

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091721\  
 Data File : VY006069.D  
 Acq On : 17 Sep 2021 14:28  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VIBLK

Manual Integrations  
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 9/20/2021 6:52:23 PM

Quant Time: Sep 20 01:41:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 15 05:01:47 2021  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 7.795          | 168  | 164187              | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697          | 114  | 262592              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.489         | 117  | 241453              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428         | 152  | 117930              | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.148          | 65   | 115960              | 50.845 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = 101.700% |        |       |          |
| 35) Dibromofluoromethane    | 7.728          | 113  | 84291               | 51.680 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = 103.360% |        |       |          |
| 50) Toluene-d8              | 10.184         | 98   | 346674              | 49.871 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 49 - 140 |      | Recovery = 99.740%  |        |       |          |
| 62) 4-Bromofluorobenzene    | 12.483         | 95   | 121394              | 51.435 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 25 - 144 |      | Recovery = 102.880% |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       | Qvalue   |
| 20) Methylene Chloride      | 4.722          | 84   | 24379               | 8.647  | ug/l  | 87       |
| 64) Tetrachloroethene       | 10.721         | 164  | 14503               | 7.344  | ug/l  | 98       |
| 80) 1,3,5-Trimethylbenzene  | 12.812         | 105  | 14653               | 1.913  | ug/l  | 97       |
| 84) 1,2,4-Trimethylbenzene  | 13.123         | 105  | 37974               | 4.998  | ug/l  | 98       |
| 89) n-Butylbenzene          | 13.696         | 91   | 8213m               | 1.049  | ug/l  |          |
| -----                       |                |      |                     |        |       |          |

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

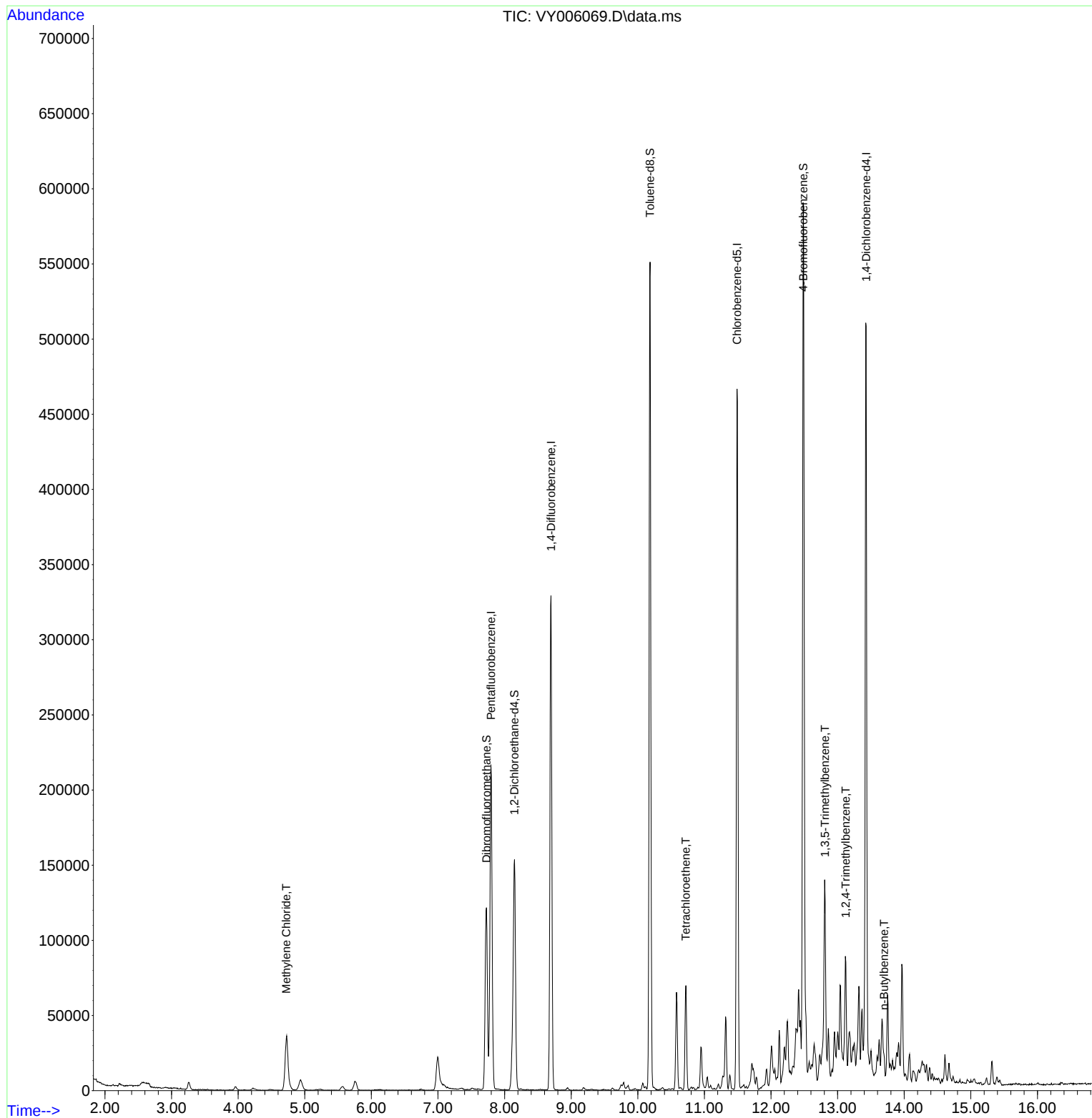
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091721\  
Data File : VY006069.D  
Acq On : 17 Sep 2021 14:28  
Operator : SY/MD  
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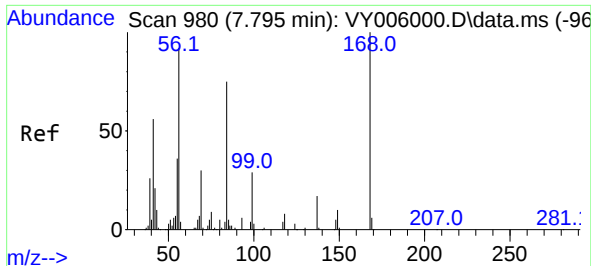
Instrument :  
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VIBLK

