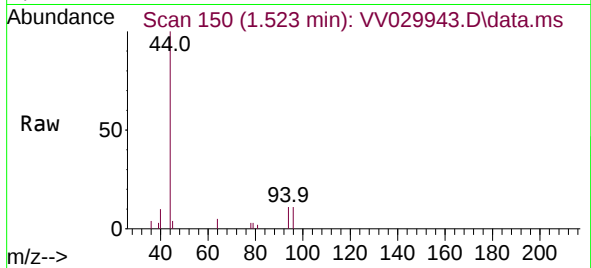




#6  
Bromomethane  
Concen: 0.086 ug/L  
RT: 1.523 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV029943.D  
Acq: 25 Jan 2023 15:01

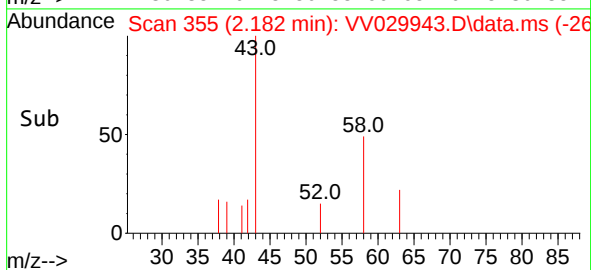
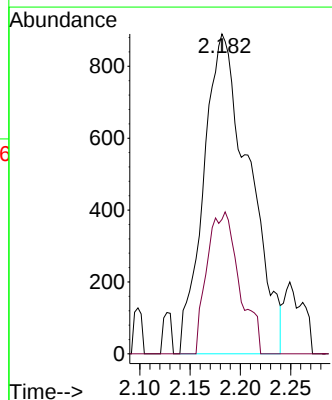
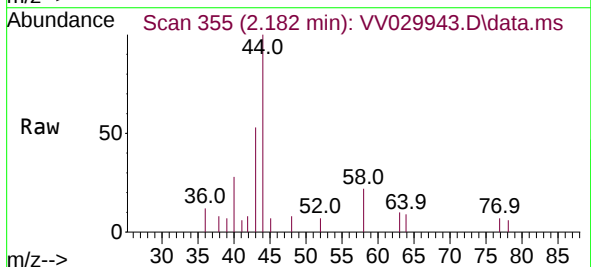
Instrument :  
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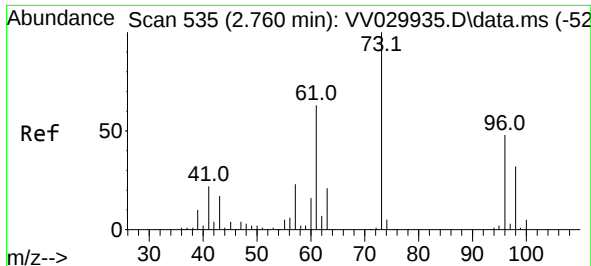
Tgt Ion: 94 Resp: 679  
Ion Ratio Lower Upper  
94 100  
96 96.5 65.9 122.5



#13  
Acetone  
Concen: 1.718 ug/L  
RT: 2.182 min Scan# 355  
Delta R.T. -0.000 min  
Lab File: VV029943.D  
Acq: 25 Jan 2023 15:01

