

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV012524\  
 Data File : VV033864.D  
 Acq On : 25 Jan 2024 12:39  
 Operator : SY/MD  
 Sample : VV0125WBL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jan 25 21:19:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 25 21:12:54 2024  
 Response via : Initial Calibration

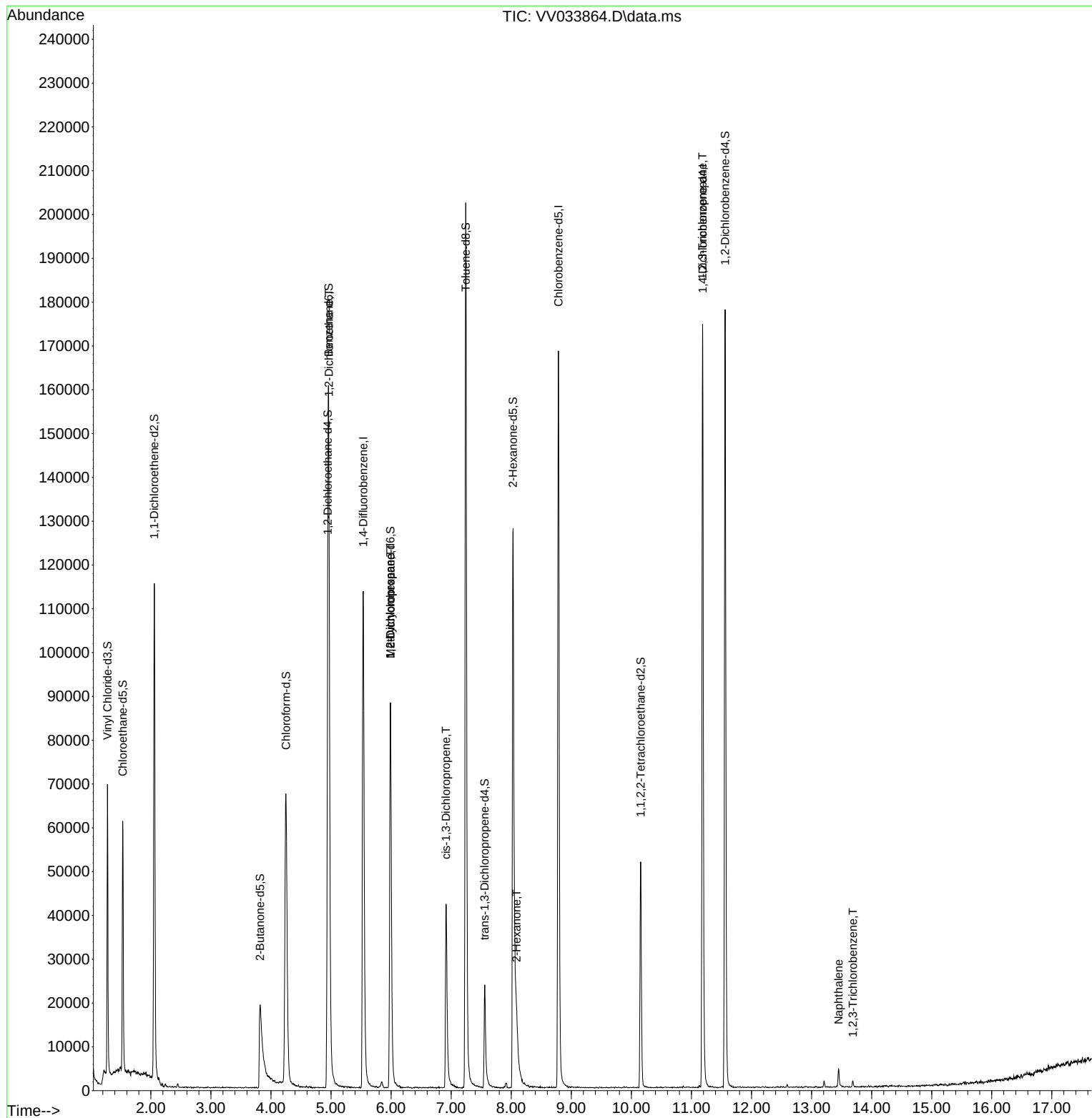
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114            | 100909   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117            | 92393    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152            | 45294    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 39618    | 5.069  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 101.400% |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 35110    | 5.129  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 102.600% |          |
| 11) 1,1-Dichloroethene-d2     | 2.057  | 65             | 19566    | 5.191  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 103.800% |          |
| 20) 2-Butanone-d5             | 3.818  | 46             | 48212    | 36.732 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 73.460%  |          |
| 24) Chloroform-d              | 4.249  | 84             | 73087    | 5.147  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 103.000% |          |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65             | 35088    | 5.287  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 105.800% |          |
| 32) Benzene-d6                | 4.960  | 84             | 147443   | 5.319  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 106.400% |          |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67             | 42248    | 5.452  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 109.000% |          |
| 41) Toluene-d8                | 7.243  | 98             | 135935   | 5.336  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 106.800% |          |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79             | 15260    | 5.216  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 104.400% |          |
| 46) 2-Hexanone-d5             | 8.027  | 63             | 52702    | 50.458 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 100.920% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84             | 25047    | 5.332  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 106.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152            | 44380    | 5.388  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 107.800% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 27) 1,2-Dichloroethane        | 4.963  | 62             | 939      | 0.123  | ug/L #   | 76       |
| 35) Methylcyclohexane         | 5.989  | 83             | 10555    | 0.838  | ug/L #   | 17       |
| 37) 1,2-Dichloropropane       | 5.989  | 63             | 4997     | 0.744  | ug/L #   | 87       |
| 39) cis-1,3-Dichloropropene   | 6.915  | 75             | 1342     | 0.131  | ug/L #   | 61       |
| 48) 2-Hexanone                | 8.088  | 43             | 6088     | 2.687  | ug/L #   | 84       |
| 61) 1,2,3-Trichloropropane    | 11.185 | 75             | 5588     | 1.795  | ug/L #   | 63       |
| 71) Naphthalene               | 13.452 | 128            | 4081     | 0.353  | ug/L     | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.690 | 180            | 705      | 0.100  | ug/L #   | 89       |
| -----                         |        |                |          |        |          |          |

