

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090222\  
 Data File : VX031064.D  
 Acq On : 02 Sep 2022 14:05  
 Operator : JC/MD  
 Sample : N4298-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FB01-20220822

Quant Time: Sep 03 00:49:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090122W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 02:49:21 2022  
 Response via : Initial Calibration

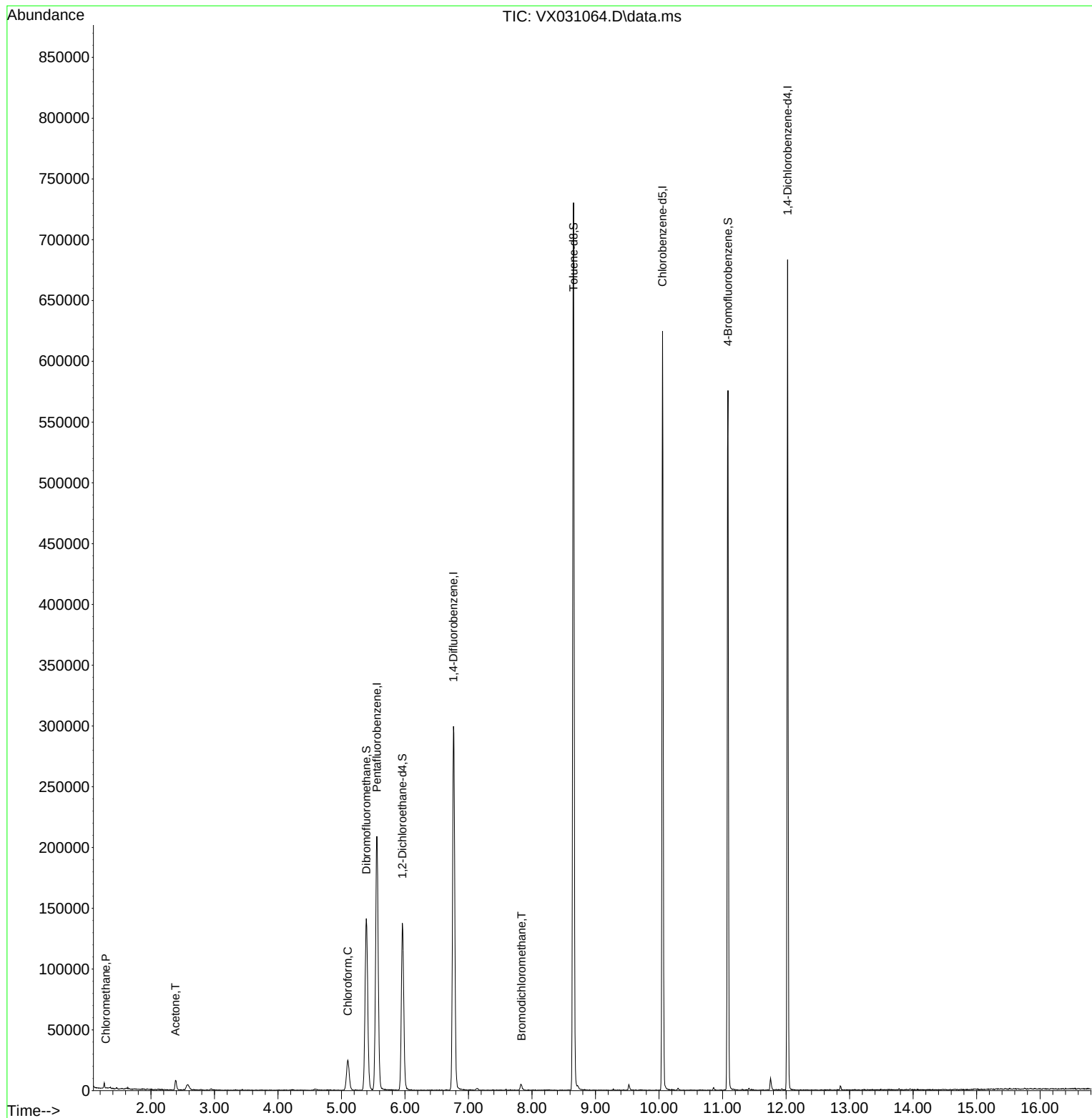
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 214559   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 341640   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 307761   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 142525   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 132087   | 47.845   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 95.700%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 128387   | 51.495   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 103.000% |
| 50) Toluene-d8              | 8.653  | 98    | 472791   | 51.526   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 103.060% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 159185   | 49.118   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 98.240%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 3) Chloromethane            | 1.288  | 50    | 309      | 0.845    | ug/l # | 85       |
| 16) Acetone                 | 2.386  | 43    | 9168     | 8.602    | ug/l   | 94       |
| 30) Chloroform              | 5.099  | 83    | 32225    | 6.538    | ug/l   | 91       |
| 47) Bromodichloromethane    | 7.836  | 83    | 3823     | 1.064    | ug/l # | 75       |
| -----                       |        |       |          |          |        |          |

