

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041222\  
 Data File : VW025469.D  
 Acq On : 12 Apr 2022 12:11  
 Operator : SY/MD  
 Sample : N2319-07  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YB2H4

Quant Time: Apr 13 02:32:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 13 02:31:13 2022  
 Response via : Initial Calibration

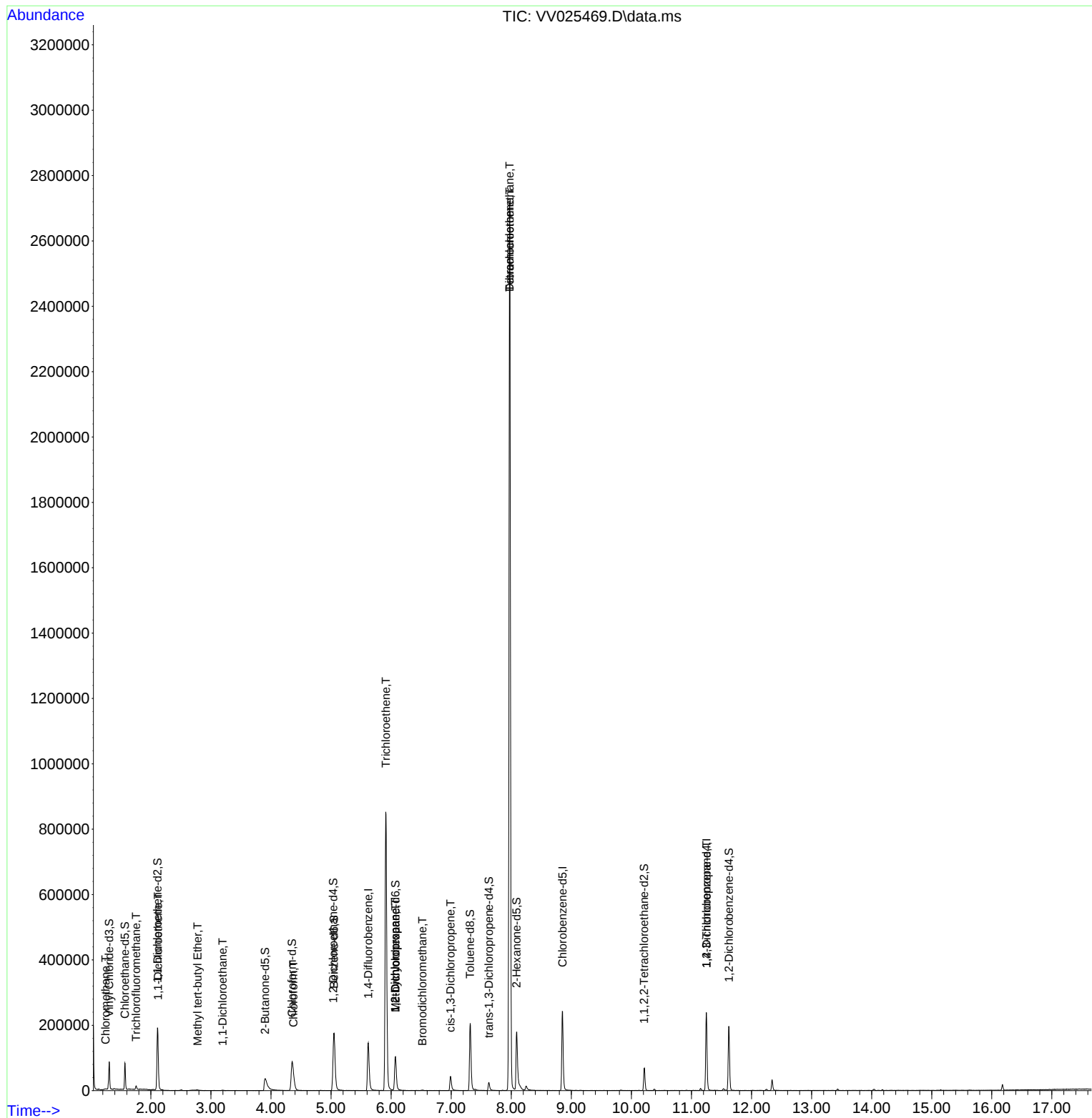
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 129413   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 135705   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 61684    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 50426    | 4.191    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 83.800%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 50374    | 3.936    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 78.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 92377    | 3.833    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 76.600%  |
| 20) 2-Butanone-d5             | 3.902  | 46    | 75003    | 51.248   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 102.500% |
| 24) Chloroform-d              | 4.352  | 84    | 86191    | 4.741    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 40589    | 5.181    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 103.600% |
| 32) Benzene-d6                | 5.050  | 84    | 162416   | 4.136    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 49832    | 4.551    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.000%  |
| 41) Toluene-d8                | 7.316  | 98    | 140267   | 3.849    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 77.000%  |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79    | 14637    | 3.977    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 79.600%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 62715    | 48.550   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 97.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 32372    | 4.679    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 49950    | 4.830    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.246  | 50    | 752      | 0.059    | ug/L   | 89       |
| 9) Trichlorofluoromethane     | 1.754  | 101   | 5674     | 0.281    | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.121  | 96    | 19073    | 1.699    | ug/L # | 64       |
| 17) Methyl tert-butyl Ether   | 2.777  | 73    | 1569     | 0.090    | ug/L # | 80       |
| 19) 1,1-Dichloroethane        | 3.194  | 63    | 1520     | 0.095    | ug/L # | 81       |
| 25) Chloroform                | 4.375  | 83    | 26857    | 1.597    | ug/L   | 97       |
| 34) Trichloroethene           | 5.911  | 95    | 288955   | 27.148   | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.072  | 83    | 12660    | 0.745    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.069  | 63    | 5812     | 0.627    | ug/L # | 85       |
| 38) Bromodichloromethane      | 6.522  | 83    | 1280     | 0.111    | ug/L # | 80       |
| 39) cis-1,3-Dichloropropene   | 6.989  | 75    | 1213     | 0.100    | ug/L # | 58       |
| 47) Tetrachloroethene         | 7.972  | 164   | 572548   | 68.709   | ug/L   | 97       |
| 49) Dibromochloromethane      | 7.972  | 129   | 543085   | 79.658   | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75    | 7748     | 1.907    | ug/L # | 62       |

