

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031723\  
 Data File : VV030244.D  
 Acq On : 17 Mar 2023 19:34  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 17 23:01:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 17 22:49:08 2023  
 Response via : Initial Calibration

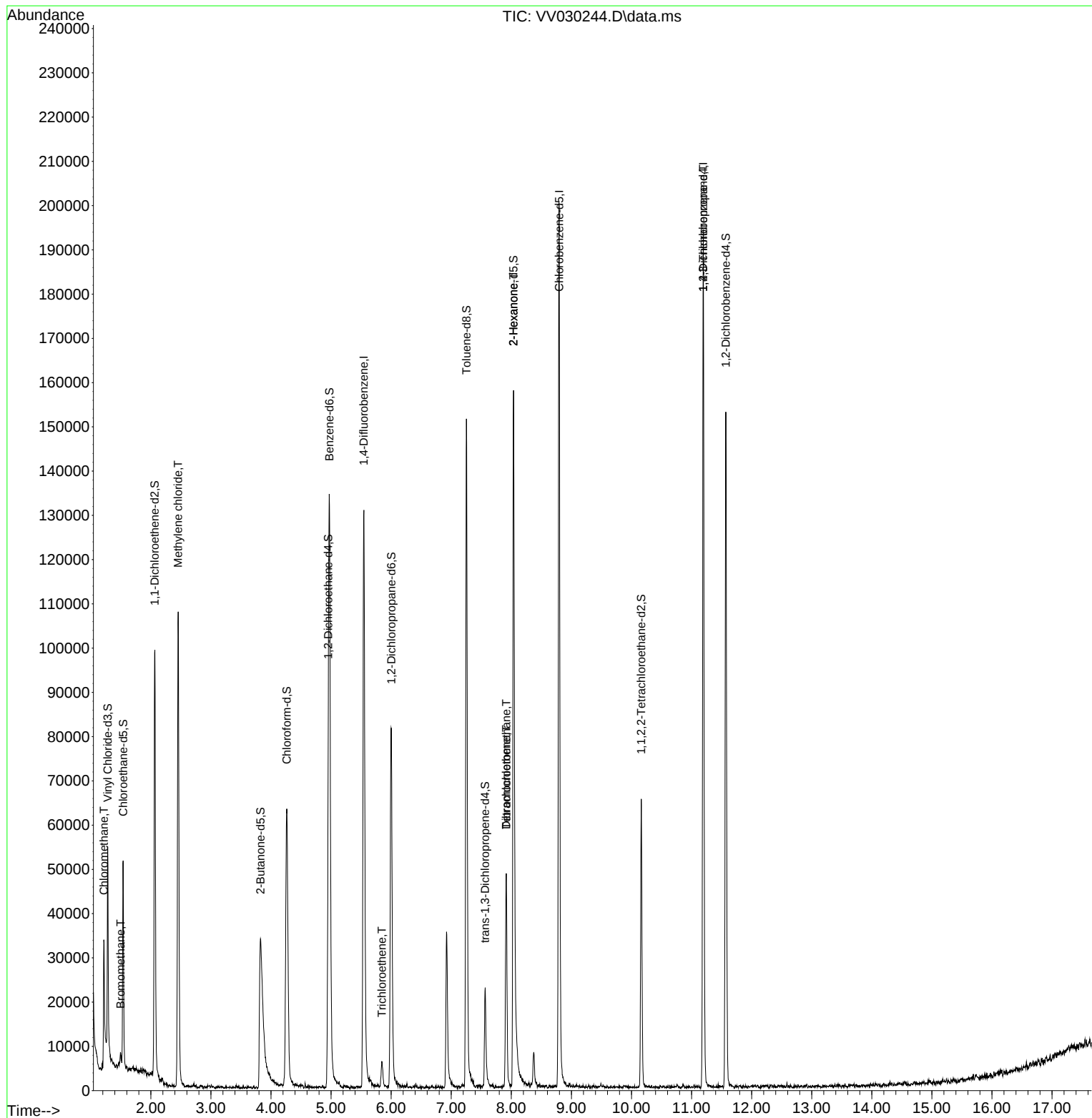
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.545  | 114            | 111440   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.796  | 117            | 108358   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152            | 51524    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.281  | 65             | 30643    | 4.250  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 85.000%  |          |
| 7) Chloroethane-d5            | 1.539  | 69             | 29113    | 4.301  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 86.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.066  | 63             | 51582    | 3.480  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 69.600%  |          |
| 20) 2-Butanone-d5             | 3.825  | 46             | 75695    | 56.937 | ug/L     | 0.01     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 113.880% |          |
| 24) Chloroform-d              | 4.262  | 84             | 67826    | 4.605  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 92.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.953  | 65             | 34132    | 5.676  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 113.600% |          |
| 32) Benzene-d6                | 4.973  | 84             | 117874   | 4.043  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 80.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.001  | 67             | 37483    | 4.273  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 85.400%  |          |
| 41) Toluene-d8                | 7.252  | 98             | 101190   | 3.661  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 73.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79             | 12757    | 4.251  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 85.000%  |          |
| 46) 2-Hexanone-d5             | 8.037  | 63             | 58355    | 47.001 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 94.000%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84             | 28453    | 4.560  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 91.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.570 | 152            | 39032    | 4.477  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 89.600%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 3) Chloromethane              | 1.217  | 50             | 31997    | 2.239  | ug/L     | 98       |
| 6) Bromomethane               | 1.497  | 94             | 1555     | 0.912  | ug/L     | 85       |
| 16) Methylene chloride        | 2.455  | 84             | 43274    | 4.736  | ug/L     | 90       |
| 34) Trichloroethene           | 5.847  | 95             | 1803     | 0.217  | ug/L     | 92       |
| 47) Tetrachloroethene         | 7.915  | 164            | 10319    | 1.450  | ug/L     | 91       |
| 48) 2-Hexanone                | 8.037  | 43             | 6793     | 3.054  | ug/L #   | 64       |
| 49) Dibromochloromethane      | 7.915  | 129            | 10312    | 1.636  | ug/L #   | 10       |
| 61) 1,2,3-Trichloropropane    | 11.194 | 75             | 5801     | 1.682  | ug/L #   | 62       |

