

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020822\  
 Data File : VX026833.D  
 Acq On : 08 Feb 2022 19:29  
 Operator : JC/MD  
 Sample : N1431-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LPBH-2022

Quant Time: Feb 09 03:06:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 08 07:07:46 2022  
 Response via : Initial Calibration

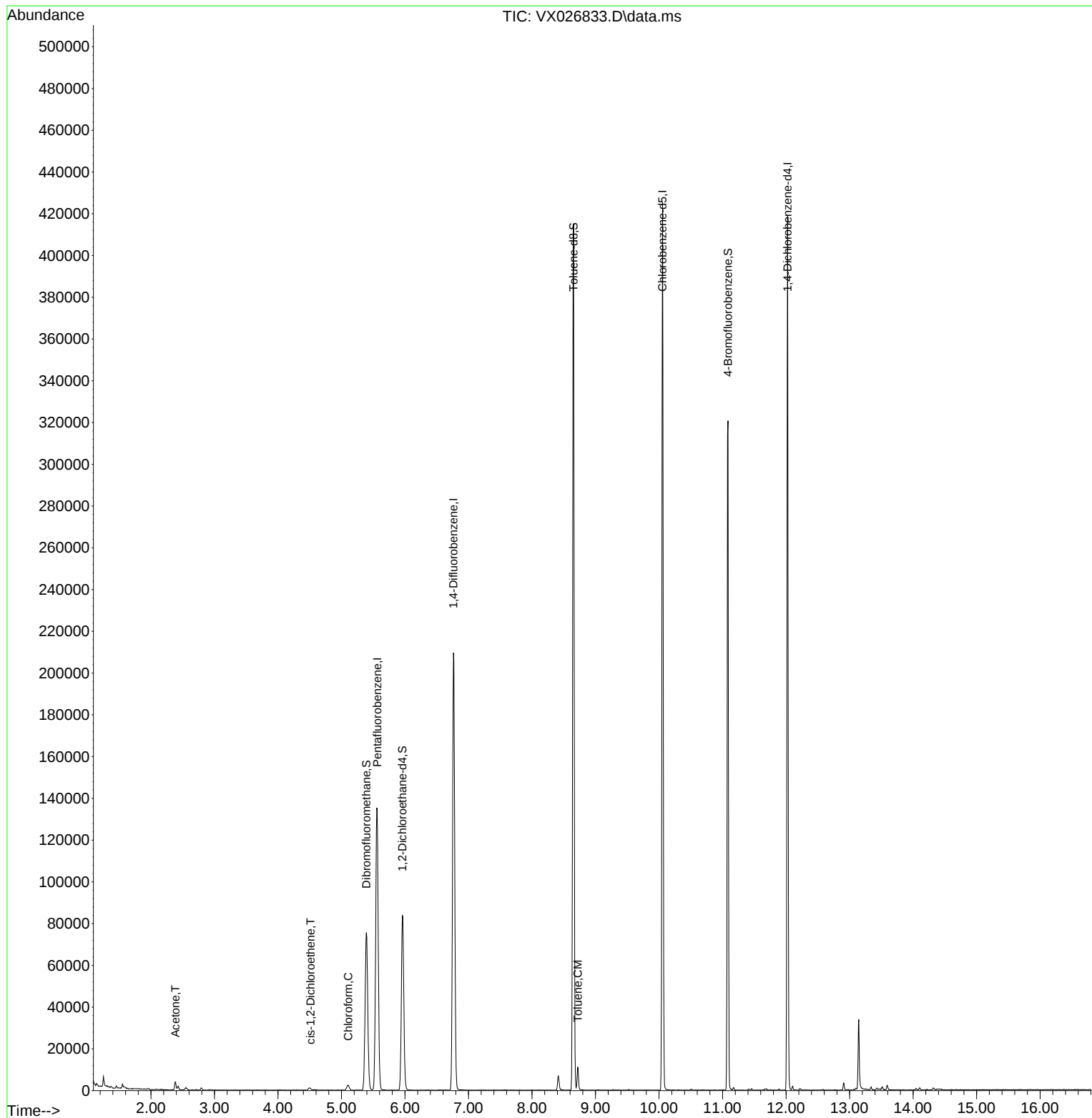
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 128731   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 216774   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 191631   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 83133    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 81535    | 52.764   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =      | 105.520% |
| 35) Dibromofluoromethane    | 5.391     | 113   | 67468    | 52.240   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 104.480% |
| 50) Toluene-d8              | 8.653     | 98    | 250596   | 52.860   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =      | 105.720% |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 91583    | 54.871   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 109.740% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386     | 43    | 4389     | 6.467    | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene  | 4.513     | 96    | 752      | 0.472    | ug/l   | 93       |
| 30) Chloroform              | 5.105     | 83    | 3153     | 1.194    | ug/l   | 91       |
| 52) Toluene                 | 8.720     | 92    | 4054     | 1.078    | ug/l   | 97       |
| -----                       |           |       |          |          |        |          |