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

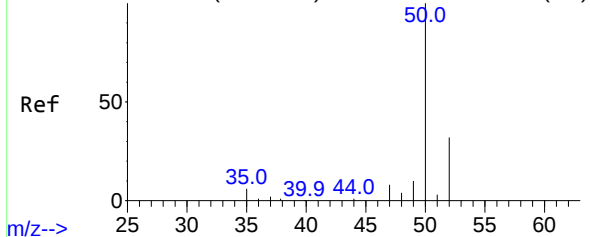
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041222\  
Data File : VV025469.D  
Acq On : 12 Apr 2022 12:11  
Operator : SY/MD  
Sample : N2319-07  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
YB2H4

Quant Time: Apr 13 02:32:40 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Apr 13 02:31:13 2022  
Response via : Initial Calibration



Abundance Scan 63 (1.243 min): VV025464.D\data.ms (-54)



#3

Chloromethane

Concen: 0.059 ug/L

RT: 1.246 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV025469.D

Acq: 12 Apr 2022 12:11

Instrument :

MSVOA\_V

ClientSampleId :

YB2H4

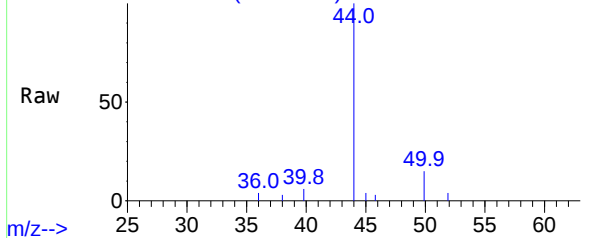
Tgt Ion: 50 Resp: 752

Ion Ratio Lower Upper

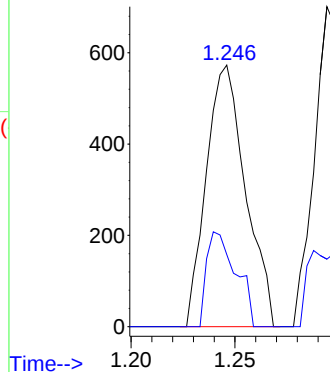
50 100

52 27.6 23.7 43.9

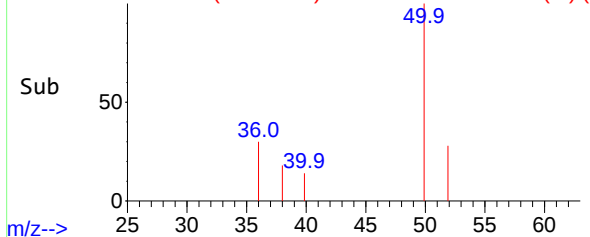
Abundance Scan 64 (1.246 min): VV025469.D\data.ms



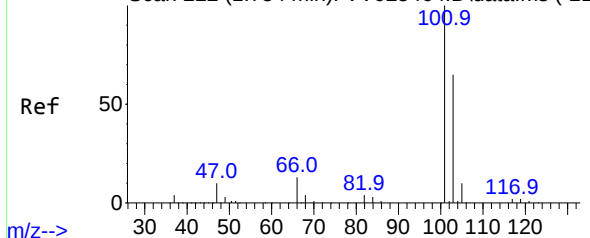
Abundance



Abundance Scan 64 (1.246 min): VV025469.D\data.ms (-1)



Abundance Scan 222 (1.754 min): VV025464.D\data.ms (-21)