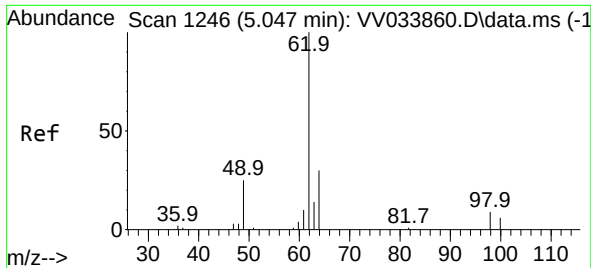
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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MSVOA\_V  
ClientSampleId :

Quant Time: Jan 25 21:19:14 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Jan 25 21:12:54 2024  
Response via : Initial Calibration

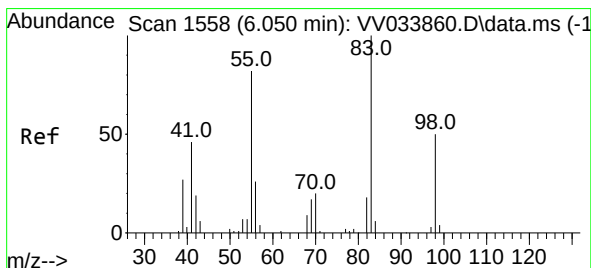
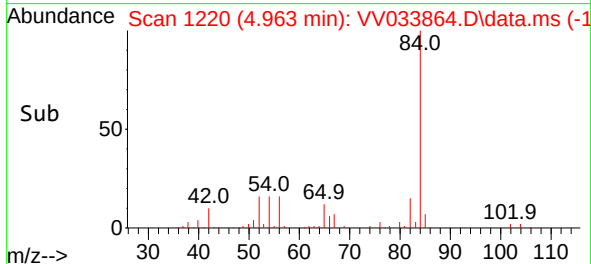
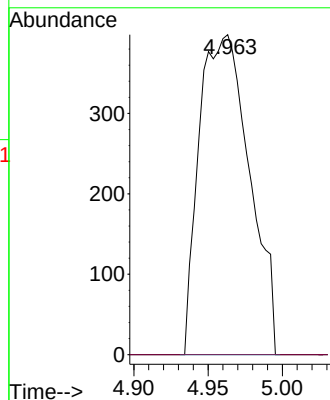
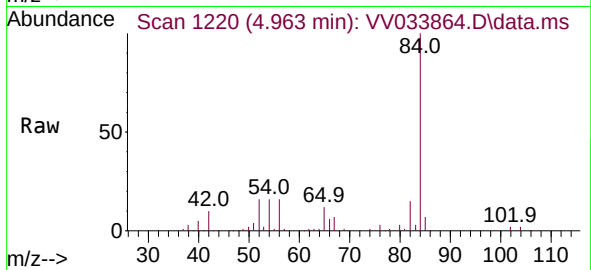




