

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052621\  
 Data File : VN067176.D  
 Acq On : 26 May 2021 18:52  
 Operator : JC/MD  
 Sample : M2529-04 50X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 41815

Manual Integrations  
 APPROVED

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 5/28/2021 2:36:38 PM

Quant Time: May 27 02:42:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N052121W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 21 17:24:08 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon           | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|----------------|----------|-----------|-------|----------|
| -----                       |        |                |          |           |       |          |
| Internal Standards          |        |                |          |           |       |          |
| 1) Pentafluorobenzene       | 7.594  | 168            | 304116   | 50.00     | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.522  | 114            | 561907   | 50.00     | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.357 | 117            | 486260   | 50.00     | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.299 | 152            | 191816   | 50.00     | ug/l  | 0.00     |
| System Monitoring Compounds |        |                |          |           |       |          |
| 33) 1,2-Dichloroethane-d4   | 7.959  | 65             | 240827   | 51.03     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 61 - 141 | Recovery | = 102.06% |       |          |
| 35) Dibromofluoromethane    | 7.517  | 113            | 180954   | 52.48     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 69 - 133 | Recovery | = 104.96% |       |          |
| 50) Toluene-d8              | 10.035 | 98             | 693316   | 52.24     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 65 - 126 | Recovery | = 104.48% |       |          |
| 62) 4-Bromofluorobenzene    | 12.358 | 95             | 235323   | 51.87     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 58 - 135 | Recovery | = 103.74% |       |          |
| Target Compounds            |        |                |          |           |       |          |
| 16) Acetone                 | 3.778  | 43             | 9845m    | 5.07      | ug/l  | Qvalue   |
| 40) Benzene                 | 7.975  | 78             | 8252     | 0.48      | ug/l  | 98       |
| 52) Toluene                 | 10.099 | 92             | 12089    | 1.16      | ug/l  | 86       |
| -----                       |        |                |          |           |       |          |

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

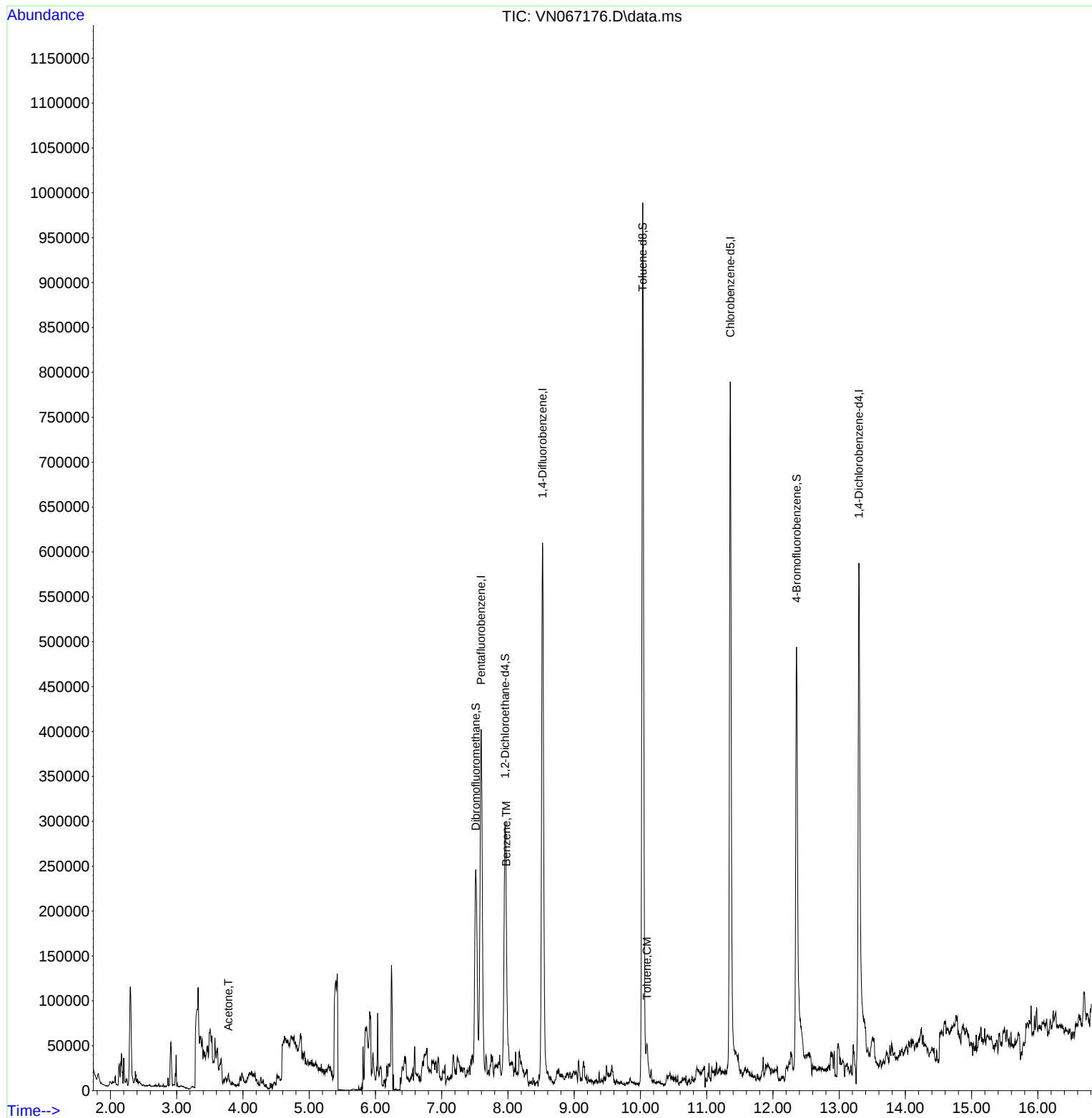
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052621\  
Data File : VN067176.D  
Acq On : 26 May 2021 18:52  
Operator : JC/MD  
Sample : M2529-04 50X  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 12 Sample Multiplier: 1