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Quant Time: Sep 20 01:41:02 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 15 05:01:47 2021  
Response via : Initial Calibration





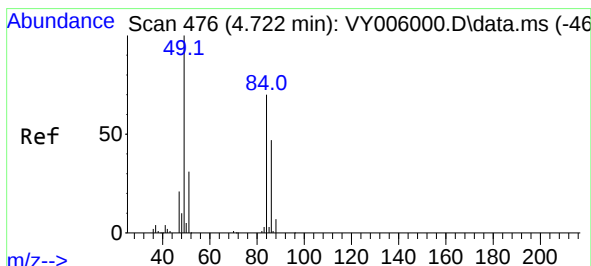
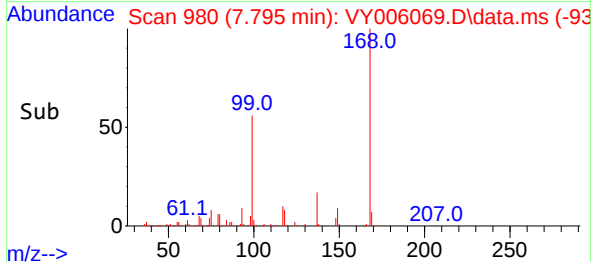
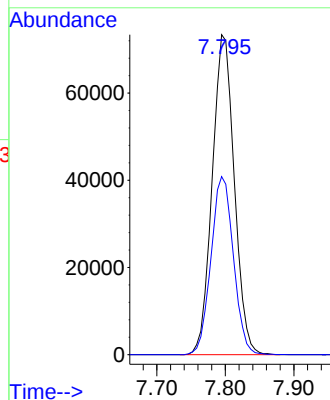
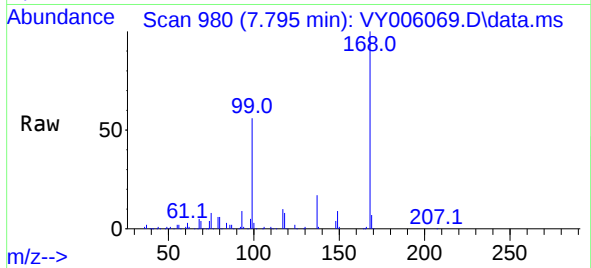
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.000 min  
Lab File: VY006069.D  
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Tgt Ion: 168 Resp: 164187  
Ion Ratio Lower Upper  
168 100  
99 55.7 46.9 70.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