#27  
1,2-Dichloroethane  
Concen: 0.123 ug/L  
RT: 4.963 min Scan# 11  
Delta R.T. -0.084 min  
Lab File: VV033864.D  
Acq: 25 Jan 2024 12:39

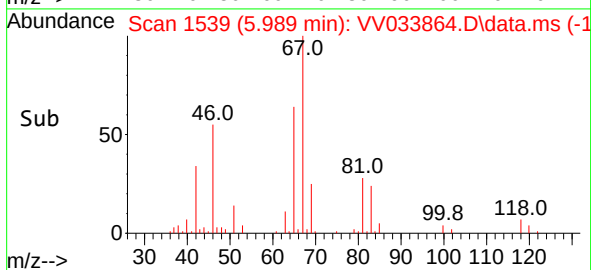
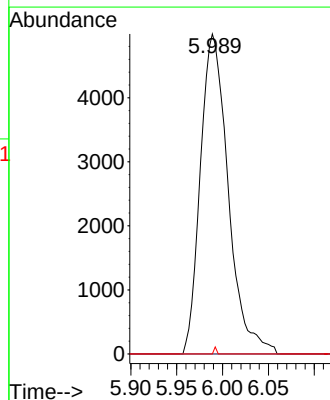
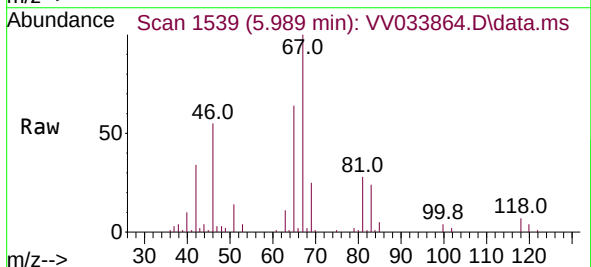
Instrument :  
MSVOA\_V  
ClientSampleId :

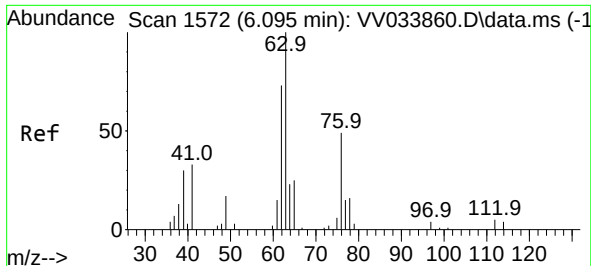
Tgt Ion: 62 Resp: 939  
Ion Ratio Lower Upper  
62 100  
98 0.0 6.9 10.3#



#35  
Methylcyclohexane  
Concen: 0.838 ug/L  
RT: 5.989 min Scan# 1539  
Delta R.T. -0.061 min  
Lab File: VV033864.D  
Acq: 25 Jan 2024 12:39

Tgt Ion: 83 Resp: 10555  
Ion Ratio Lower Upper  
83 100  
55 0.0 63.5 95.3#  
98 0.2 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.744 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV033864.D

Acq: 25 Jan 2024 12:39

Instrument :

