

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW112321\  
 Data File : VW023679.D  
 Acq On : 23 Nov 2021 18:31  
 Operator : SY/MD  
 Sample : M4723-09  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0G24

Quant Time: Nov 24 05:00:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 24 04:42:45 2021  
 Response via : Initial Calibration

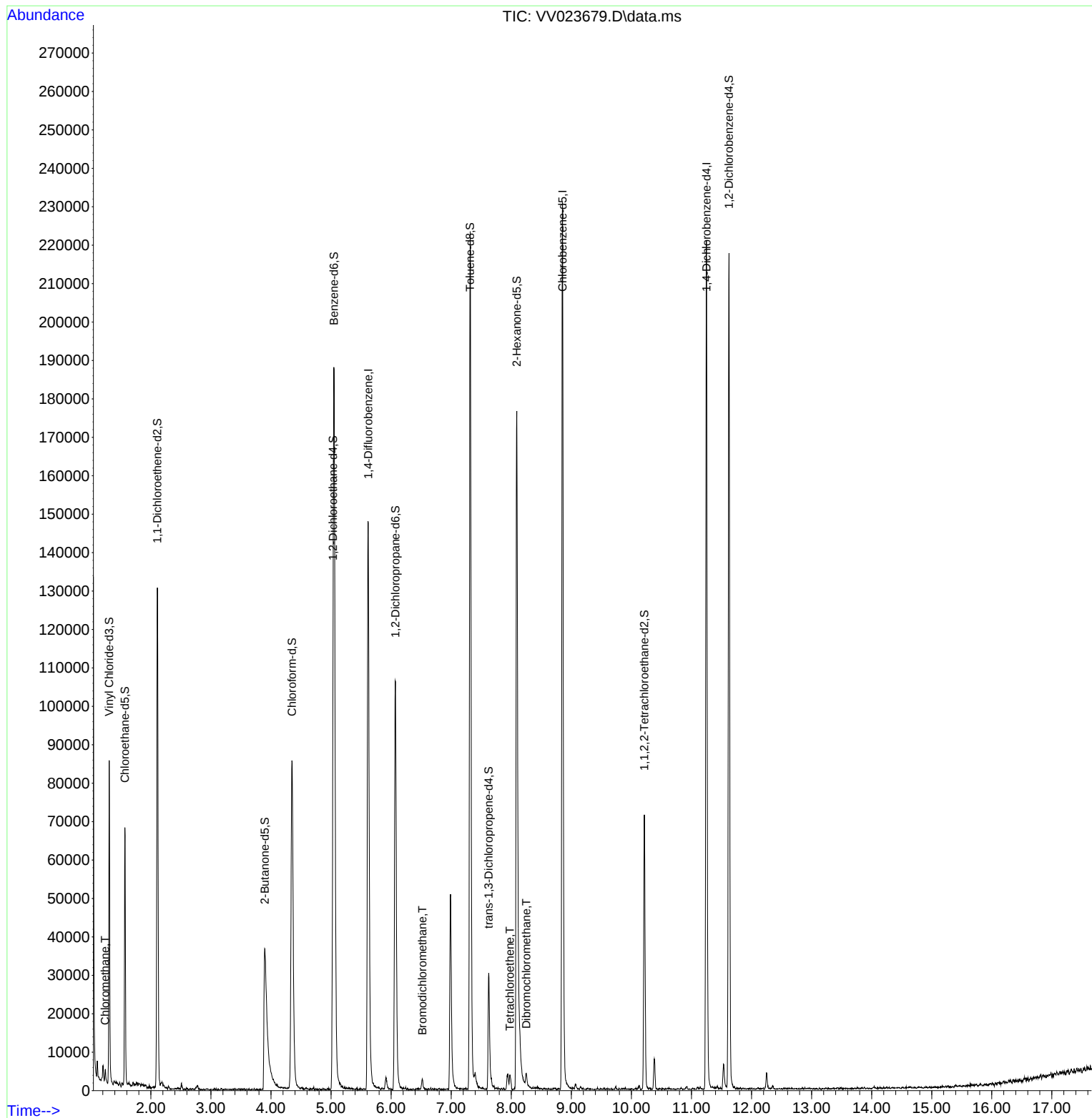
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 134011   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117            | 131838   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 61142    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 49349    | 4.486  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 89.800%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 39785    | 4.601  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 92.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 68137    | 3.514  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 70.200%  |          |
| 20) 2-Butanone-d5             | 3.895  | 46             | 83928    | 63.461 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 126.920% |          |
| 24) Chloroform-d              | 4.349  | 84             | 90568    | 4.728  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 42972    | 4.802  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 96.000%  |          |
| 32) Benzene-d6                | 5.050  | 84             | 174318   | 4.854  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67             | 49196    | 4.886  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 97.800%  |          |
| 41) Toluene-d8                | 7.316  | 98             | 150148   | 4.475  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 89.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 18257    | 4.499  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 90.000%  |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 61157    | 45.356 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 90.720%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 32943    | 4.547  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 91.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 56364    | 5.214  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 104.200% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
| 3) Chloromethane              | 1.240  | 50             | 1766     | 0.160  | ug/L #   | 74       |
| 38) Bromodichloromethane      | 6.522  | 83             | 1735     | 0.143  | ug/L #   | 80       |
| 47) Tetrachloroethene         | 7.979  | 164            | 999      | 0.109  | ug/L     | 96       |
| 49) Dibromochloromethane      | 8.249  | 129            | 1955     | 0.231  | ug/L     | 97       |
| -----                         |        |                |          |        |          |          |

