

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041224\  
 Data File : VV035183.D  
 Acq On : 12 Apr 2024 19:03  
 Operator : SY/MD  
 Sample : P2057-10DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 13 03:46:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Apr 13 03:40:41 2024  
 Response via : Initial Calibration

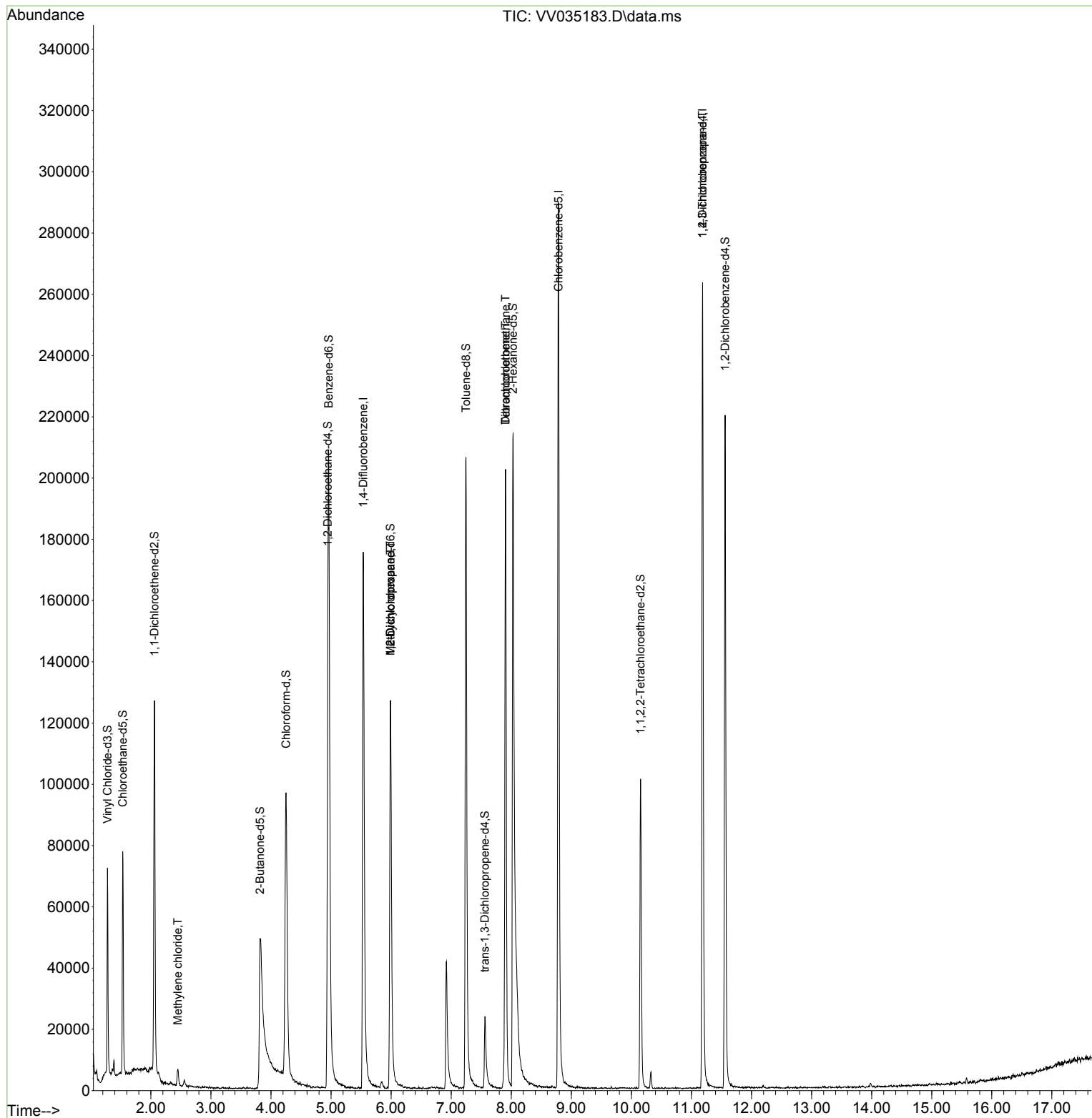
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114            | 159036   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117            | 164798   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152            | 70752    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 42732    | 3.260  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 65.200%  |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 46911    | 4.341  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 86.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65             | 20269    | 3.405  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 68.000%  |          |
| 20) 2-Butanone-d5             | 3.818  | 46             | 89781    | 43.780 | ug/L     | -0.01    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 87.560%  |          |
| 24) Chloroform-d              | 4.249  | 84             | 104734   | 4.938  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 98.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65             | 54804    | 5.722  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 114.400% |          |
| 32) Benzene-d6                | 4.960  | 84             | 192516   | 4.466  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67             | 65950    | 5.212  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 104.200% |          |
| 41) Toluene-d8                | 7.246  | 98             | 149109   | 3.808  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 76.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 16254    | 3.616  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 72.400%  |          |
| 46) 2-Hexanone-d5             | 8.027  | 63             | 99695    | 64.628 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 129.260% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152 | 84             | 52626    | 5.961  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 119.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152            | 59557    | 5.344  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 106.800% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 16) Methylene chloride        | 2.449  | 84             | 2308     | 0.174  | ug/L     | 94       |
| 35) Methylcyclohexane         | 5.989  | 83             | 15142    | 0.756  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 5.989  | 63             | 7200     | 0.550  | ug/L #   | 87       |
| 47) Tetrachloroethene         | 7.905  | 164            | 46429    | 4.701  | ug/L     | 99       |
| 49) Dibromochloromethane      | 7.905  | 129            | 41294    | 4.082  | ug/L #   | 9        |
| 61) 1,2,3-Trichloropropane    | 11.185 | 75             | 9171     | 1.388  | ug/L #   | 66       |
| -----                         |        |                |          |        |          |          |