#9

Trichlorofluoromethane

Concen: 0.281 ug/L

RT: 1.754 min Scan# 222

Delta R.T. -0.000 min

Lab File: VV025469.D

Acq: 12 Apr 2022 12:11

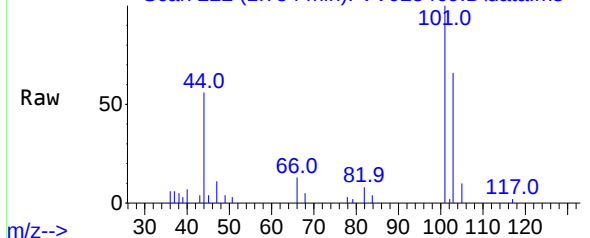
Tgt Ion: 101 Resp: 5674

Ion Ratio Lower Upper

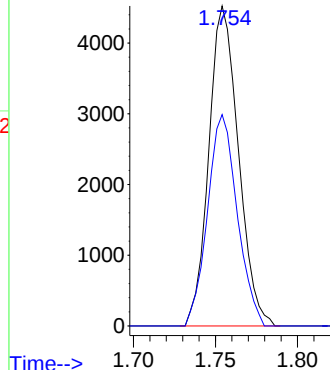
101 100

103 66.1 51.9 77.9

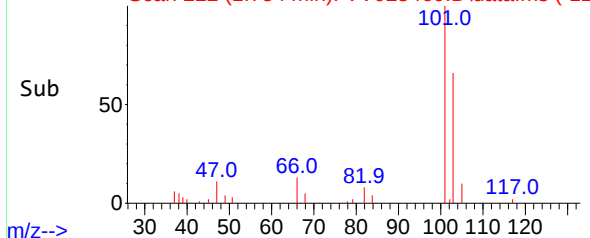
Abundance Scan 222 (1.754 min): VV025469.D\data.ms

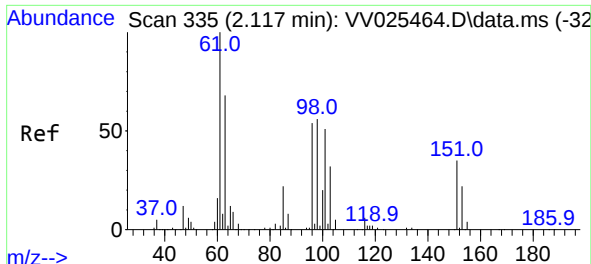


Abundance



Abundance Scan 222 (1.754 min): VV025469.D\data.ms (-12)

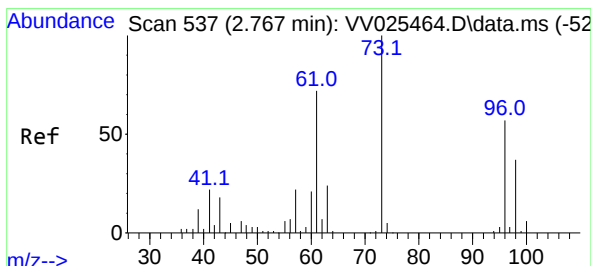
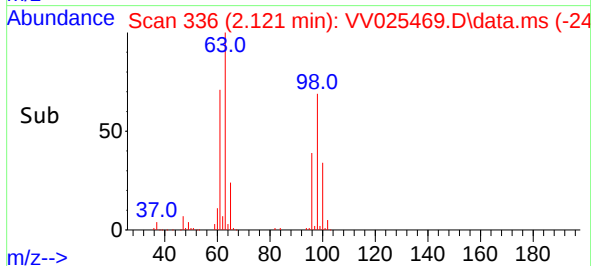
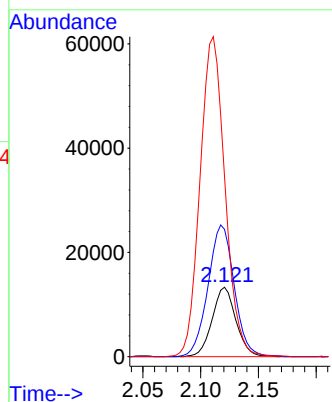
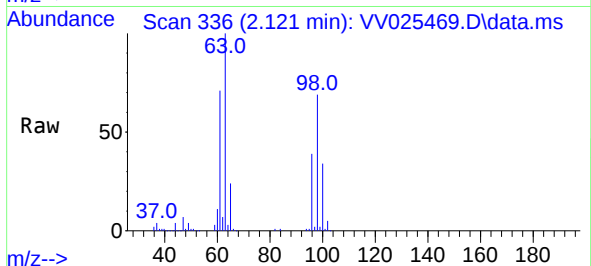




#12  
1,1-Dichloroethene  
Concen: 1.699 ug/L  
RT: 2.121 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VV025469.D  
Acq: 12 Apr 2022 12:11

