

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082021\  
 Data File : VW019826.D  
 Acq On : 20 Aug 2021 12:09  
 Operator : SY/VA  
 Sample : M3486-02  
 Misc : 6.97g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Aug 20 23:34:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 20 23:32:55 2021  
 Response via : Initial Calibration

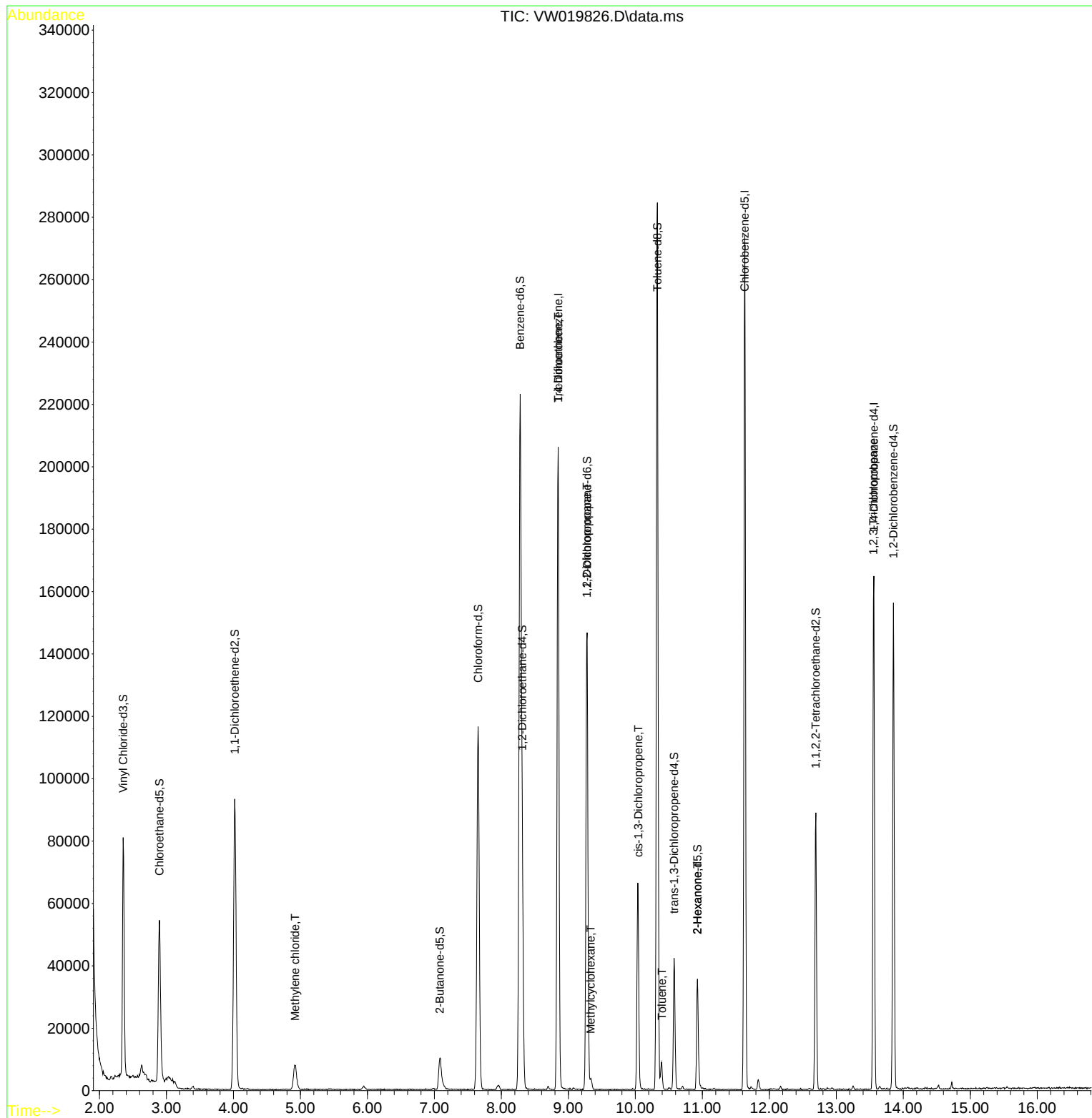
| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.847          | 114  | 169435              | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.633         | 117  | 147543              | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 41339               | 25.000 | ug/L   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 77583               | 29.553 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 118.200% |        |        |          |
| 7) Chloroethane-d5            | 2.897          | 69   | 66156               | 28.711 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 114.840% |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 87939               | 19.305 | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 77.200%  |        |        |          |
| 21) 2-Butanone-d5             | 7.079          | 46   | 17669               | 33.135 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 66.280%  |        |        |          |
| 24) Chloroform-d              | 7.652          | 84   | 118487              | 25.428 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 101.720% |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.311          | 65   | 59638               | 23.750 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 95.000%  |        |        |          |
| 32) Benzene-d6                | 8.280          | 84   | 225634              | 26.821 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 107.280% |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.280          | 67   | 69384               | 27.236 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 108.960% |        |        |          |
| 41) Toluene-d8                | 10.329         | 98   | 187427              | 24.312 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 97.240%  |        |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 22826               | 21.689 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 86.760%  |        |        |          |
| 47) 2-Hexanone-d5             | 10.926         | 63   | 11399               | 32.119 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 64.240%  |        |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694         | 84   | 44162               | 21.299 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 85.200%  |        |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 37784               | 26.646 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 106.600% |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        | Qvalue   |
| 16) Methylene chloride        | 4.921          | 84   | 6410                | 2.204  | ug/L   | 89       |
| 34) Trichloroethene           | 8.847          | 95   | 4964                | 2.109  | ug/L # | 5        |
| 35) Methylcyclohexane         | 9.335          | 83   | 1063                | 0.263  | ug/L # | 85       |
| 37) 1,2-Dichloropropane       | 9.274          | 63   | 8102                | 3.613  | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 10.042         | 75   | 1724                | 0.522  | ug/L # | 80       |
| 42) Toluene                   | 10.396         | 91   | 5854                | 0.610  | ug/L   | 96       |
| 48) 2-Hexanone                | 10.926         | 43   | 1793                | 2.160  | ug/L # | 60       |
| 61) 1,2,3-Trichloropropane    | 13.554         | 75   | 5705                | 7.039  | ug/L # | 64       |
| -----                         |                |      |                     |        |        |          |

