

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV051523\  
 Data File : VV031027.D  
 Acq On : 15 May 2023 15:37  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 16 00:15:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR042823WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue May 16 00:10:06 2023  
 Response via : Initial Calibration

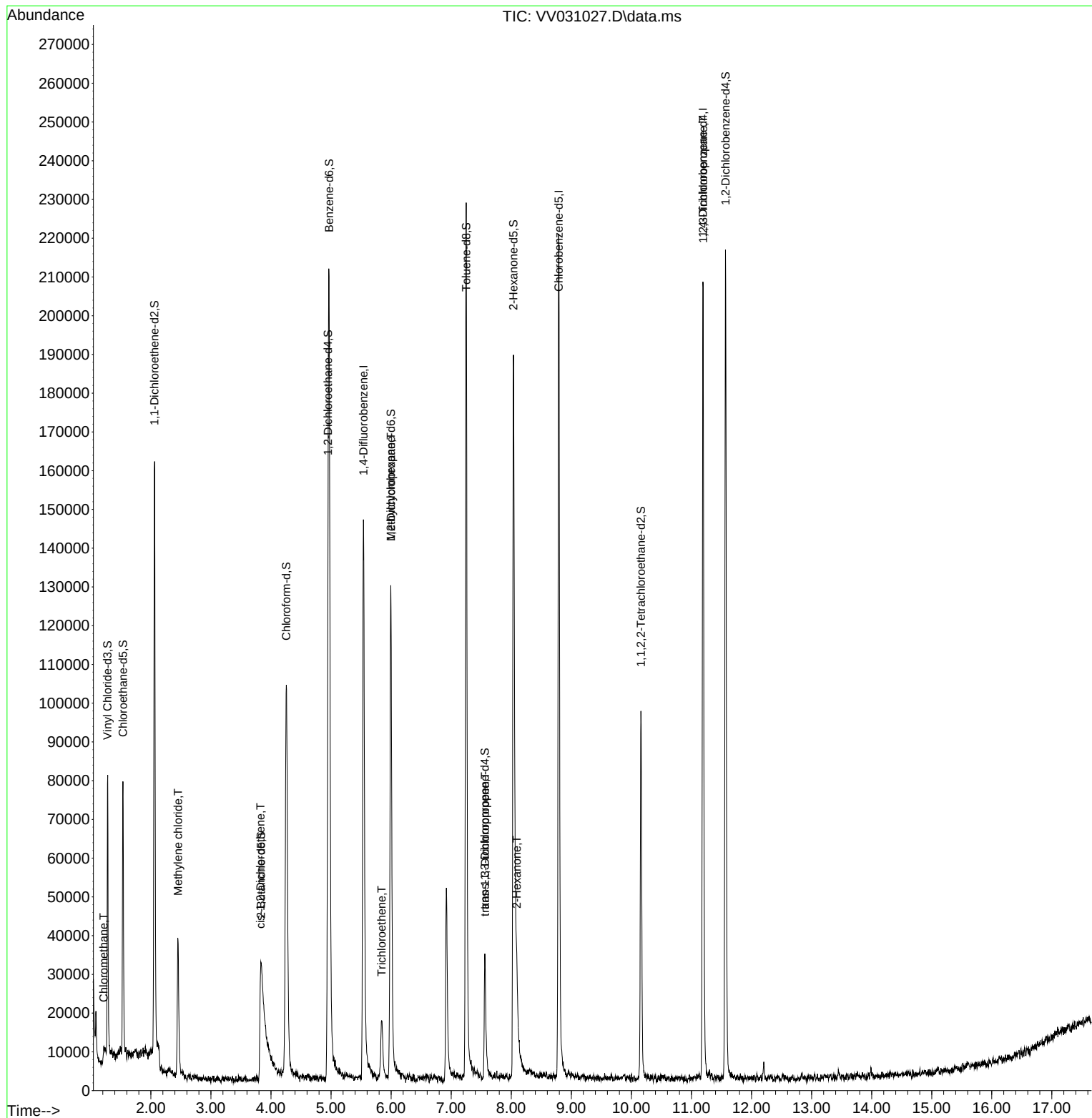
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114            | 126118   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117            | 125368   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152            | 58383    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 46426    | 4.468  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 89.400%  |          |
| 7) Chloroethane-d5            | 1.536  | 69             | 42957    | 5.068  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 101.400% |          |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65             | 25142    | 4.572  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 91.400%  |          |
| 20) 2-Butanone-d5             | 3.835  | 46             | 80677    | 43.784 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 87.560%  |          |
| 24) Chloroform-d              | 4.256  | 84             | 107603   | 5.211  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 104.200% |          |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65             | 57483    | 5.475  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 109.600% |          |
| 32) Benzene-d6                | 4.966  | 84             | 182403   | 4.964  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 99.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67             | 54533    | 5.103  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 102.000% |          |
| 41) Toluene-d8                | 7.249  | 98             | 151395   | 4.326  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 86.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 19346    | 4.830  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 96.600%  |          |
| 46) 2-Hexanone-d5             | 8.037  | 63             | 73207    | 52.165 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 104.340% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84             | 42565    | 5.496  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 110.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567 | 152            | 56769    | 5.216  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 104.400% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.217  | 50             | 2833     | 0.242  | ug/L     | 96       |
| 16) Methylene chloride        | 2.452  | 84             | 15463    | 1.611  | ug/L     | 93       |
| 22) cis-1,2-Dichloroethene    | 3.825  | 96             | 1245     | 0.152  | ug/L     | 78       |
| 34) Trichloroethene           | 5.841  | 95             | 4782     | 0.569  | ug/L     | 90       |
| 35) Methylcyclohexane         | 5.995  | 83             | 14793    | 1.136  | ug/L #   | 18       |
| 44) trans-1,3-Dichloropropene | 7.564  | 75             | 1241     | 0.130  | ug/L #   | 66       |
| 48) 2-Hexanone                | 8.092  | 43             | 12809    | 4.309  | ug/L #   | 74       |
| 61) 1,2,3-Trichloropropane    | 11.194 | 75             | 6358     | 1.734  | ug/L #   | 62       |
| -----                         |        |                |          |        |          |          |

