

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_w\Data\Vw122120\  
 Data File : Vw017691.D  
 Acq On : 21 Dec 2020 17:17  
 Operator : SY/VA  
 Sample : L5176-07  
 Misc : 3.67G/5ML/MSVOA\_w/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CHRT-25299

Manual Integrations  
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MMDadoda  
 12/22/2020 11:17:48 AM

Quant Time: Dec 22 03:47:46 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_w\Method\82W121420S.M  
 Quant Title : Sw846 8260  
 QLast Update : Mon Dec 14 12:39:23 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|--------|------|----------|-------|---------|-----------|
| -----                       |        |      |          |       |         |           |
| Internal Standards          |        |      |          |       |         |           |
| 1) Pentafluorobenzene       | 7.945  | 168  | 271820   | 50.00 | ug/l    | # 0.00    |
| 34) 1,4-Difluorobenzene     | 8.842  | 114  | 456471   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.634 | 117  | 426796   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.560 | 152  | 196215   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |        |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.305  | 65   | 153040   | 46.22 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 92.44%  |           |
| 35) Dibromofluoromethane    | 7.885  | 113  | 142352   | 47.13 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 94.26%  |           |
| 50) Toluene-d8              | 10.323 | 98   | 550012   | 46.77 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 93.54%  |           |
| 62) 4-Bromofluorobenzene    | 12.621 | 95   | 211604   | 50.39 | ug/l    | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 100.78% |           |
| Target Compounds            |        |      |          |       |         |           |
| 16) Acetone                 | 4.129  | 43   | 13213    | 18.34 | ug/l    | Qvalue 96 |
| 18) Methyl Acetate          | 4.678  | 43   | 3434m    | 2.35  | ug/l    |           |
| -----                       |        |      |          |       |         |           |

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

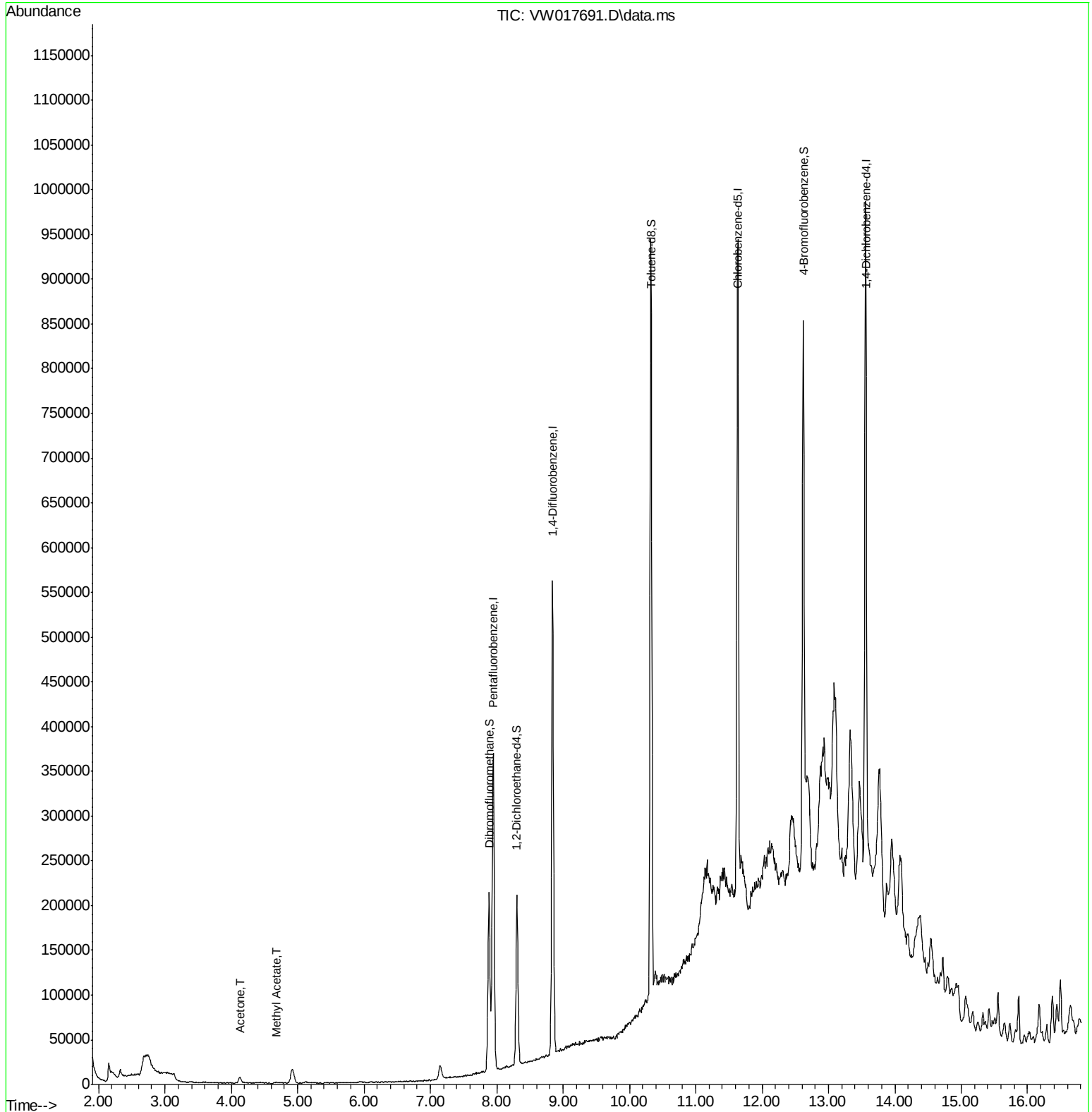
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\Vw122120\  
Data File : VW017691.D  
Acq On : 21 Dec 2020 17:17  
Operator : SY/VA  
Sample : L5176-07  
Misc : 3.67G/5ML/MSVOA\_W/SOIL  
ALS Vial : 10 Sample Multiplier: 1