Tgt Ion: 43 Resp: 2797  
Ion Ratio Lower Upper  
43 100  
58 31.5 0.0 68.8

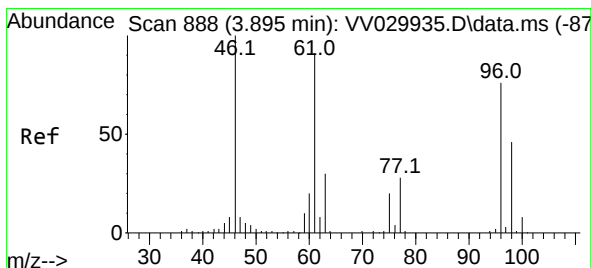
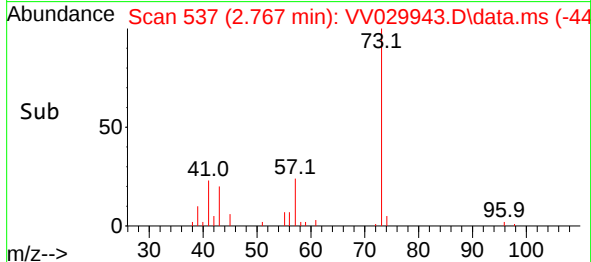
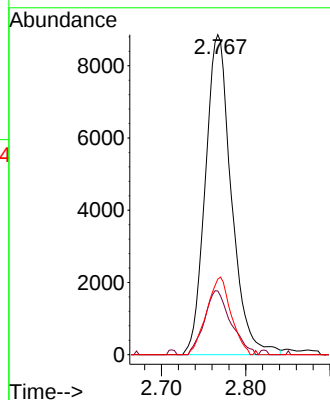
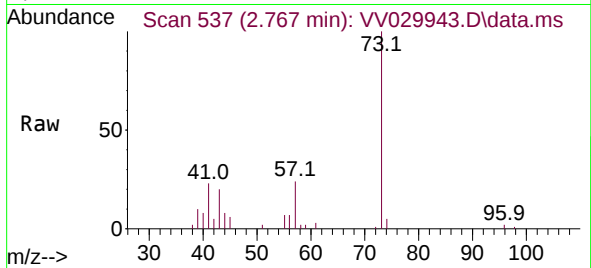




#17  
Methyl tert-butyl Ether  
Concen: 0.760 ug/L  
RT: 2.767 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VV029943.D  
Acq: 25 Jan 2023 15:01

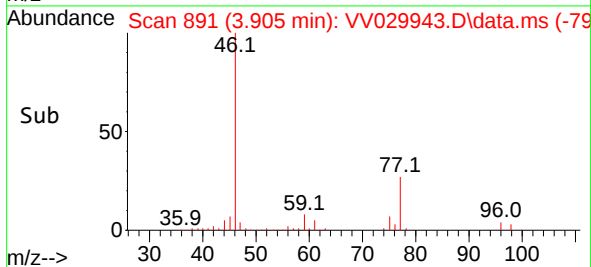
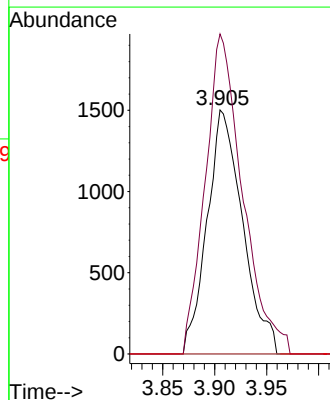
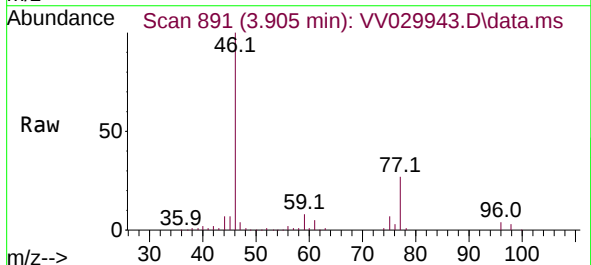
Instrument :  
MSVOA\_V  
ClientSampleId :  
COL59

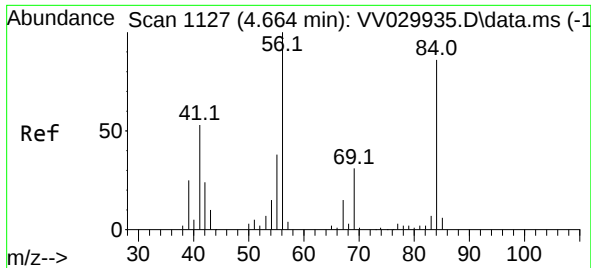
Tgt Ion: 73 Resp: 19040  
Ion Ratio Lower Upper  
73 100  
43 20.2 13.0 19.4#  
57 22.7 17.1 25.7