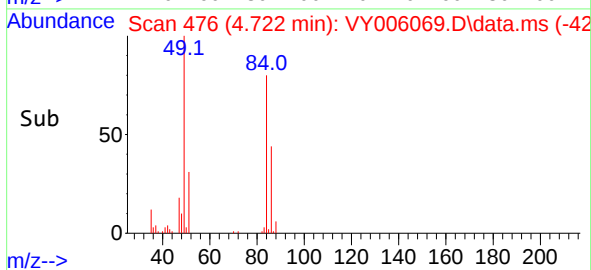
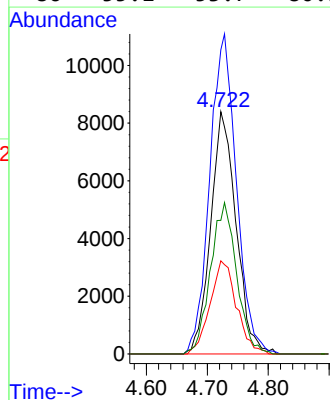
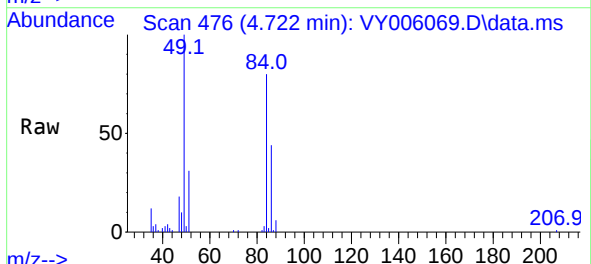
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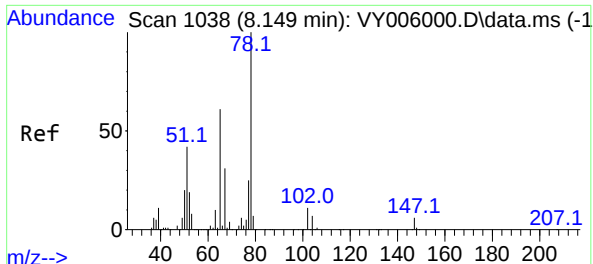
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#20  
Methylene Chloride  
Concen: 8.647 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VY006069.D  
Acq: 17 Sep 2021 14:28

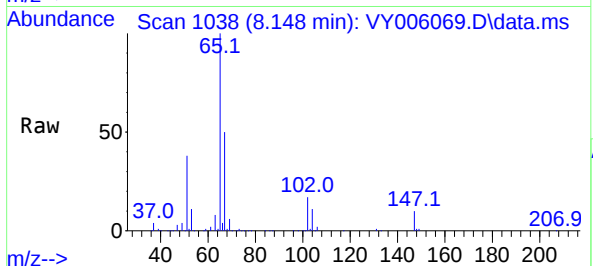
Tgt Ion: 84 Resp: 24379  
Ion Ratio Lower Upper  
84 100  
49 125.6 114.4 171.6  
51 38.4 35.3 52.9  
86 55.1 53.7 80.5





#33  
1,2-Dichloroethane-d4  
Concen: 50.845 ug/l  
RT: 8.148 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY006069.D  
Acq: 17 Sep 2021 14:28

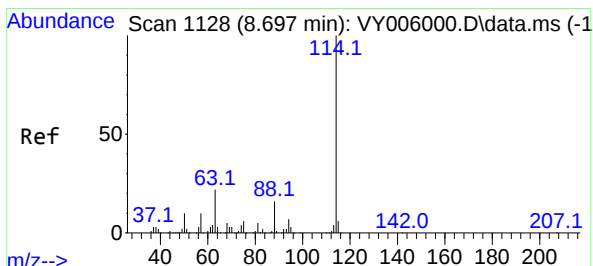
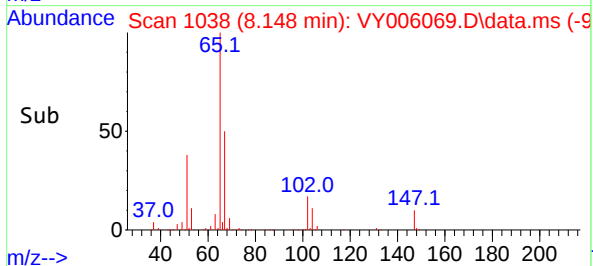
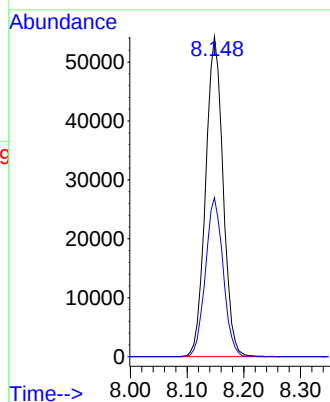
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK