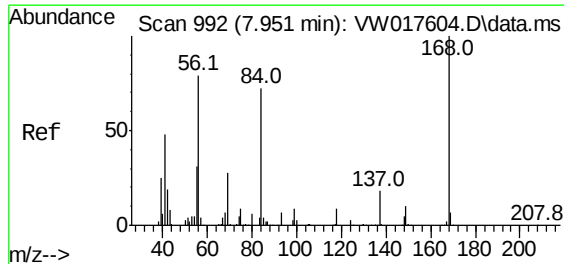
Instrument :  
MSVOA\_W  
ClientSampleId :  
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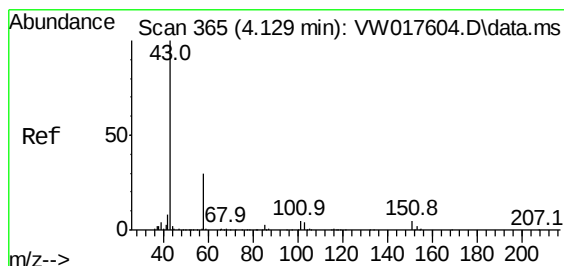
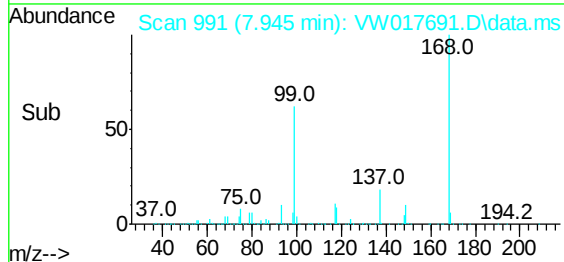
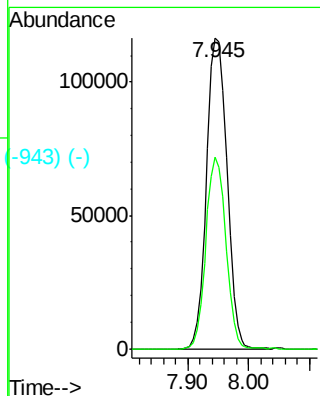
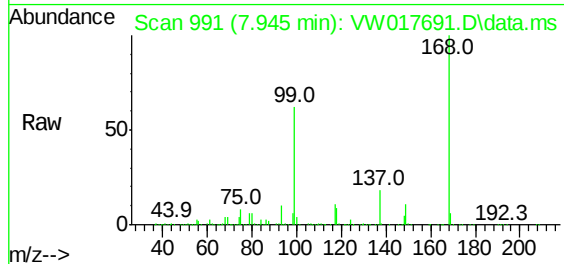
Quant Time: Dec 22 03:47:46 2020  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82w121420S.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 14 12:39:23 2020  
Response via : Initial Calibration





