

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041322\  
 Data File : VV025511.D  
 Acq On : 13 Apr 2022 23:24  
 Operator : SY/MD  
 Sample : N2357-13  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 14 05:24:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 14 05:22:13 2022  
 Response via : Initial Calibration

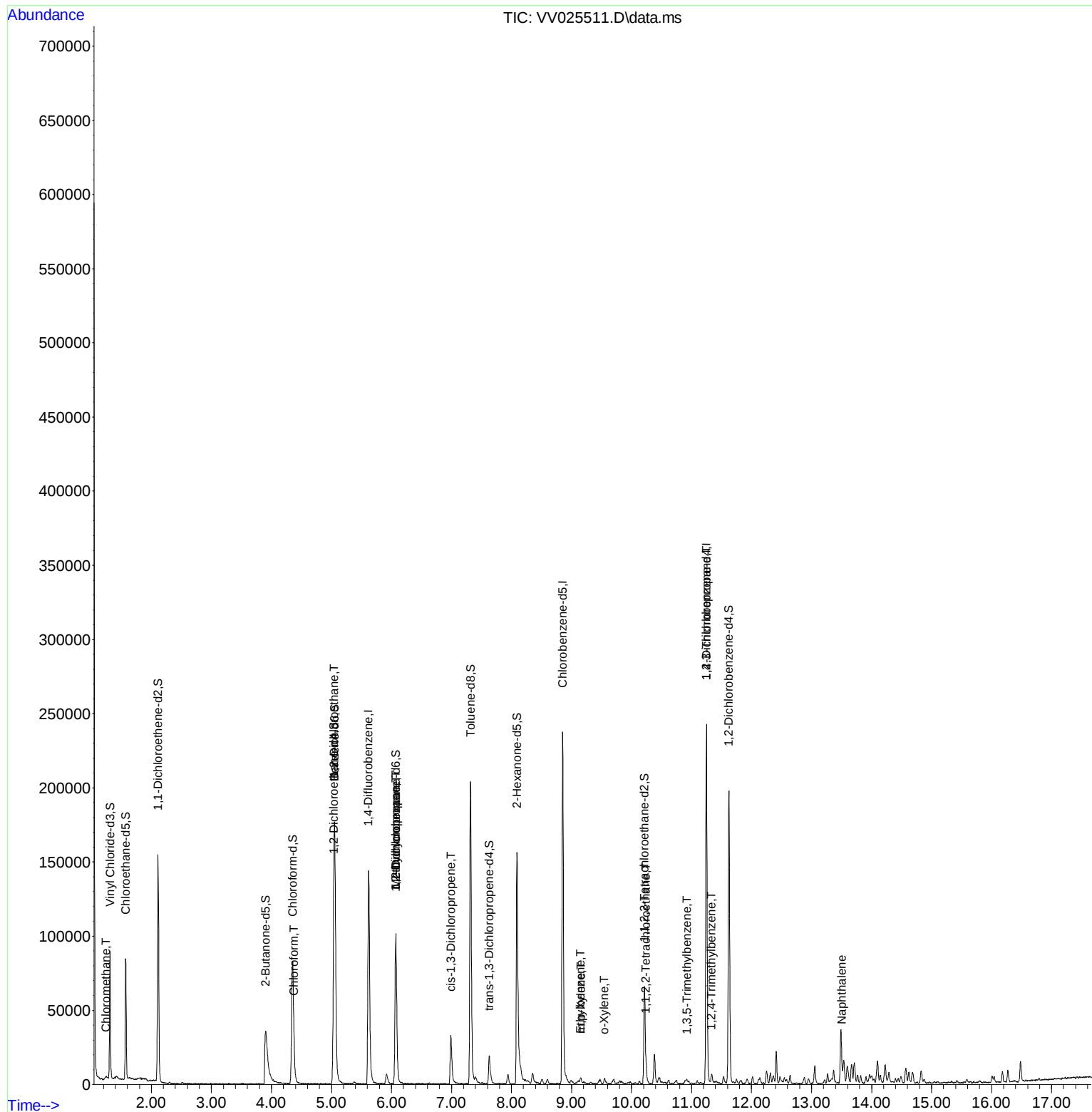
| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619    | 114   | 126859   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.853    | 117   | 130952   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249   | 152   | 62574    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.310    | 65    | 52537    | 4.454  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 40 | - 130 | Recovery | =      | 89.000%  |          |
| 7) Chloroethane-d5            | 1.571    | 69    | 50422    | 4.019  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 130 | Recovery | =      | 80.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.111    | 63    | 81268    | 3.440  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 125 | Recovery | =      | 68.800%  |          |
| 20) 2-Butanone-d5             | 3.902    | 46    | 71299    | 49.698 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 40 | - 130 | Recovery | =      | 99.400%  |          |
| 24) Chloroform-d              | 4.352    | 84    | 85673    | 4.807  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 96.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.037    | 65    | 39945    | 5.202  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 104.000% |          |
| 32) Benzene-d6                | 5.053    | 84    | 166122   | 4.384  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 87.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.072    | 67    | 49903    | 4.723  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 140 | Recovery | =      | 94.400%  |          |
| 41) Toluene-d8                | 7.317    | 98    | 137106   | 3.899  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 78.000%  |          |
| 43) trans-1,3-Dichloroprop... | 7.628    | 79    | 11565    | 3.256  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 55 | - 130 | Recovery | =      | 65.200%  |          |
| 46) 2-Hexanone-d5             | 8.091    | 63    | 51992    | 41.710 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 45 | - 130 | Recovery | =      | 83.420%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217   | 84    | 30223    | 4.527  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 120 | Recovery | =      | 90.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622   | 152   | 49638    | 4.731  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 | Recovery | =      | 94.600%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.246    | 50    | 532      | 0.043  | ug/L     | 91       |
| 25) Chloroform                | 4.378    | 83    | 1841     | 0.112  | ug/L #   | 74       |
| 27) 1,2-Dichloroethane        | 5.050    | 62    | 887      | 0.102  | ug/L #   | 71       |
| 35) Methylcyclohexane         | 6.072    | 83    | 11990    | 0.732  | ug/L #   | 22       |
| 37) 1,2-Dichloropropane       | 6.069    | 63    | 5693     | 0.636  | ug/L #   | 85       |
| 39) cis-1,3-Dichloropropene   | 6.992    | 75    | 1021     | 0.087  | ug/L #   | 79       |
| 52) Ethylbenzene              | 9.149    | 91    | 1922     | 0.043  | ug/L     | 90       |
| 53) m,p-Xylene                | 9.156    | 106   | 936      | 0.055  | ug/L     | 91       |
| 54) o-Xylene                  | 9.548    | 106   | 1052     | 0.063  | ug/L     | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239   | 83    | 740      | 0.124  | ug/L #   | 61       |
| 61) 1,2,3-Trichloropropane    | 11.249   | 75    | 7672     | 1.862  | ug/L #   | 63       |
| 62) 1,3,5-Trimethylbenzene    | 10.921   | 105   | 1153     | 0.067  | ug/L     | 88       |
| 63) 1,2,4-Trimethylbenzene    | 11.336   | 105   | 3328     | 0.107  | ug/L     | 96       |
| 71) Naphthalene               | 13.509   | 128   | 1733     | 0.111  | ug/L #   | 85       |
| -----                         |          |       |          |        |          |          |

