

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092822\  
 Data File : VX031758.D  
 Acq On : 29 Sep 2022 04:30  
 Operator : JC/MD  
 Sample : N4850-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-14B-SP-2

Quant Time: Sep 29 06:25:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 27 01:44:18 2022  
 Response via : Initial Calibration

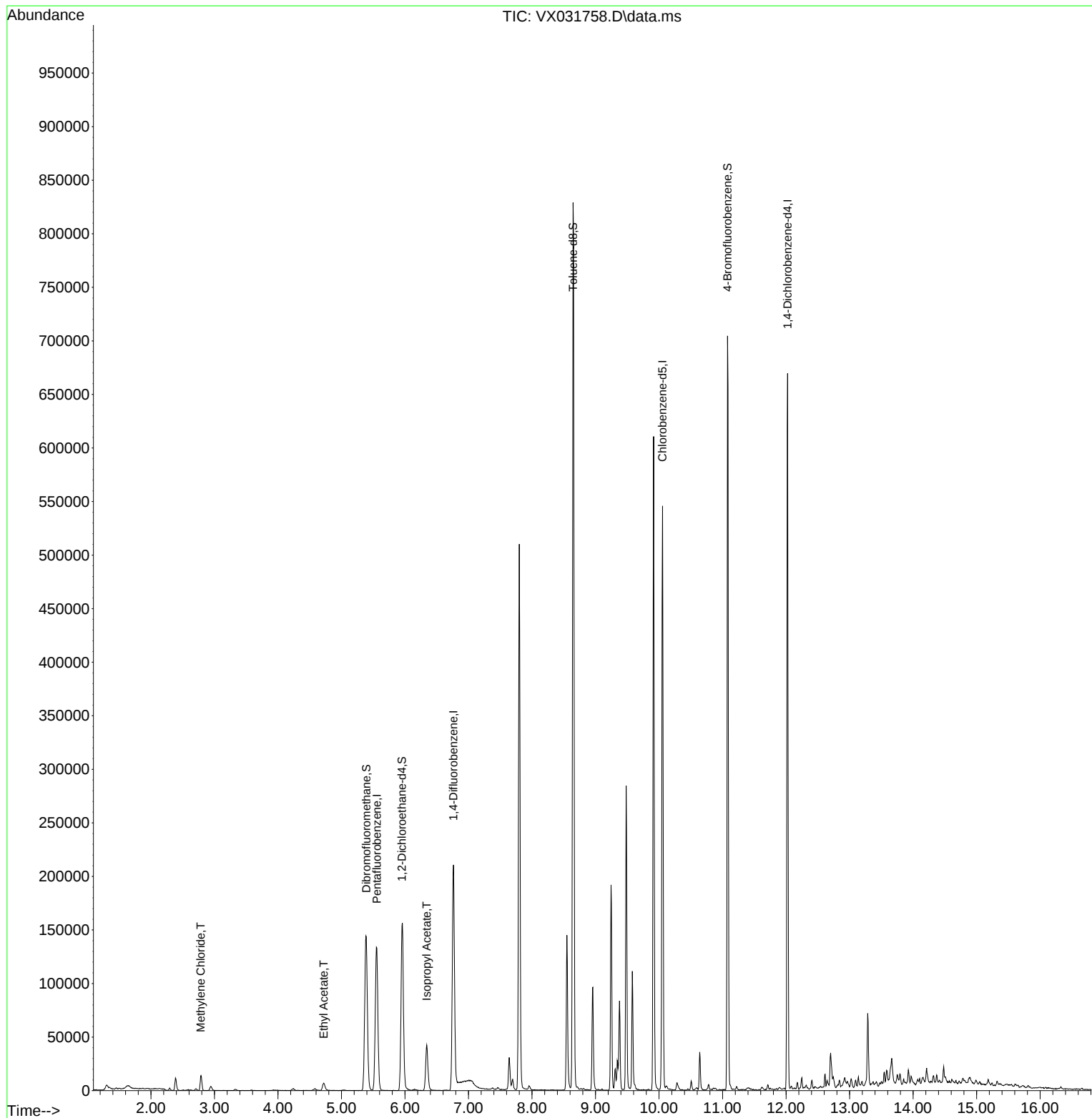
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 128292   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 215243   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 248534   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 135009   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 148002   | 54.355   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 108.700% |          |
| 35) Dibromofluoromethane    | 5.391  | 113   | 125165   | 48.804   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 97.600%  |          |
| 50) Toluene-d8              | 8.647  | 98    | 503265   | 54.126   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 108.260% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 180852   | 53.069   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 106.140% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          |            | Qvalue   |
| 20) Methylene Chloride      | 2.782  | 84    | 6624     | 2.230    | ug/l       | 83       |
| 37) Ethyl Acetate           | 4.721  | 43    | 12688    | 4.271    | ug/l       | 99       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 54885    | 11.738   | ug/l #     | 95       |
| -----                       |        |       |          |          |            |          |