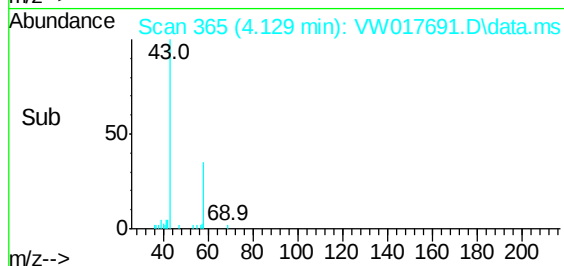
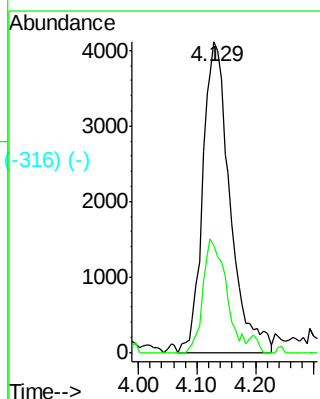
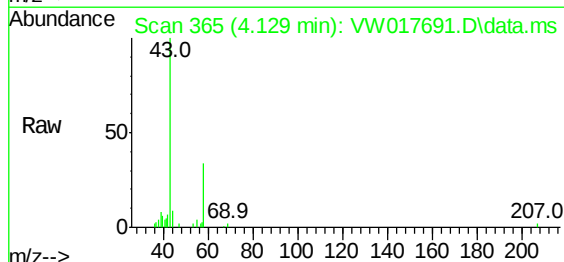
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.945 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VW017691.D  
Acq: 21 Dec 2020 17:17

Tgt Ion: 168 Resp: 271820  
Ion Ratio Lower Upper  
168 100  
99 61.6 40.7 61.1#



Acetone  
Concen: 18.34 ug/l  
RT: 4.129 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: VW017691.D  
Acq: 21 Dec 2020 17:17

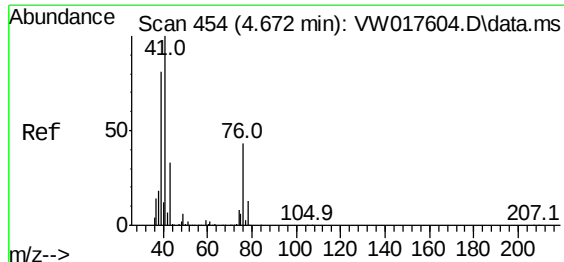
Tgt Ion: 43 Resp: 13213  
Ion Ratio Lower Upper  
43 100  
58 34.4 25.7 38.5



