

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020822\  
 Data File : VX026832.D  
 Acq On : 08 Feb 2022 19:06  
 Operator : JC/MD  
 Sample : N1431-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SHB-2022

Quant Time: Feb 09 03:06:25 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

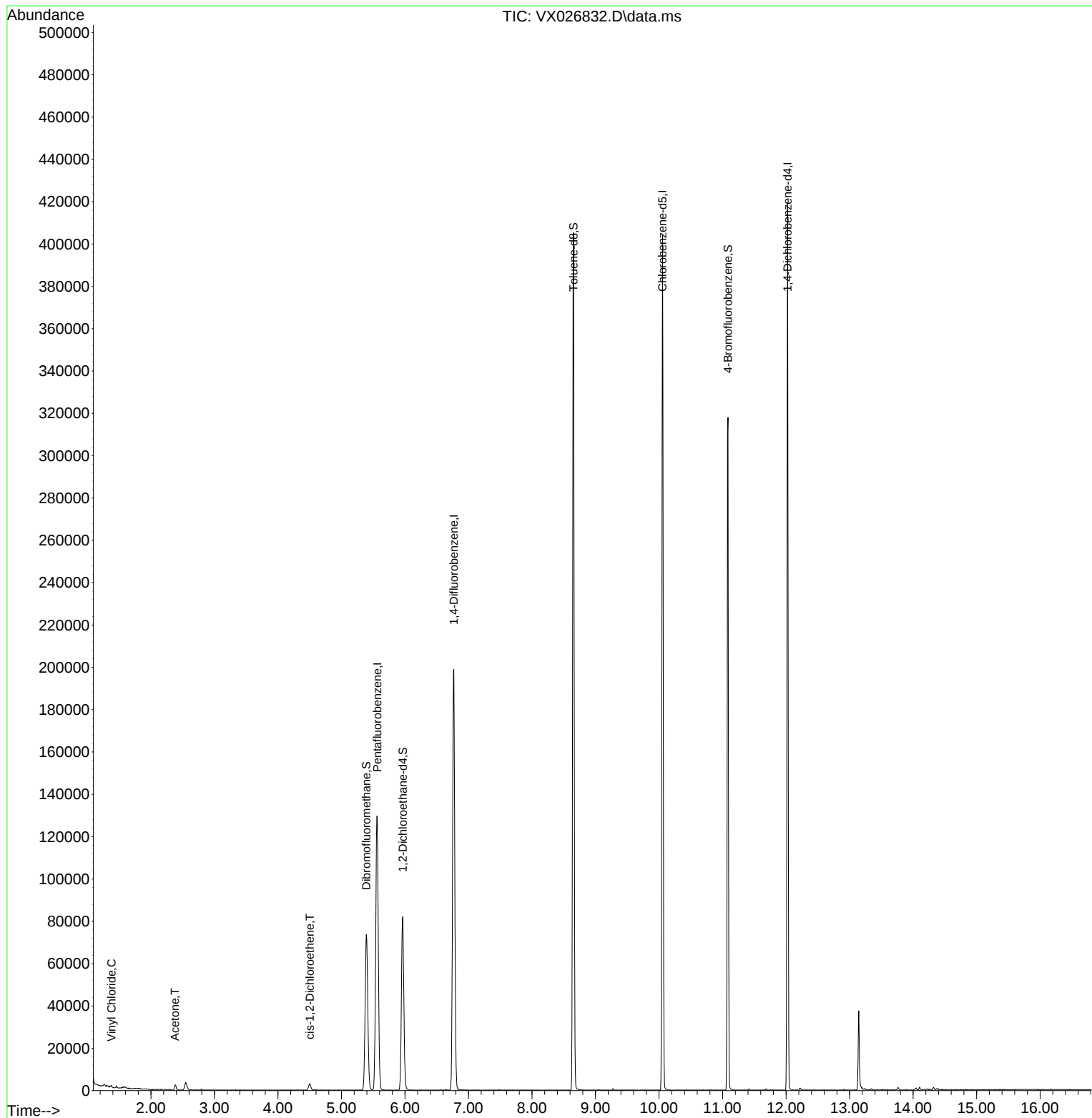
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 123600   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 208528   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 182958   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 83200    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 79539    | 53.609   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 107.220% |          |
| 35) Dibromofluoromethane    | 5.391     | 113   | 65513    | 52.732   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 105.460% |          |
| 50) Toluene-d8              | 8.653     | 98    | 239876   | 52.600   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 105.200% |          |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 88567    | 55.163   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 110.320% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 4) Vinyl Chloride           | 1.380     | 62    | 575      | 0.439    | ug/l #     | 86       |
| 16) Acetone                 | 2.379     | 43    | 2810     | 4.312    | ug/l       | 93       |
| 27) cis-1,2-Dichloroethene  | 4.501     | 96    | 2014     | 1.318    | ug/l       | 90       |
| -----                       |           |       |          |          |            |          |