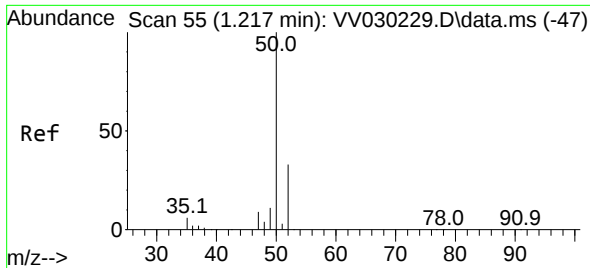
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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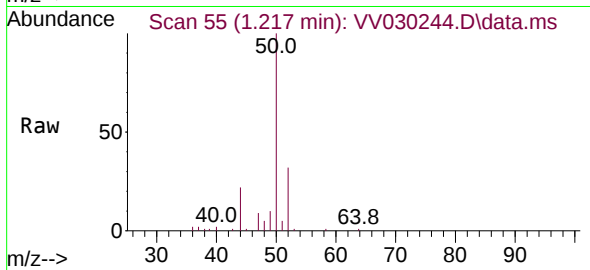
Quant Time: Mar 17 23:01:21 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022323WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Mar 17 22:49:08 2023  
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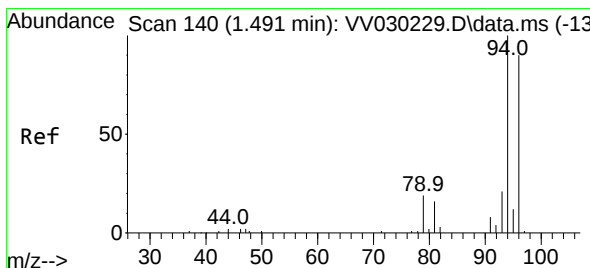
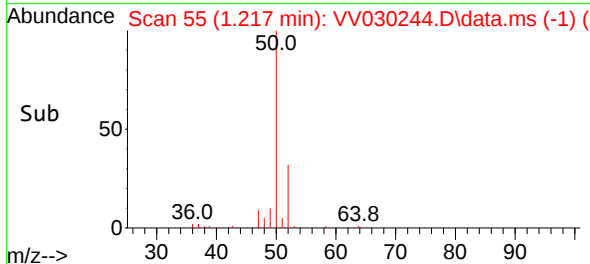
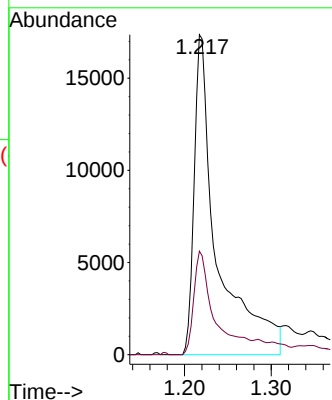