Instrument :  
MSVOA\_W  
ClientSampleId :  
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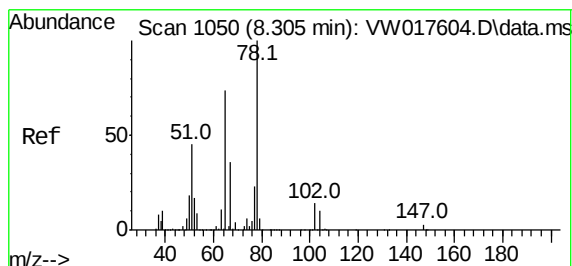
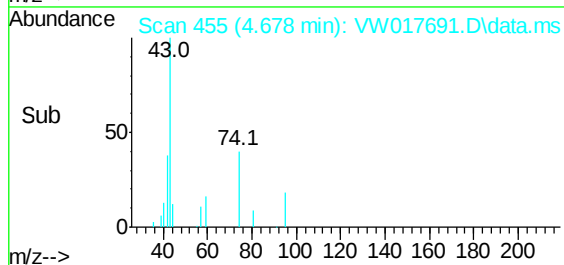
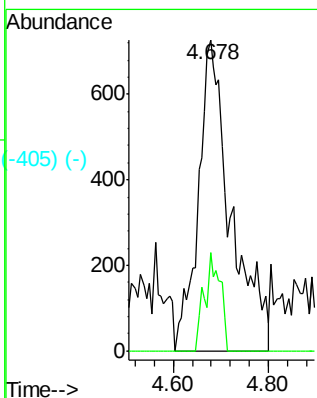
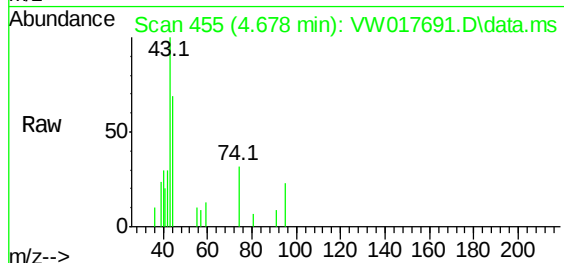
Methyl Acetate  
 Concen: 2.35 ug/l m  
 RT: 4.678 min Scan# 455  
 Delta R.T. 0.006 min  
 Lab File: VW017691.D  
 Acq: 21 Dec 2020 17:17

Tgt Ion: 43 Resp: 3434  
 Ion Ratio Lower Upper  
 43 100  
 74 15.4 23.8 35.6#

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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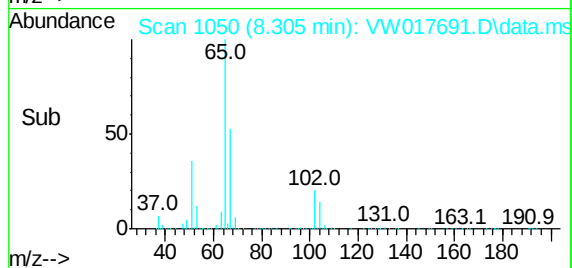
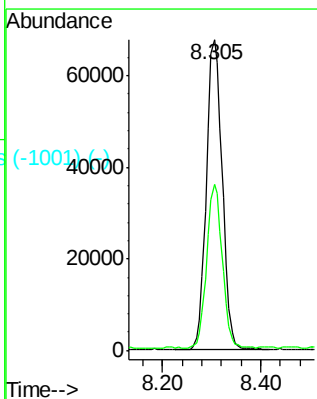
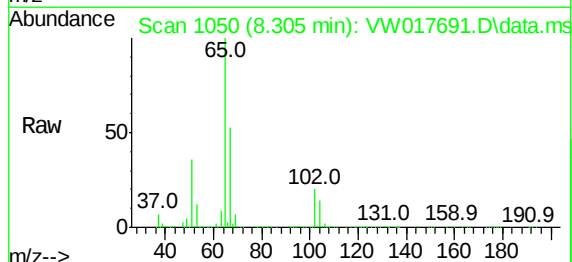
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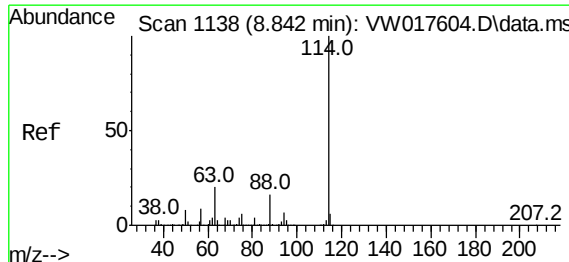
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1,2-Dichloroethane-d4  
 Concen: 46.22 ug/l  
 RT: 8.305 min Scan# 1050  
 Delta R.T. 0.000 min  
 Lab File: VW017691.D  
 Acq: 21 Dec 2020 17:17