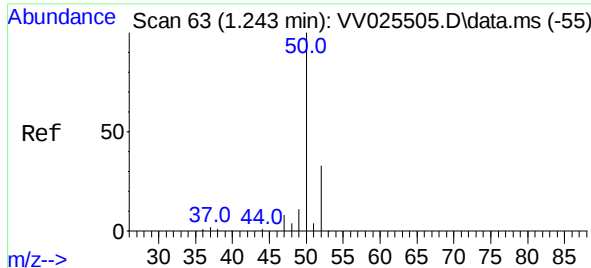
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041322\  
Data File : VV025511.D  
Acq On : 13 Apr 2022 23:24  
Operator : SY/MD  
Sample : N2357-13  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Apr 14 05:24:19 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Apr 14 05:22:13 2022  
Response via : Initial Calibration





Chloromethane

Concen: 0.043 ug/L

RT: 1.246 min Scan#

Delta R.T. 0.003 min

Lab File: VV025511.D

Acq: 13 Apr 2022 23:24

Instrument :

MSVOA\_V

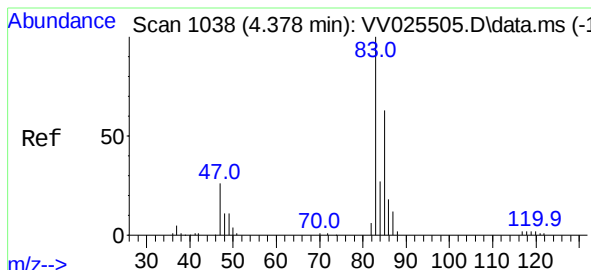
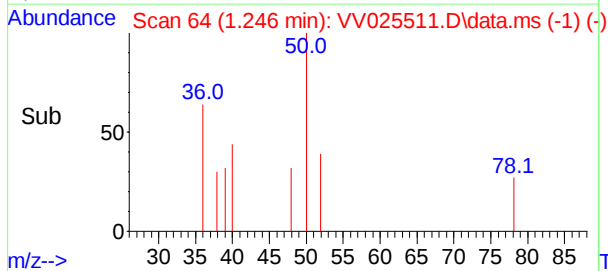
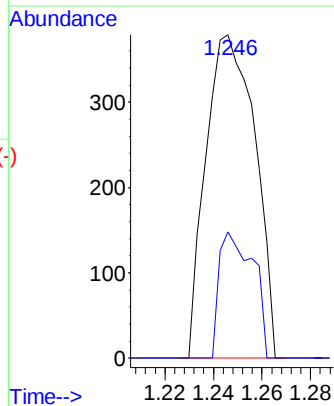
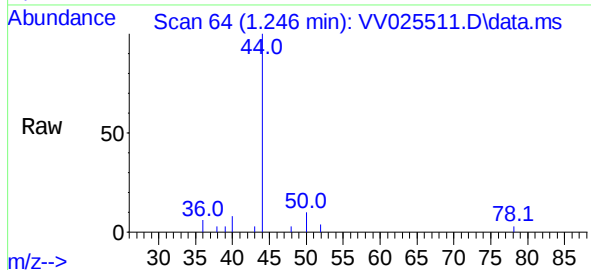
ClientSampleId :