#22  
cis-1,2-Dichloroethene  
Concen: 0.249 ug/L  
RT: 3.905 min Scan# 891  
Delta R.T. 0.010 min  
Lab File: VV029943.D  
Acq: 25 Jan 2023 15:01

Tgt Ion: 96 Resp: 3571  
Ion Ratio Lower Upper  
96 100  
61 131.2 80.0 148.6  
68 0.0 0.0 0.0

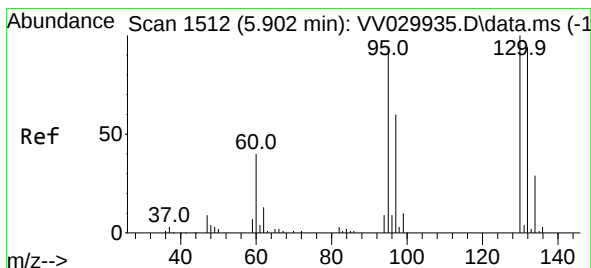
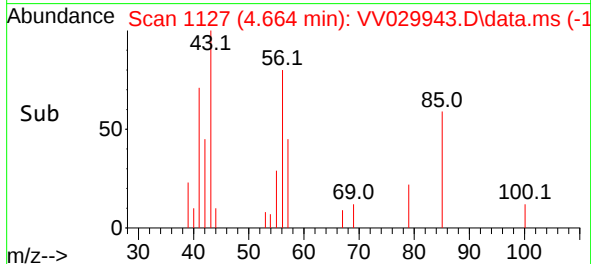
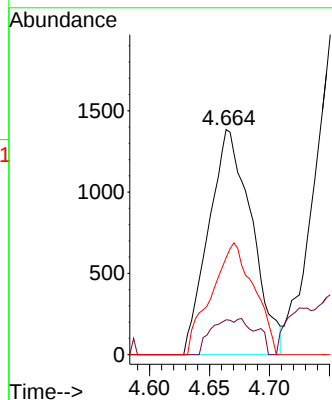
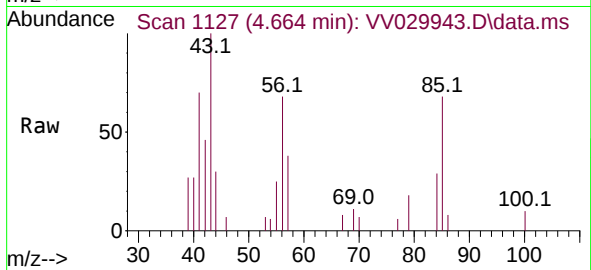




#30  
Cyclohexane  
Concen: 0.163 ug/L  
RT: 4.664 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: VV029943.D  
Acq: 25 Jan 2023 15:01

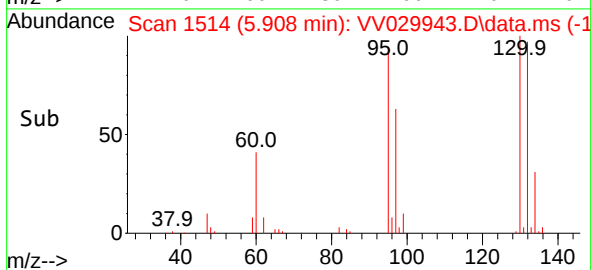
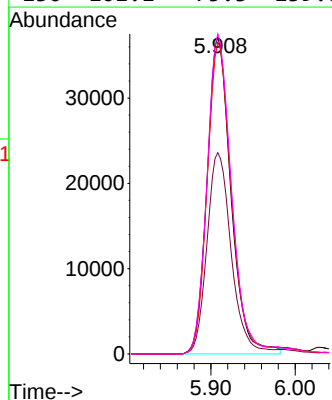
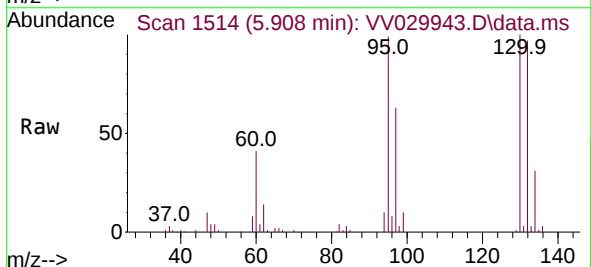
Instrument :  
MSVOA\_V  
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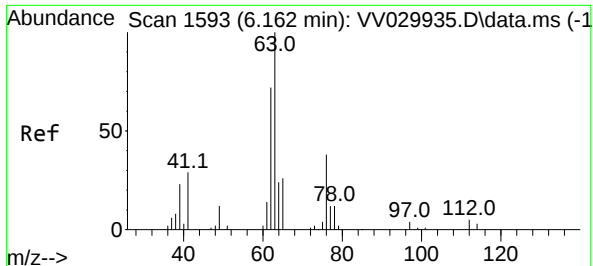
Tgt Ion: 56 Resp: 3450  
Ion Ratio Lower Upper  
56 100  
69 8.8 26.7 40.1#  
84 49.2 73.8 110.8#