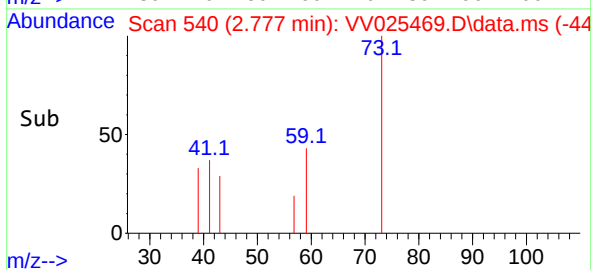
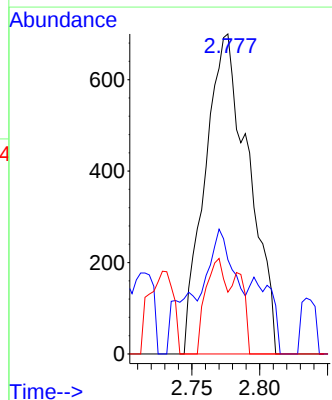
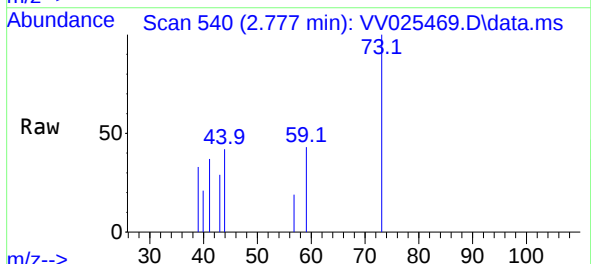
Instrument :  
MSVOA\_V  
ClientSampleId :  
YB2H4

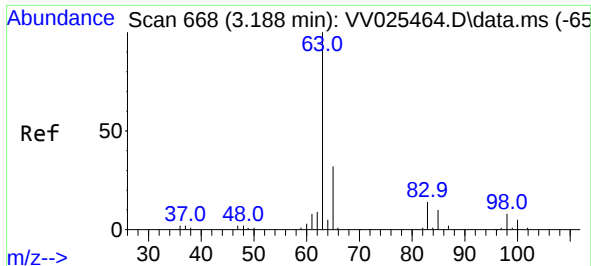
Tgt Ion: 96 Resp: 19073  
Ion Ratio Lower Upper  
96 100  
61 183.5 125.2 232.4  
63 259.4 114.4 212.4#



#17  
Methyl tert-butyl Ether  
Concen: 0.090 ug/L  
RT: 2.777 min Scan# 540  
Delta R.T. 0.010 min  
Lab File: VV025469.D  
Acq: 12 Apr 2022 12:11

Tgt Ion: 73 Resp: 1569  
Ion Ratio Lower Upper  
73 100  
43 12.3 14.2 21.4#  
57 7.8 16.1 24.1#





#19

1,1-Dichloroethane

Concen: 0.095 ug/L

RT: 3.194 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV025469.D

Acq: 12 Apr 2022 12:11

Instrument :

MSVOA\_V

ClientSampleId :

YB2H4

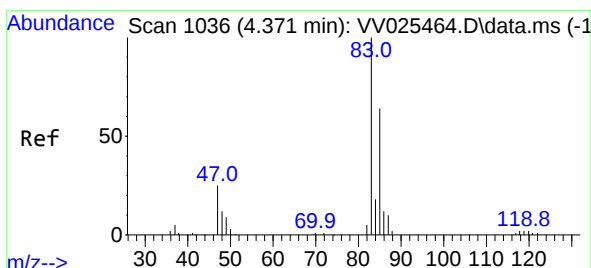
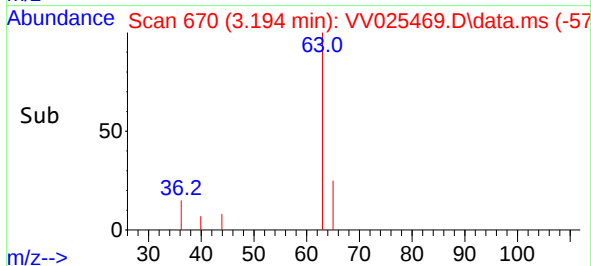
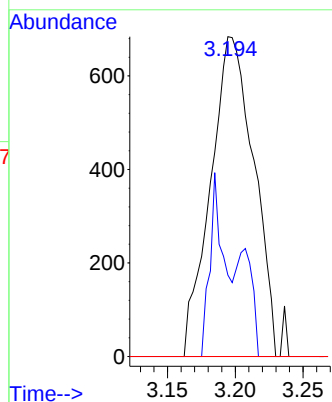
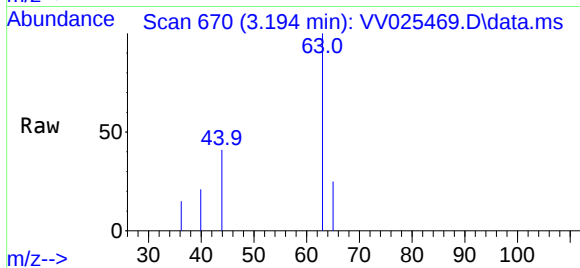
Tgt Ion: 63 Resp: 1520