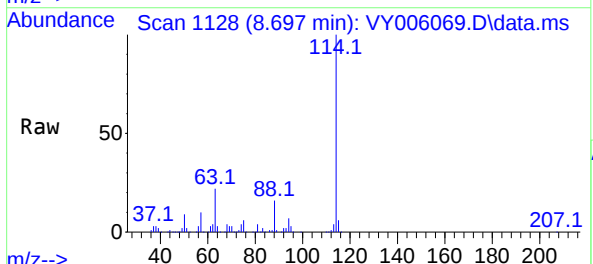
Tgt Ion: 65 Resp: 115960  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 99.4

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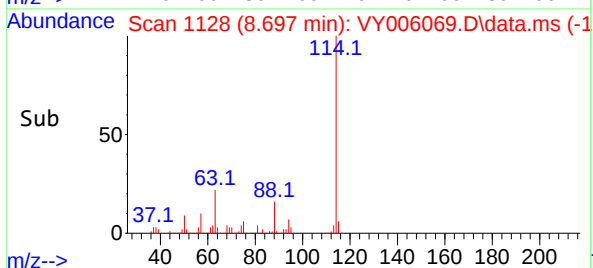
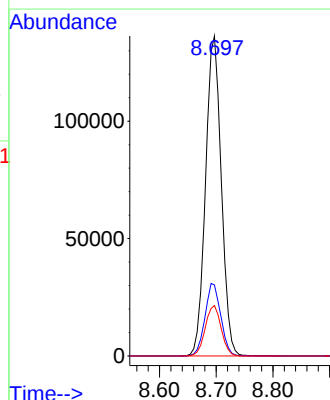
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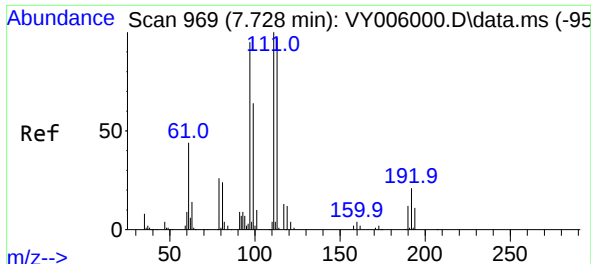


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY006069.D  
Acq: 17 Sep 2021 14:28

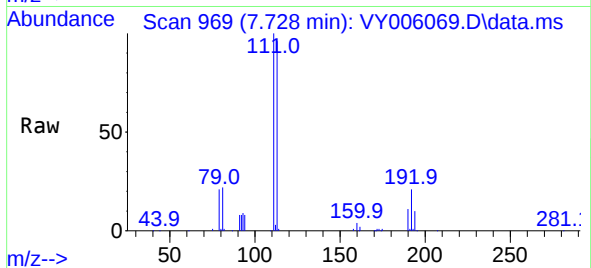


Tgt Ion: 114 Resp: 262592  
Ion Ratio Lower Upper  
114 100  
63 22.2 0.0 43.2  
88 15.7 0.0 31.8

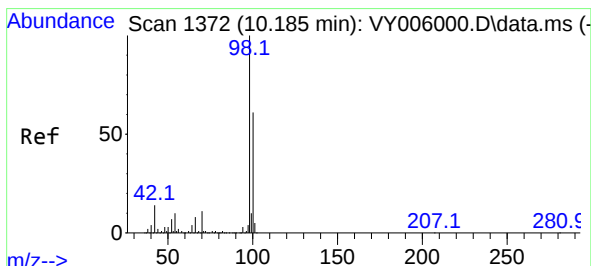
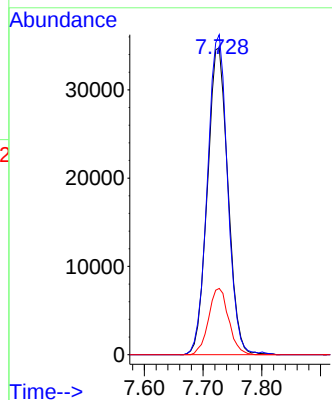
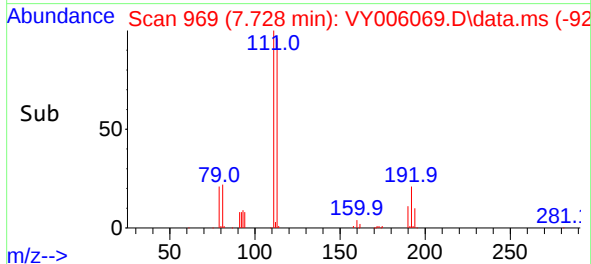