MSVOA\_V

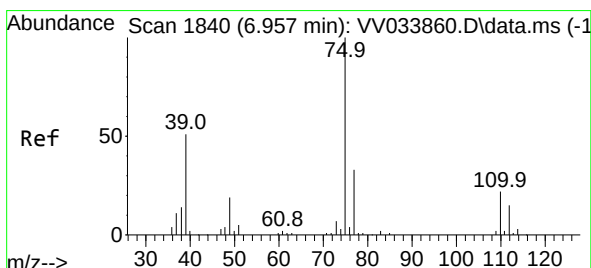
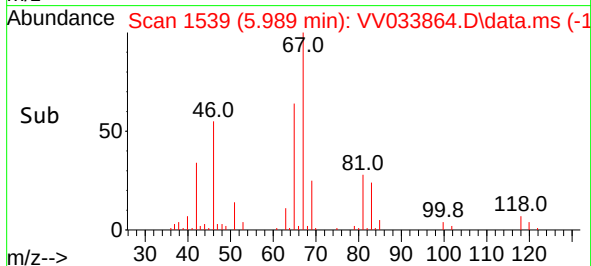
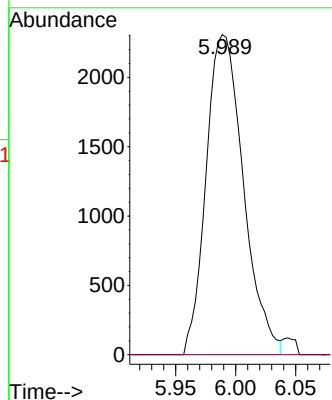
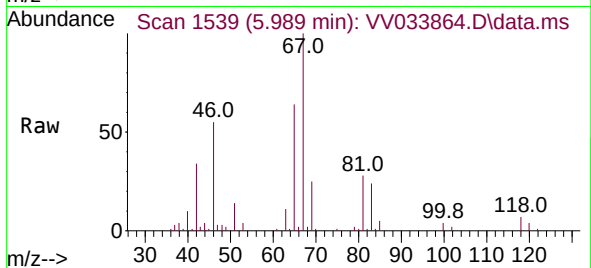
ClientSampleId :

Tgt Ion: 63 Resp: 4997

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 0.131 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.042 min

Lab File: VV033864.D

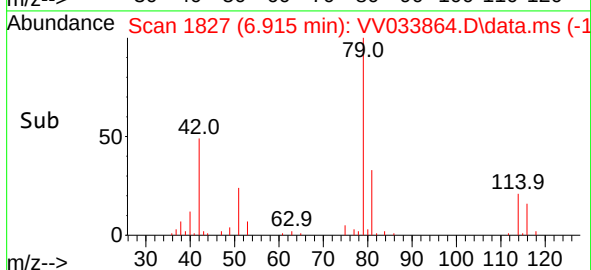
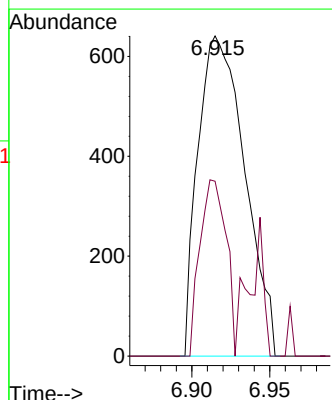
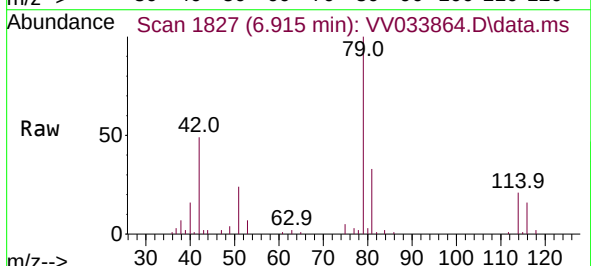
Acq: 25 Jan 2024 12:39