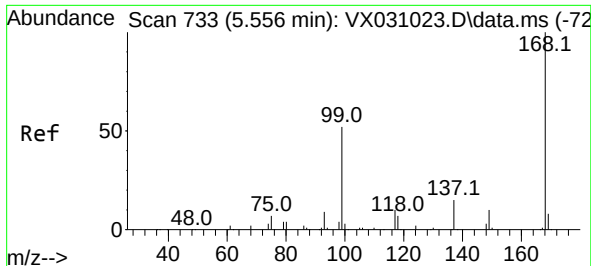
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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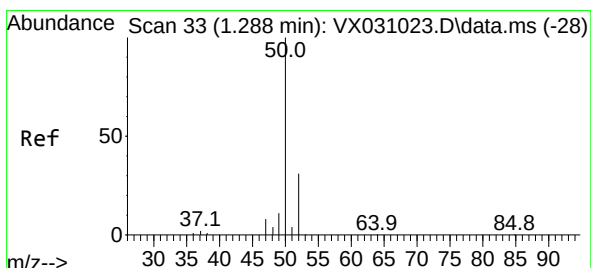
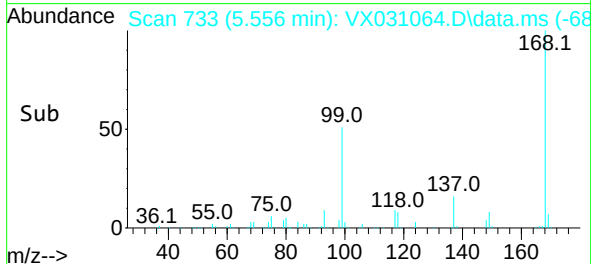
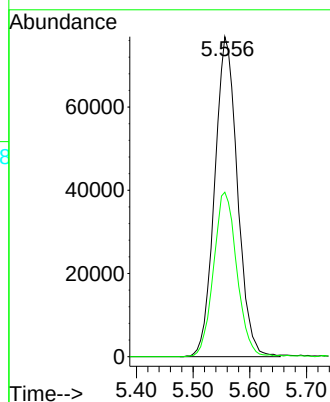
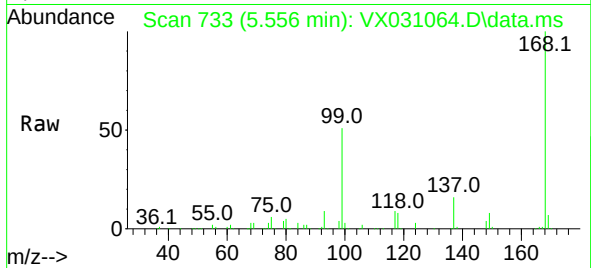




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX031064.D  
Acq: 02 Sep 2022 14:05