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

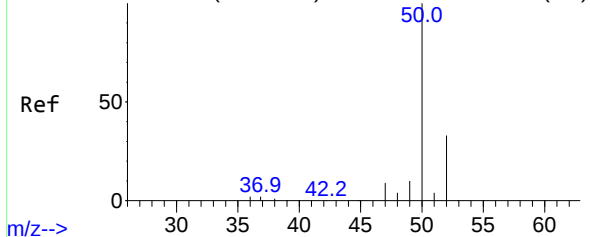
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV112321\  
Data File : VV023679.D  
Acq On : 23 Nov 2021 18:31  
Operator : SY/MD  
Sample : M4723-09  
Misc : 25.0mL/MSVOA\_V/WATER  
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Instrument :  
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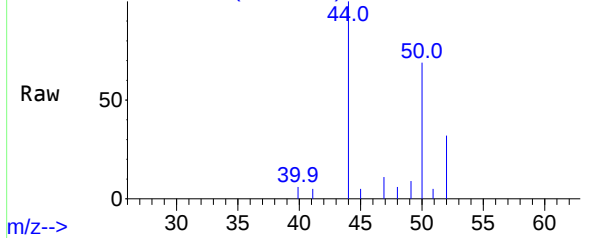
Quant Time: Nov 24 05:00:46 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112321WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Nov 24 04:42:45 2021  
Response via : Initial Calibration



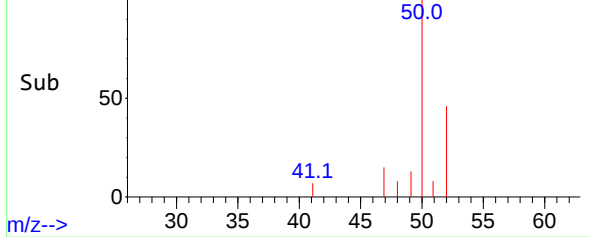
Abundance Scan 62 (1.240 min): VV023669.D\data.ms (-53)



Abundance Scan 62 (1.240 min): VV023679.D\data.ms



Abundance Scan 62 (1.240 min): VV023679.D\data.ms (-1)



#3

Chloromethane

Concen: 0.160 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV023679.D

Acq: 23 Nov 2021 18:31

Instrument :

MSVOA\_V

ClientSampleId :

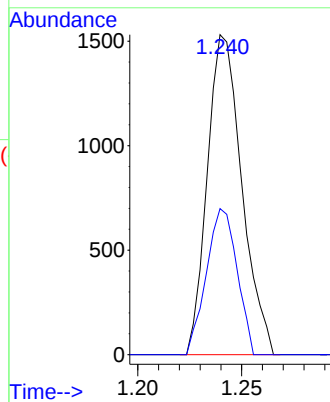
C0G24

Tgt Ion: 50 Resp: 1766

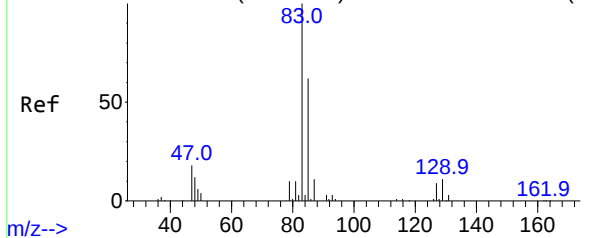
Ion Ratio Lower Upper

50 100

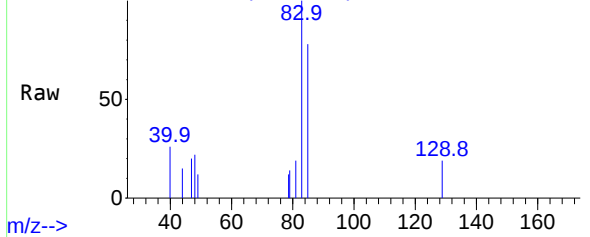
52 45.7 22.0 41.0#



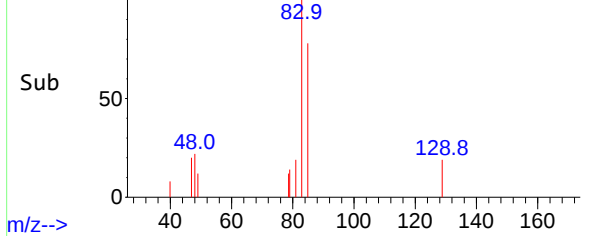
Abundance Scan 1701 (6.510 min): VV023669.D\data.ms (-1)