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

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ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020822W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 08 07:07:46 2022  
Response via : Initial Calibration

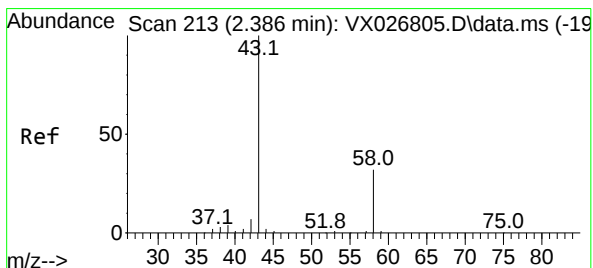
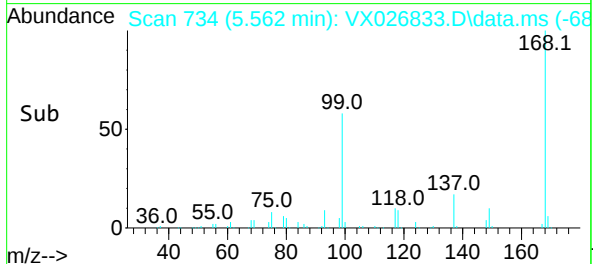
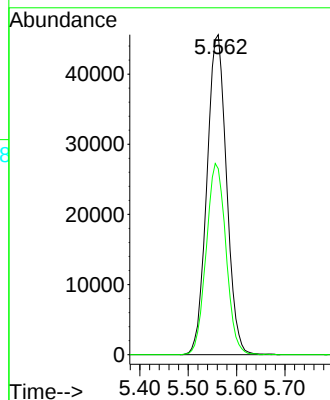
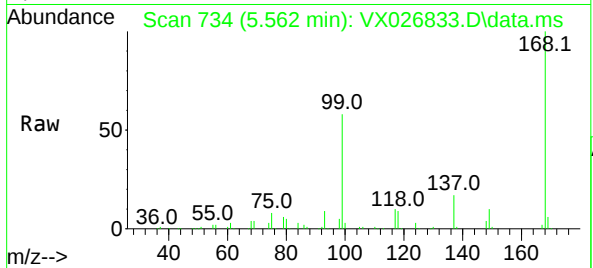




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX026833.D  
Acq: 08 Feb 2022 19:29