Tgt Ion: 65 Resp: 153040  
 Ion Ratio Lower Upper  
 65 100  
 67 51.7 0.0 103.8





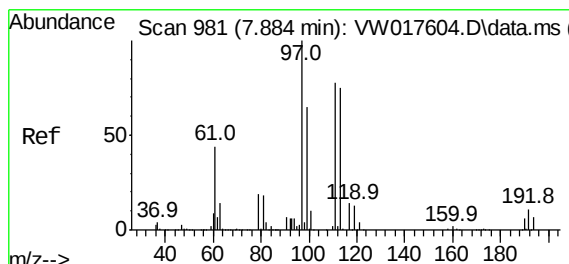
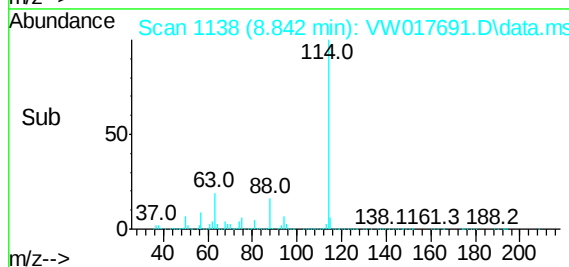
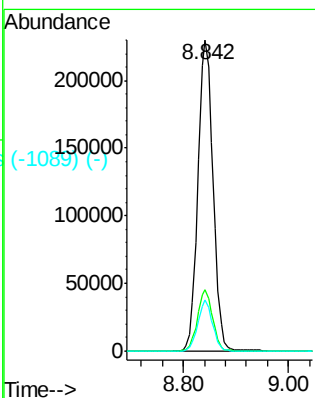
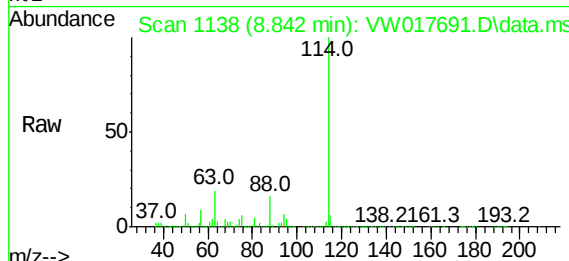
#948 (-)  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.000 min  
Lab File: VW017691.D  
Acq: 21 Dec 2020 17:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 456471 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 19.5  | 0.0   | 35.6   |
| 88        | 16.2  | 0.0   | 30.4   |

Instrument :  
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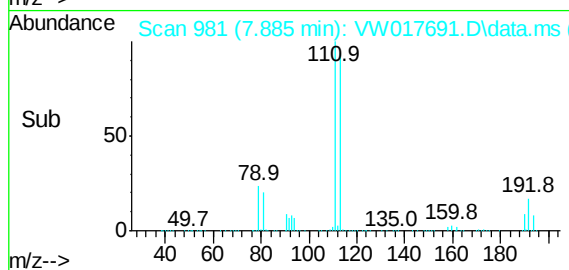
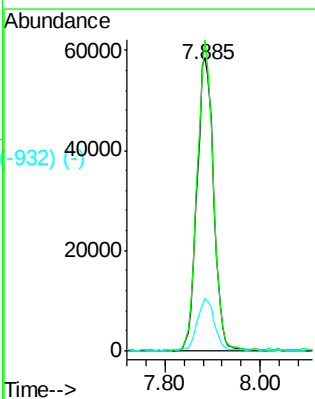
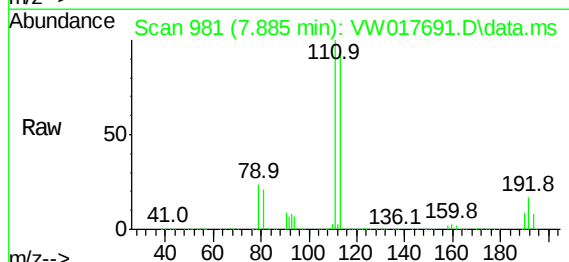
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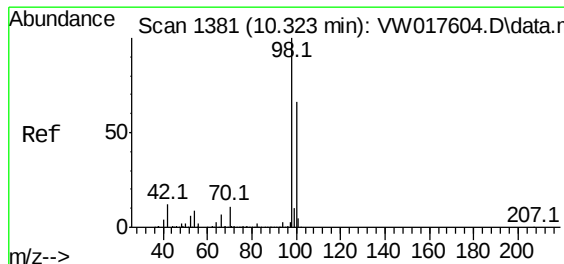
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#949 (-)  
Dibromofluoromethane  
Concen: 47.13 ug/l  
RT: 7.885 min Scan# 981  
Delta R.T. 0.001 min  
Lab File: VW017691.D  
Acq: 21 Dec 2020 17:17