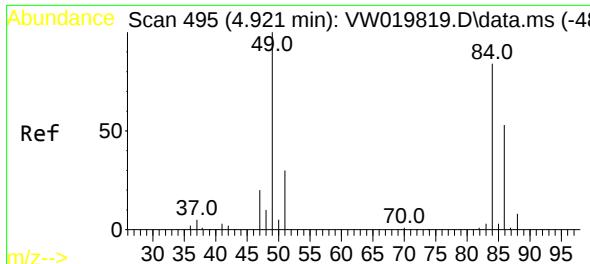
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 20 23:34:51 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Aug 20 23:32:55 2021  
Response via : Initial Calibration

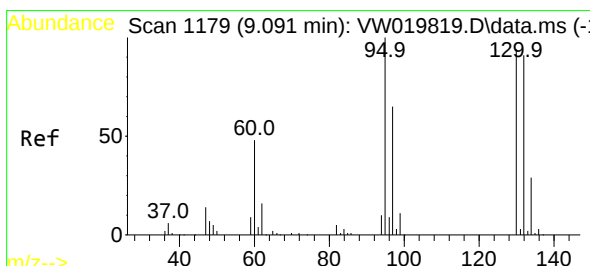
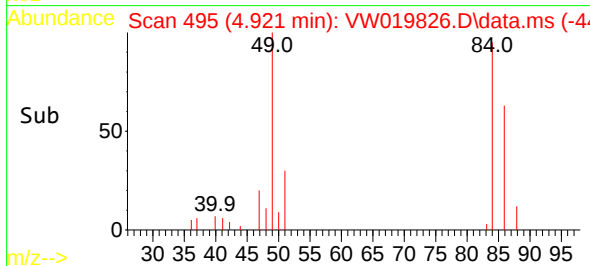
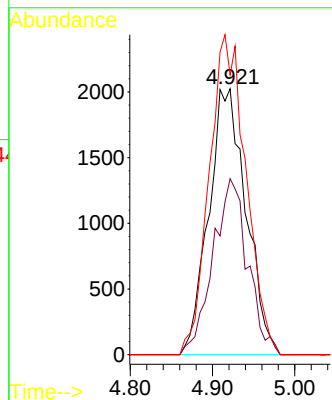
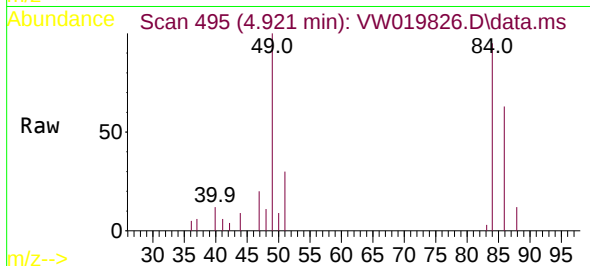