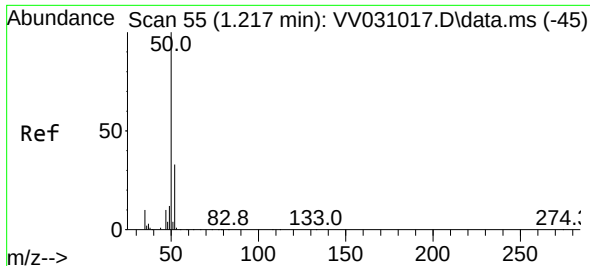
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 16 00:10:06 2023  
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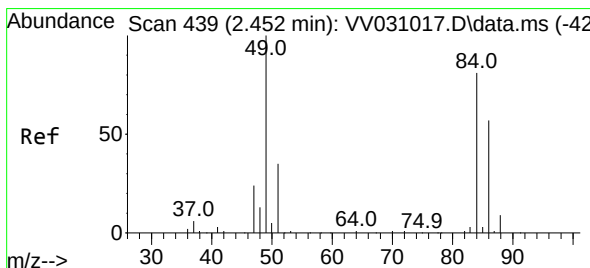
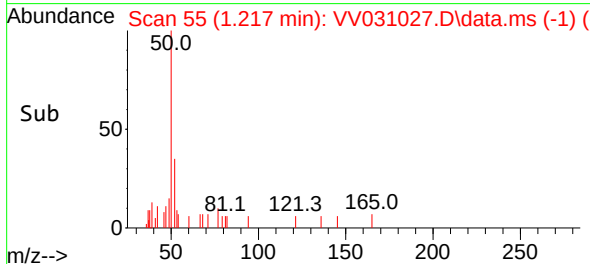
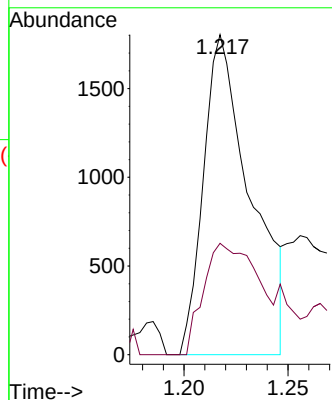
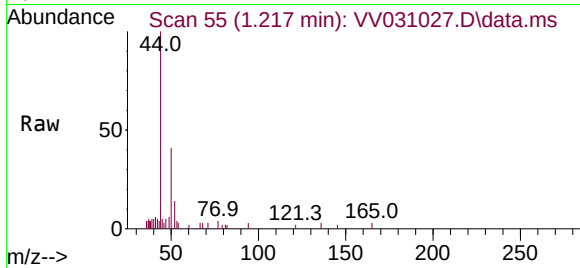