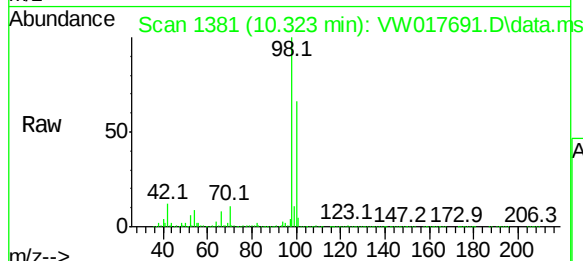
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 142352 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.7 | 81.4  | 122.2  |
| 192       | 18.0  | 17.8  | 26.8   |





#50  
Toluene-d8  
Concen: 46.77 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VW017691.D  
Acq: 21 Dec 2020 17:17

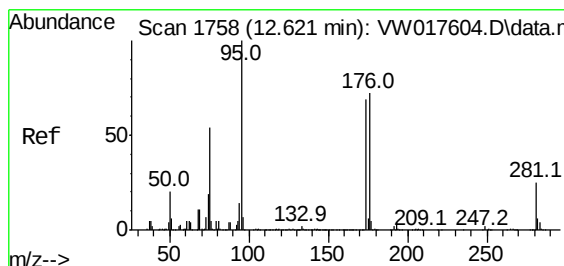
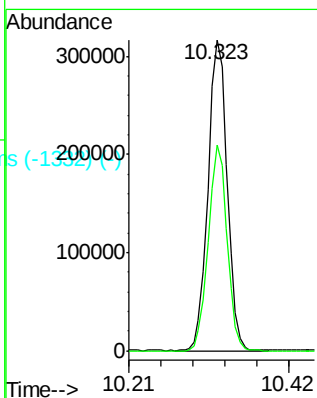
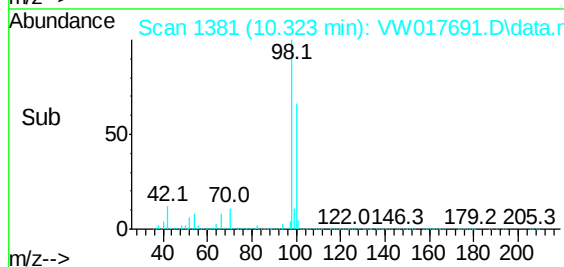
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MSVOA\_W  
ClientSampleId :  
CHRT-25299



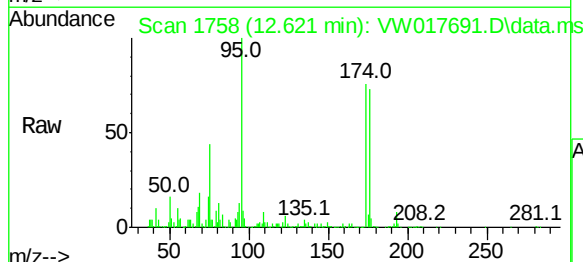
Tgt Ion: 98 Resp: 550012  
Ion Ratio Lower Upper  
98 100  
100 65.2 53.3 79.9

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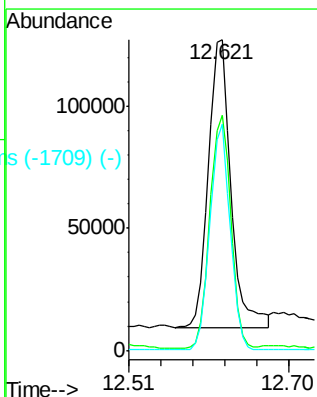
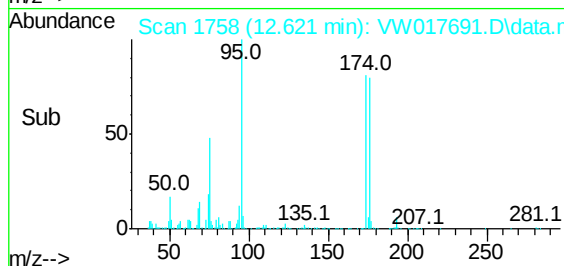
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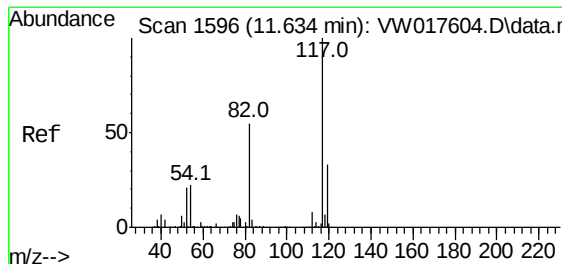