Tgt Ion: 50 Resp: 532

Ion Ratio Lower Upper

50 100

52 39.1 23.7 43.9



Chloroform

Concen: 0.112 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV025511.D

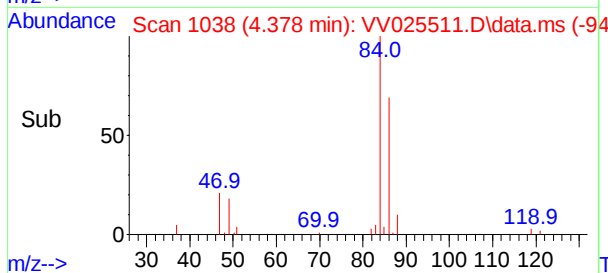
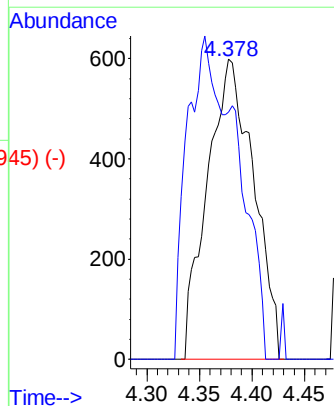
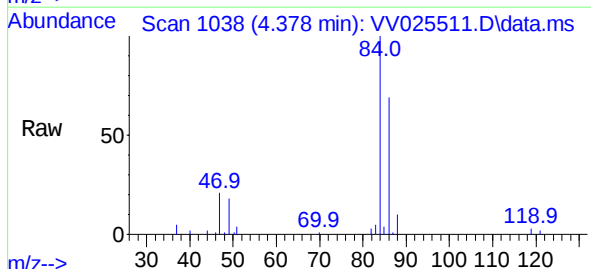
Acq: 13 Apr 2022 23:24

Tgt Ion: 83 Resp: 1841

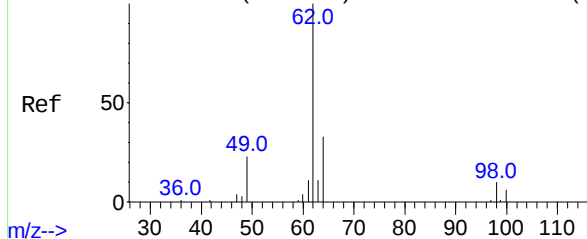
Ion Ratio Lower Upper

83 100

85 82.3 43.5 80.7#



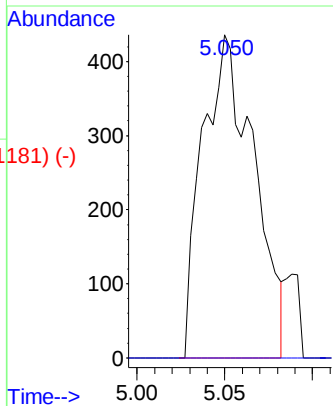
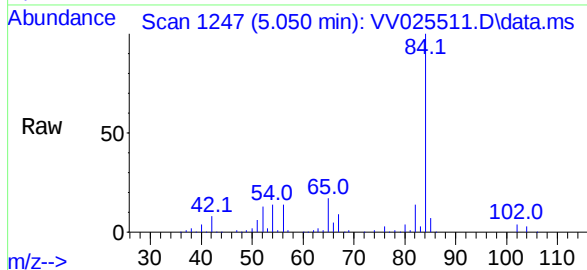
Abundance Scan 1274 (5.137 min): VV025505.D\data.ms (-1573)



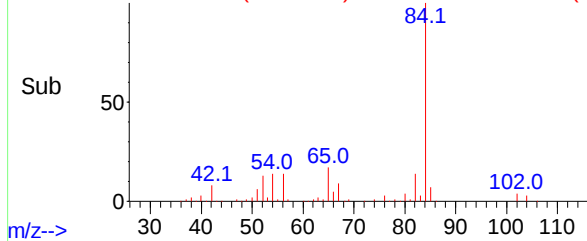
1,2-Dichloroethane  
Concen: 0.102 ug/L  
RT: 5.050 min Scan# 1573  
Delta R.T. -0.087 min  
Lab File: VV025511.D  
Acq: 13 Apr 2022 23:24

Instrument :  
MSVOA\_V  
ClientSampleId :

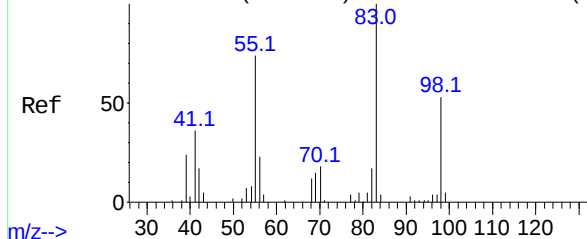
Tgt Ion: 62 Resp: 887  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.8 13.2#



Abundance Scan 1247 (5.050 min): VV025511.D\data.ms (-1181) (-)