#3  
Chloromethane  
Concen: 0.242 ug/L  
RT: 1.217 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VV031027.D  
Acq: 15 May 2023 15:37

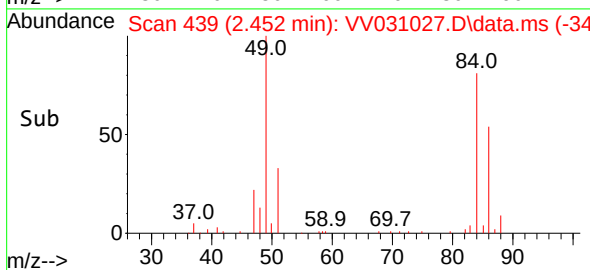
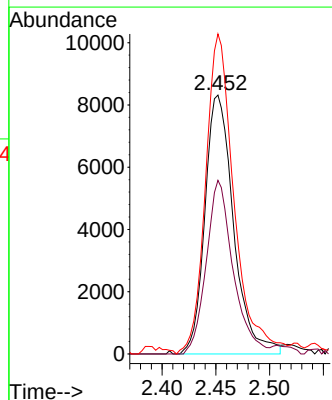
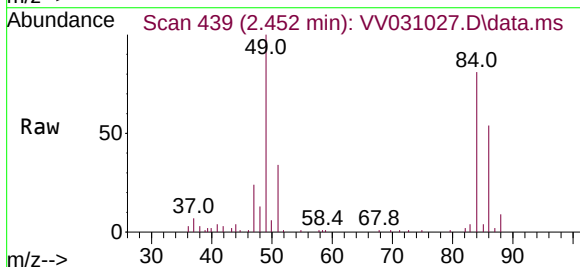
Instrument :  
MSVOA\_V  
ClientSampleId :

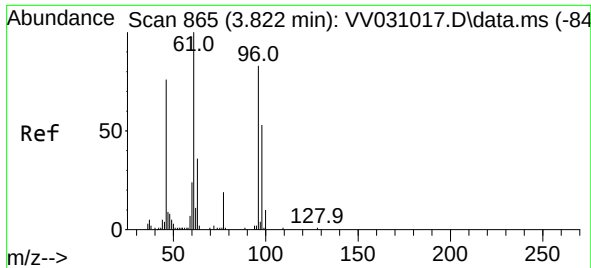
Tgt Ion: 50 Resp: 2833  
Ion Ratio Lower Upper  
50 100  
52 34.8 22.8 42.4



#16  
Methylene chloride  
Concen: 1.611 ug/L  
RT: 2.452 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VV031027.D  
Acq: 15 May 2023 15:37

Tgt Ion: 84 Resp: 15463  
Ion Ratio Lower Upper  
84 100  
86 67.1 46.1 85.5  
49 123.6 94.3 175.1