#16  
Methylene chloride  
Concen: 2.204 ug/L  
RT: 4.921 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW019826.D  
Acq: 20 Aug 2021 12:09

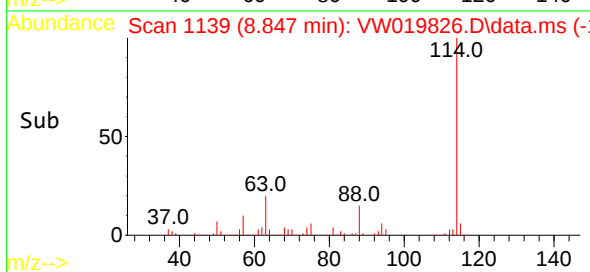
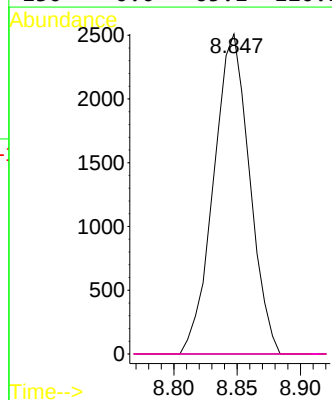
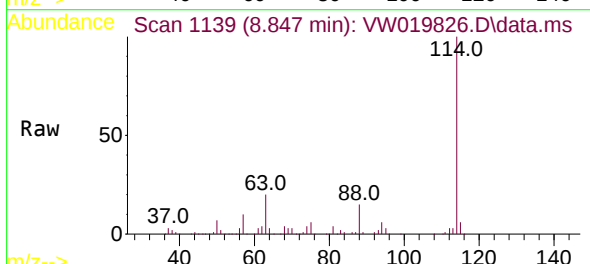
Instrument :  
MSVOA\_W  
ClientSampled :

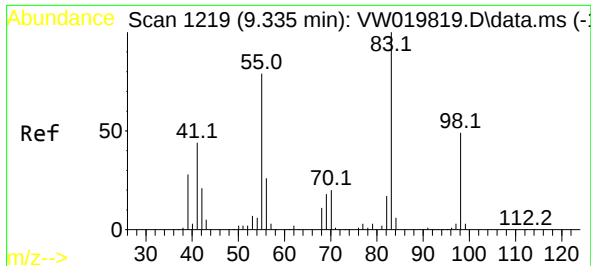
Tgt Ion: 84 Resp: 6410  
Ion Ratio Lower Upper  
84 100  
86 66.2 45.3 84.1  
49 105.1 86.6 160.8



#34  
Trichloroethene  
Concen: 2.109 ug/L  
RT: 8.847 min Scan# 1139  
Delta R.T. -0.244 min  
Lab File: VW019826.D  
Acq: 20 Aug 2021 12:09

Tgt Ion: 95 Resp: 4964  
Ion Ratio Lower Upper  
95 100  
97 0.0 47.3 87.8#  
132 0.0 71.0 131.8#  
130 0.0 65.1 120.9#