#3  
Chloromethane  
Concen: 2.239 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VV030244.D  
Acq: 17 Mar 2023 19:34

Instrument :  
MSVOA\_V  
ClientSampleId :

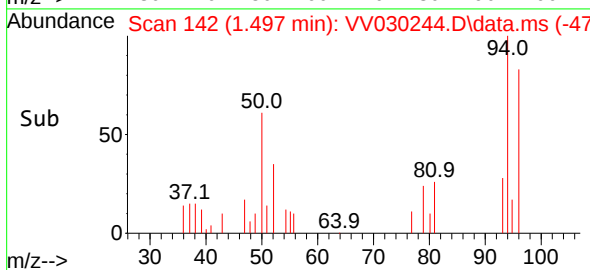
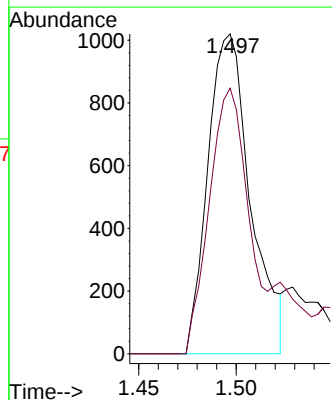
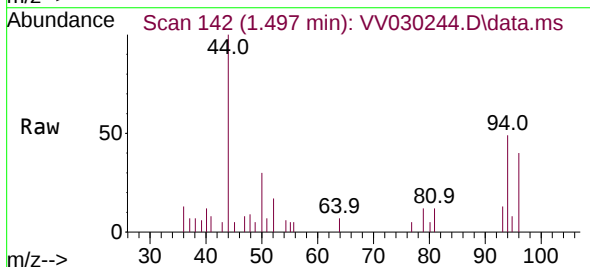


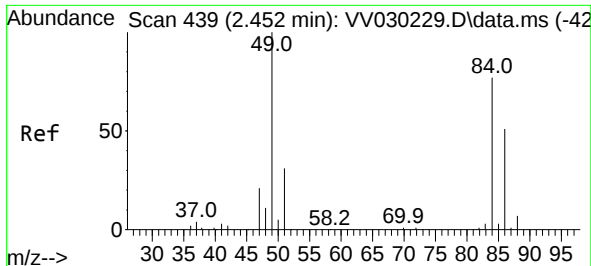
Tgt Ion: 50 Resp: 31997  
Ion Ratio Lower Upper  
50 100  
52 32.4 23.6 43.8



#6  
Bromomethane  
Concen: 0.912 ug/L  
RT: 1.497 min Scan# 142  
Delta R.T. 0.006 min  
Lab File: VV030244.D  
Acq: 17 Mar 2023 19:34

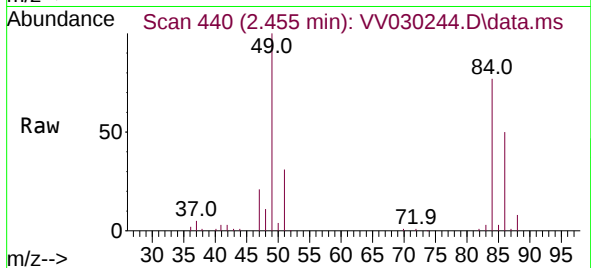
Tgt Ion: 94 Resp: 1555  
Ion Ratio Lower Upper  
94 100  
96 83.0 68.4 127.0