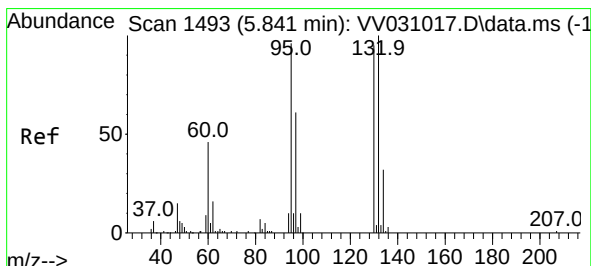
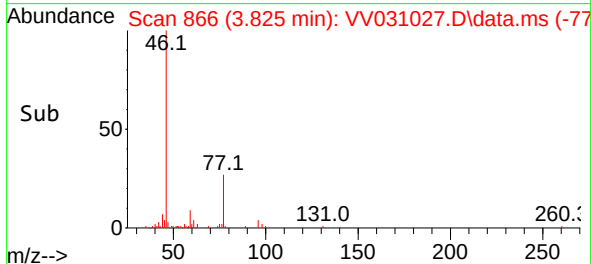
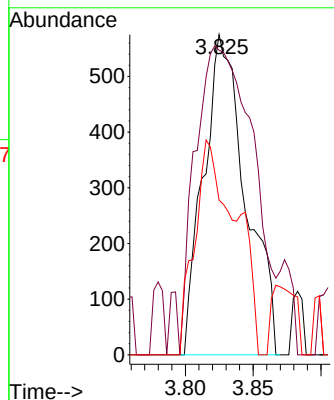
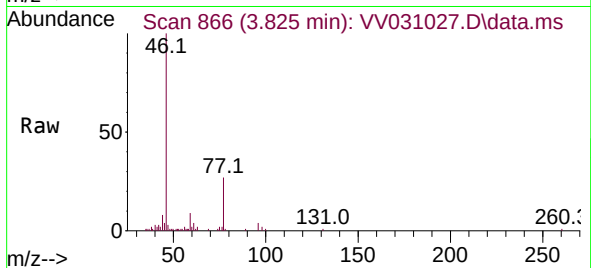




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.152 ug/L  
 RT: 3.825 min Scan# 866  
 Delta R.T. 0.003 min  
 Lab File: VV031027.D  
 Acq: 15 May 2023 15:37

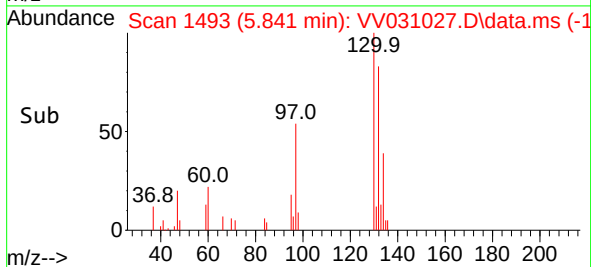
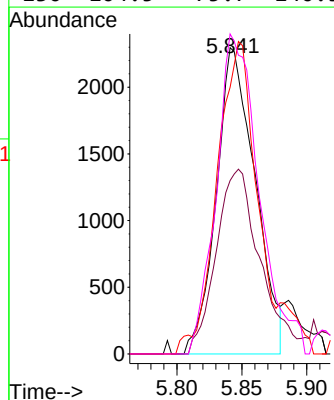
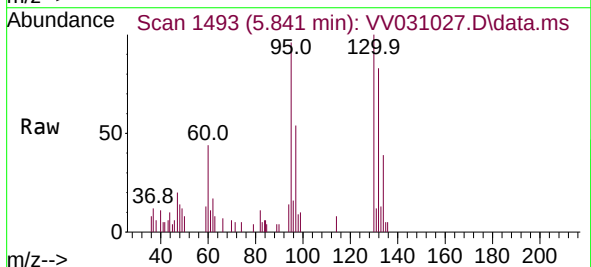
Instrument :  
 MSVOA\_V  
 ClientSampleId :

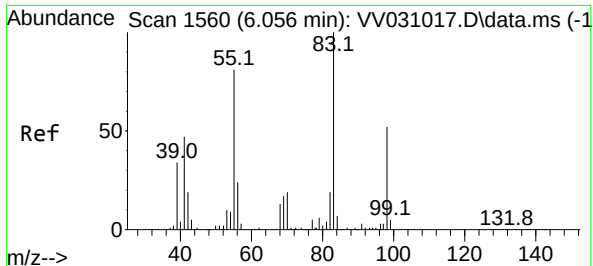
Tgt Ion: 96 Resp: 1245  
 Ion Ratio Lower Upper  
 96 100  
 61 95.1 86.0 159.6  
 98 48.3 43.2 80.2