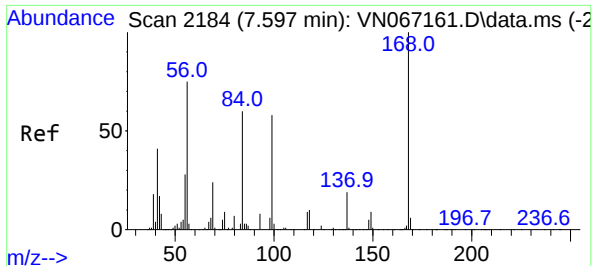
Instrument :  
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Quant Time: May 27 02:42:31 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N052121W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 21 17:24:08 2021  
Response via : Initial Calibration





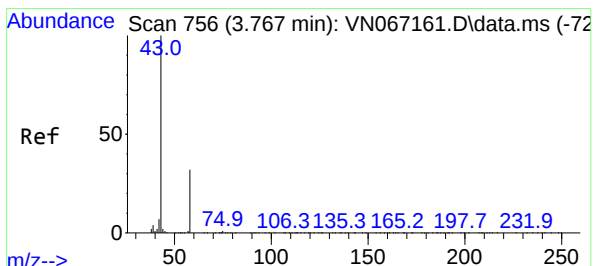
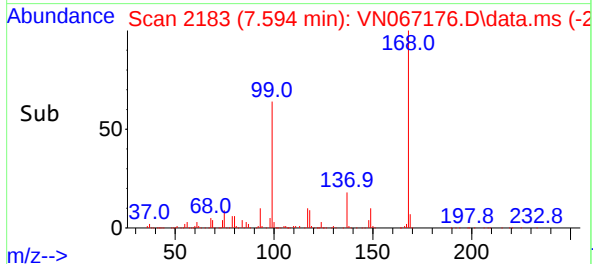
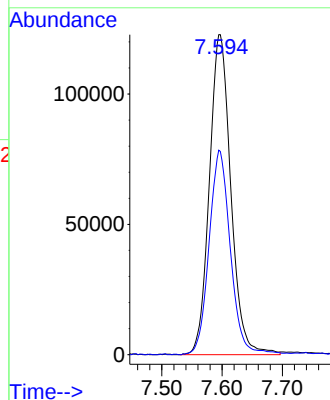
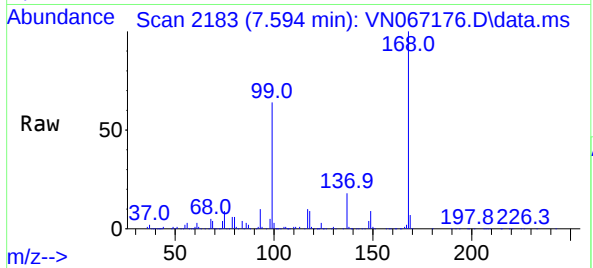
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Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.594 min Scan# 2183  
Delta R.T. -0.003 min  
Lab File: VN067176.D  
Acq: 26 May 2021 18:52