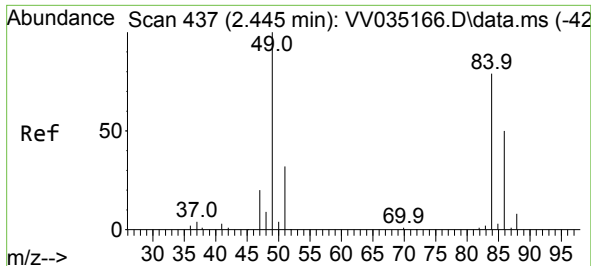
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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MSVOA\_V  
ClientSampleId :

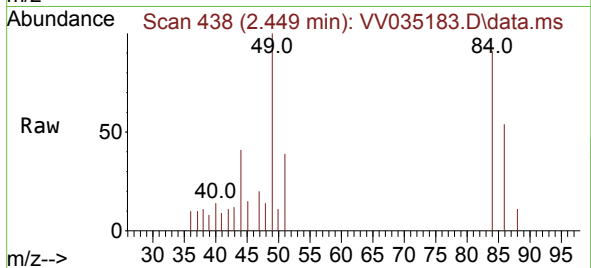
Quant Time: Apr 13 03:46:12 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040224WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Apr 13 03:40:41 2024  
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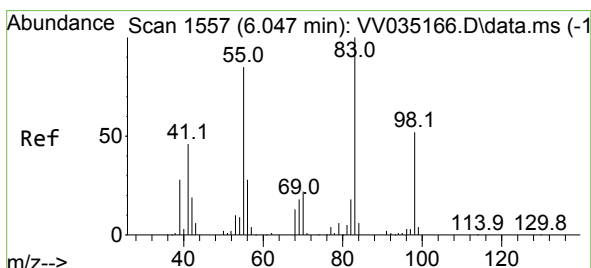
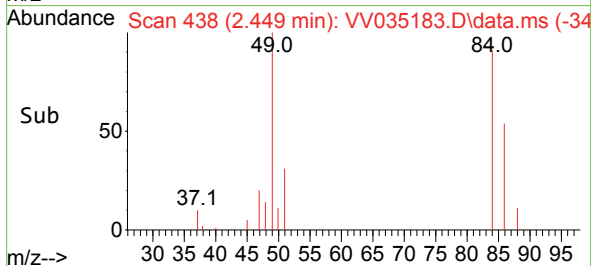
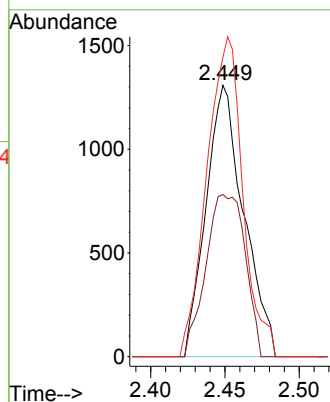
#16  
Methylene chloride  
Concen: 0.174 ug/L  
RT: 2.449 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV035183.D  
Acq: 12 Apr 2024 19:03

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion: 84 Resp: 2308

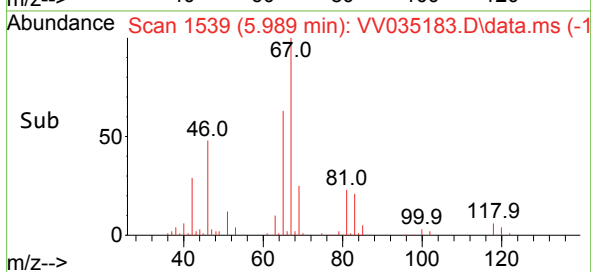
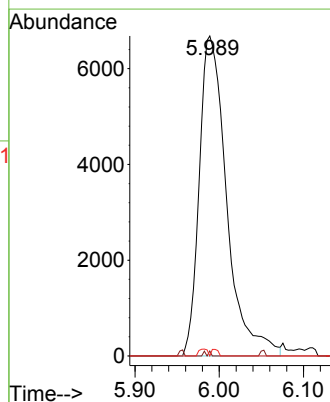
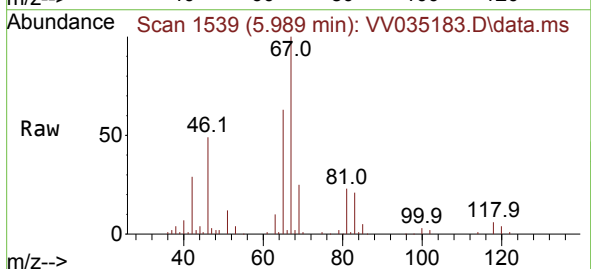
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 59.7  | 43.5  | 80.9  |
| 49  | 110.3 | 82.5  | 153.3 |

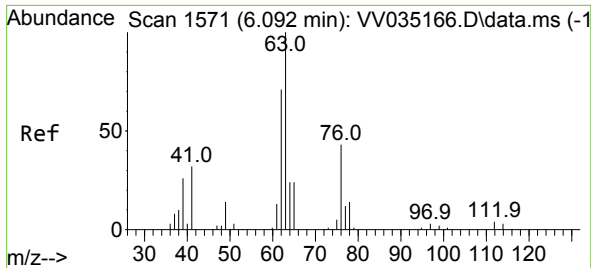


#35  
Methylcyclohexane  
Concen: 0.756 ug/L  
RT: 5.989 min Scan# 1539  
Delta R.T. -0.058 min  
Lab File: VV035183.D  
Acq: 12 Apr 2024 19:03

Tgt Ion: 83 Resp: 15142

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.3   | 60.6  | 91.0# |
| 98  | 0.5   | 37.8  | 56.6# |