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

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MSVOA\_X  
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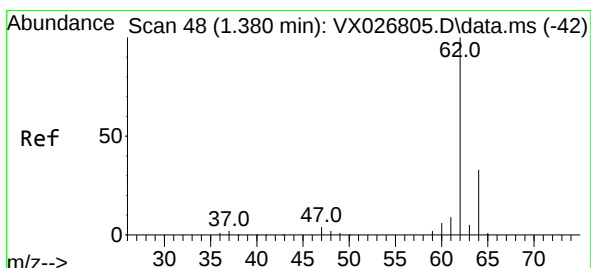
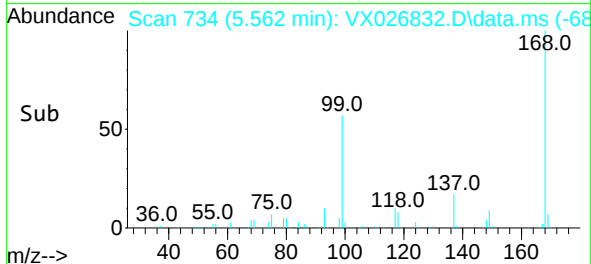
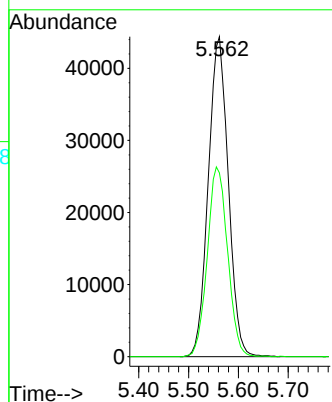
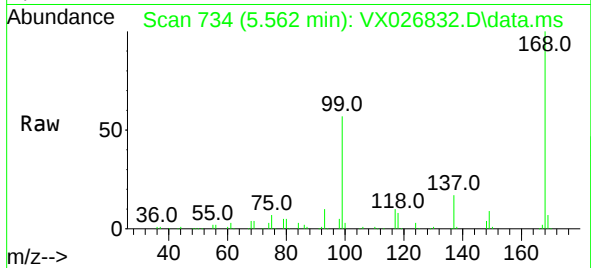




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX026832.D  
Acq: 08 Feb 2022 19:06

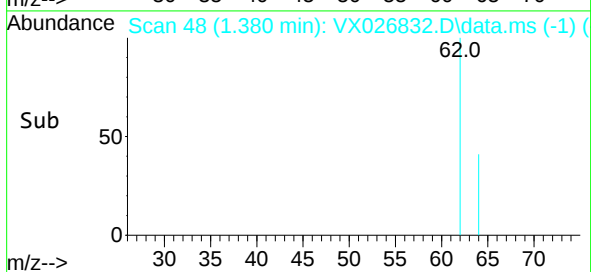
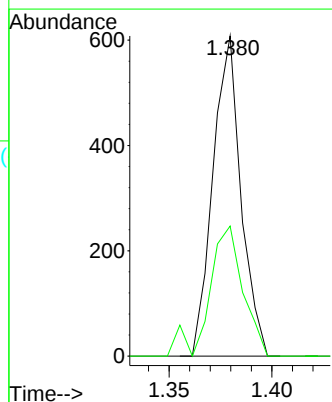
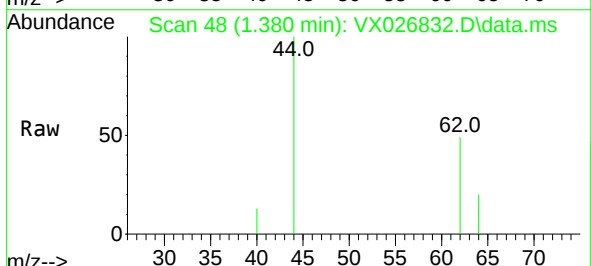
Instrument :  
MSVOA\_X  
ClientSampleId :  
SHB-2022