#34  
Trichloroethene  
Concen: 5.083 ug/L  
RT: 5.908 min Scan# 1514  
Delta R.T. 0.006 min  
Lab File: VV029943.D  
Acq: 25 Jan 2023 15:01

Tgt Ion: 95 Resp: 73534  
Ion Ratio Lower Upper  
95 100  
97 63.6 44.9 83.3  
132 98.4 71.8 133.4  
130 101.1 75.3 139.8





#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.059 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV029943.D

Acq: 25 Jan 2023 15:01

Instrument :

MSVOA\_V

ClientSampleId :

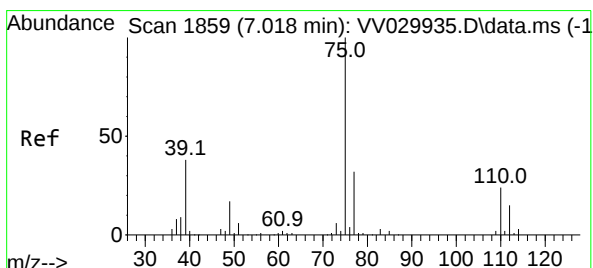
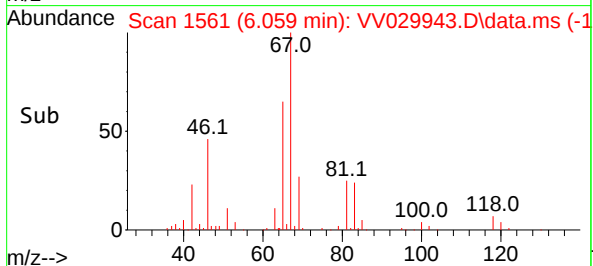
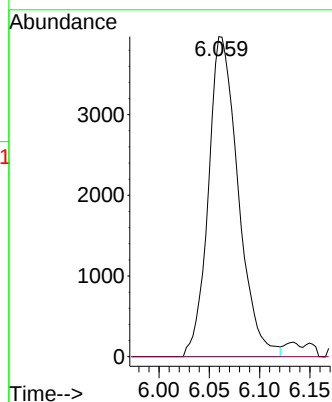
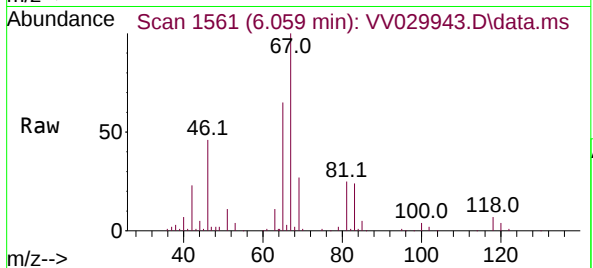
COL59