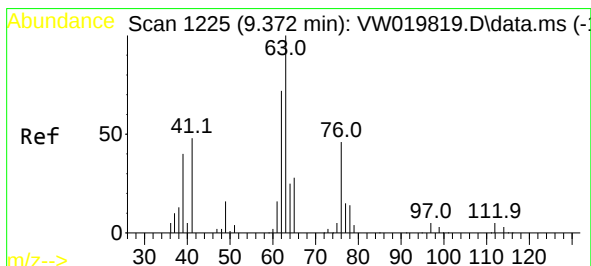
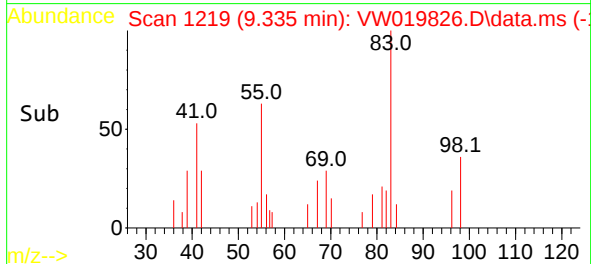
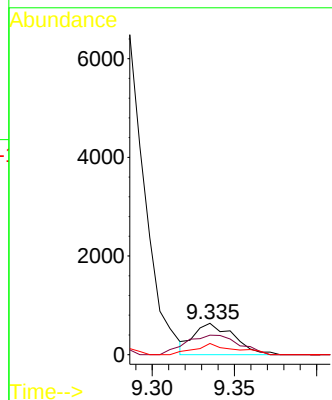
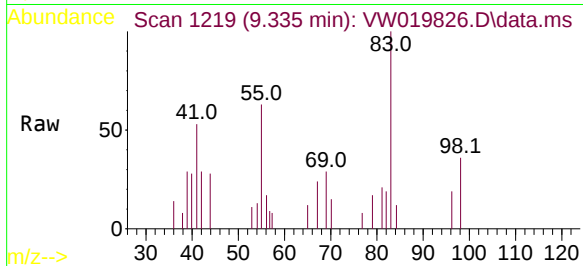




#35  
Methylcyclohexane  
Concen: 0.263 ug/L  
RT: 9.335 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: VW019826.D  
Acq: 20 Aug 2021 12:09

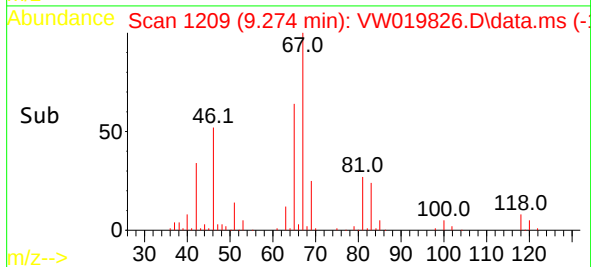
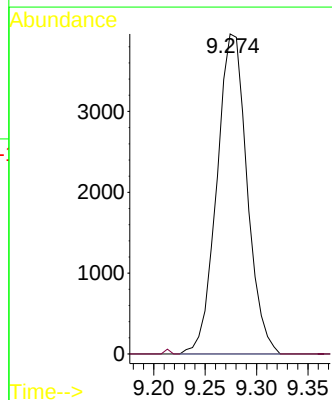
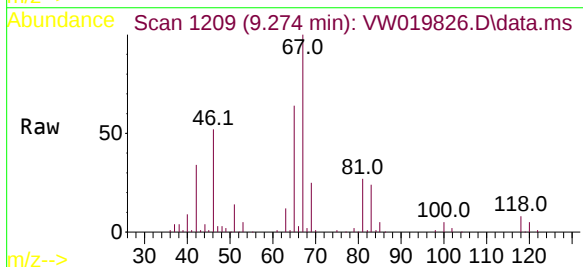
Instrument :  
MSVOA\_W  
ClientSampled :

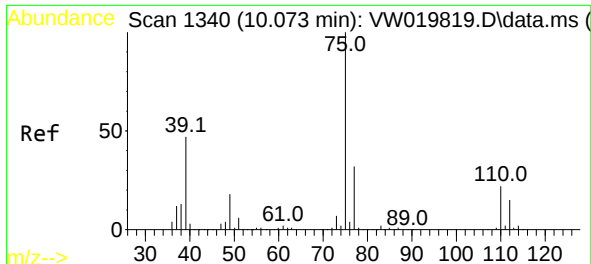
Tgt Ion: 83 Resp: 1063  
Ion Ratio Lower Upper  
83 100  
55 83.3 58.9 88.3  
98 35.7 40.1 60.1#