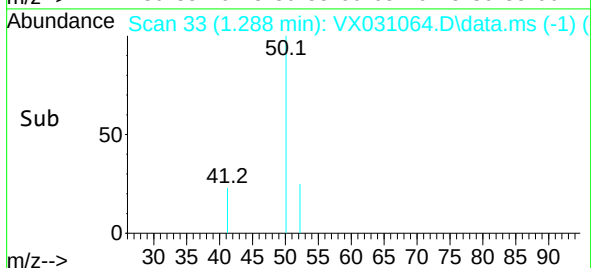
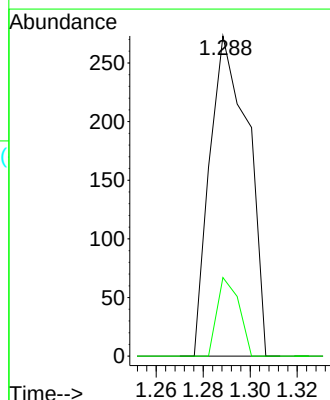
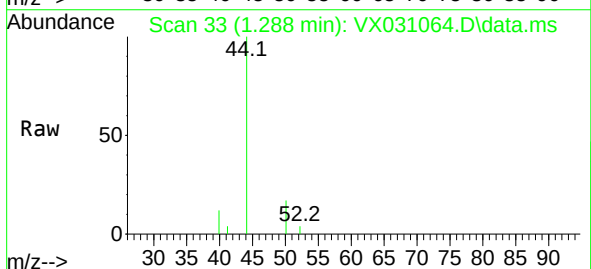
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MSVOA\_X  
ClientSampleId :  
FB01-20220822

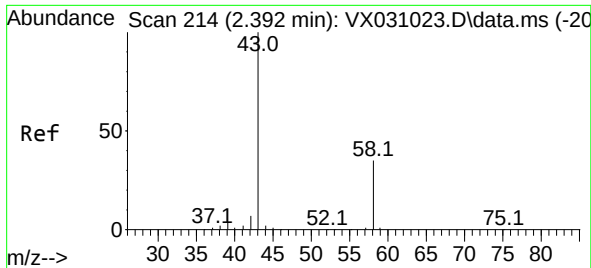
Tgt Ion:168 Resp: 214559  
Ion Ratio Lower Upper  
168 100  
99 51.4 44.0 66.0



#3  
Chloromethane  
Concen: 0.845 ug/l  
RT: 1.288 min Scan# 33  
Delta R.T. 0.000 min  
Lab File: VX031064.D  
Acq: 02 Sep 2022 14:05

Tgt Ion: 50 Resp: 309  
Ion Ratio Lower Upper  
50 100  
52 24.5 26.3 39.5

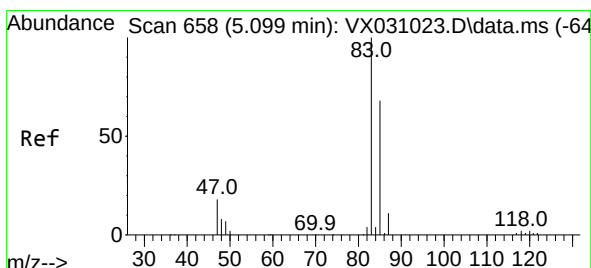
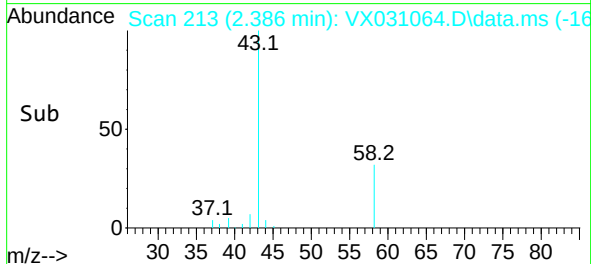
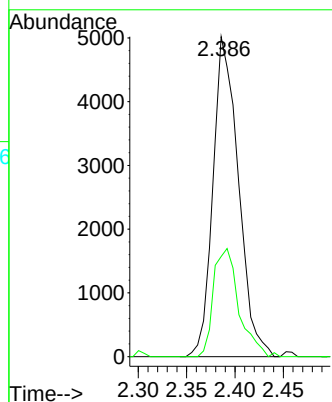
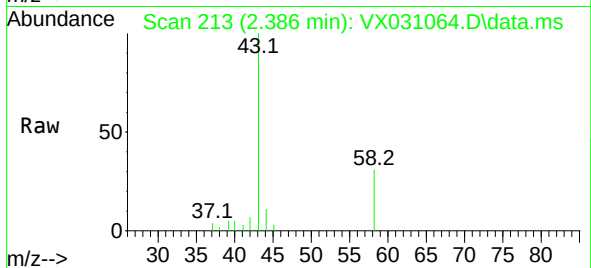