Ion Ratio Lower Upper

63 100

65 25.4 23.2 43.0

83 0.0 9.0 16.8#



#25

Chloroform

Concen: 1.597 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV025469.D

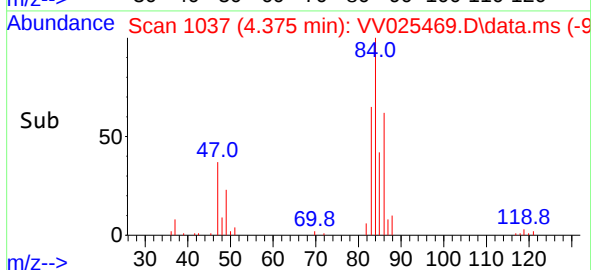
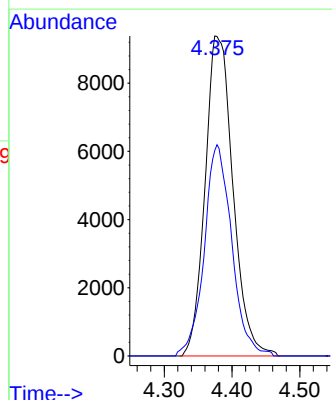
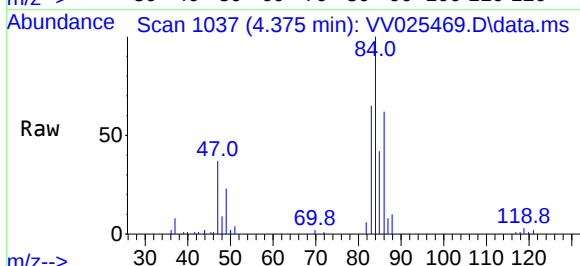
Acq: 12 Apr 2022 12:11

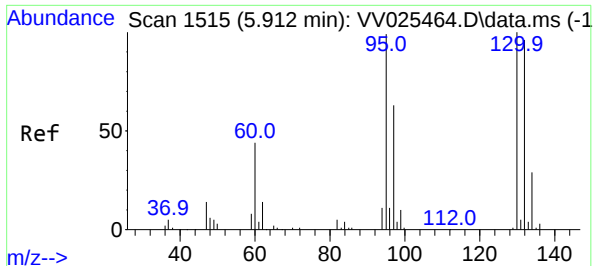
Tgt Ion: 83 Resp: 26857

Ion Ratio Lower Upper

83 100

85 64.2 43.5 80.7

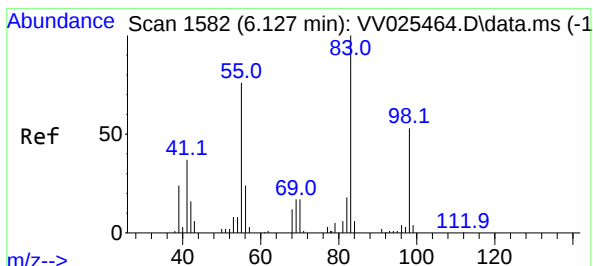
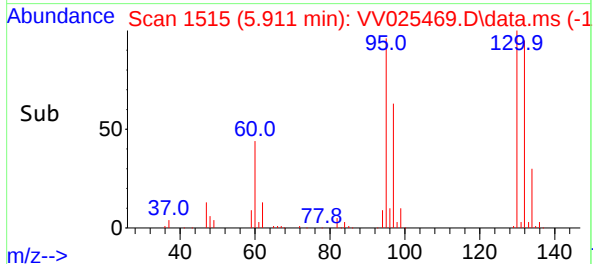
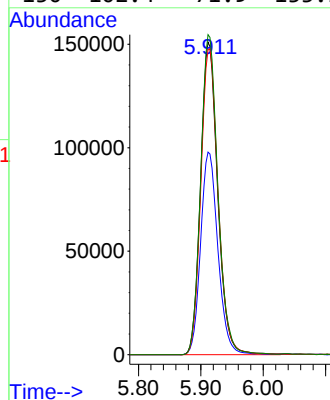
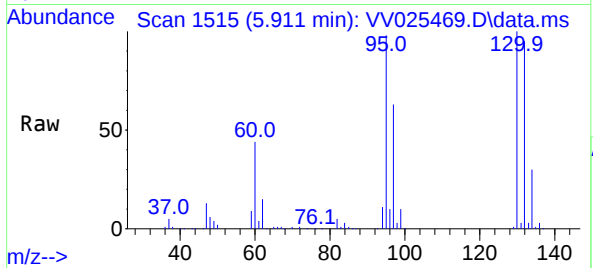




#34  
Trichloroethene  
Concen: 27.148 ug/L  
RT: 5.911 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VV025469.D  
Acq: 12 Apr 2022 12:11