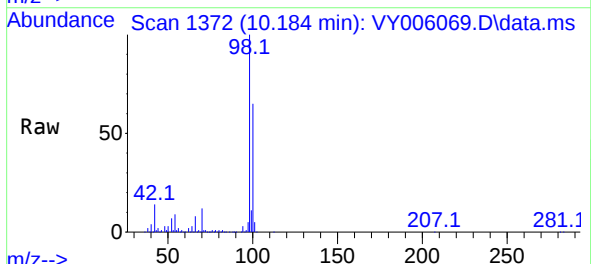
#35  
Dibromofluoromethane  
Concen: 51.680 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY006069.D  
Acq: 17 Sep 2021 14:28



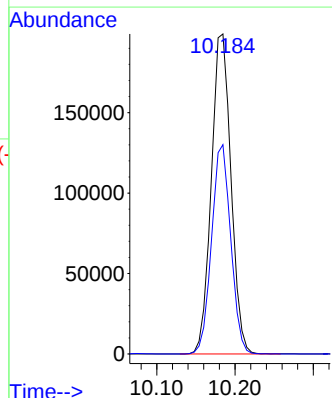
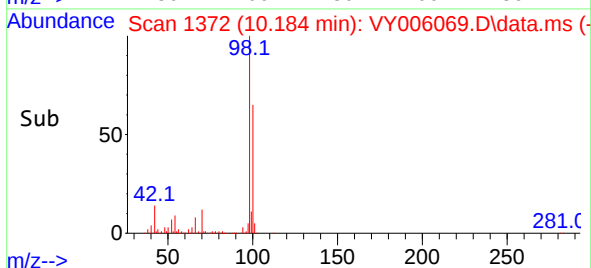
Tgt Ion: 113 Resp: 84291  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.6 124.0  
192 21.1 17.6 26.4



#50  
Toluene-d8  
Concen: 49.871 ug/l  
RT: 10.184 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY006069.D  
Acq: 17 Sep 2021 14:28



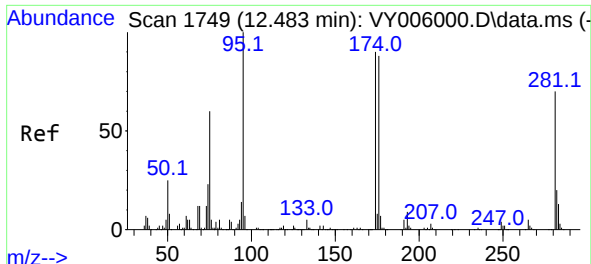
Tgt Ion: 98 Resp: 346674  
Ion Ratio Lower Upper  
98 100  
100 63.7 50.2 75.2



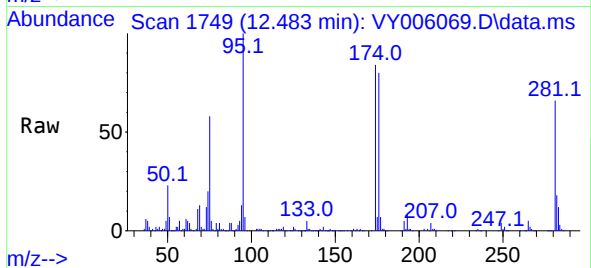
Instrument :  
MSVOA\_Y  
ClientSampled :  
VIBLK