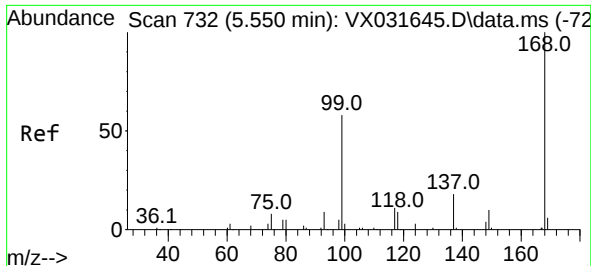
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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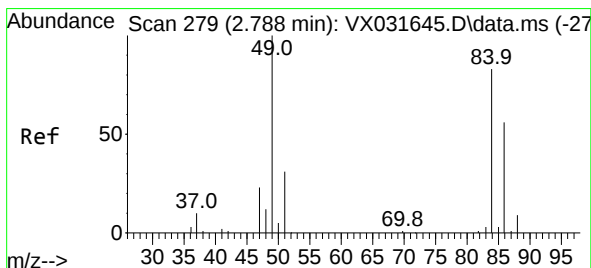
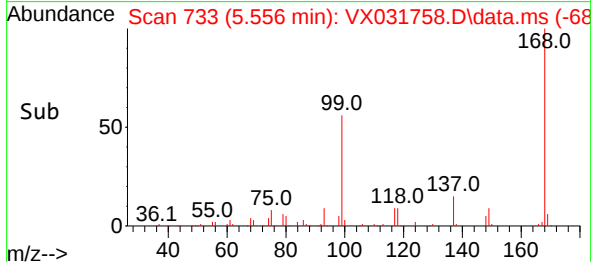
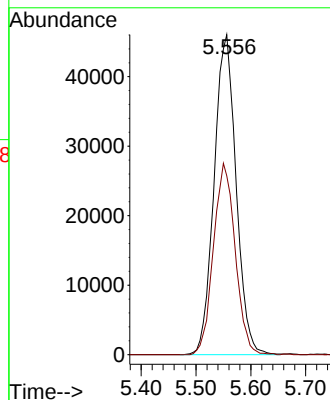
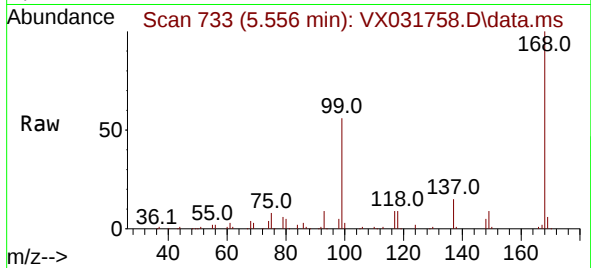




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX031758.D  
Acq: 29 Sep 2022 04:30

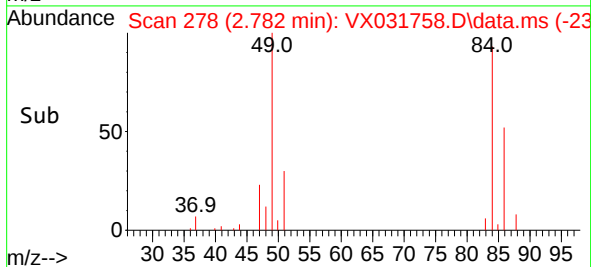
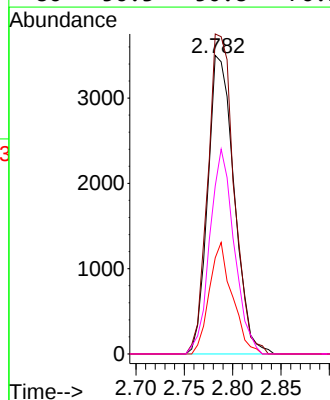
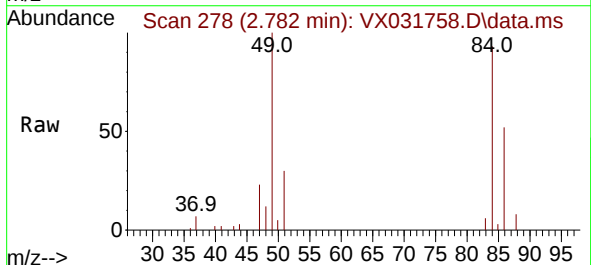
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-14B-SP-2