Abundance Scan 1705 (6.522 min): VV023679.D\data.ms



Abundance Scan 1705 (6.522 min): VV023679.D\data.ms (-1)



#38

Bromodichloromethane

Concen: 0.143 ug/L

RT: 6.522 min Scan# 1705

Delta R.T. 0.013 min

Lab File: VV023679.D

Acq: 23 Nov 2021 18:31

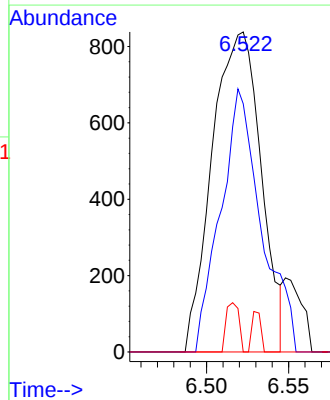
Tgt Ion: 83 Resp: 1735

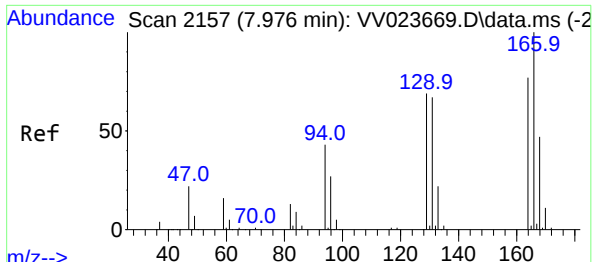
Ion Ratio Lower Upper

83 100

85 77.6 44.0 81.8

127 0.0 8.6 12.8#



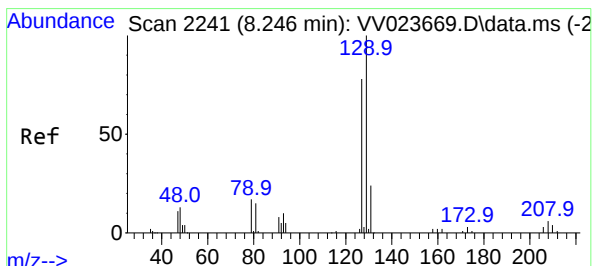
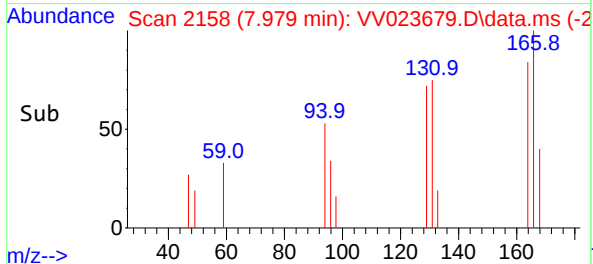
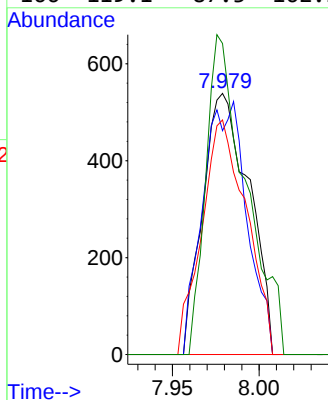
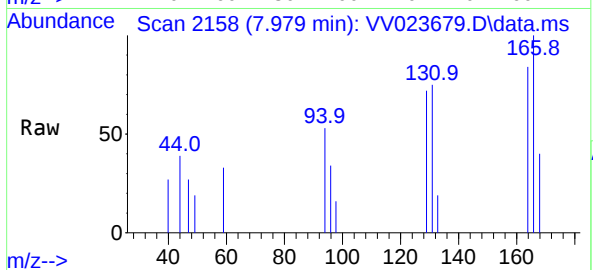


#47  
Tetrachloroethene  
Concen: 0.109 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.003 min  
Lab File: VV023679.D  
Acq: 23 Nov 2021 18:31

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0G24

Tgt Ion:164 Resp: 999

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 85.7  | 62.6  | 116.2 |
| 131 | 89.8  | 61.0  | 113.4 |
| 166 | 119.1 | 87.3  | 162.1 |



#49  
Dibromochloromethane  
Concen: 0.231 ug/L  
RT: 8.249 min Scan# 2242  
Delta R.T. 0.003 min  
Lab File: VV023679.D  
Acq: 23 Nov 2021 18:31

Tgt Ion:129 Resp: 1955

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 79.2  | 53.5  | 99.3  |