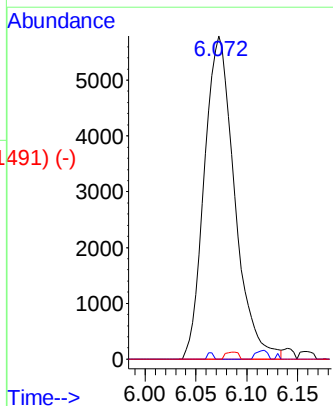
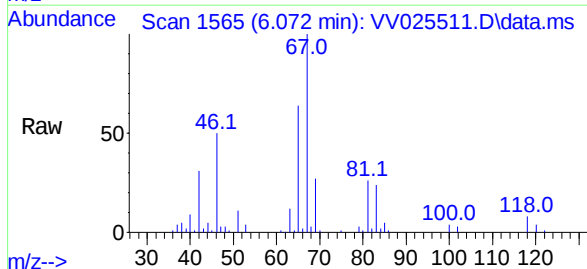


Abundance Scan 1584 (6.134 min): VV025505.D\data.ms (-1573)

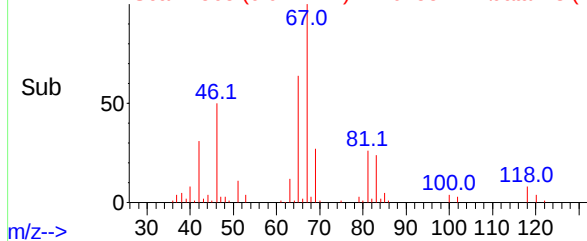


Methylcyclohexane  
Concen: 0.732 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.061 min  
Lab File: VV025511.D  
Acq: 13 Apr 2022 23:24

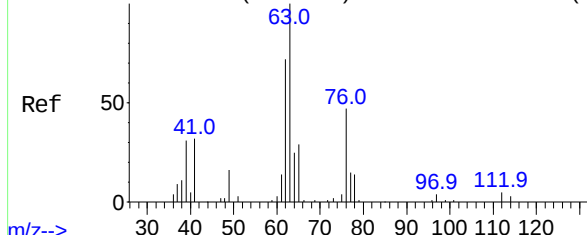
Tgt Ion: 83 Resp: 11990  
Ion Ratio Lower Upper  
83 100  
55 0.4 53.7 80.5#  
98 0.9 39.6 59.4#



Abundance Scan 1565 (6.072 min): VV025511.D\data.ms (-1491) (-)



Abundance Scan 1597 (6.175 min): VV025505.D\data.ms (-15767-)

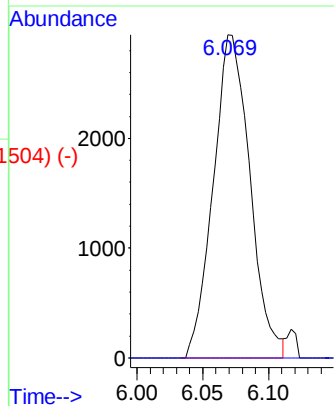
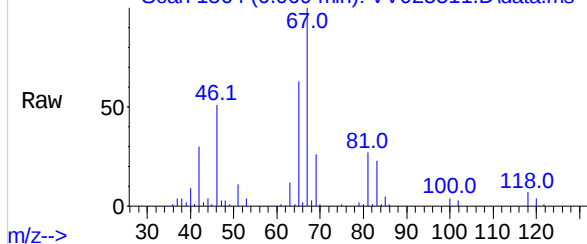


1,2-Dichloropropane  
Concen: 0.636 ug/L  
RT: 6.069 min Scan# 1851  
Delta R.T. -0.106 min  
Lab File: VV025511.D  
Acq: 13 Apr 2022 23:24

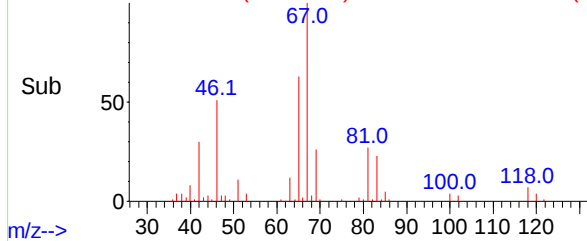
Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 63 Resp: 5693  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.8 5.8#

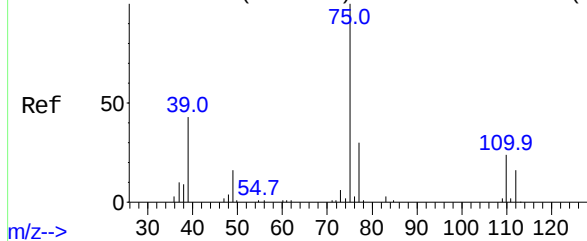
Abundance Scan 1564 (6.069 min): VV025511.D\data.ms



Abundance Scan 1564 (6.069 min): VV025511.D\data.ms (-1504) (-)