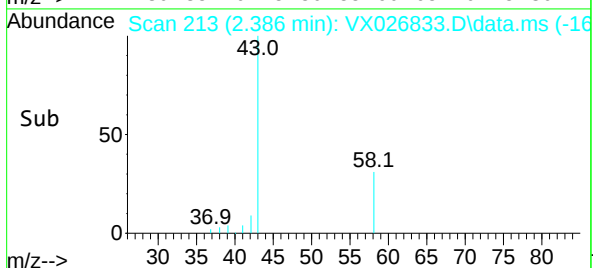
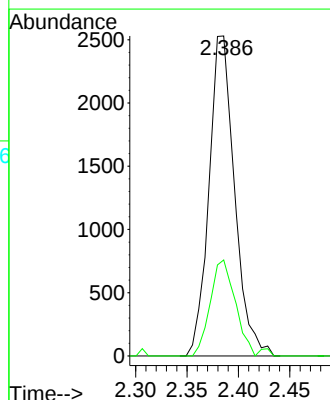
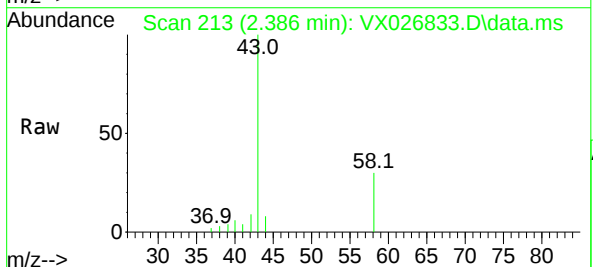
Instrument :  
MSVOA\_X  
ClientSampleId :  
LPBH-2022

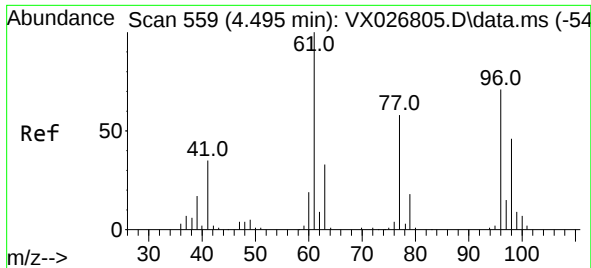
Tgt Ion:168 Resp: 128731  
Ion Ratio Lower Upper  
168 100  
99 58.1 50.3 75.5



#16  
Acetone  
Concen: 6.467 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX026833.D  
Acq: 08 Feb 2022 19:29

Tgt Ion: 43 Resp: 4389  
Ion Ratio Lower Upper  
43 100  
58 30.0 23.0 34.6

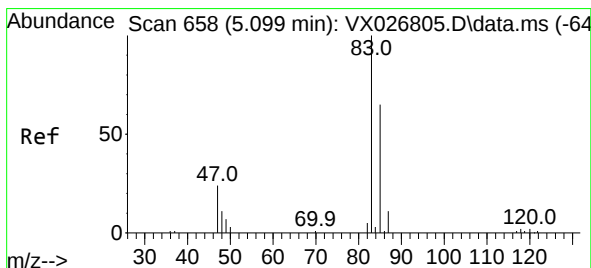
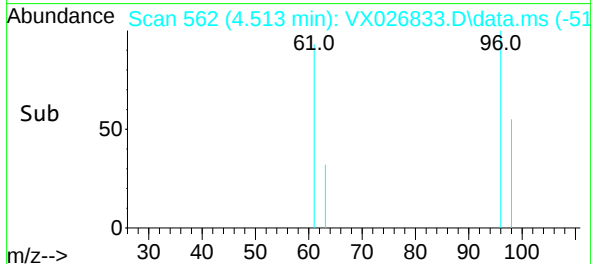
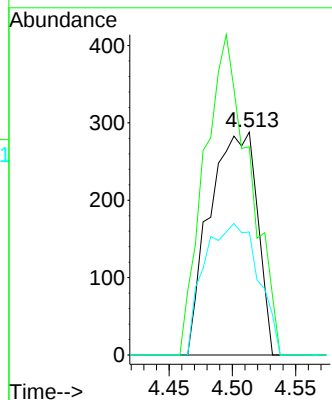
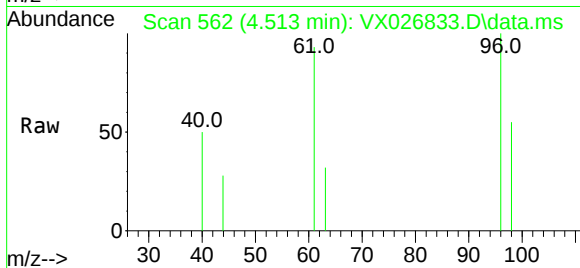