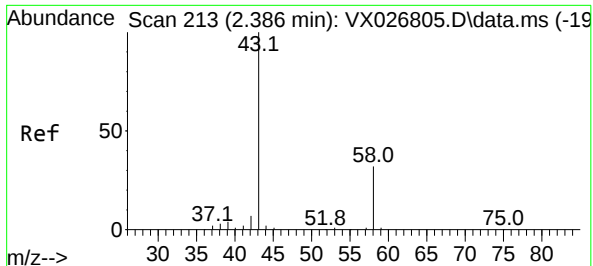
Tgt Ion:168 Resp: 123600  
Ion Ratio Lower Upper  
168 100  
99 57.5 50.3 75.5



#4  
Vinyl Chloride  
Concen: 0.439 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. -0.000 min  
Lab File: VX026832.D  
Acq: 08 Feb 2022 19:06

Tgt Ion: 62 Resp: 575  
Ion Ratio Lower Upper  
62 100  
64 40.6 26.2 39.2#

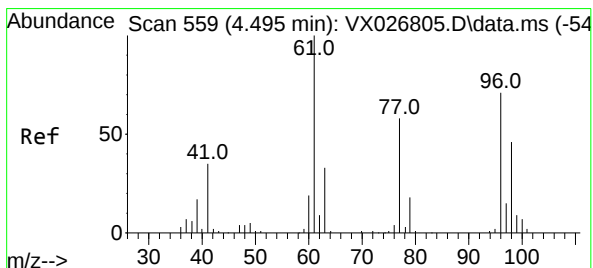
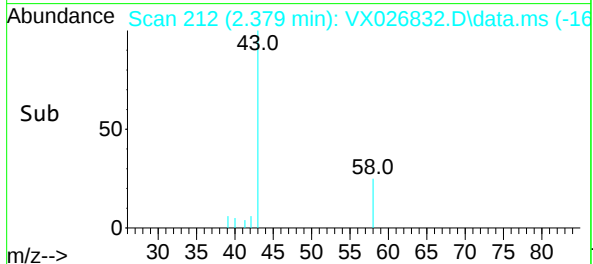
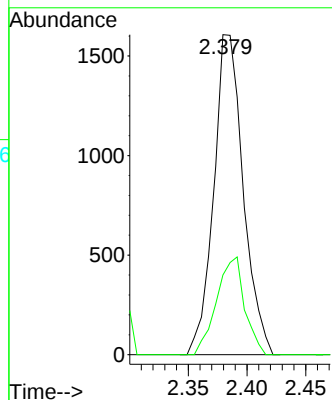
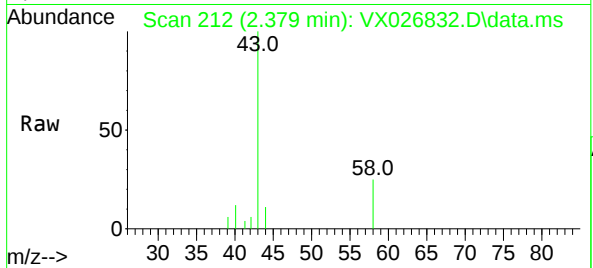




#16  
Acetone  
Concen: 4.312 ug/l  
RT: 2.379 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX026832.D  
Acq: 08 Feb 2022 19:06