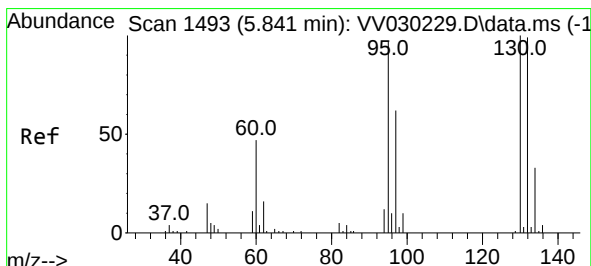
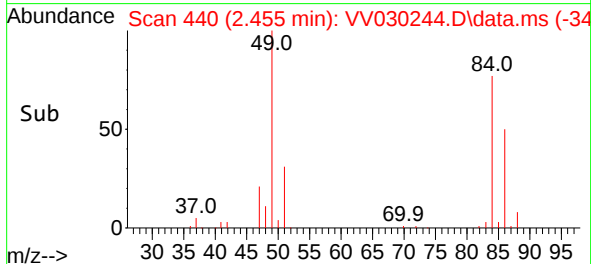
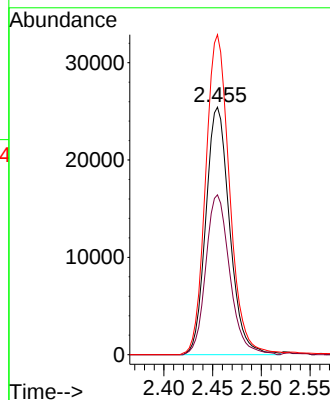
#16  
Methylene chloride  
Concen: 4.736 ug/L  
RT: 2.455 min Scan# 440  
Delta R.T. 0.003 min  
Lab File: VV030244.D  
Acq: 17 Mar 2023 19:34

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion: 84 Resp: 43274

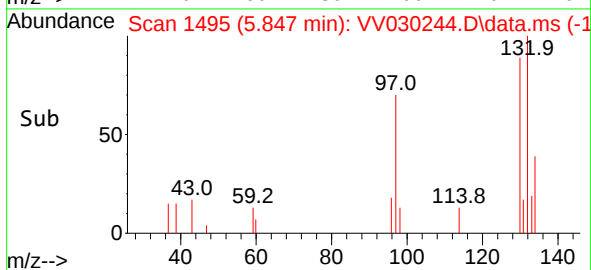
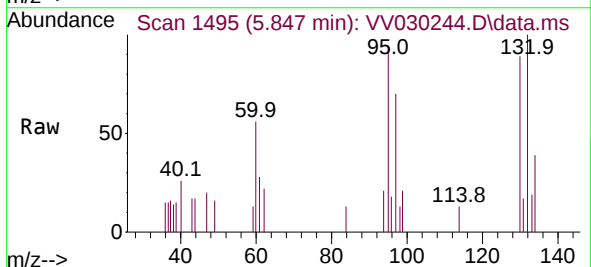
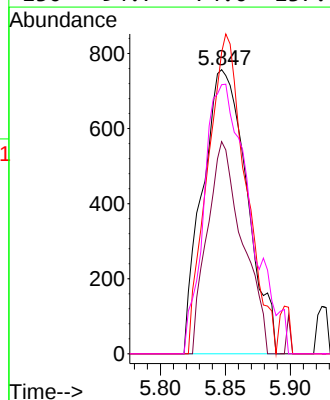
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 64.6  | 44.7  | 83.1  |
| 49  | 129.3 | 78.8  | 146.3 |

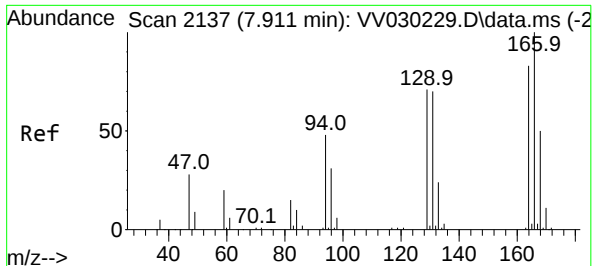


#34  
Trichloroethene  
Concen: 0.217 ug/L  
RT: 5.847 min Scan# 1495  
Delta R.T. 0.006 min  
Lab File: VV030244.D  
Acq: 17 Mar 2023 19:34