#27  
 cis-1,2-Dichloroethene  
 Concen: 0.472 ug/l  
 RT: 4.513 min Scan# 51  
 Delta R.T. 0.018 min  
 Lab File: VX026833.D  
 Acq: 08 Feb 2022 19:29

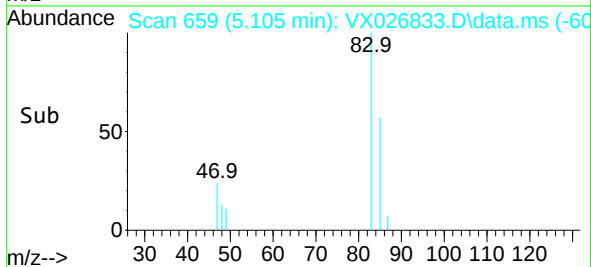
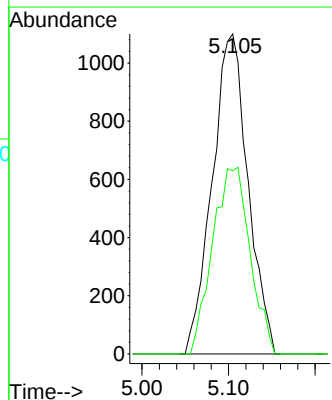
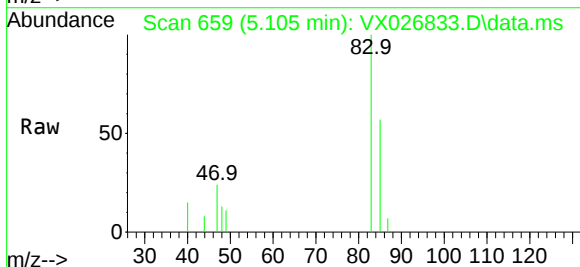
Instrument :  
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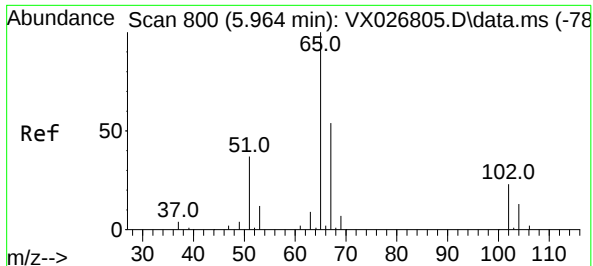
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 96 | Resp: | 752   |       |
| Ion         | Ratio | Lower | Upper |
| 96          | 100   |       |       |
| 61          | 137.0 | 0.0   | 296.6 |
| 98          | 67.2  | 0.0   | 128.8 |



#30  
 Chloroform  
 Concen: 1.194 ug/l  
 RT: 5.105 min Scan# 659  
 Delta R.T. 0.006 min  
 Lab File: VX026833.D  
 Acq: 08 Feb 2022 19:29

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 83 | Resp: | 3153  |       |
| Ion         | Ratio | Lower | Upper |
| 83          | 100   |       |       |
| 85          | 57.3  | 51.6  | 77.4  |





#33

1,2-Dichloroethane-d4

Concen: 52.764 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026833.D

Acq: 08 Feb 2022 19:29

Instrument :

MSVOA\_X

ClientSampleId :