Tgt Ion:168 Resp: 304116  
Ion Ratio Lower Upper  
168 100  
99 63.9 38.5 57.7#

Instrument :  
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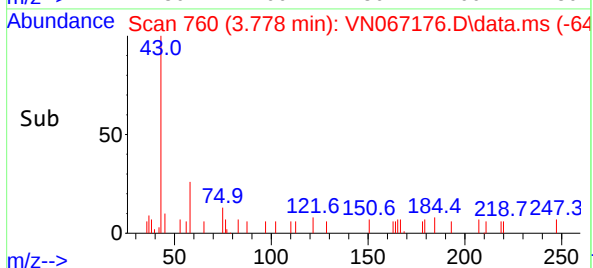
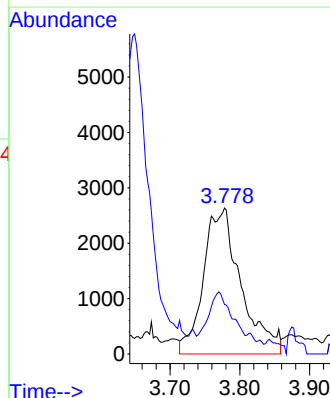
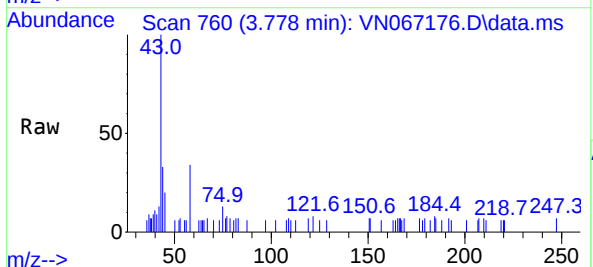
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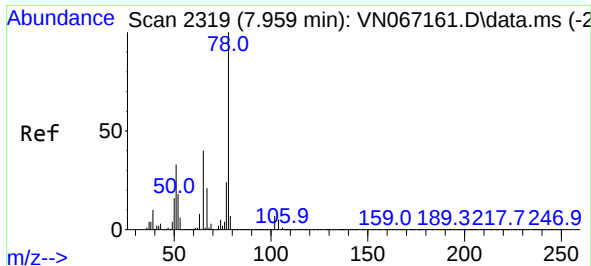
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#16  
Acetone  
Concen: 5.07 ug/l m  
RT: 3.778 min Scan# 760  
Delta R.T. 0.011 min  
Lab File: VN067176.D  
Acq: 26 May 2021 18:52