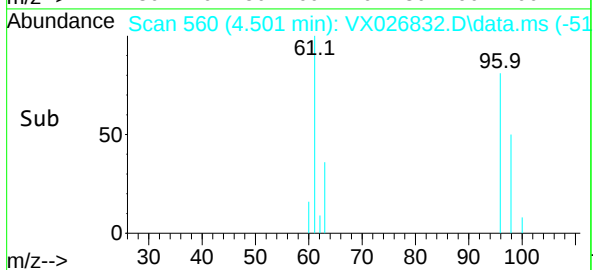
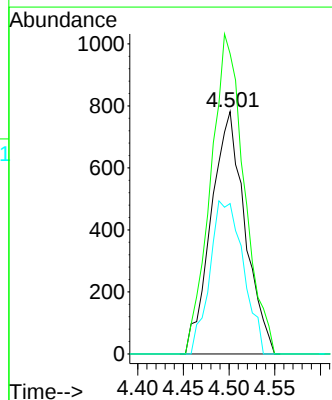
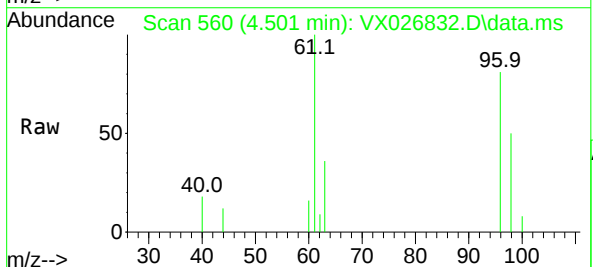
Instrument :  
MSVOA\_X  
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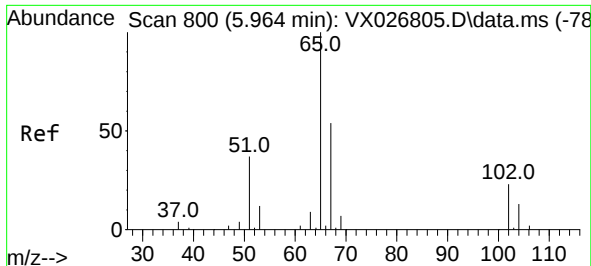
Tgt Ion: 43 Resp: 2810  
Ion Ratio Lower Upper  
43 100  
58 24.9 23.0 34.6



#27  
cis-1,2-Dichloroethene  
Concen: 1.318 ug/l  
RT: 4.501 min Scan# 560  
Delta R.T. 0.006 min  
Lab File: VX026832.D  
Acq: 08 Feb 2022 19:06

Tgt Ion: 96 Resp: 2014  
Ion Ratio Lower Upper  
96 100  
61 131.0 0.0 296.6  
98 62.3 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 53.609 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX026832.D

Acq: 08 Feb 2022 19:06

Instrument :

MSVOA\_X

ClientSampleId :

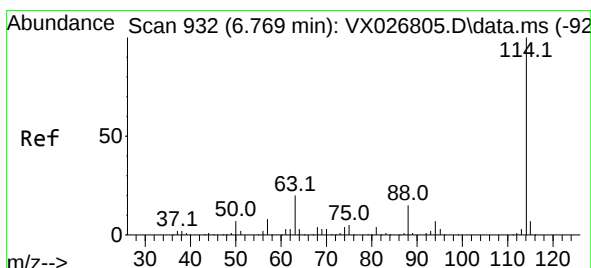
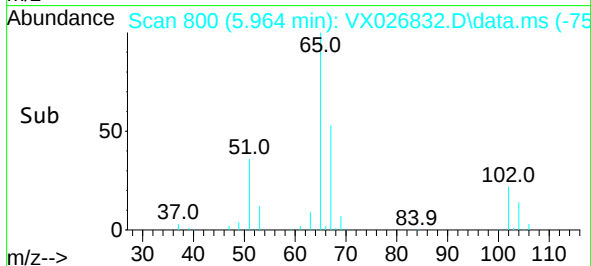
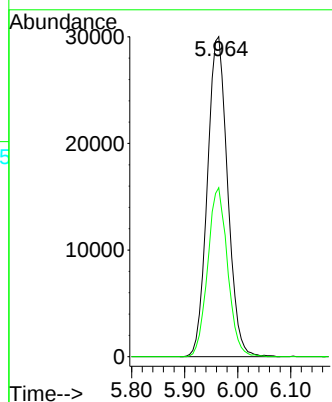
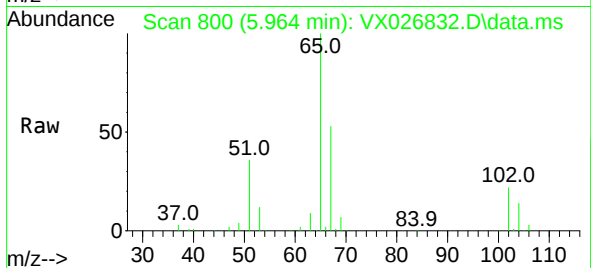
SHB-2022