Tgt Ion: 63 Resp: 8183

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.039 min

Lab File: VV029943.D

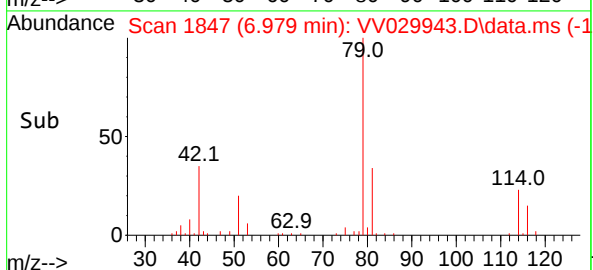
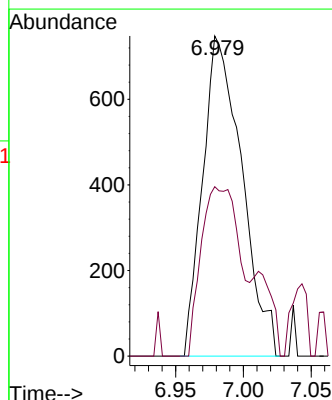
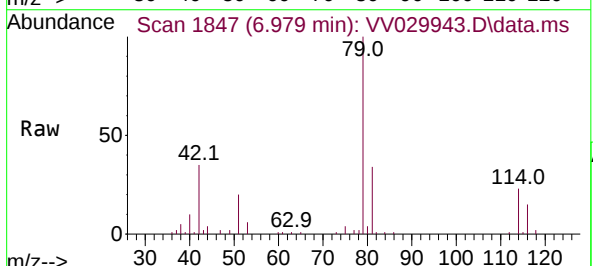
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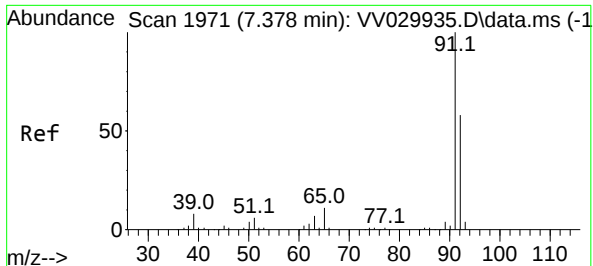
Tgt Ion: 75 Resp: 1498

Ion Ratio Lower Upper

75 100

77 52.9 22.4 41.6#

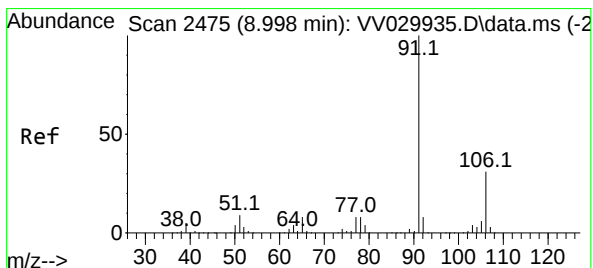
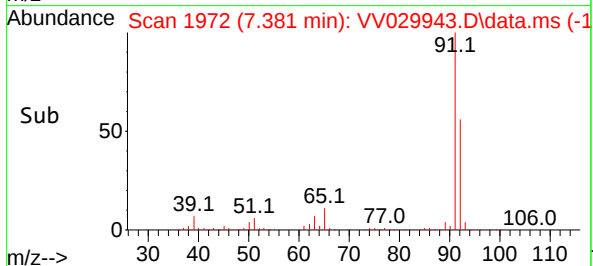
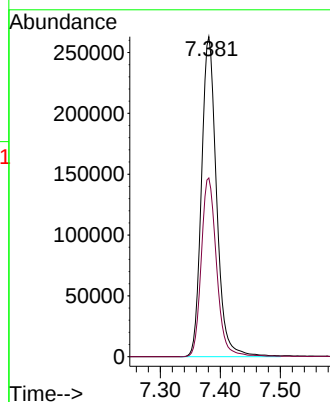
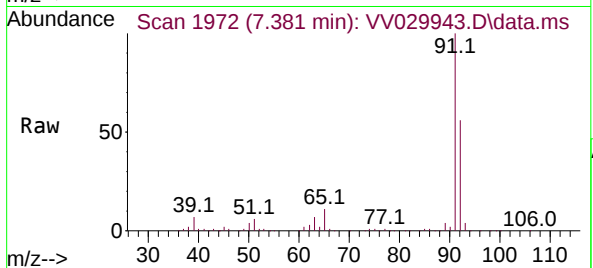