Tgt Ion: 43 Resp: 9845  
Ion Ratio Lower Upper  
43 100  
58 33.9 27.2 40.8





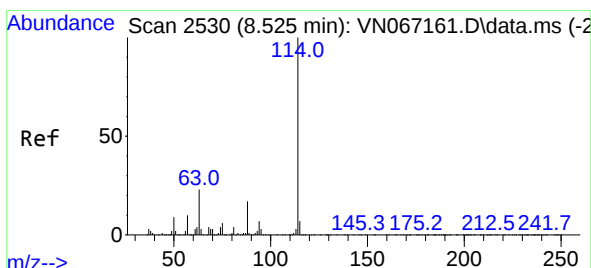
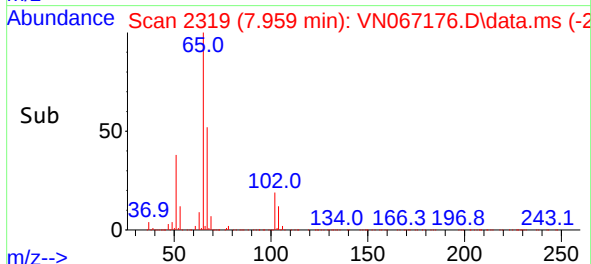
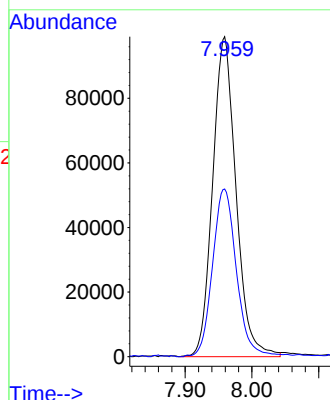
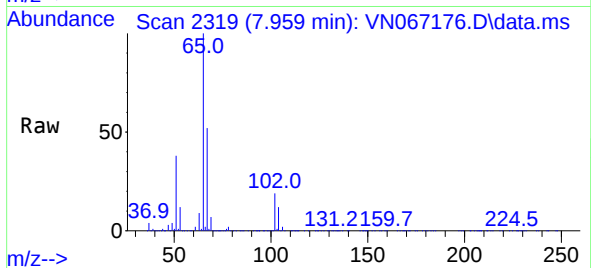
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1,2-Dichloroethane-d4  
Concen: 51.03 ug/l  
RT: 7.959 min Scan# 2319  
Delta R.T. 0.000 min  
Lab File: VN067176.D  
Acq: 26 May 2021 18:52

Tgt Ion: 65 Resp: 240827  
Ion Ratio Lower Upper  
65 100  
67 53.7 0.0 110.4

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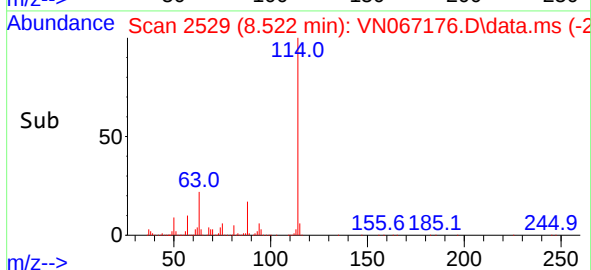
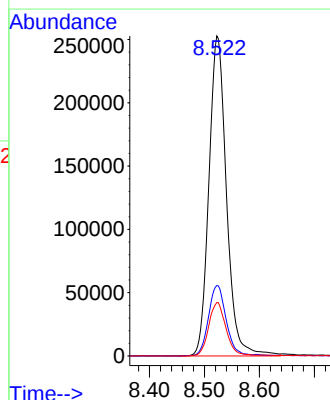
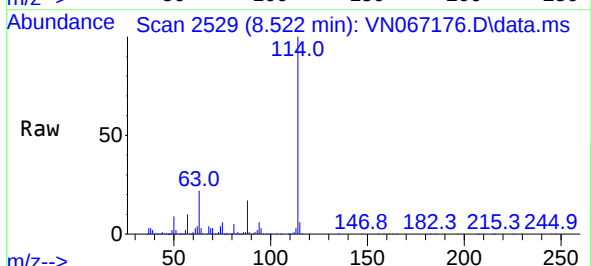
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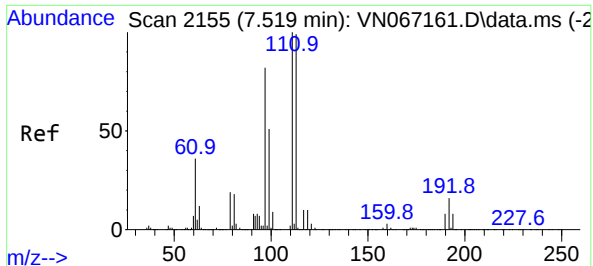
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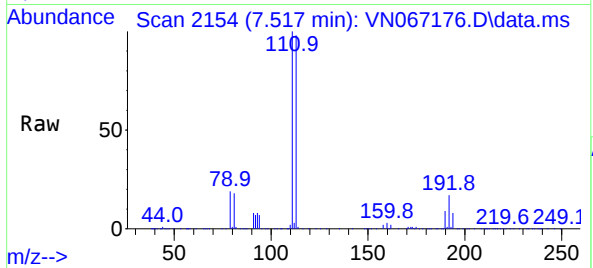
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.522 min Scan# 2529  
Delta R.T. -0.003 min  
Lab File: VN067176.D  
Acq: 26 May 2021 18:52