#16  
Acetone  
Concen: 8.602 ug/l  
RT: 2.386 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX031064.D  
Acq: 02 Sep 2022 14:05

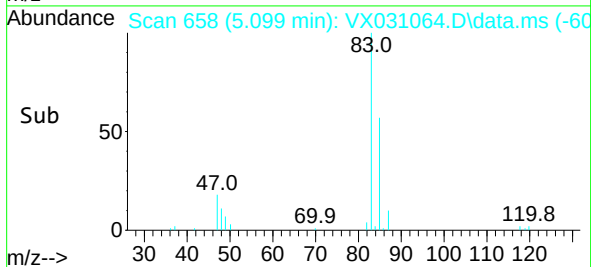
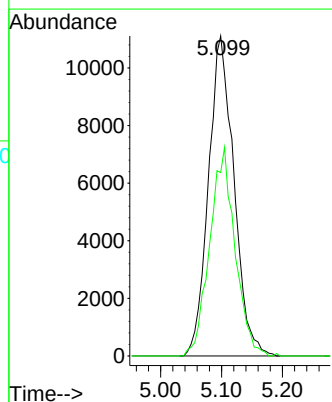
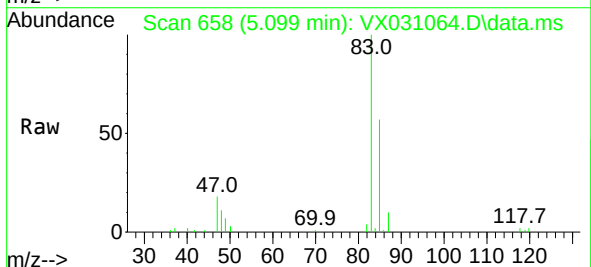
Instrument :  
MSVOA\_X  
ClientSampleId :  
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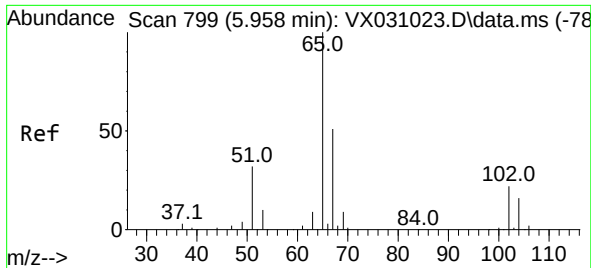
Tgt Ion: 43 Resp: 9168  
Ion Ratio Lower Upper  
43 100  
58 31.3 27.7 41.5



#30  
Chloroform  
Concen: 6.538 ug/l  
RT: 5.099 min Scan# 658  
Delta R.T. -0.000 min  
Lab File: VX031064.D  
Acq: 02 Sep 2022 14:05

Tgt Ion: 83 Resp: 32225  
Ion Ratio Lower Upper  
83 100  
85 57.3 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 47.845 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031064.D

Acq: 02 Sep 2022 14:05

Instrument :

MSVOA\_X

ClientSampleId :