#42  
Toluene  
Concen: 7.485 ug/L  
RT: 7.381 min Scan# 1971  
Delta R.T. 0.003 min  
Lab File: VV029943.D  
Acq: 25 Jan 2023 15:01

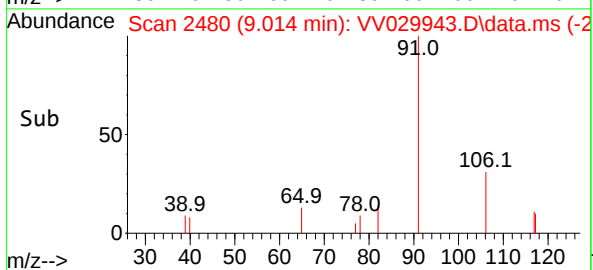
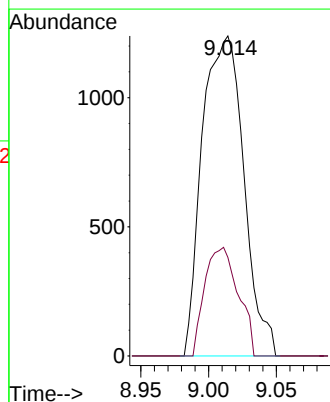
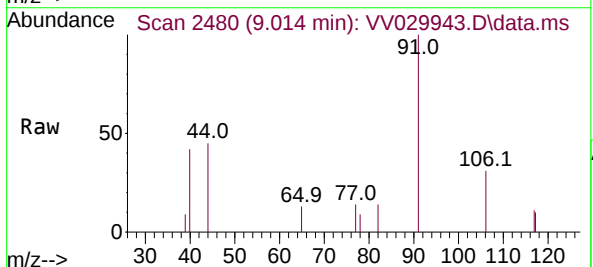
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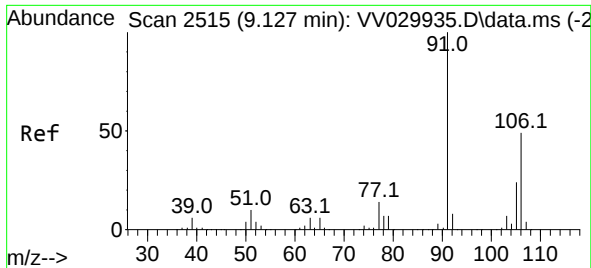
Tgt Ion: 91 Resp: 460817  
Ion Ratio Lower Upper  
91 100  
92 55.9 40.6 75.4



#52  
Ethylbenzene  
Concen: 0.041 ug/L  
RT: 9.014 min Scan# 2480  
Delta R.T. 0.016 min  
Lab File: VV029943.D  
Acq: 25 Jan 2023 15:01

Tgt Ion: 91 Resp: 2645  
Ion Ratio Lower Upper  
91 100  
106 30.8 21.9 40.7

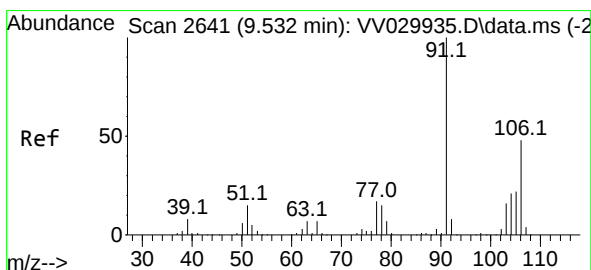
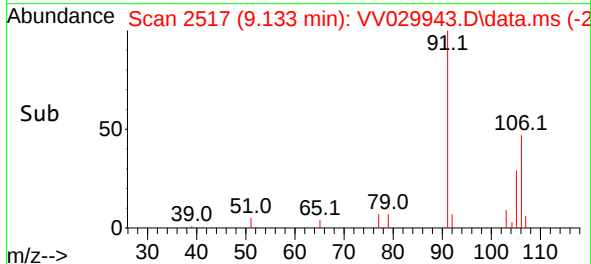
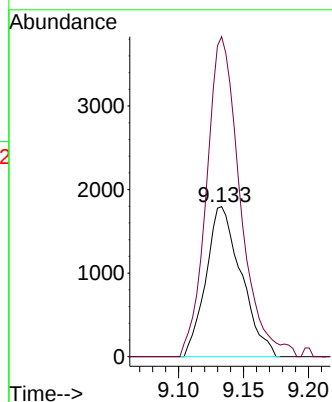
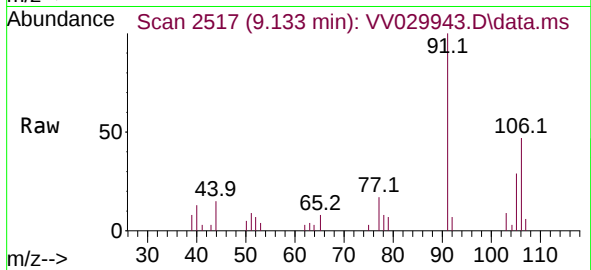