#37  
1,2-Dichloropropane  
Concen: 3.613 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.098 min  
Lab File: VW019826.D  
Acq: 20 Aug 2021 12:09

Tgt Ion: 63 Resp: 8102  
Ion Ratio Lower Upper  
63 100  
112 0.2 3.9 5.9#

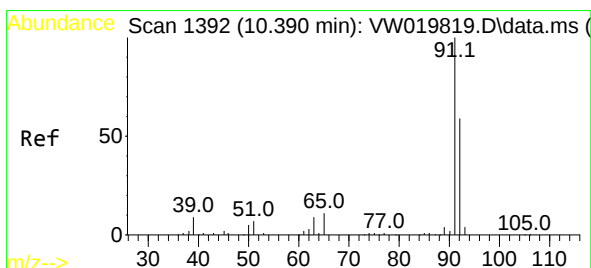
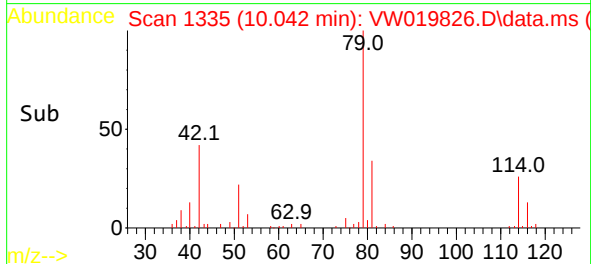
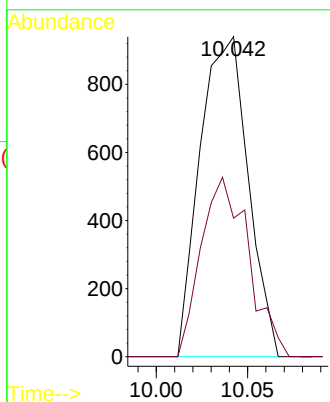
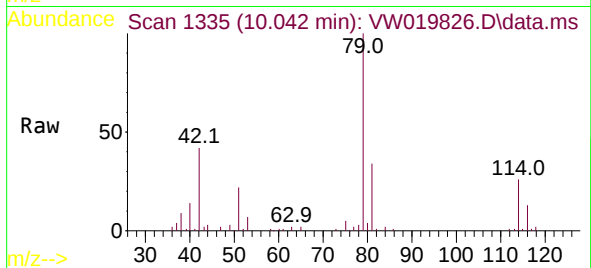




#39  
cis-1,3-Dichloropropene  
Concen: 0.522 ug/L  
RT: 10.042 min Scan# 1335  
Delta R.T. -0.031 min  
Lab File: VW019826.D  
Acq: 20 Aug 2021 12:09

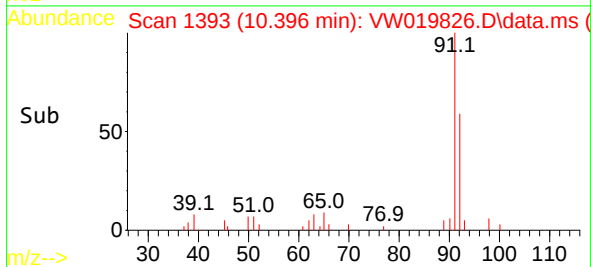
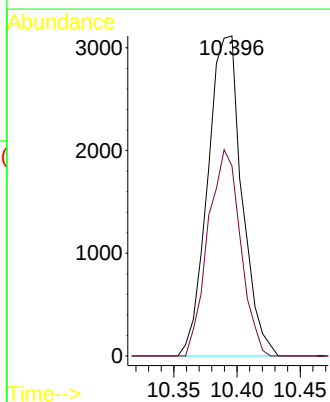
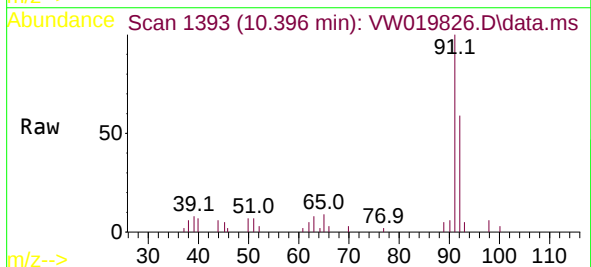
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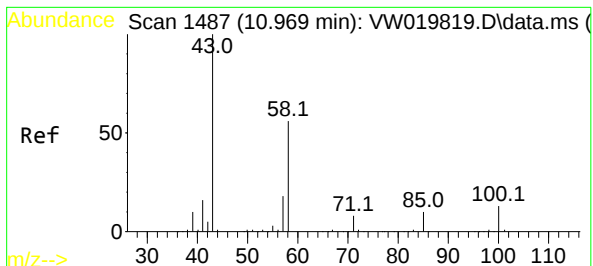
Tgt Ion: 75 Resp: 1724  
Ion Ratio Lower Upper  
75 100  
77 43.3 22.6 42.0#