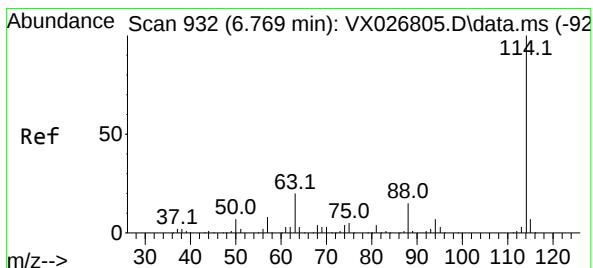
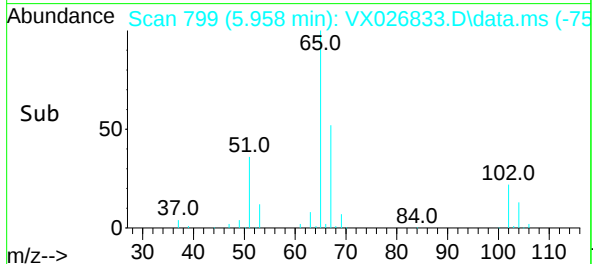
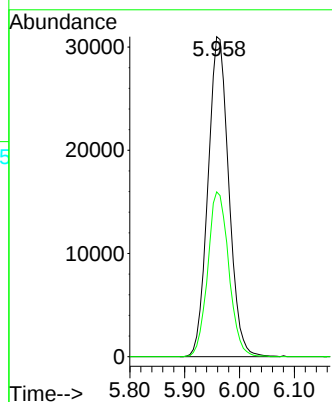
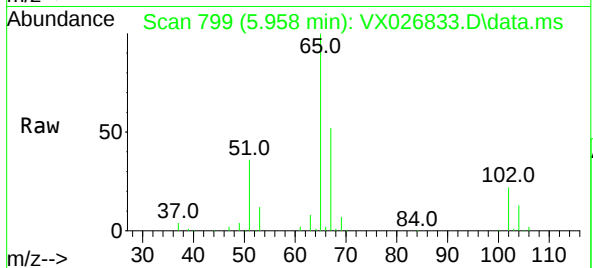
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Tgt Ion: 65 Resp: 81535

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026833.D

Acq: 08 Feb 2022 19:29

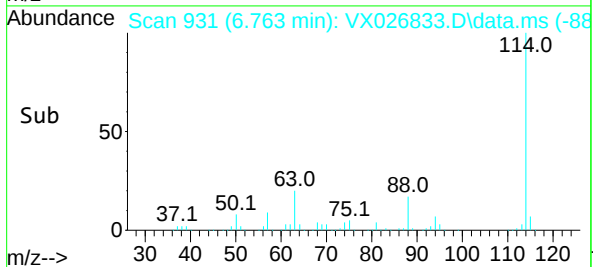
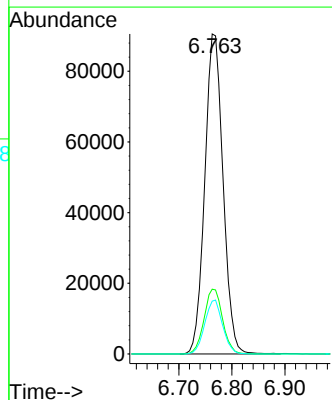
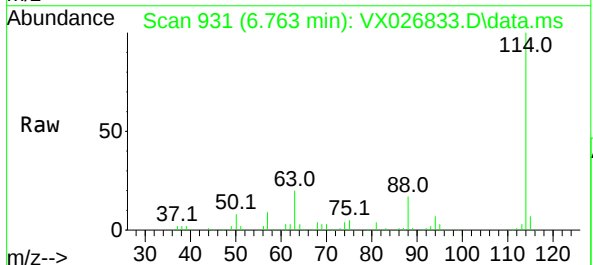
Tgt Ion: 114 Resp: 216774

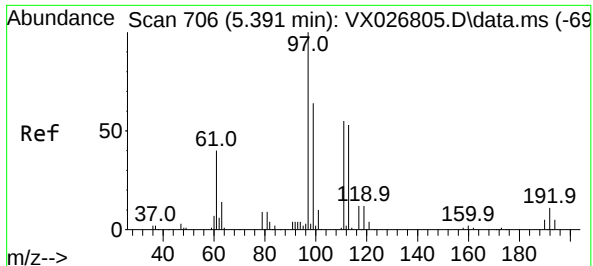
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 16.5 0.0 33.0