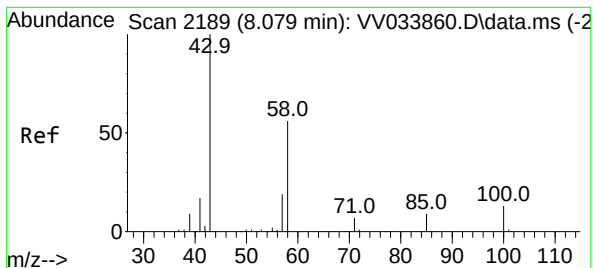
Tgt Ion: 75 Resp: 1342

Ion Ratio Lower Upper

75 100

77 54.6 22.9 42.5#





#48

2-Hexanone

Concen: 2.687 ug/L

RT: 8.088 min Scan# 2189

Delta R.T. 0.010 min

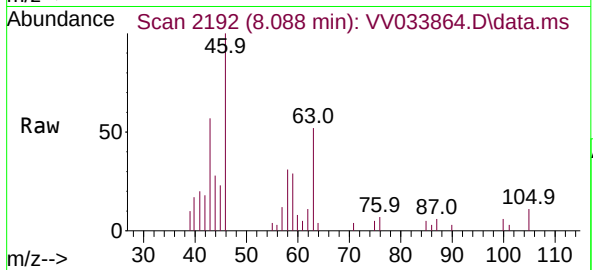
Lab File: VV033864.D

Acq: 25 Jan 2024 12:39

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 43 Resp: 6088

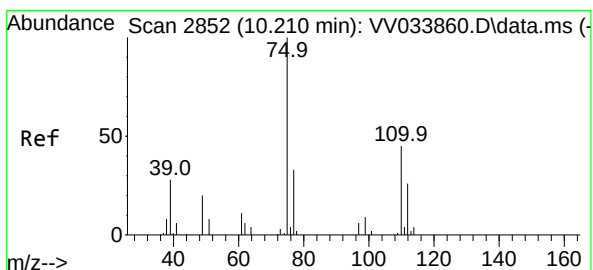
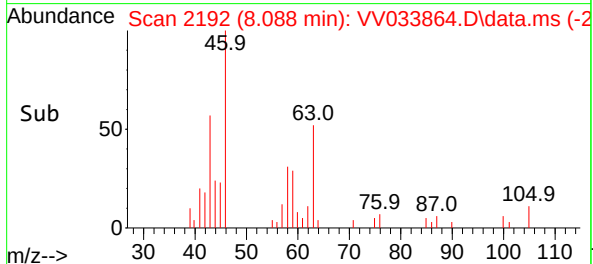
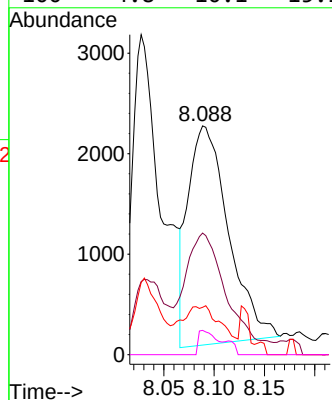
Ion Ratio Lower Upper

43 100

58 58.5 42.6 64.0

57 2.7 15.5 23.3#

100 4.8 10.1 15.1#



#61

1,2,3-Trichloropropane

Concen: 1.795 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV033864.D

Acq: 25 Jan 2024 12:39

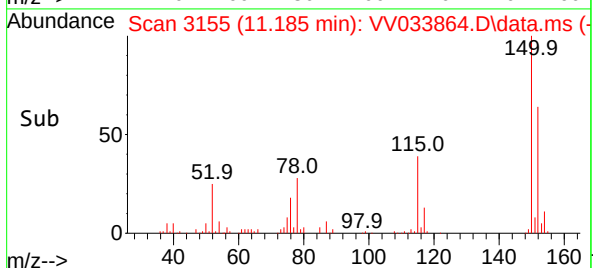
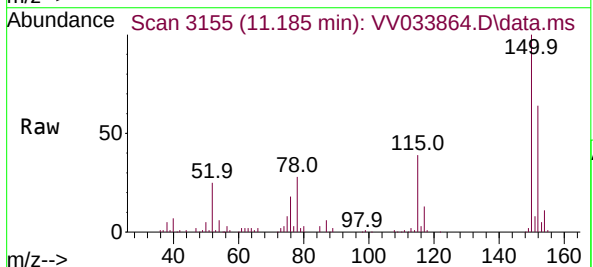
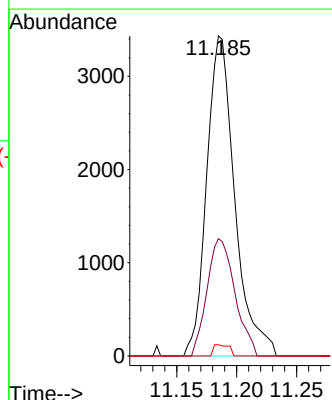
Tgt Ion: 75 Resp: 5588