#42  
Toluene  
Concen: 0.610 ug/L  
RT: 10.396 min Scan# 1393  
Delta R.T. 0.006 min  
Lab File: VW019826.D  
Acq: 20 Aug 2021 12:09

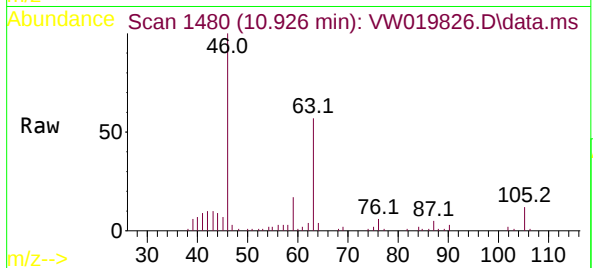
Tgt Ion: 91 Resp: 5854  
Ion Ratio Lower Upper  
91 100  
92 59.4 39.5 73.3



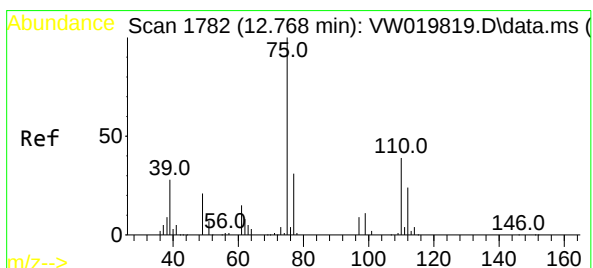
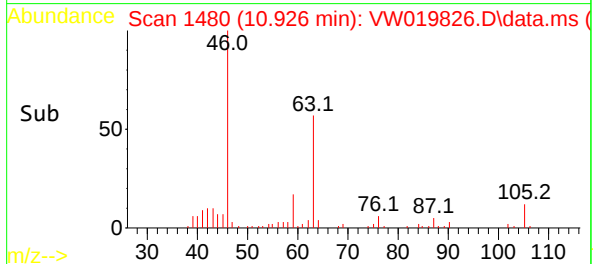
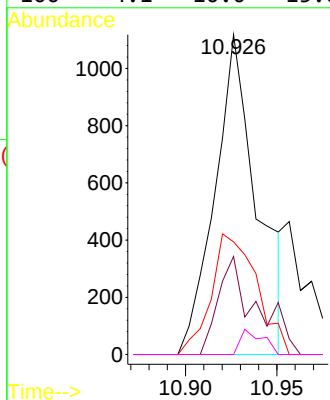


#48  
2-Hexanone  
Concen: 2.160 ug/L  
RT: 10.926 min Scan# 1480  
Delta R.T. -0.043 min  
Lab File: VW019826.D  
Acq: 20 Aug 2021 12:09

Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion: 43 Resp: 1793  
Ion Ratio Lower Upper  
43 100  
58 22.9 42.7 64.1#  
57 40.8 15.8 23.8#  
100 4.1 10.0 15.0#



#61  
1,2,3-Trichloropropane  
Concen: 7.039 ug/L  
RT: 13.554 min Scan# 1911  
Delta R.T. 0.786 min  
Lab File: VW019826.D  
Acq: 20 Aug 2021 12:09

Tgt Ion: 75 Resp: 5705  
Ion Ratio Lower Upper  
75 100  
77 33.2 25.3 37.9  
110 2.3 32.6 48.8#