Tgt Ion: 95 Resp: 1803

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 74.6  | 46.5  | 86.5  |
| 132 | 106.1 | 71.7  | 133.3 |
| 130 | 94.7  | 74.0  | 137.4 |





#47

Tetrachloroethene

Concen: 1.450 ug/L

RT: 7.915 min Scan# 2137

Delta R.T. 0.003 min

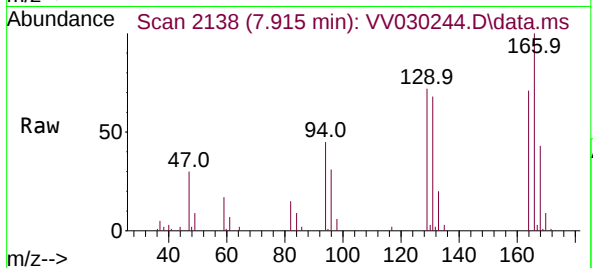
Lab File: VV030244.D

Acq: 17 Mar 2023 19:34

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion:164 Resp: 10319

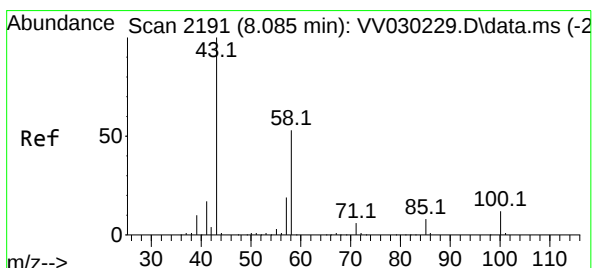
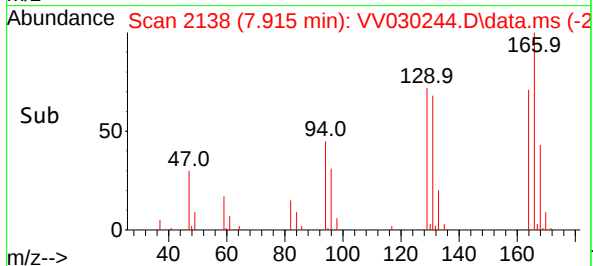
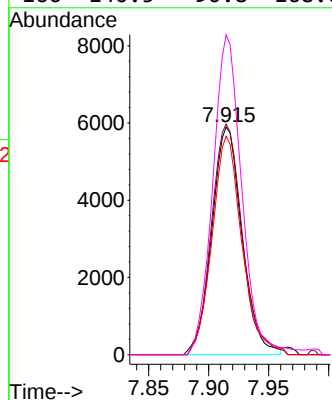
Ion Ratio Lower Upper