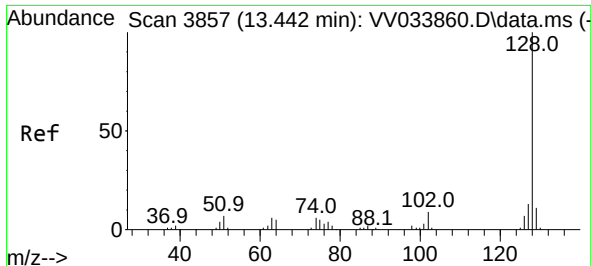
Ion Ratio Lower Upper

75 100

77 36.4 26.9 40.3

110 1.9 33.3 49.9#

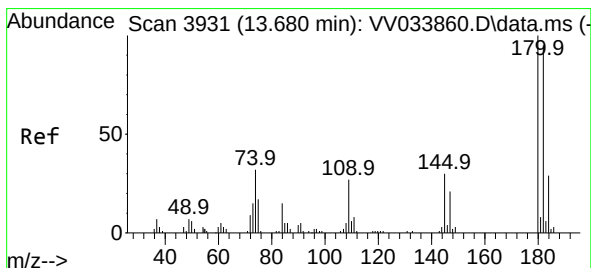
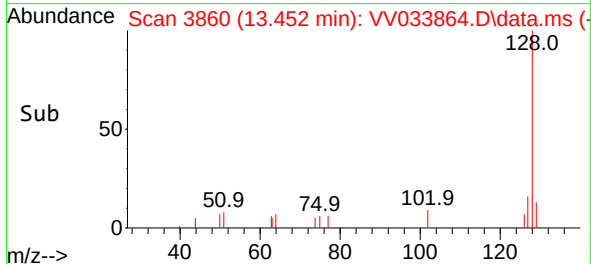
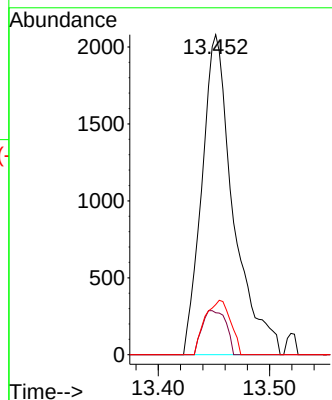
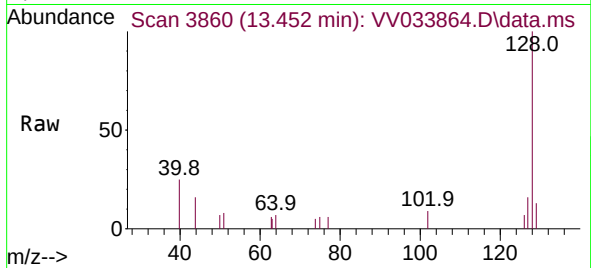




#71  
Naphthalene  
Concen: 0.353 ug/L  
RT: 13.452 min Scan# 3860  
Delta R.T. 0.010 min  
Lab File: VV033864.D  
Acq: 25 Jan 2024 12:39

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion:128 Resp: 4081  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.5 12.7  
127 13.8 10.4 15.6



#72  
1,2,3-Trichlorobenzene  
Concen: 0.100 ug/L  
RT: 13.690 min Scan# 3934  
Delta R.T. 0.010 min  
Lab File: VV033864.D  
Acq: 25 Jan 2024 12:39

Tgt Ion:180 Resp: 705  
Ion Ratio Lower Upper  
180 100  
182 88.1 75.0 112.6  
145 17.7 25.2 37.8#