Tgt Ion: 65 Resp: 79539

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX026832.D

Acq: 08 Feb 2022 19:06

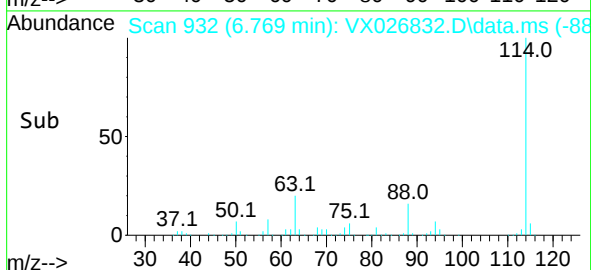
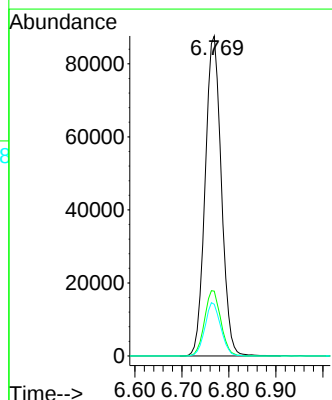
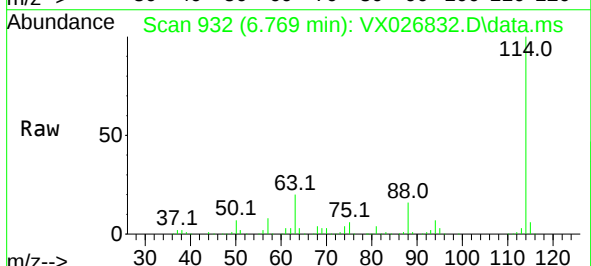
Tgt Ion: 114 Resp: 208528

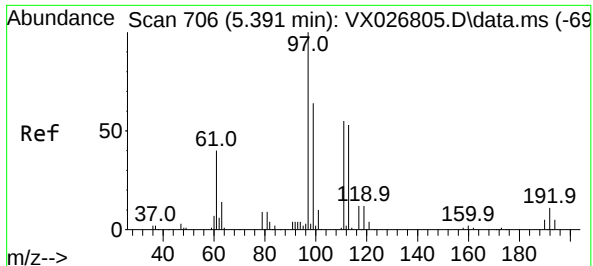
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 16.2 0.0 33.0

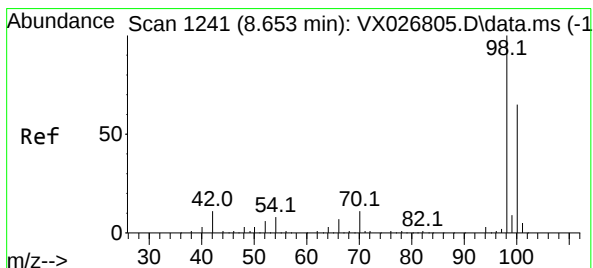
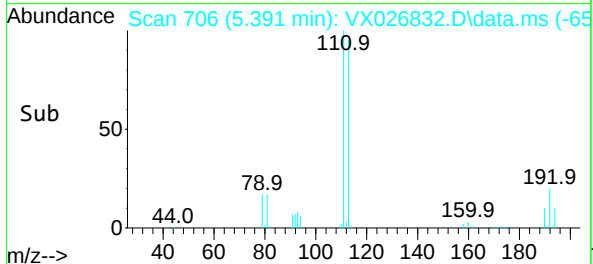
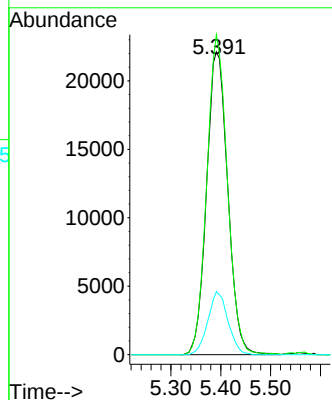
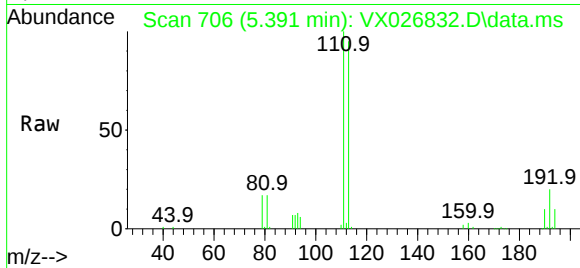