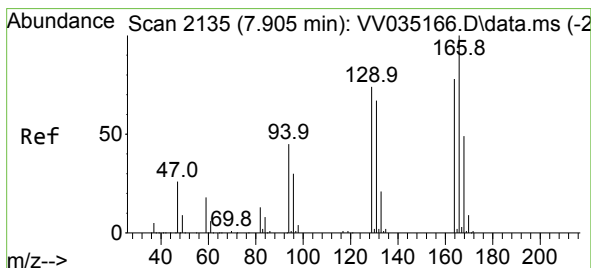
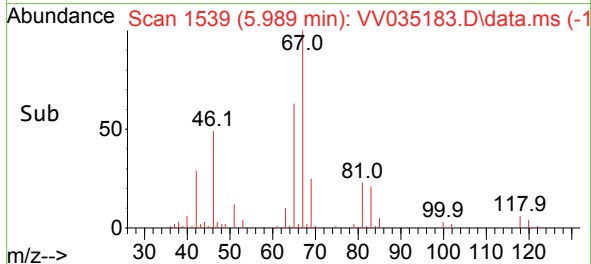
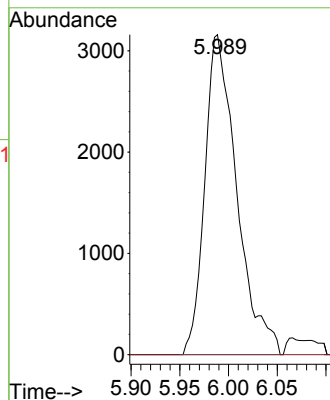
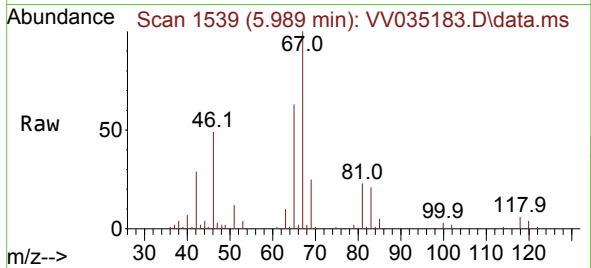




#37  
1,2-Dichloropropane  
Concen: 0.550 ug/L  
RT: 5.989 min Scan# 11  
Delta R.T. -0.103 min  
Lab File: VV035183.D  
Acq: 12 Apr 2024 19:03

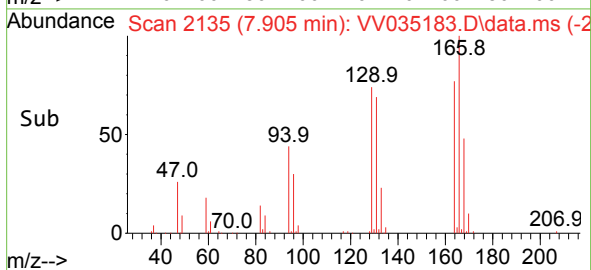
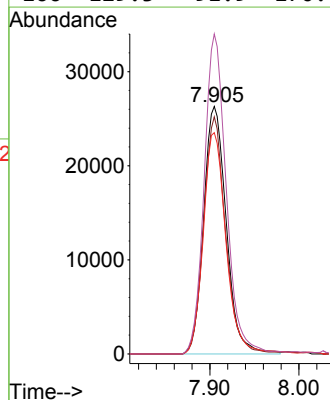
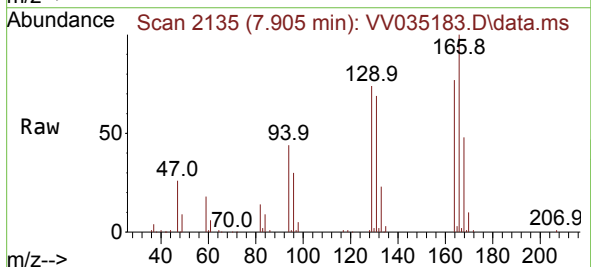
Instrument :  
MSVOA\_V  
ClientSampleId :