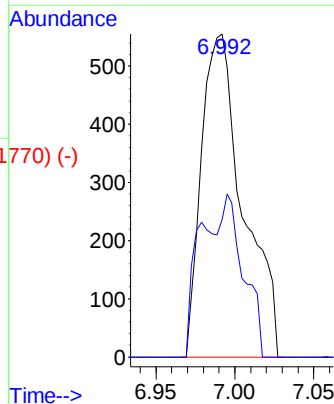
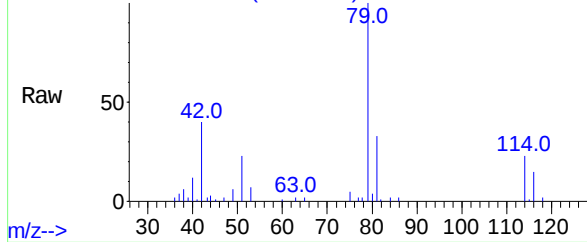
Abundance Scan 1863 (7.031 min): VV025505.D\data.ms (-18529-)



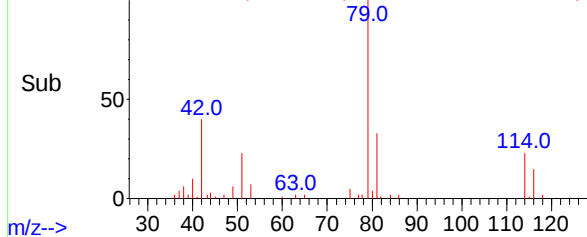
cis-1,3-Dichloropropene  
Concen: 0.087 ug/L  
RT: 6.992 min Scan# 1851  
Delta R.T. -0.039 min  
Lab File: VV025511.D  
Acq: 13 Apr 2022 23:24

Tgt Ion: 75 Resp: 1021  
Ion Ratio Lower Upper  
75 100  
77 42.5 21.8 40.6#

Abundance Scan 1851 (6.992 min): VV025511.D\data.ms



Abundance Scan 1851 (6.992 min): VV025511.D\data.ms (-1770) (-)



Abundance Scan 2479 (9.011 min): VV025505.D\data.ms (-24652-)

Ethylbenzene

Concen: 0.043 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.138 min

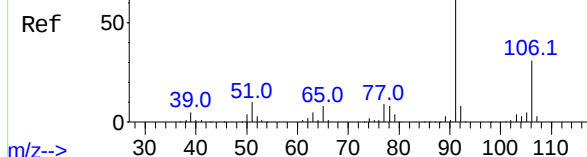
Lab File: VV025511.D

Acq: 13 Apr 2022 23:24

Instrument :

MSVOA\_V

ClientSampleId :

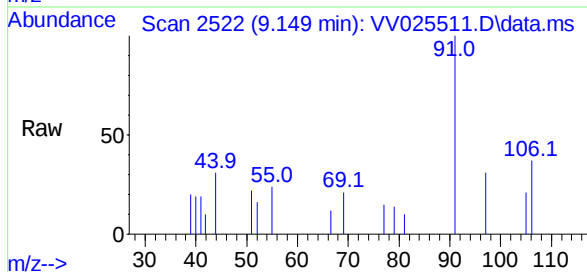


Tgt Ion: 91 Resp: 1922

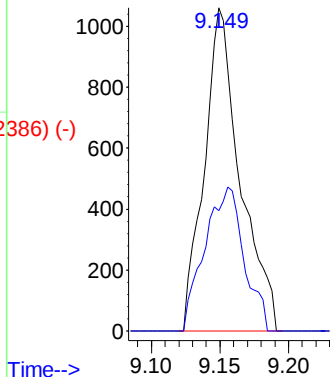
Ion Ratio Lower Upper

91 100

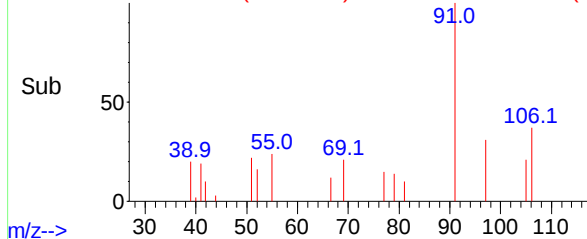
106 37.1 22.3 41.3



Abundance



Abundance Scan 2522 (9.149 min): VV025511.D\data.ms (-2386-)



Abundance Scan 2519 (9.140 min): VV025505.D\data.ms (-25053-)