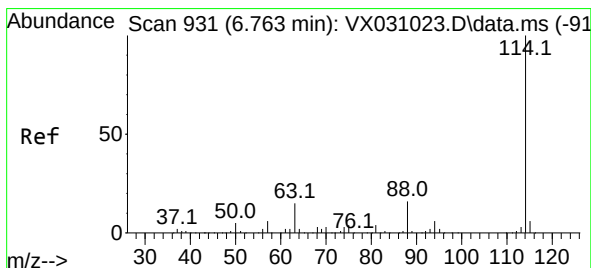
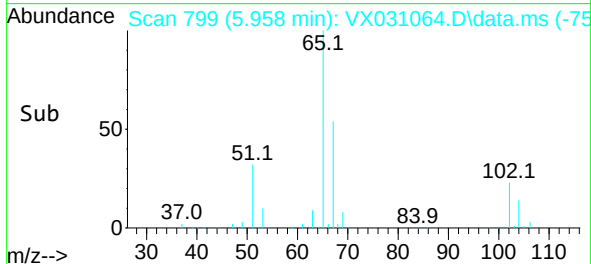
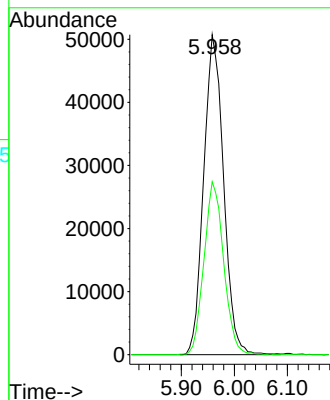
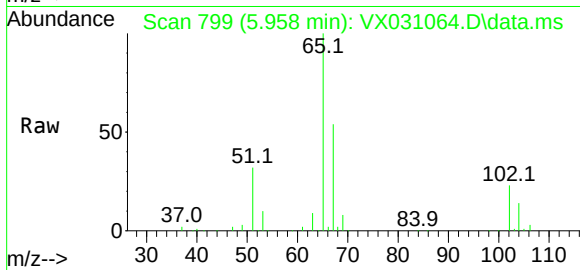
FB01-20220822

Tgt Ion: 65 Resp: 132087

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031064.D

Acq: 02 Sep 2022 14:05

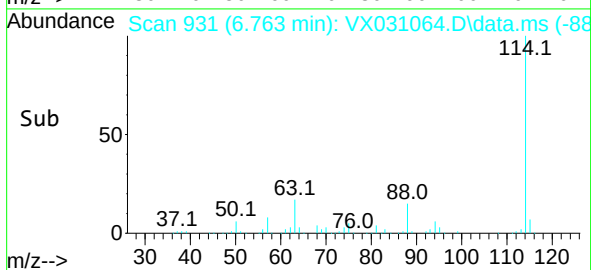
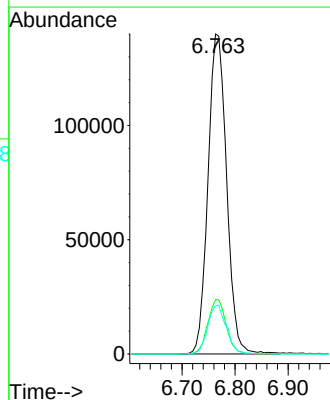
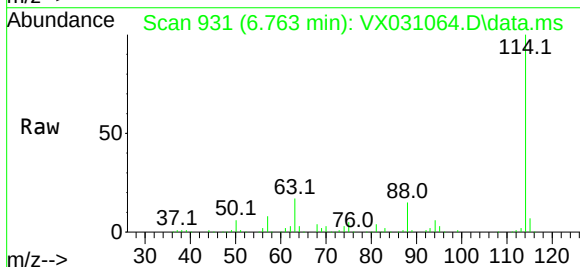
Tgt Ion: 114 Resp: 341640

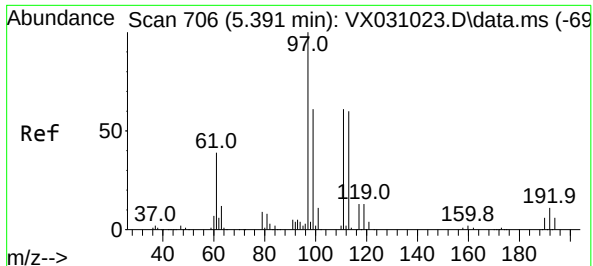
Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.4