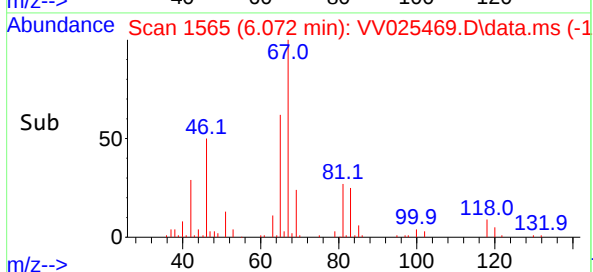
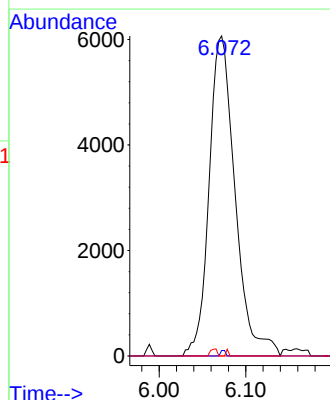
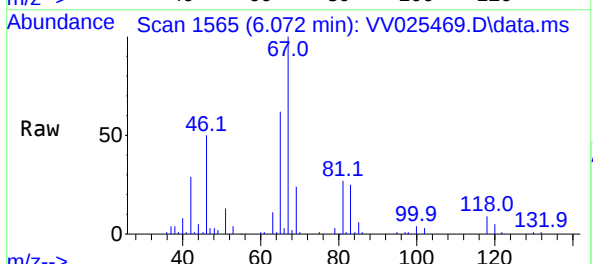
Instrument :  
MSVOA\_V  
ClientSampleId :  
YB2H4

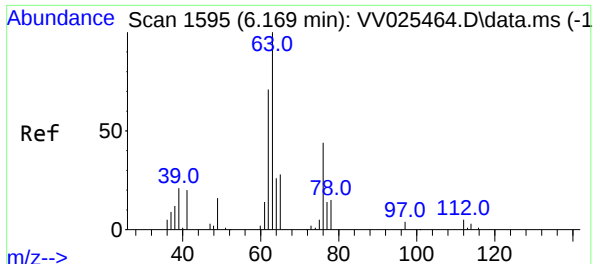
Tgt Ion: 95 Resp: 288955  
Ion Ratio Lower Upper  
95 100  
97 64.8 45.8 85.2  
132 97.5 68.0 126.4  
130 102.4 71.9 133.5



#35  
Methylcyclohexane  
Concen: 0.745 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.055 min  
Lab File: VV025469.D  
Acq: 12 Apr 2022 12:11

Tgt Ion: 83 Resp: 12660  
Ion Ratio Lower Upper  
83 100  
55 0.3 53.7 80.5#  
98 0.0 39.6 59.4#

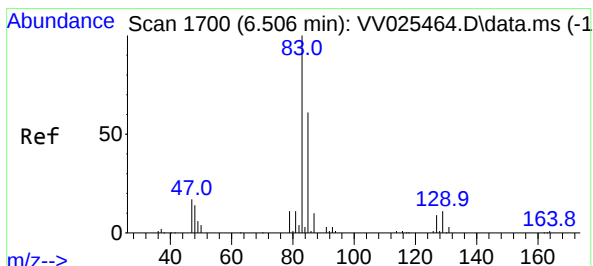
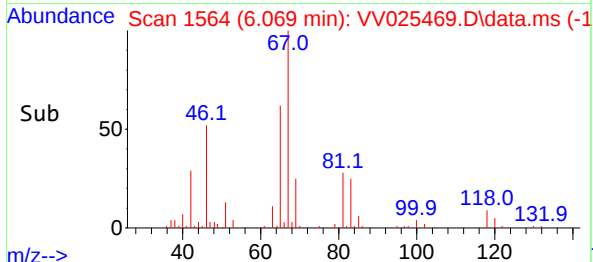
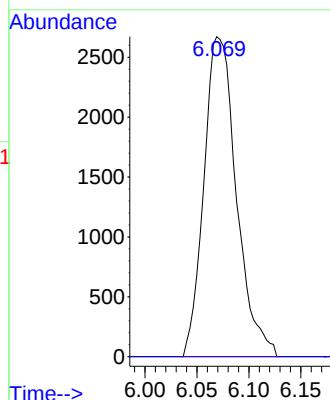
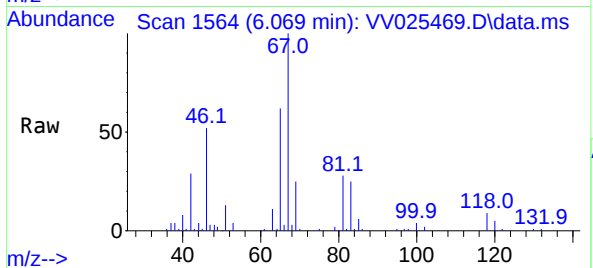




#37  
1,2-Dichloropropane  
Concen: 0.627 ug/L  
RT: 6.069 min Scan# 11  
Delta R.T. -0.100 min  
Lab File: VV025469.D  
Acq: 12 Apr 2022 12:11