#35  
Dibromofluoromethane  
Concen: 52.732 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX026832.D  
Acq: 08 Feb 2022 19:06

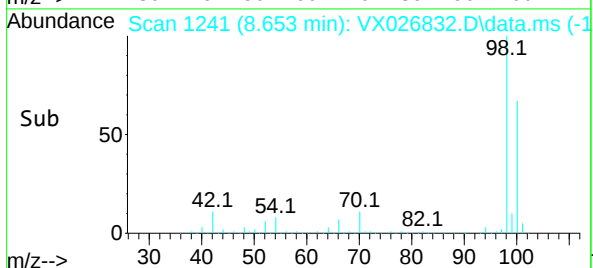
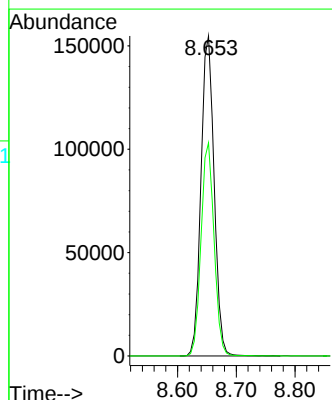
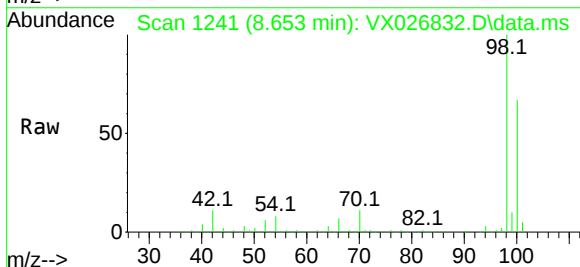
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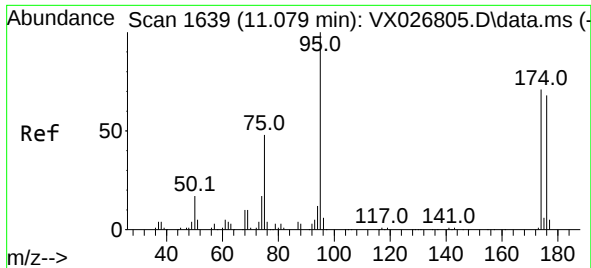
Tgt Ion:113 Resp: 65513  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.2 121.8  
192 19.7 15.0 22.4



#50  
Toluene-d8  
Concen: 52.600 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX026832.D  
Acq: 08 Feb 2022 19:06

Tgt Ion: 98 Resp: 239876  
Ion Ratio Lower Upper  
98 100  
100 66.0 53.2 79.8

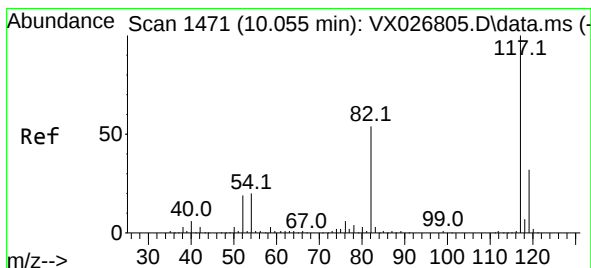
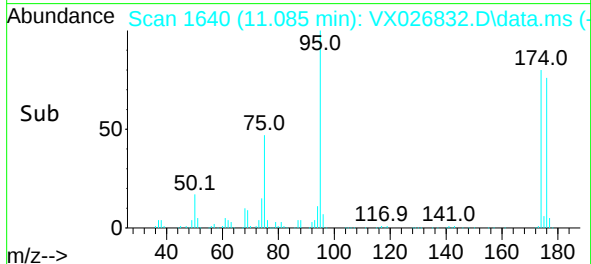
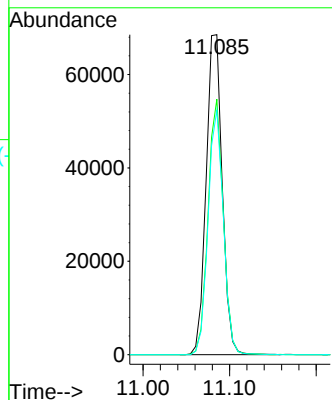
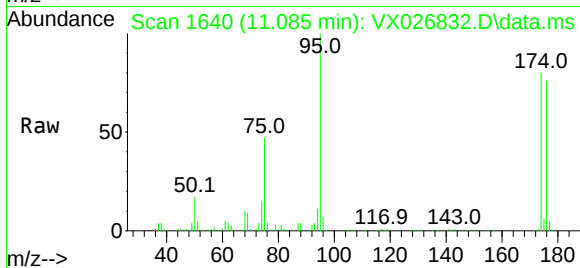