#62  
4-Bromofluorobenzene  
Concen: 50.39 ug/l  
RT: 12.621 min Scan# 1758  
Delta R.T. 0.000 min  
Lab File: VW017691.D  
Acq: 21 Dec 2020 17:17



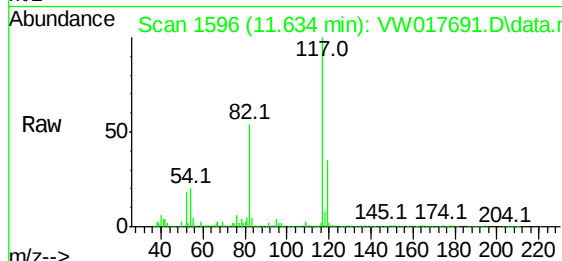
Tgt Ion: 95 Resp: 211604  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 180.6  
176 69.9 0.0 177.6





#6386 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW017691.D  
Acq: 21 Dec 2020 17:17

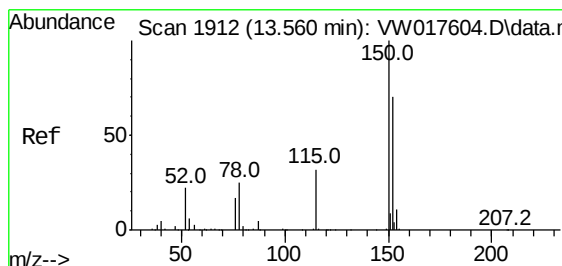
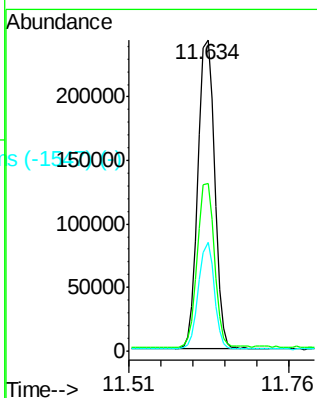
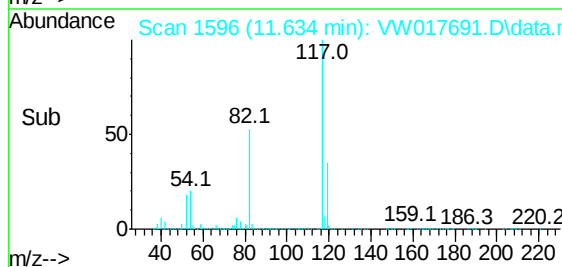
Instrument :  
MSVOA\_W  
ClientSampleId :  
CHRT-25299



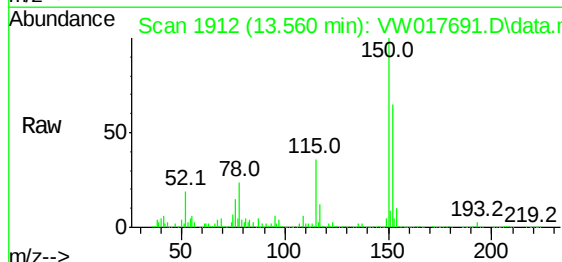
Tgt Ion:117 Resp: 426796  
Ion Ratio Lower Upper  
117 100  
82 53.1 40.7 61.1  
119 34.5 25.0 37.4

Manual Integrations  
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#7204 (-)  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.560 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VW017691.D  
Acq: 21 Dec 2020 17:17



Tgt Ion:152 Resp: 196215  
Ion Ratio Lower Upper  
152 100  
115 58.1 27.9 83.7  
150 155.1 0.0 344.0