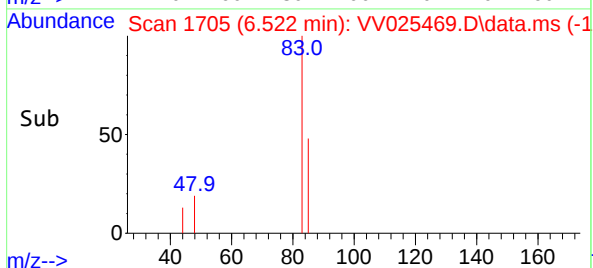
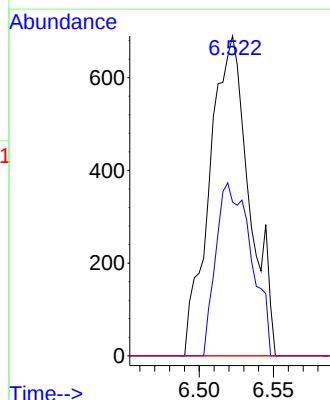
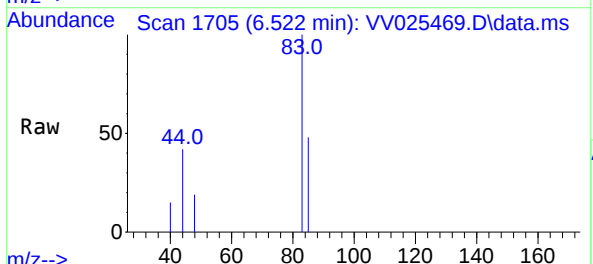
Instrument :  
MSVOA\_V  
ClientSampleId :  
YB2H4

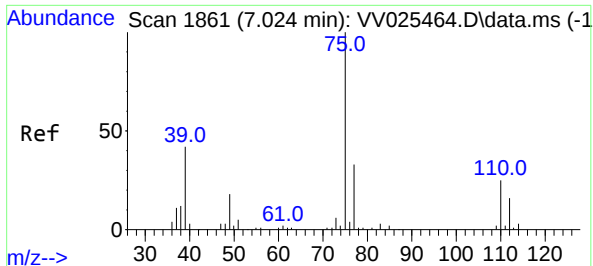
Tgt Ion: 63 Resp: 5812  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.8 5.8#



#38  
Bromodichloromethane  
Concen: 0.111 ug/L  
RT: 6.522 min Scan# 1705  
Delta R.T. 0.016 min  
Lab File: VV025469.D  
Acq: 12 Apr 2022 12:11

Tgt Ion: 83 Resp: 1280  
Ion Ratio Lower Upper  
83 100  
85 48.1 44.4 82.4  
127 0.0 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025469.D

Acq: 12 Apr 2022 12:11

Instrument :

MSVOA\_V

ClientSampleId :

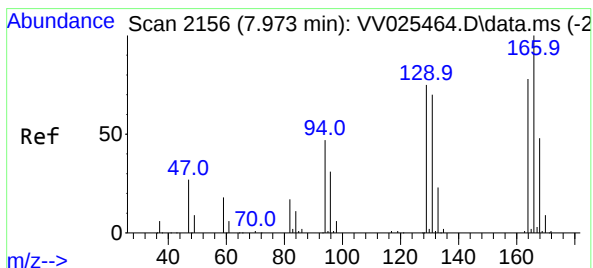
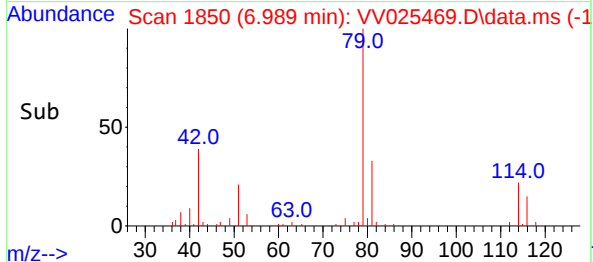
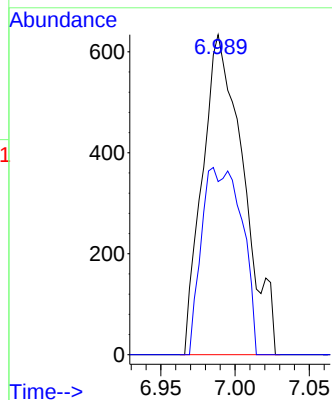
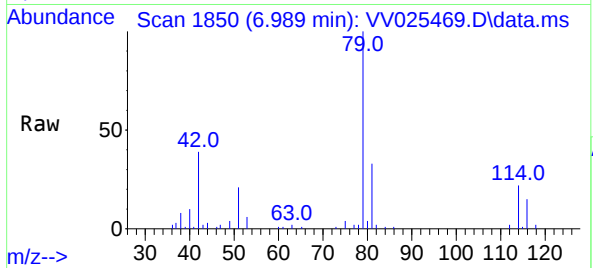
YB2H4