Tgt Ion: 114 Resp: 561907  
Ion Ratio Lower Upper  
114 100  
63 22.0 0.0 35.8  
88 16.7 0.0 30.4

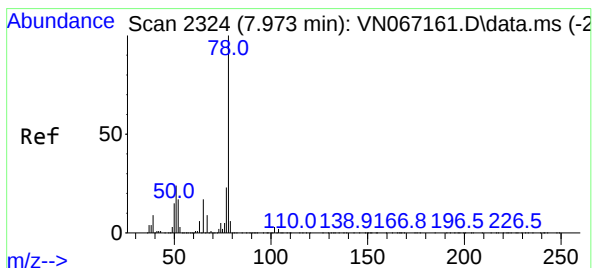
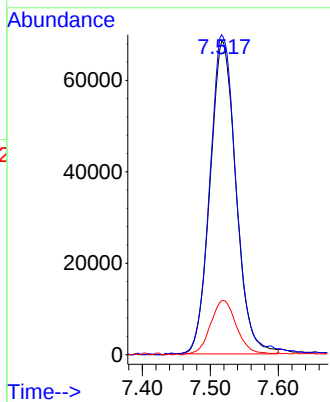
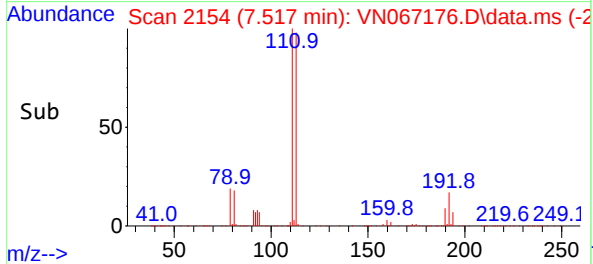




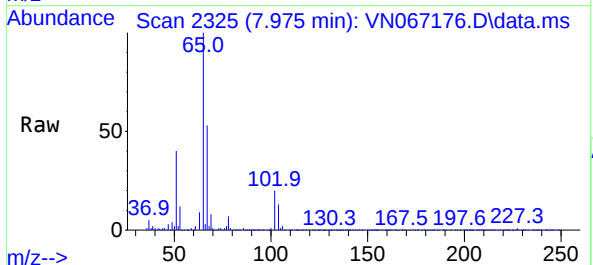
#35  
Dibromofluoromethane  
Concen: 52.48 ug/l  
RT: 7.517 min Scan# 2154  
Delta R.T. -0.002 min  
Lab File: VN067176.D  
Acq: 26 May 2021 18:52



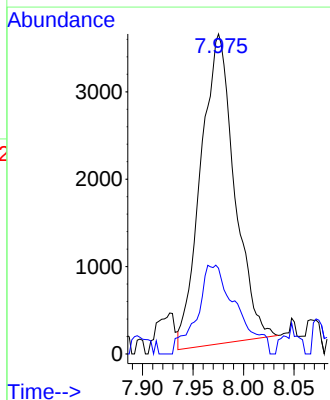
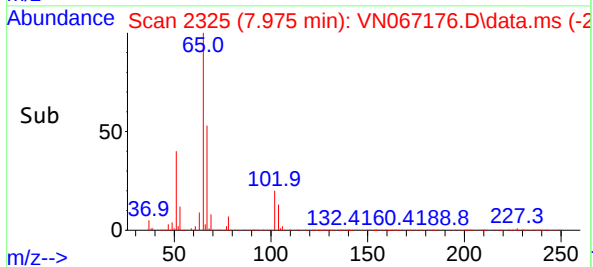
Tgt Ion: 113 Resp: 180954  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.6 124.0  
192 17.6 18.2 27.4#



#40  
Benzene  
Concen: 0.48 ug/l  
RT: 7.975 min Scan# 2325  
Delta R.T. 0.002 min  
Lab File: VN067176.D  
Acq: 26 May 2021 18:52