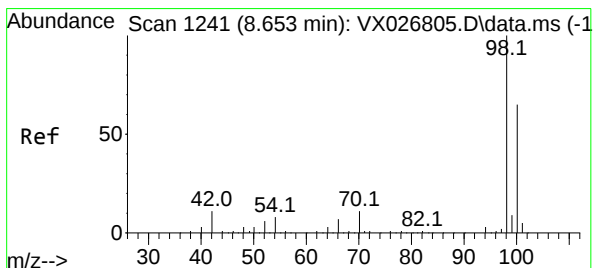
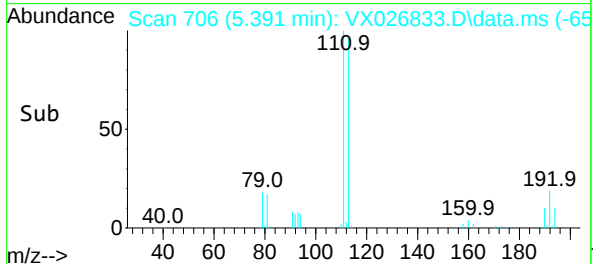
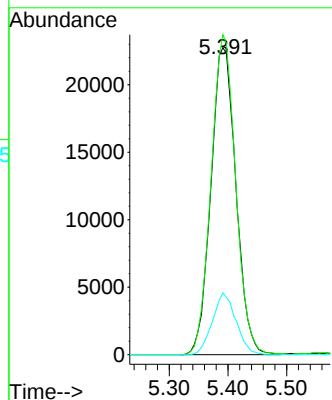
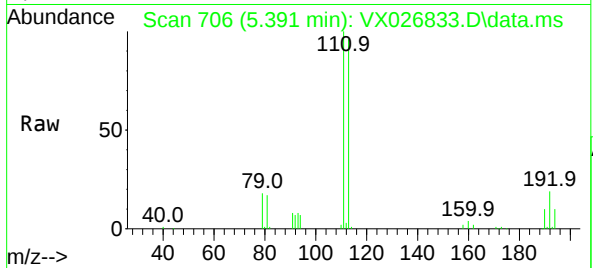




#35  
Dibromofluoromethane  
Concen: 52.240 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026833.D  
Acq: 08 Feb 2022 19:29

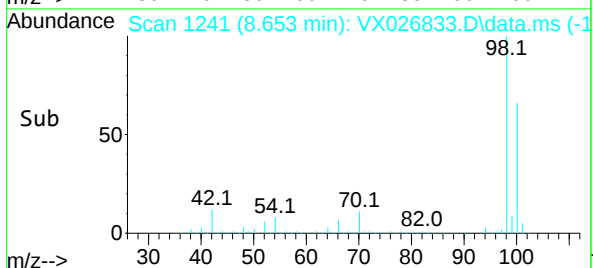
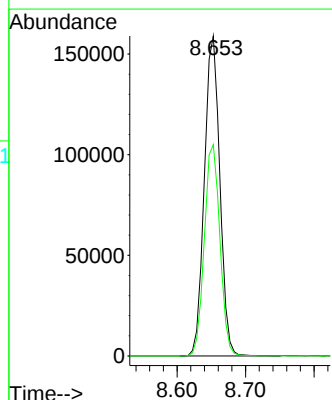
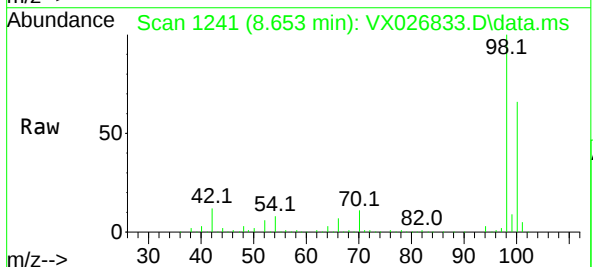
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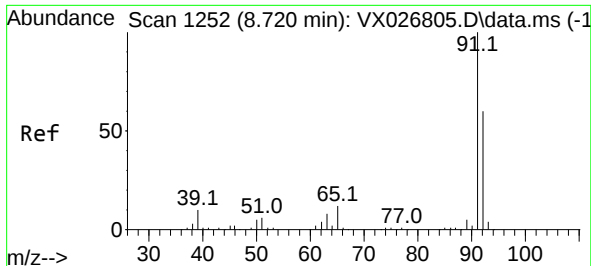
Tgt Ion:113 Resp: 67468  
Ion Ratio Lower Upper  
113 100  
111 102.3 81.2 121.8  
192 18.9 15.0 22.4