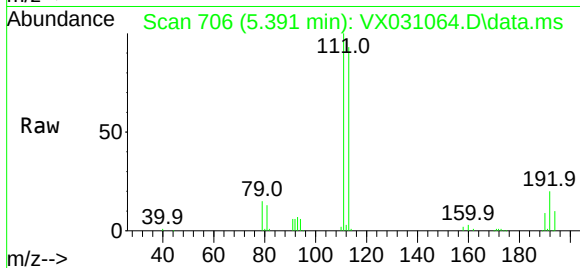
88 15.1 0.0 31.8



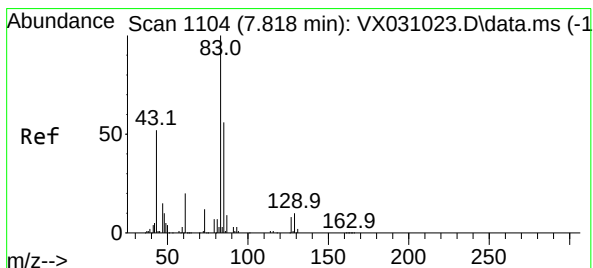
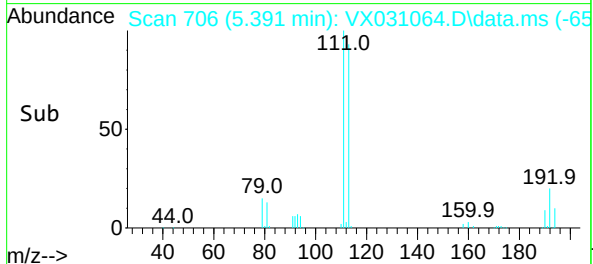
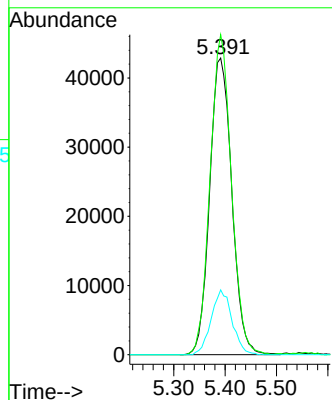


#35  
Dibromofluoromethane  
Concen: 51.495 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX031064.D  
Acq: 02 Sep 2022 14:05

Instrument :  
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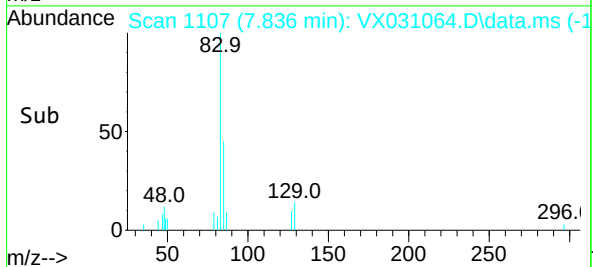
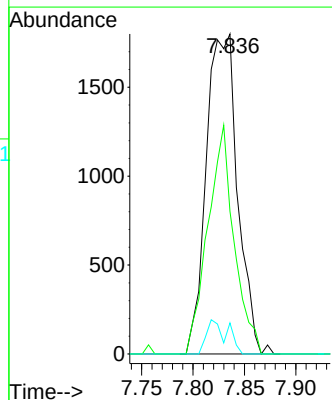
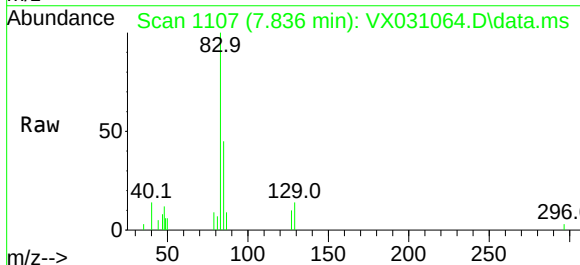


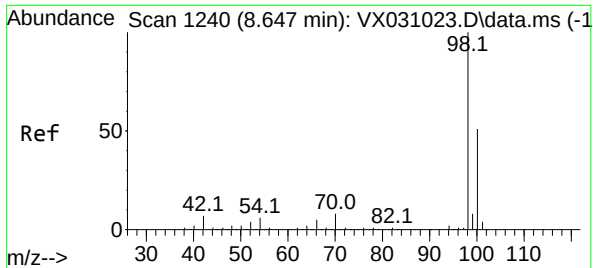
Tgt Ion:113 Resp: 128387  
Ion Ratio Lower Upper  
113 100  
111 103.9 83.2 124.8  
192 20.6 14.8 22.2