m,p-Xylene

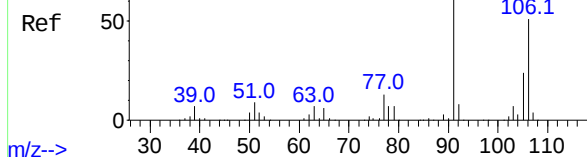
Concen: 0.055 ug/L

RT: 9.156 min Scan# 2524

Delta R.T. 0.016 min

Lab File: VV025511.D

Acq: 13 Apr 2022 23:24

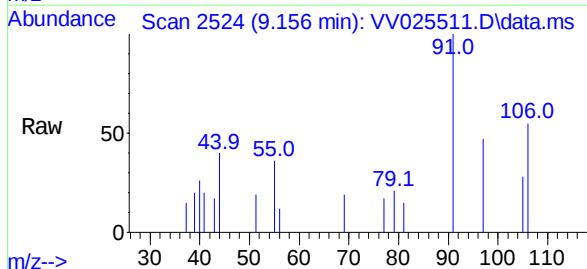


Tgt Ion: 106 Resp: 936

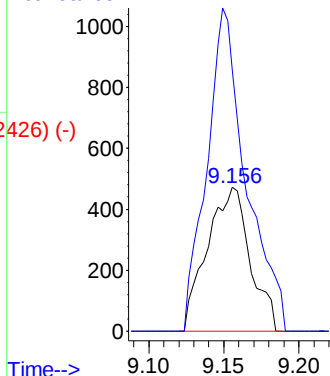
Ion Ratio Lower Upper

106 100

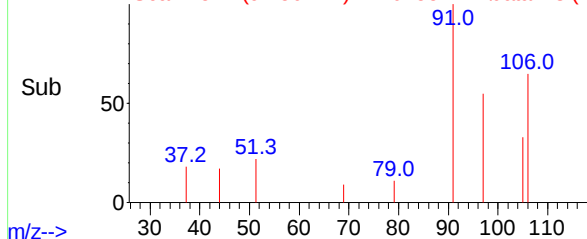
91 181.8 136.4 253.4



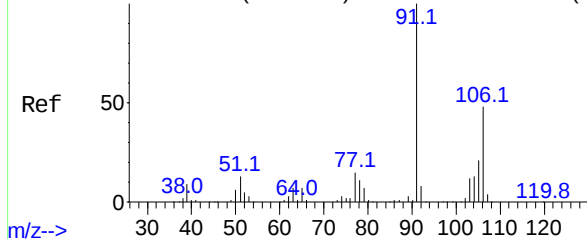
Abundance



Abundance Scan 2524 (9.156 min): VV025511.D\data.ms (-2426-)



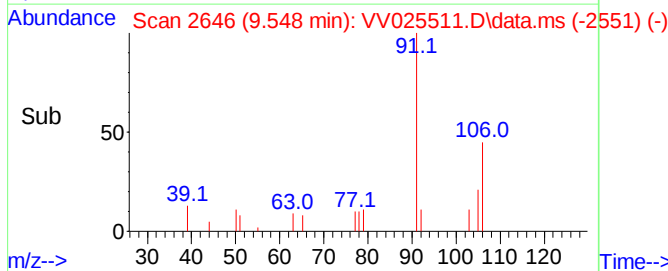
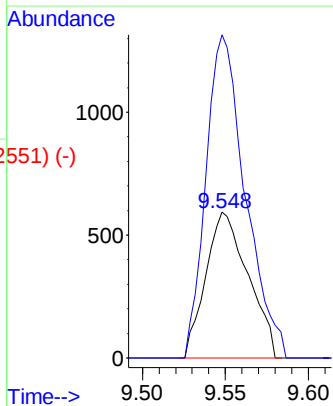
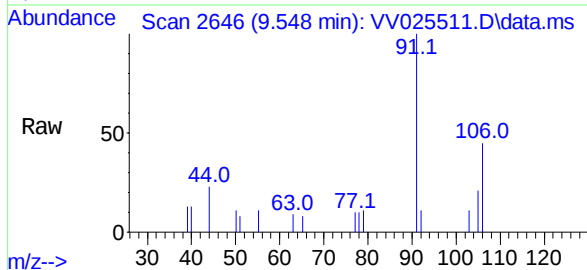
Abundance Scan 2644 (9.542 min): VV025505.D\data.ms (-2632) (-)



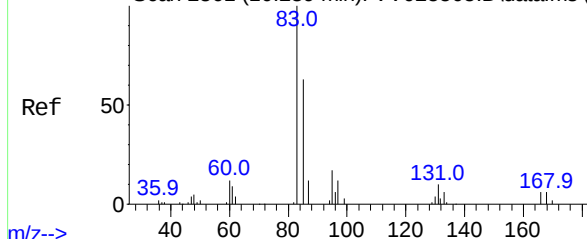
o-Xylene  
Concen: 0.063 ug/L  
RT: 9.548 min Scan# 2644  
Delta R.T. 0.006 min  
Lab File: VV025511.D  
Acq: 13 Apr 2022 23:24

Instrument : MSVOA\_V  
Client SampleId :

Tgt Ion: 106 Resp: 1052  
Ion Ratio Lower Upper  
106 100  
91 221.8 150.4 279.2

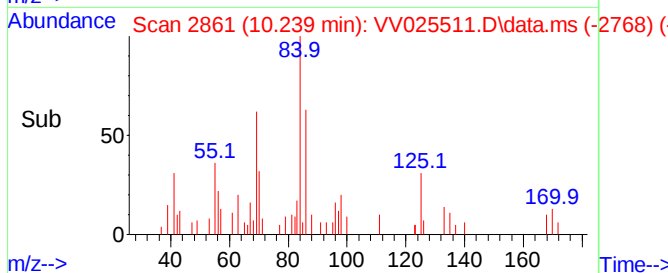
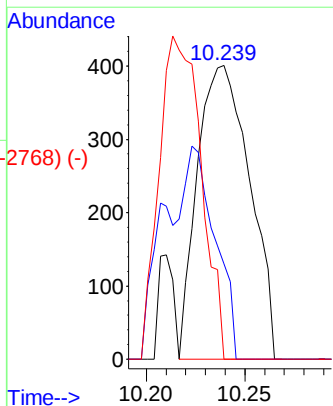
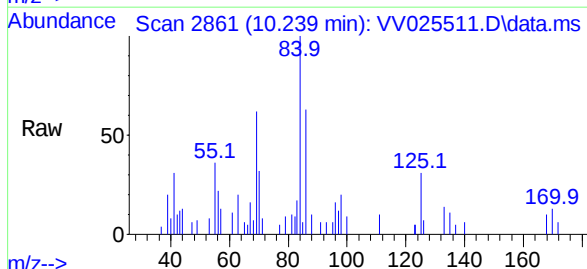