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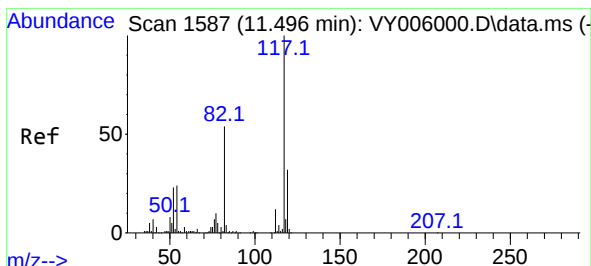
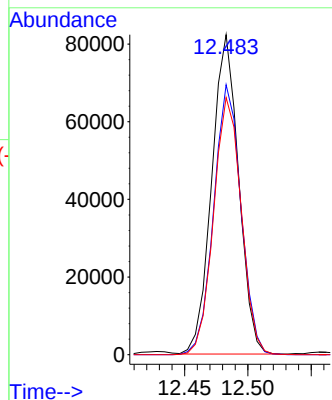
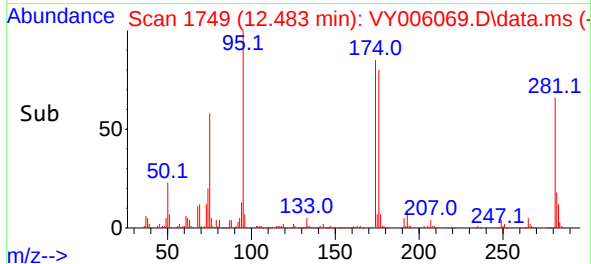
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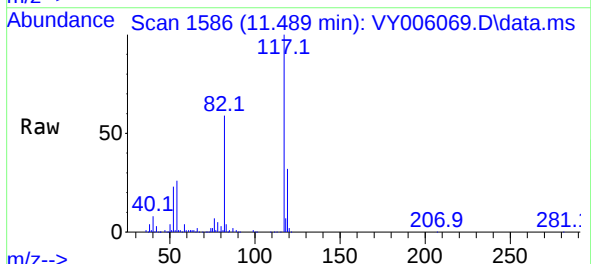
#62  
4-Bromofluorobenzene  
Concen: 51.435 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY006069.D  
Acq: 17 Sep 2021 14:28



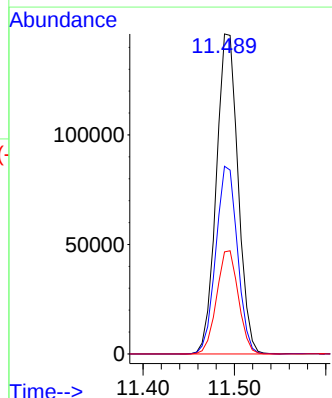
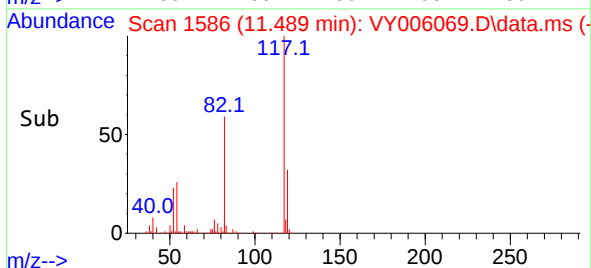
Tgt Ion: 95 Resp: 121394  
Ion Ratio Lower Upper  
95 100  
174 85.5 0.0 177.0  
176 82.7 0.0 175.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.007 min  
Lab File: VY006069.D  
Acq: 17 Sep 2021 14:28



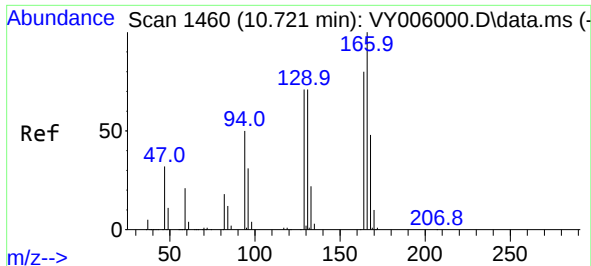
Tgt Ion: 117 Resp: 241453  
Ion Ratio Lower Upper  
117 100  
82 58.7 43.0 64.4  
119 31.9 25.4 38.0



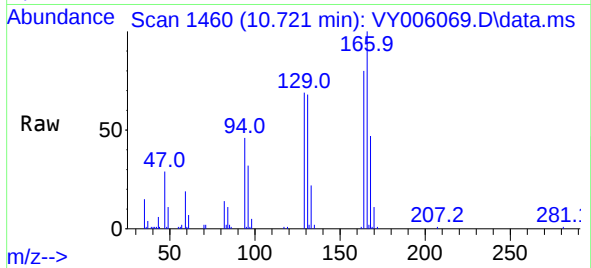
Instrument :  
MSVOA\_Y  
ClientSampled :  
VIBLK