#47  
Bromodichloromethane  
Concen: 1.064 ug/l  
RT: 7.836 min Scan# 1107  
Delta R.T. 0.012 min  
Lab File: VX031064.D  
Acq: 02 Sep 2022 14:05

Tgt Ion: 83 Resp: 3823  
Ion Ratio Lower Upper  
83 100  
85 44.6 53.5 80.3#  
127 9.7 6.6 10.0

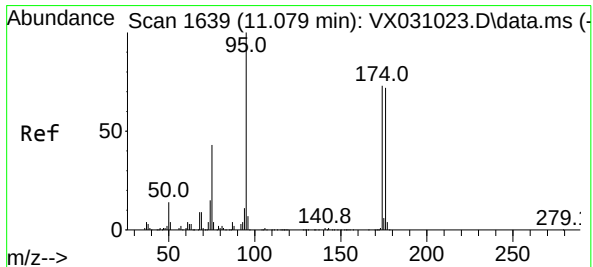
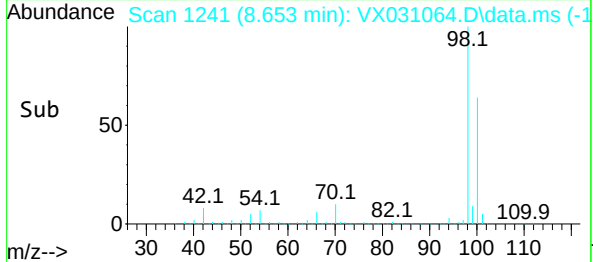
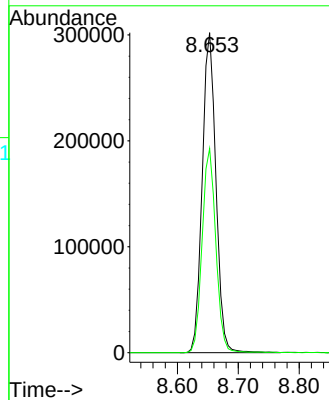
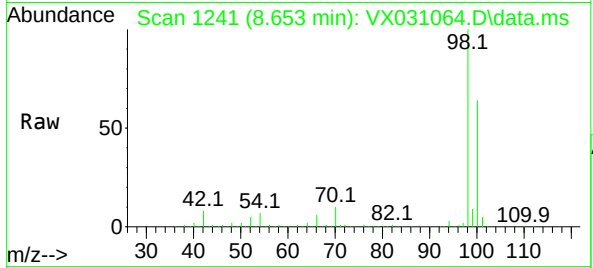




#50  
Toluene-d8  
Concen: 51.526 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX031064.D  
Acq: 02 Sep 2022 14:05