Abundance Scan 2861 (10.239 min): VV025505.D\data.ms (-2859) (-)



1,1,2,2-Tetrachloroethane  
Concen: 0.124 ug/L  
RT: 10.239 min Scan# 2861  
Delta R.T. -0.000 min  
Lab File: VV025511.D  
Acq: 13 Apr 2022 23:24

Tgt Ion: 83 Resp: 740  
Ion Ratio Lower Upper  
83 100  
85 32.4 45.1 83.9#  
131 0.0 7.9 11.9#



Abundance Scan 2872 (10.275 min): VV025505.D\data.ms (-2861) (-)

1,2,3-Trichloropropane

Concen: 1.862 ug/L

RT: 11.249 min Scan# 3073

Delta R.T. 0.974 min

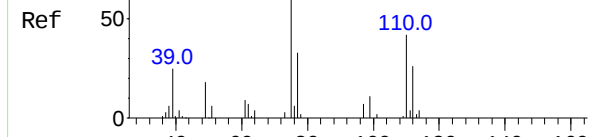
Lab File: VV025511.D

Acq: 13 Apr 2022 23:24

Instrument :

MSVOA\_V

ClientSampleId :



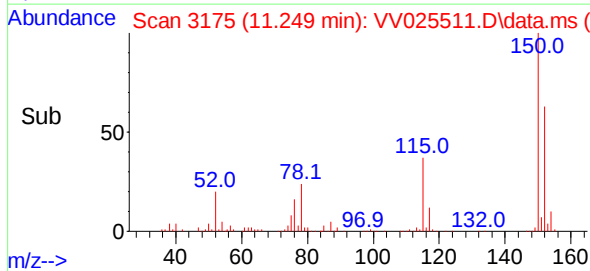
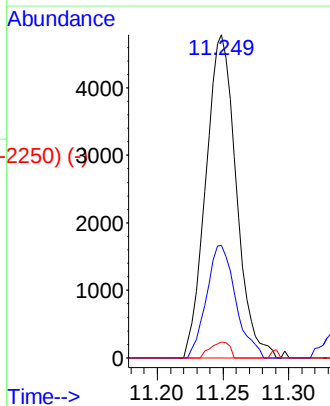
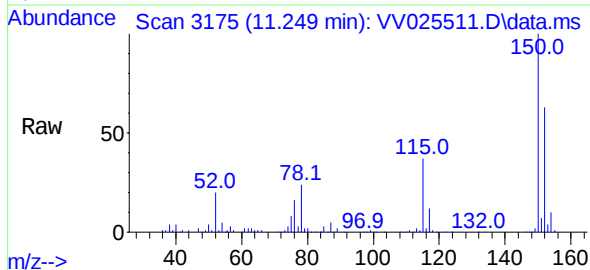
Tgt Ion: 75 Resp: 7672

Ion Ratio Lower Upper

75 100

77 33.5 25.6 38.4

110 3.1 34.7 52.1#



Abundance Scan 2954 (10.538 min): VV025505.D\data.ms (-2942) (-)

1,3,5-Trimethylbenzene

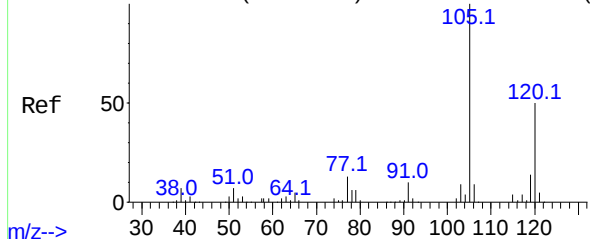
Concen: 0.067 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.382 min

Lab File: VV025511.D

Acq: 13 Apr 2022 23:24

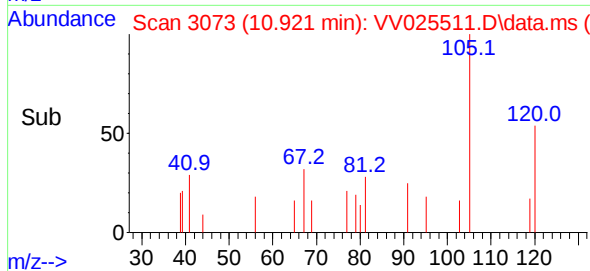
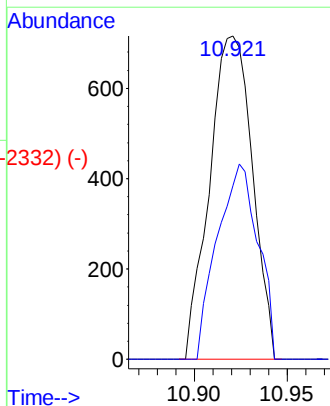
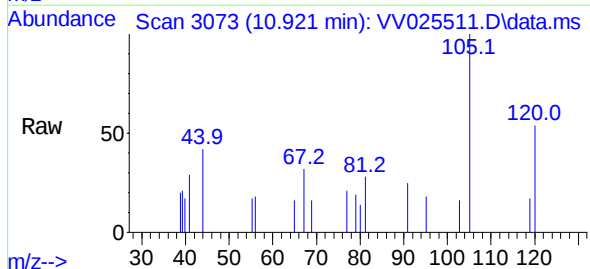