#34  
 Trichloroethene  
 Concen: 0.569 ug/L  
 RT: 5.841 min Scan# 1493  
 Delta R.T. 0.000 min  
 Lab File: VV031027.D  
 Acq: 15 May 2023 15:37

Tgt Ion: 95 Resp: 4782  
 Ion Ratio Lower Upper  
 95 100  
 97 56.6 46.2 85.8  
 132 87.1 72.7 135.1  
 130 104.5 75.7 140.5





#35

Methylcyclohexane

Concen: 1.136 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV031027.D

Acq: 15 May 2023 15:37

Instrument :

MSVOA\_V

ClientSampleId :

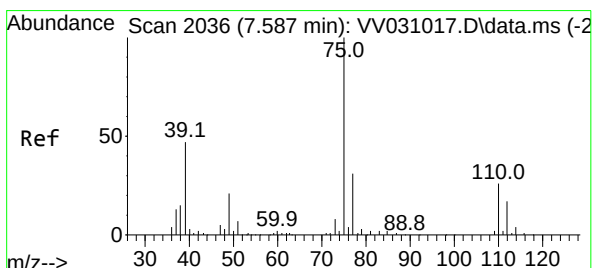
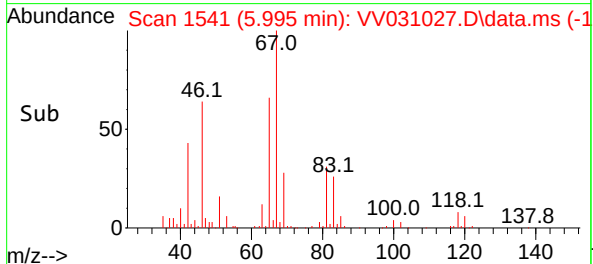
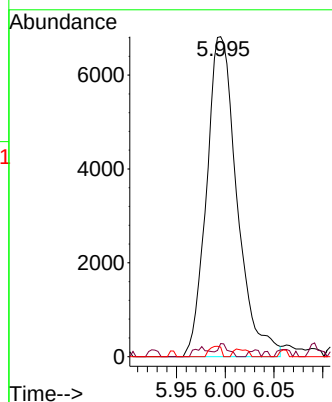
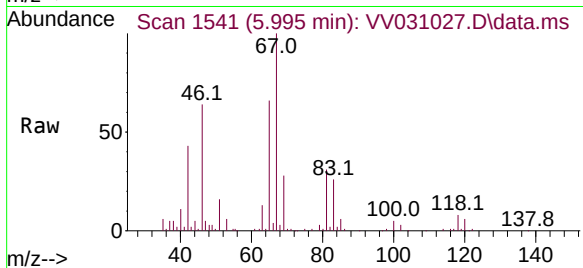
Tgt Ion: 83 Resp: 14793

Ion Ratio Lower Upper

83 100

55 1.4 62.9 94.3#

98 1.3 40.5 60.7#



#44

trans-1,3-Dichloropropene

Concen: 0.130 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.022 min

Lab File: VV031027.D

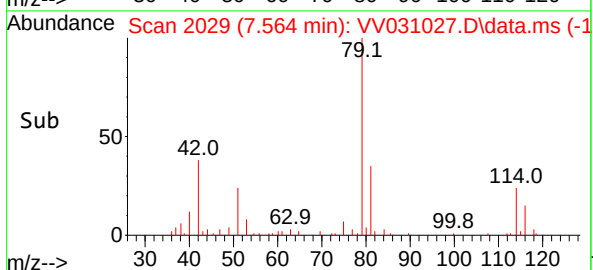
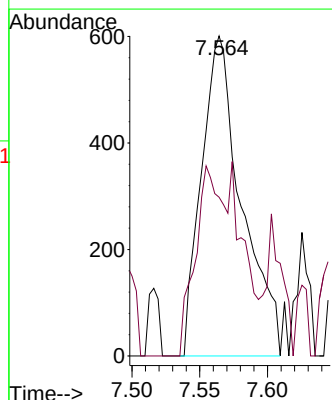
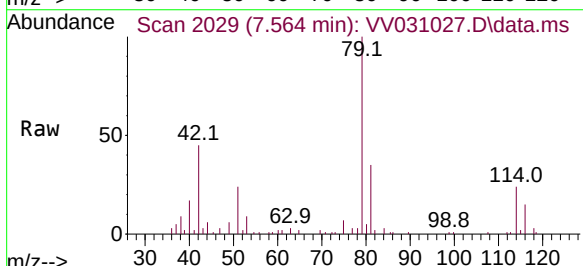
Acq: 15 May 2023 15:37