#53  
m,p-Xylene  
Concen: 0.133 ug/L  
RT: 9.133 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VV029943.D  
Acq: 25 Jan 2023 15:01

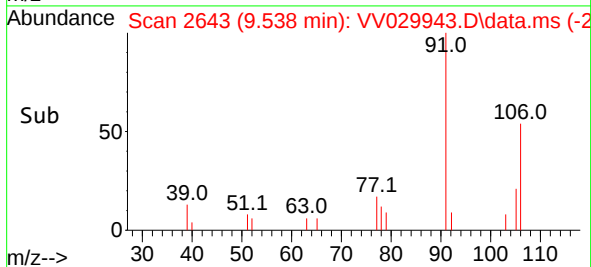
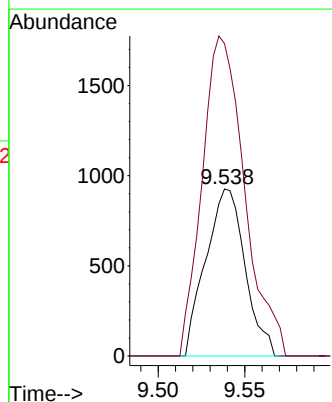
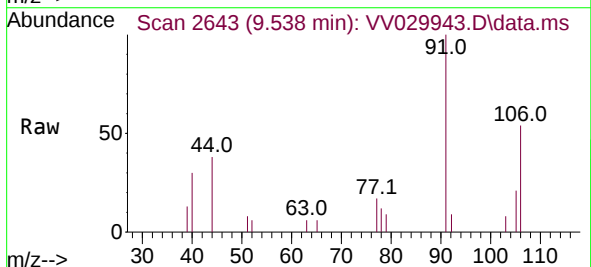
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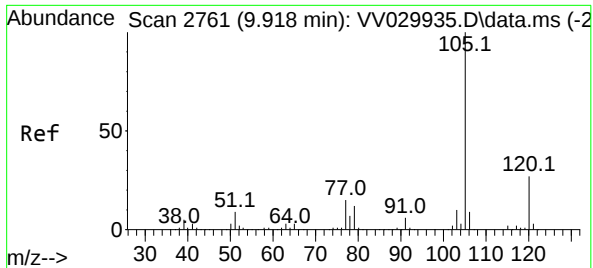
Tgt Ion:106 Resp: 3396  
Ion Ratio Lower Upper  
106 100  
91 213.1 138.7 257.7



#54  
o-Xylene  
Concen: 0.060 ug/L  
RT: 9.538 min Scan# 2643  
Delta R.T. 0.006 min  
Lab File: VV029943.D  
Acq: 25 Jan 2023 15:01

Tgt Ion:106 Resp: 1461  
Ion Ratio Lower Upper  
106 100  
91 186.8 147.7 274.3





#60  
Isopropylbenzene  
Concen: 0.113 ug/L  
RT: 9.924 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VV029943.D  
Acq: 25 Jan 2023 15:01

Instrument :  
MSVOA\_V  
ClientSampleId :  
COL59

Tgt Ion:105 Resp: 7222  
Ion Ratio Lower Upper  
105 100  
120 25.8 21.2 31.8  
77 19.1 11.8 17.8#