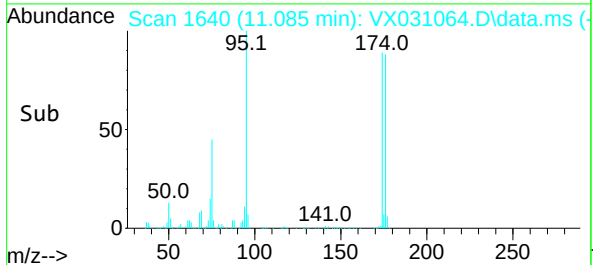
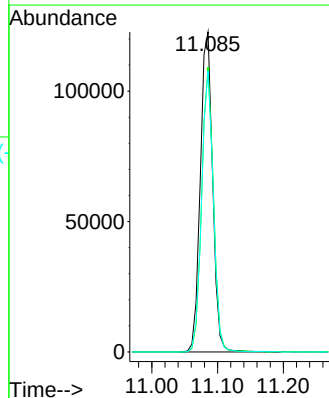
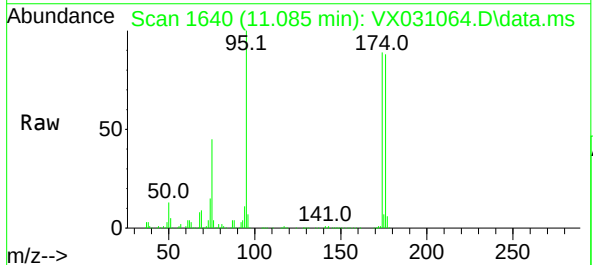
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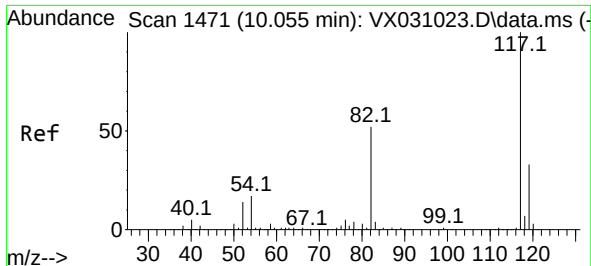
Tgt Ion: 98 Resp: 472791  
Ion Ratio Lower Upper  
98 100  
100 63.7 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 49.118 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX031064.D  
Acq: 02 Sep 2022 14:05

Tgt Ion: 95 Resp: 159185  
Ion Ratio Lower Upper  
95 100  
174 85.4 0.0 149.0  
176 84.4 0.0 146.0

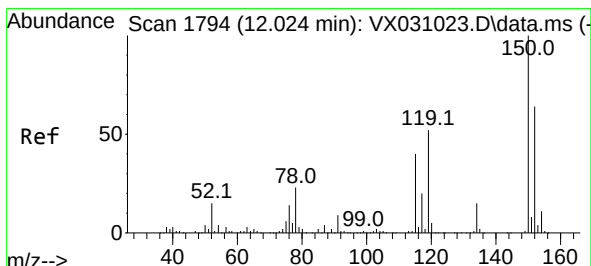
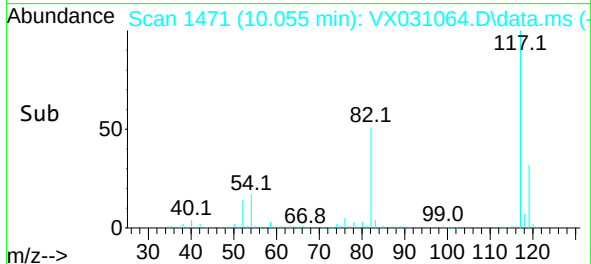
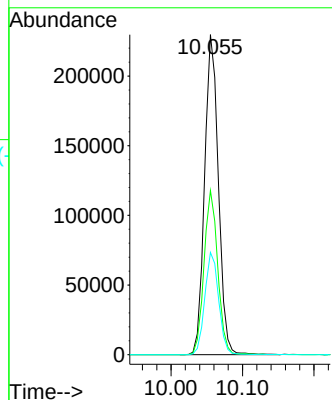
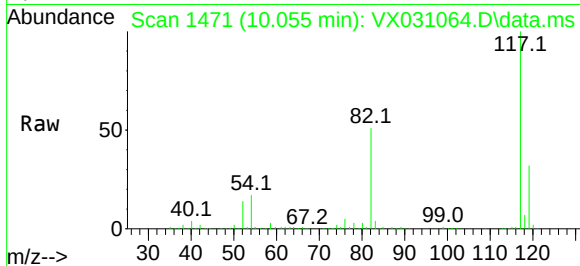




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031064.D  
Acq: 02 Sep 2022 14:05

Instrument :  
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Tgt Ion:117 Resp: 307761  
Ion Ratio Lower Upper  
117 100  
82 51.3 42.7 64.1  
119 32.0 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX031064.D  
Acq: 02 Sep 2022 14:05

Tgt Ion:152 Resp: 142525  
Ion Ratio Lower Upper  
152 100  
115 57.3 40.5 121.5  
150 155.2 0.0 347.0