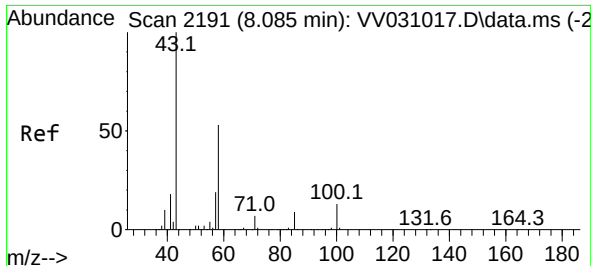
Tgt Ion: 75 Resp: 1241

Ion Ratio Lower Upper

75 100

77 49.6 21.6 40.0#

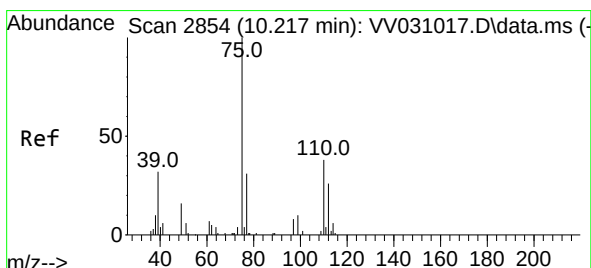
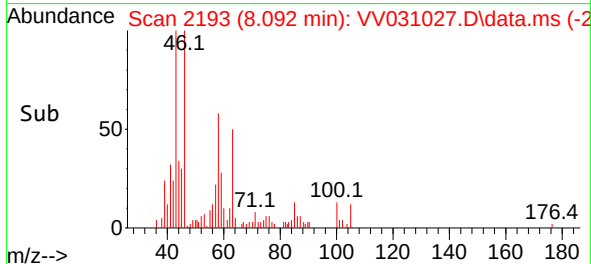
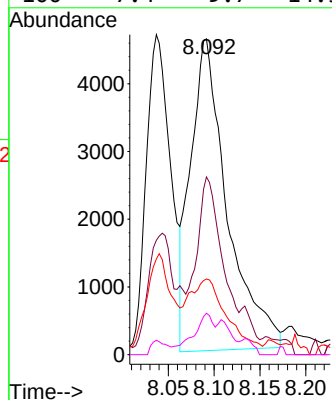
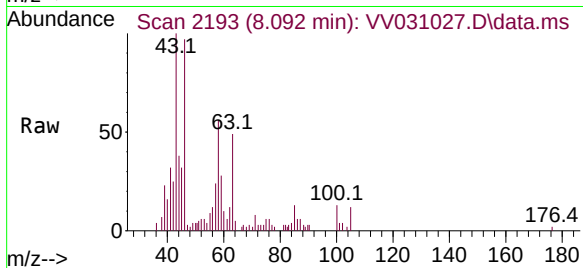




#48  
2-Hexanone  
Concen: 4.309 ug/L  
RT: 8.092 min Scan# 2191  
Delta R.T. 0.006 min  
Lab File: VV031027.D  
Acq: 15 May 2023 15:37

Instrument :  
MSVOA\_V  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 12809 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.1  | 39.9  | 59.9# |
| 57       | 26.4  | 14.1  | 21.1# |
| 100      | 7.4   | 9.7   | 14.5# |



#61  
1,2,3-Trichloropropane  
Concen: 1.734 ug/L  
RT: 11.194 min Scan# 3158  
Delta R.T. 0.978 min  
Lab File: VV031027.D  
Acq: 15 May 2023 15:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 6358  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 33.3  | 25.3  | 37.9  |
| 110      | 1.7   | 34.0  | 51.0# |