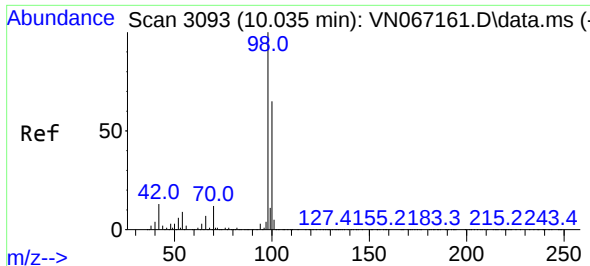
Tgt Ion: 78 Resp: 8252  
Ion Ratio Lower Upper  
78 100  
77 23.8 18.4 27.6



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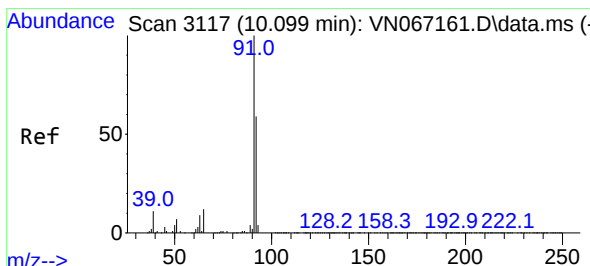
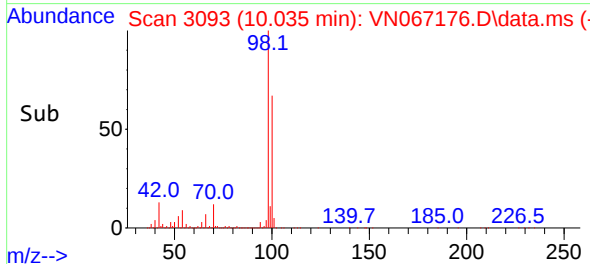
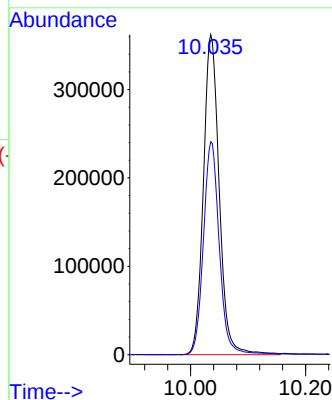
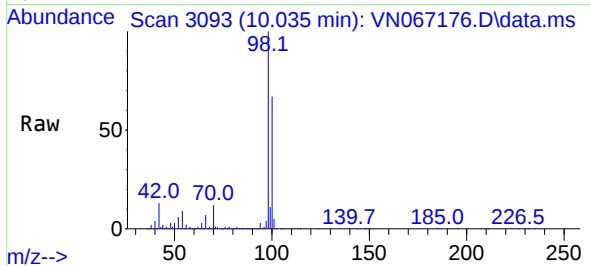
#50  
Toluene-d8  
Concen: 52.24 ug/l  
RT: 10.035 min Scan# 3093  
Delta R.T. -0.000 min  
Lab File: VN067176.D  
Acq: 26 May 2021 18:52