Tgt Ion: 105 Resp: 1153

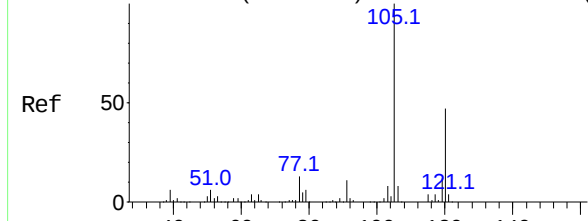
Ion Ratio Lower Upper

105 100

120 57.5 39.6 59.4



Abundance Scan 3071 (10.915 min): VV025505.D\data.ms (-3058) (-)



1,2,4-Trimethylbenzene

Concen: 0.107 ug/L

RT: 11.336 min Scan#

Delta R.T. 0.421 min

Lab File: VV025511.D

Acq: 13 Apr 2022 23:24

Instrument :

MSVOA\_V

ClientSampleId :

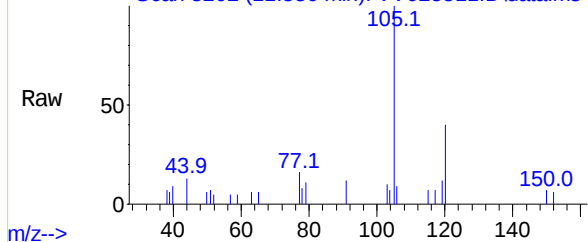
Tgt Ion:105 Resp: 3328

Ion Ratio Lower Upper

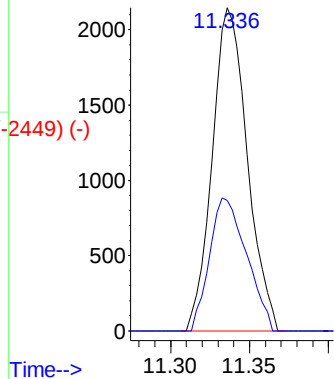
105 100

120 43.4 36.6 55.0

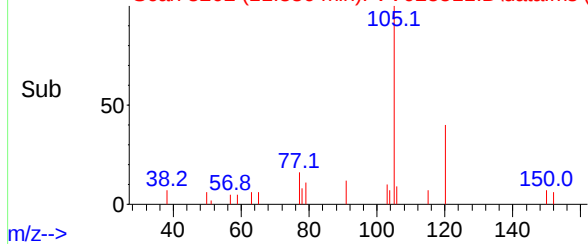
Abundance Scan 3202 (11.336 min): VV025511.D\data.ms



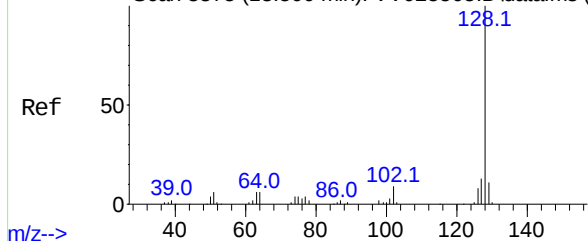
Abundance



Abundance Scan 3202 (11.336 min): VV025511.D\data.ms (-2449) (-)



Abundance Scan 3875 (13.500 min): VV025505.D\data.ms (-3873) (-)



Naphthalene

Concen: 0.111 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.009 min

Lab File: VV025511.D

Acq: 13 Apr 2022 23:24

Tgt Ion:128 Resp: 1733

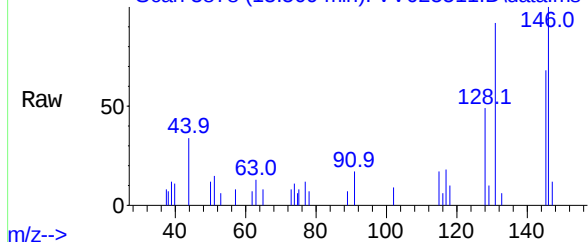
Ion Ratio Lower Upper

128 100

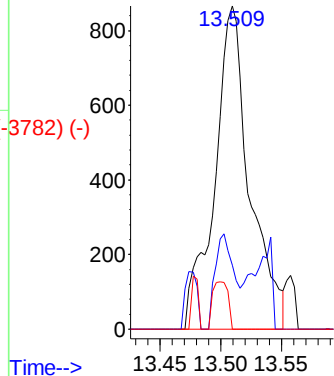
129 15.8 8.8 13.2#

127 6.5 10.4 15.6#

Abundance Scan 3878 (13.509 min): VV025511.D\data.ms



Abundance



Abundance Scan 3878 (13.509 min): VV025511.D\data.ms (-3782) (-)