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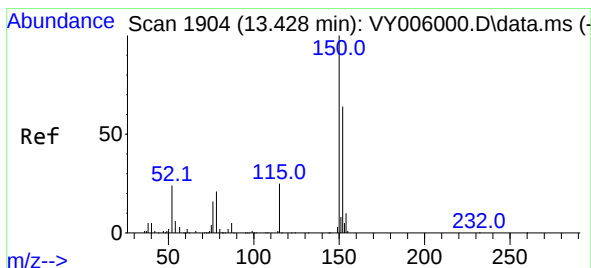
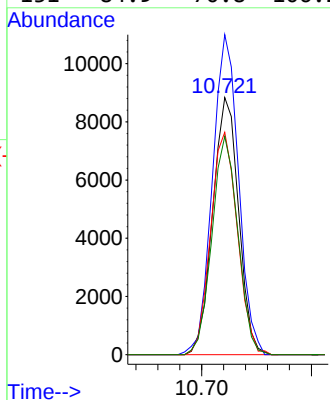
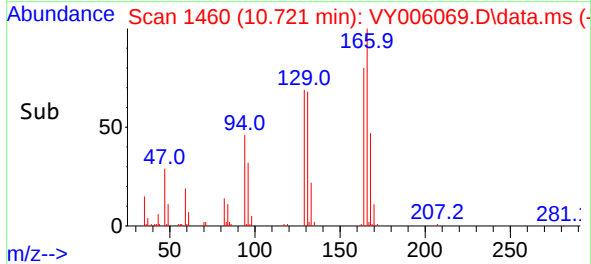
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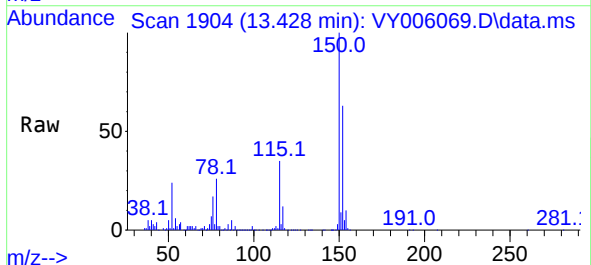
#64  
Tetrachloroethene  
Concen: 7.344 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY006069.D  
Acq: 17 Sep 2021 14:28



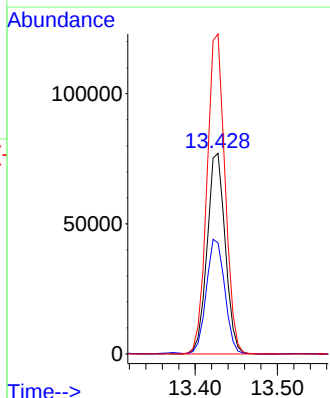
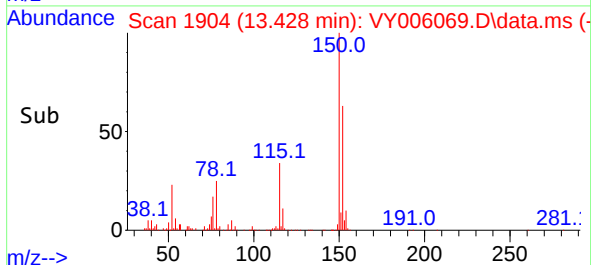
Tgt Ion:164 Resp: 14503  
Ion Ratio Lower Upper  
164 100  
166 124.5 100.4 150.6  
129 86.5 71.4 107.0  
131 84.9 70.8 106.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY006069.D  
Acq: 17 Sep 2021 14:28



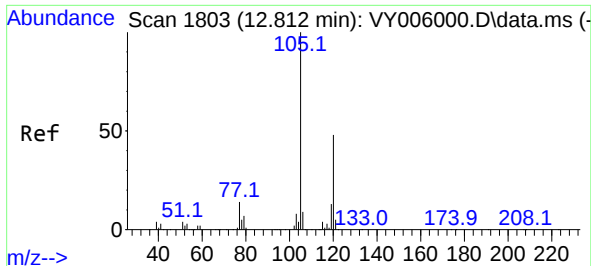
Tgt Ion:152 Resp: 117930  
Ion Ratio Lower Upper  
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Instrument :  
MSVOA\_Y  
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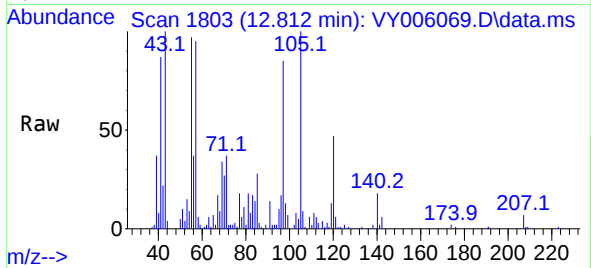
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#80  
1,3,5-Trimethylbenzene  
Concen: 1.913 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY006069.D  
Acq: 17 Sep 2021 14:28