Tgt Ion: 98 Resp: 693316  
Ion Ratio Lower Upper  
98 100  
100 66.6 51.8 77.8

Instrument :  
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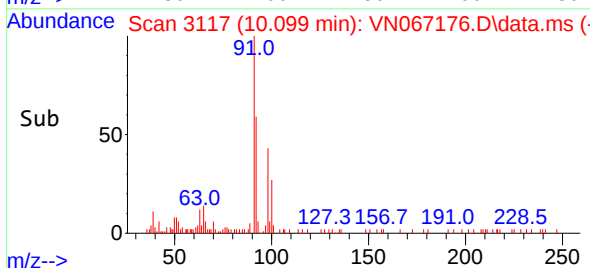
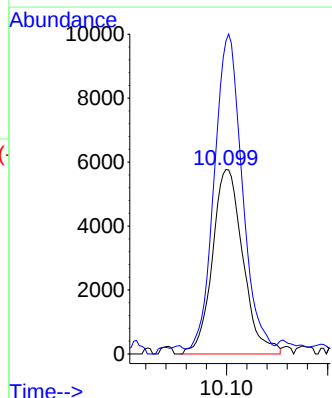
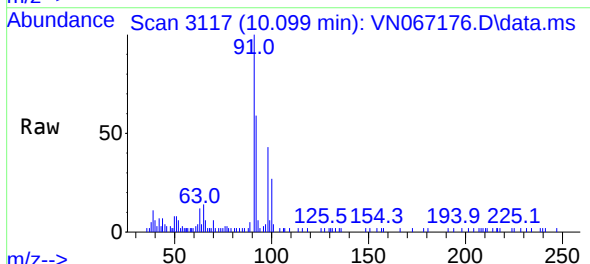
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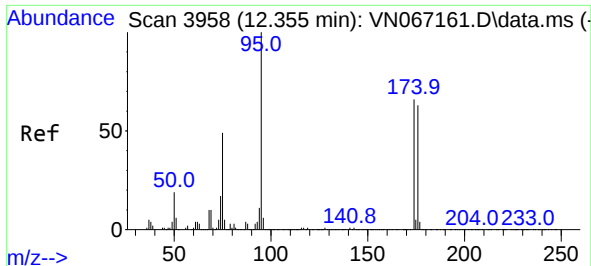
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#52  
Toluene  
Concen: 1.16 ug/l  
RT: 10.099 min Scan# 3117  
Delta R.T. 0.000 min  
Lab File: VN067176.D  
Acq: 26 May 2021 18:52

Tgt Ion: 92 Resp: 12089  
Ion Ratio Lower Upper  
92 100  
91 154.4 138.7 208.1





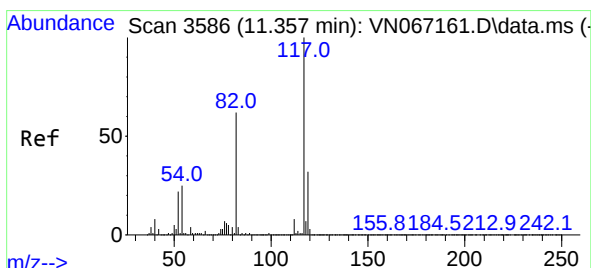
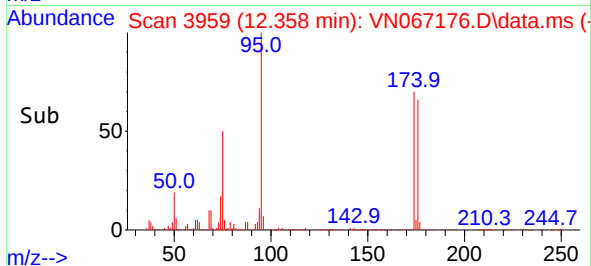
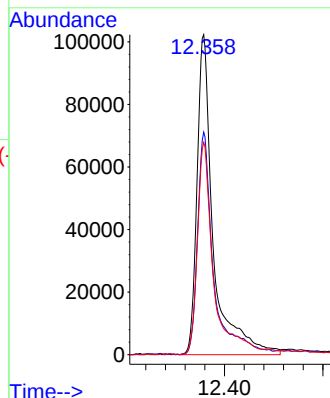
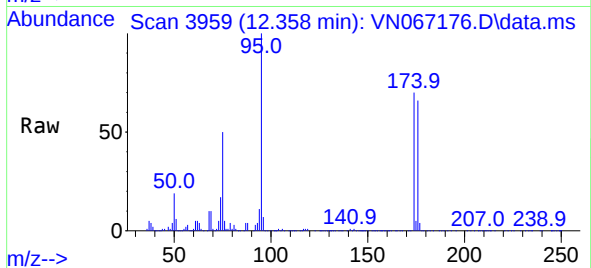
#62  
4-Bromofluorobenzene  
Concen: 51.87 ug/l  
RT: 12.358 min Scan# 3959  
Delta R.T. 0.003 min  
Lab File: VN067176.D  
Acq: 26 May 2021 18:52

Tgt Ion: 95 Resp: 235323  
Ion Ratio Lower Upper  
95 100  
174 68.5 0.0 182.8  
176 65.4 0.0 176.6