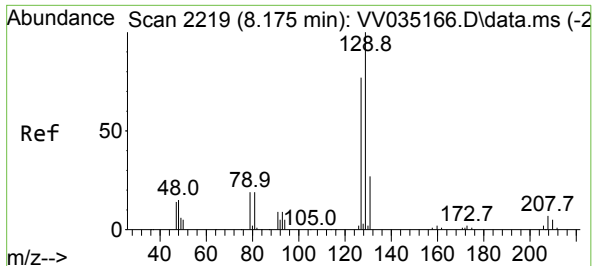
Tgt Ion: 63 Resp: 7200  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.5 5.3#



#47  
Tetrachloroethene  
Concen: 4.701 ug/L  
RT: 7.905 min Scan# 2135  
Delta R.T. 0.000 min  
Lab File: VV035183.D  
Acq: 12 Apr 2024 19:03

Tgt Ion: 164 Resp: 46429  
Ion Ratio Lower Upper  
164 100  
129 95.8 66.0 122.6  
131 89.4 63.0 117.0  
166 129.3 91.9 170.7





#49

Dibromochloromethane

Concen: 4.082 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV035183.D

Acq: 12 Apr 2024 19:03

Instrument :

MSVOA\_V

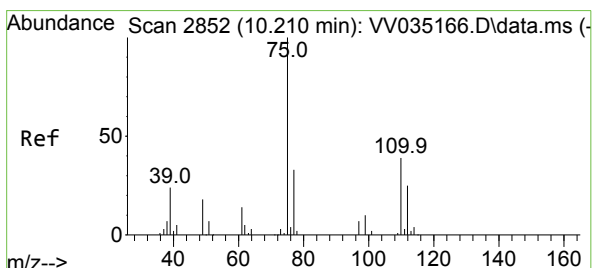
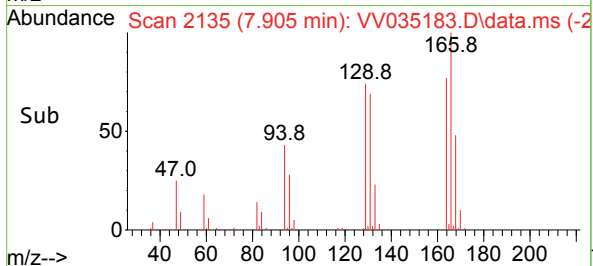
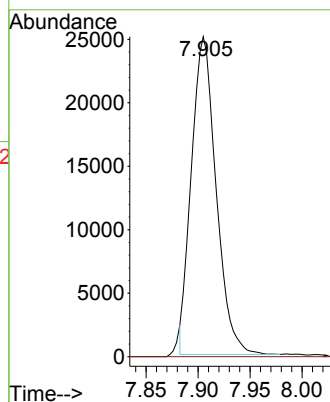
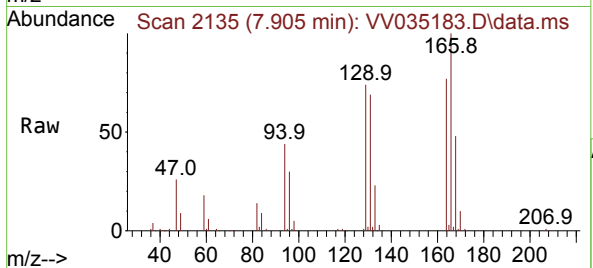
ClientSampleId :

Tgt Ion:129 Resp: 41294

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 1.388 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV035183.D

Acq: 12 Apr 2024 19:03

Tgt Ion: 75 Resp: 9171

Ion Ratio Lower Upper

75 100

77 30.1 24.8 37.2

110 2.5 31.0 46.6#