#50  
Toluene-d8  
Concen: 52.860 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX026833.D  
Acq: 08 Feb 2022 19:29

Tgt Ion: 98 Resp: 250596  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.2 79.8

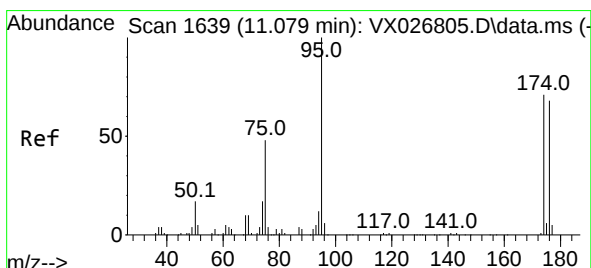
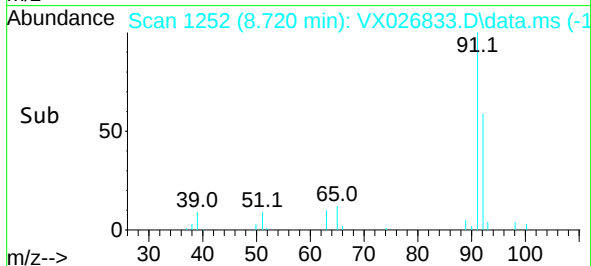
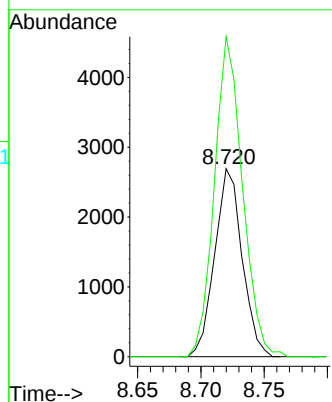
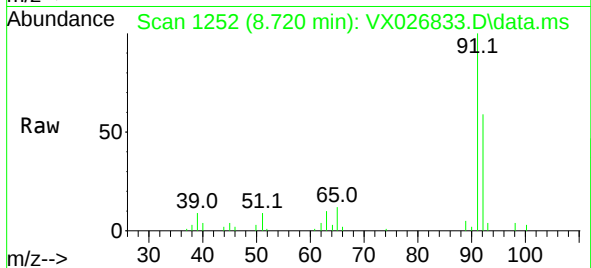




#52  
Toluene  
Concen: 1.078 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026833.D  
Acq: 08 Feb 2022 19:29