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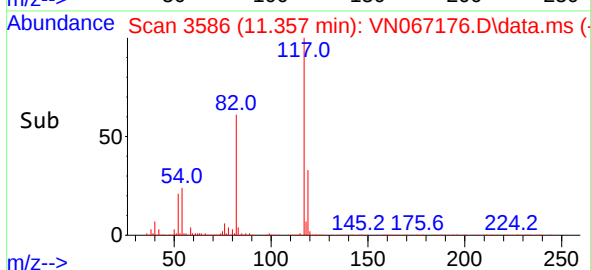
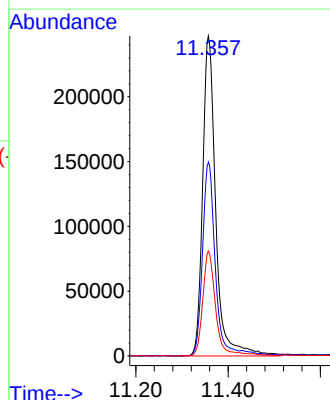
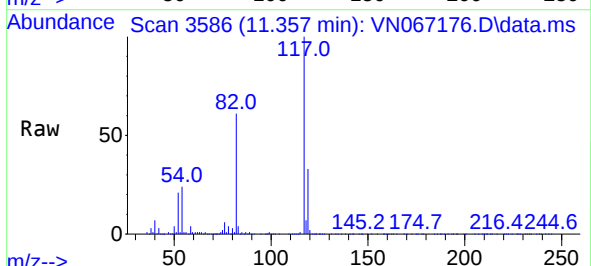
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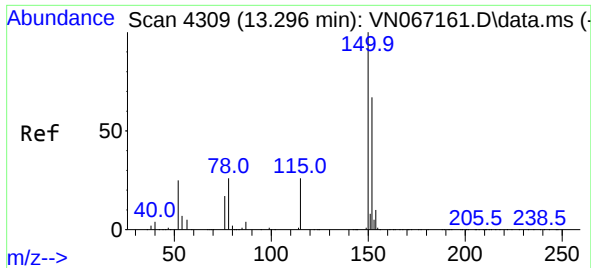
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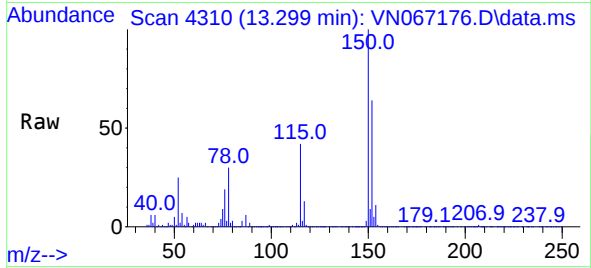
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.357 min Scan# 3586  
Delta R.T. 0.000 min  
Lab File: VN067176.D  
Acq: 26 May 2021 18:52

Tgt Ion: 117 Resp: 486260  
Ion Ratio Lower Upper  
117 100  
82 60.5 42.2 63.2  
119 32.7 25.8 38.6

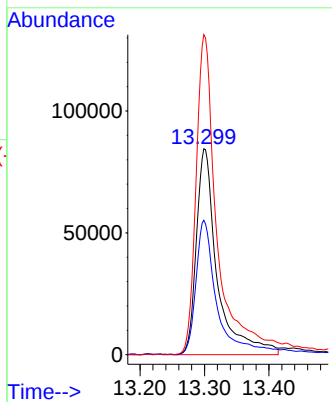
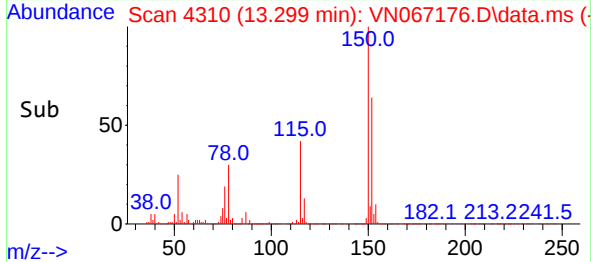




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.299 min Scan# 4310  
 Delta R.T. 0.003 min  
 Lab File: VN067176.D  
 Acq: 26 May 2021 18:52



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 191816 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 65.5  | 27.0  | 80.8   |
| 150       | 156.9 | 0.0   | 350.2  |



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