164 100

129 101.2 63.6 118.2

131 95.9 61.7 114.7

166 140.5 90.8 168.6



#48

2-Hexanone

Concen: 3.054 ug/L

RT: 8.037 min Scan# 2176

Delta R.T. -0.048 min

Lab File: VV030244.D

Acq: 17 Mar 2023 19:34

Tgt Ion: 43 Resp: 6793

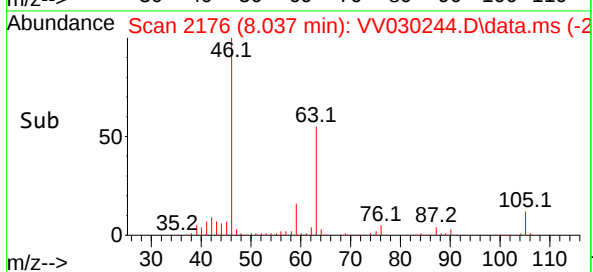
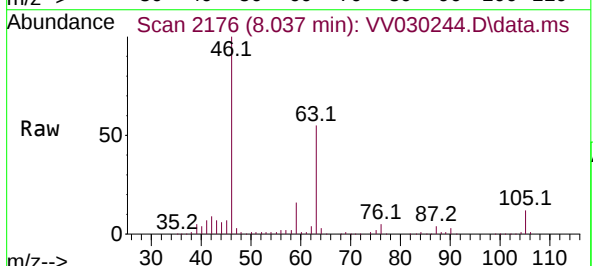
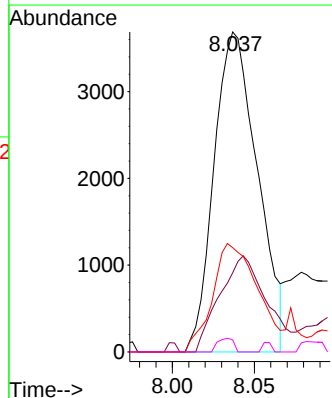
Ion Ratio Lower Upper

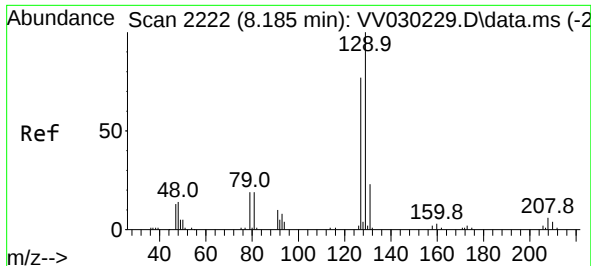
43 100

58 32.2 49.8 74.8#

57 35.1 16.6 24.8#

100 1.6 11.5 17.3#





#49

Dibromochloromethane

Concen: 1.636 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030244.D

Acq: 17 Mar 2023 19:34

Instrument :

MSVOA\_V

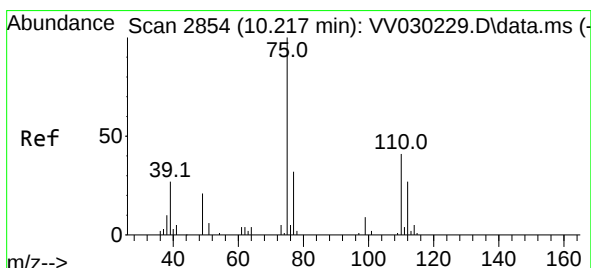
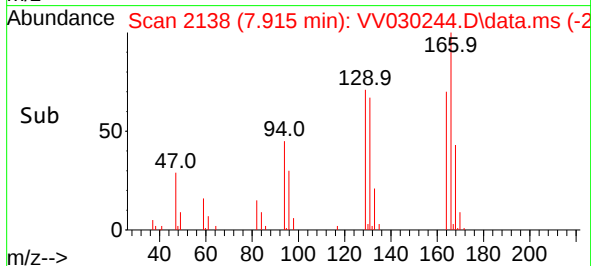
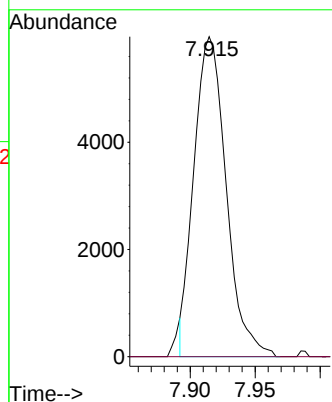
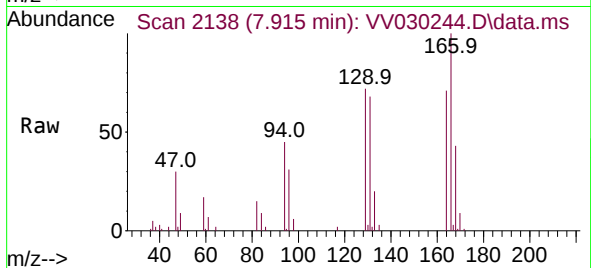
ClientSampleId :

Tgt Ion:129 Resp: 10312

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.682 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030244.D

Acq: 17 Mar 2023 19:34

Tgt Ion: 75 Resp: 5801

Ion Ratio Lower Upper

75 100

77 36.8 26.5 39.7

110 0.3 31.8 47.6#