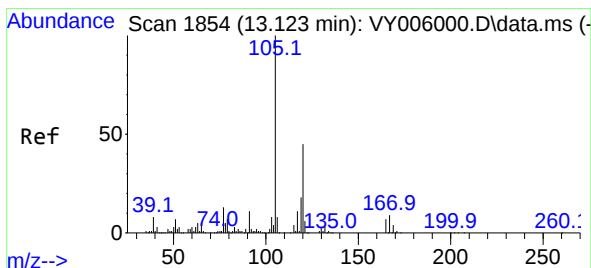
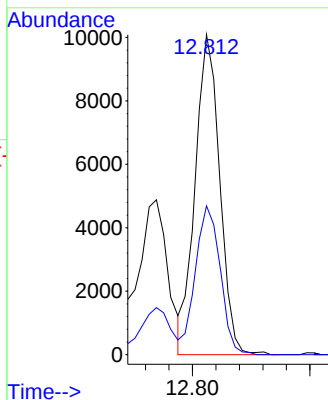
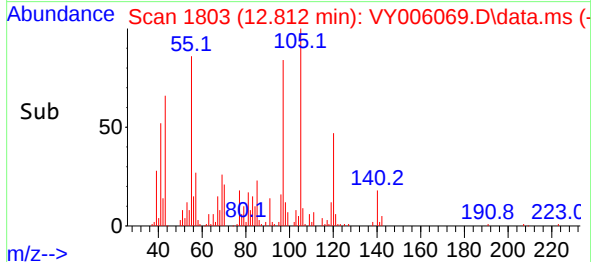
Instrument :  
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ClientSampled :  
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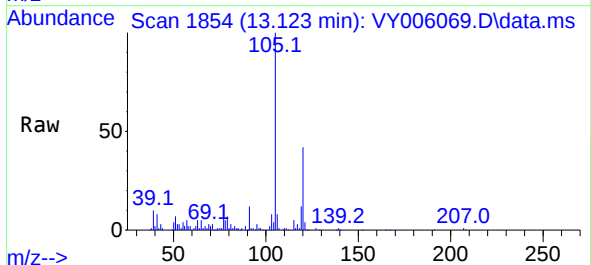
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Ion Ratio Lower Upper  
105 100  
120 47.1 24.4 73.4

Manual Integrations  
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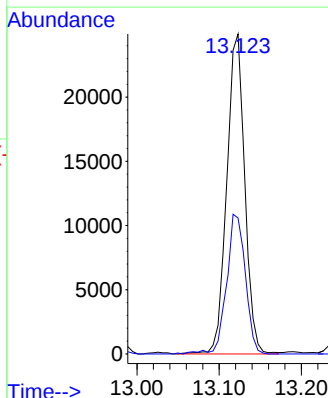
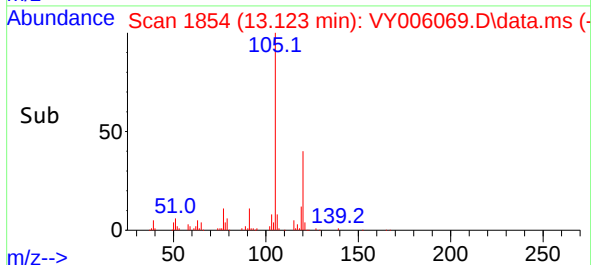
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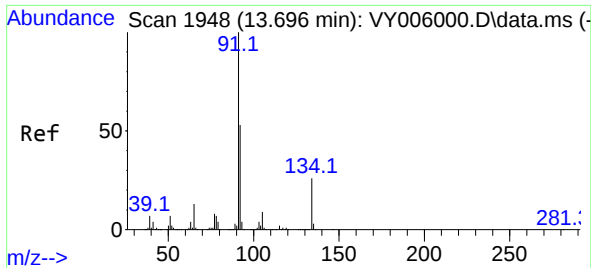


#84  
1,2,4-Trimethylbenzene  
Concen: 4.998 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY006069.D  
Acq: 17 Sep 2021 14:28



Tgt Ion:105 Resp: 37974  
Ion Ratio Lower Upper  
105 100  
120 45.6 22.3 66.9





#89  
n-Butylbenzene  
Concen: 1.049 ug/l m  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY006069.D  
Acq: 17 Sep 2021 14:28

Tgt Ion: 91 Resp: 8213  
Ion Ratio Lower Upper  
91 100  
92 56.0 26.3 78.9  
134 0.0 13.0 38.9#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

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