#62  
4-Bromofluorobenzene  
Concen: 55.163 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX026832.D  
Acq: 08 Feb 2022 19:06

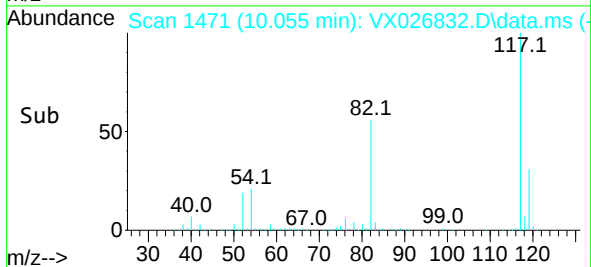
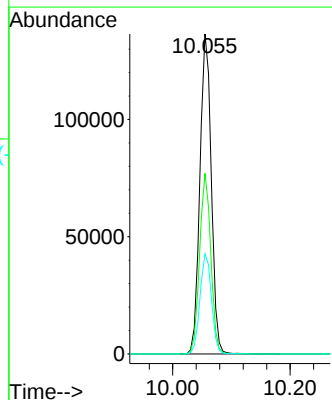
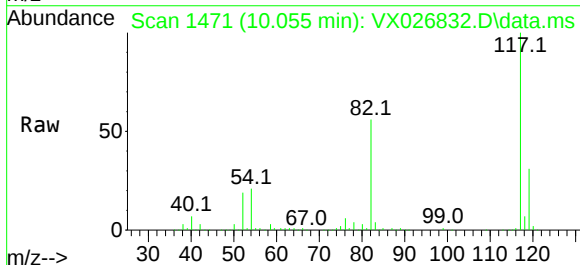
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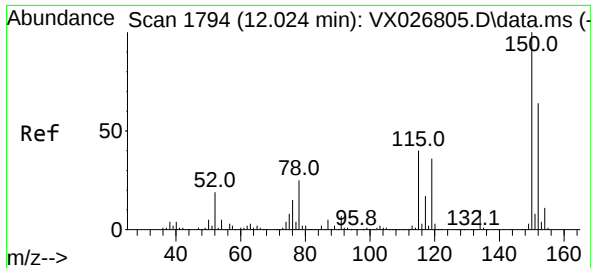
Tgt Ion: 95 Resp: 88567  
Ion Ratio Lower Upper  
95 100  
174 75.3 0.0 148.6  
176 72.5 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX026832.D  
Acq: 08 Feb 2022 19:06

Tgt Ion: 117 Resp: 182958  
Ion Ratio Lower Upper  
117 100  
82 56.4 45.2 67.8  
119 31.3 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026832.D

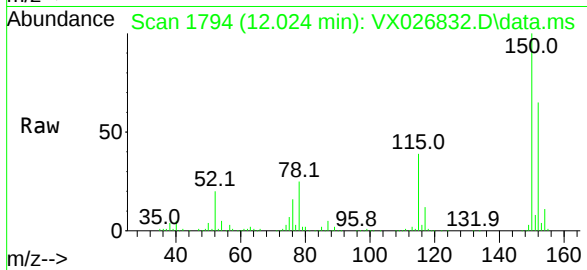
Acq: 08 Feb 2022 19:06

Instrument :

MSVOA\_X

ClientSampleId :

SHB-2022



Tgt Ion:152 Resp: 83200

Ion Ratio Lower Upper

152 100

115 60.4 44.2 132.6

150 155.2 0.0 348.2