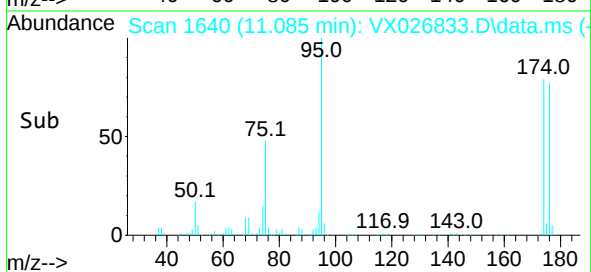
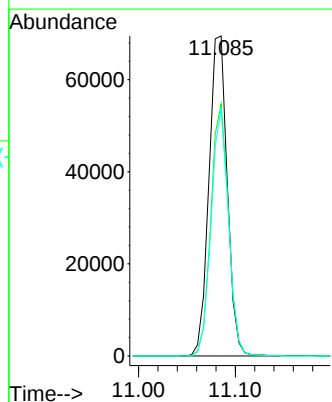
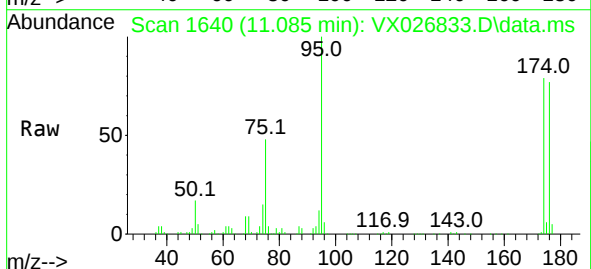
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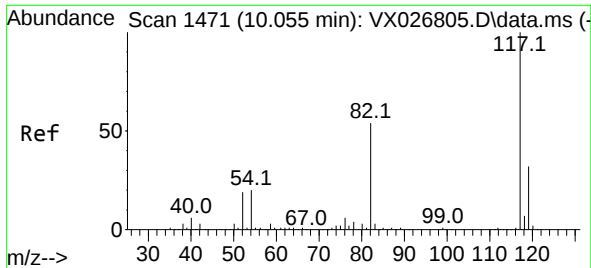
Tgt Ion: 92 Resp: 4054  
Ion Ratio Lower Upper  
92 100  
91 174.3 135.7 203.5



#62  
4-Bromofluorobenzene  
Concen: 54.871 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX026833.D  
Acq: 08 Feb 2022 19:29

Tgt Ion: 95 Resp: 91583  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 148.6  
176 72.9 0.0 141.4

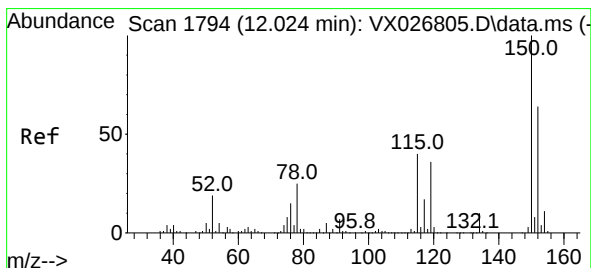
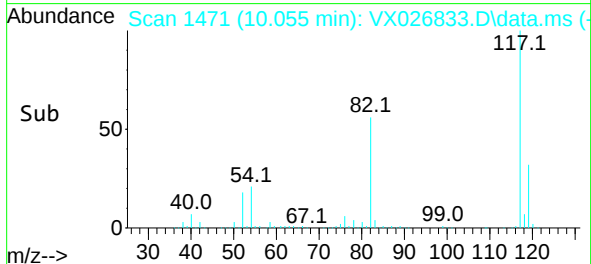
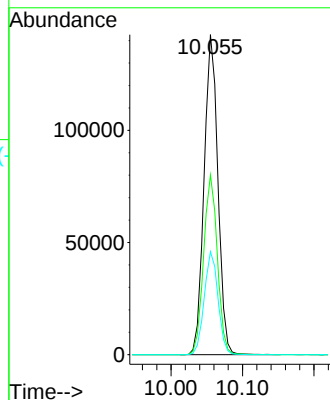
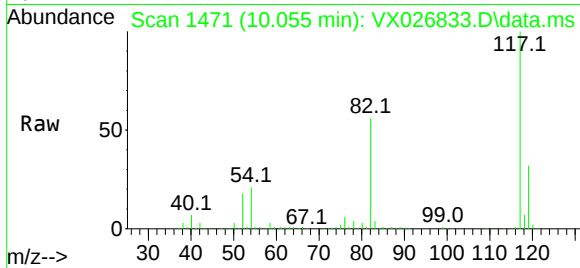




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026833.D  
Acq: 08 Feb 2022 19:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
LPBH-2022

Tgt Ion:117 Resp: 191631  
Ion Ratio Lower Upper  
117 100  
82 56.1 45.2 67.8  
119 32.2 26.2 39.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX026833.D  
Acq: 08 Feb 2022 19:29

Tgt Ion:152 Resp: 83133  
Ion Ratio Lower Upper  
152 100  
115 60.4 44.2 132.6  
150 158.2 0.0 348.2