Tgt Ion: 75 Resp: 1213

Ion Ratio Lower Upper

75 100

77 54.1 21.8 40.6#



#47

Tetrachloroethene

Concen: 68.709 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV025469.D

Acq: 12 Apr 2022 12:11

Tgt Ion:164 Resp: 572548

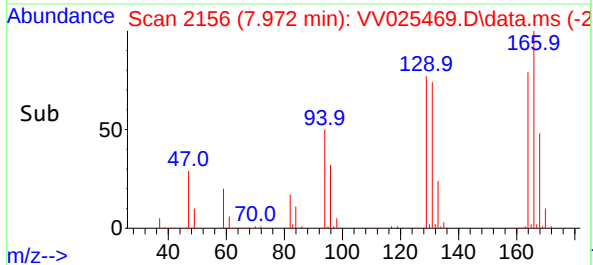
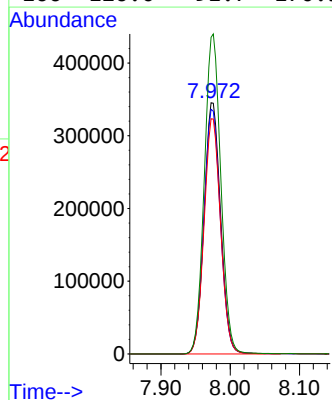
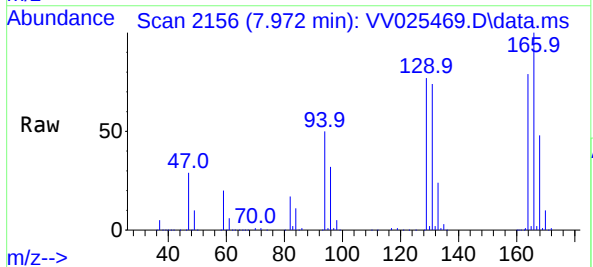
Ion Ratio Lower Upper

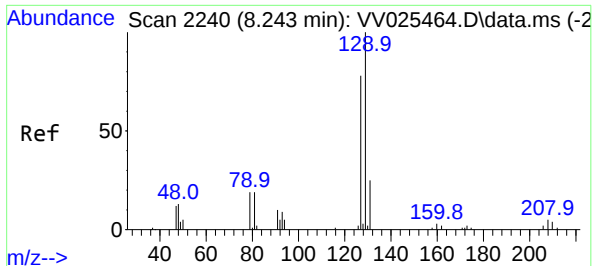
164 100

129 97.4 66.8 124.2

131 93.6 66.4 123.4

166 126.0 91.7 170.3





#49

Dibromochloromethane

Concen: 79.658 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV025469.D

Acq: 12 Apr 2022 12:11

Instrument :

MSVOA\_V

ClientSampleId :

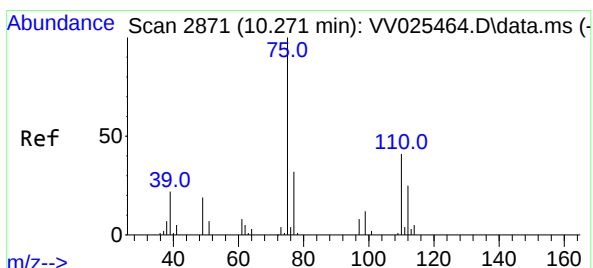
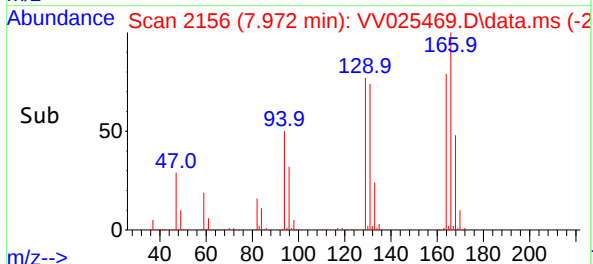
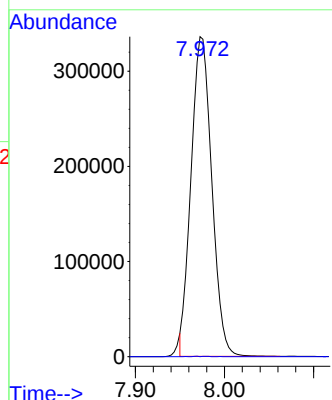
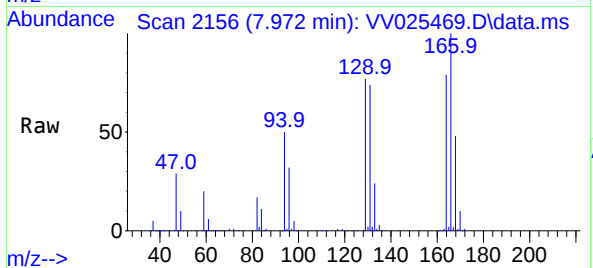
YB2H4

Tgt Ion:129 Resp: 543085

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.907 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV025469.D

Acq: 12 Apr 2022 12:11

Tgt Ion: 75 Resp: 7748

Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

110 0.9 34.7 52.1#