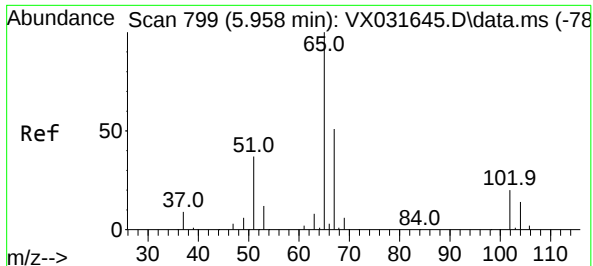
Tgt Ion:168 Resp: 128292  
Ion Ratio Lower Upper  
168 100  
99 55.9 48.8 73.2



#20  
Methylene Chloride  
Concen: 2.230 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.006 min  
Lab File: VX031758.D  
Acq: 29 Sep 2022 04:30

Tgt Ion: 84 Resp: 6624  
Ion Ratio Lower Upper  
84 100  
49 107.2 105.9 158.9  
51 32.2 32.2 48.2  
86 56.3 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 54.355 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031758.D

Acq: 29 Sep 2022 04:30

Instrument :

MSVOA\_X

ClientSampleId :

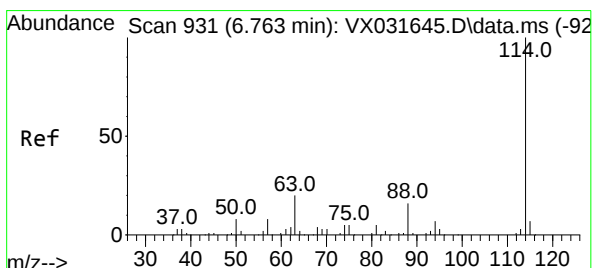
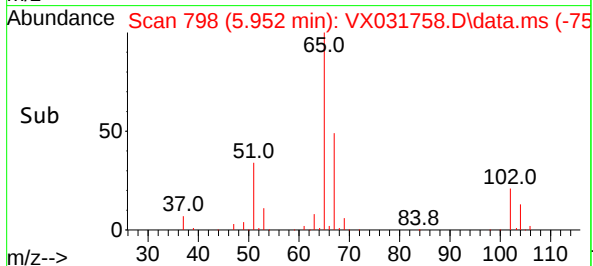
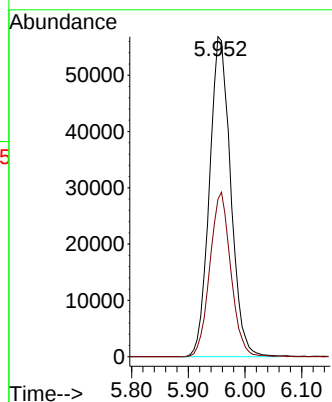
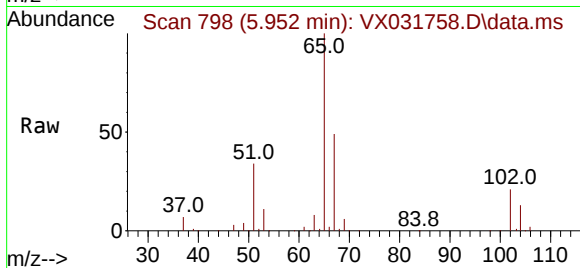
WC-14B-SP-2

Tgt Ion: 65 Resp: 148002

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031758.D

Acq: 29 Sep 2022 04:30

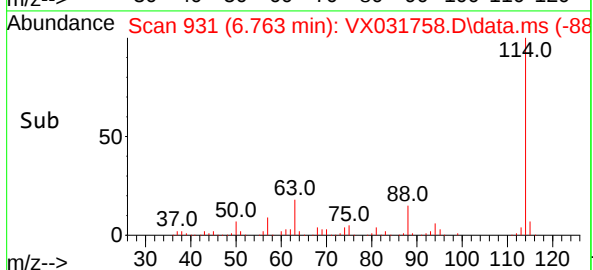
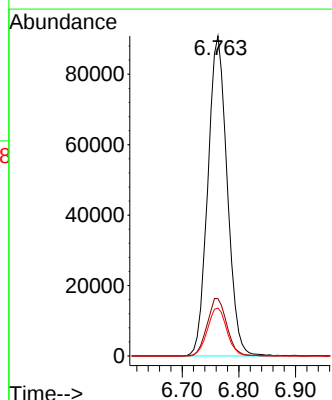
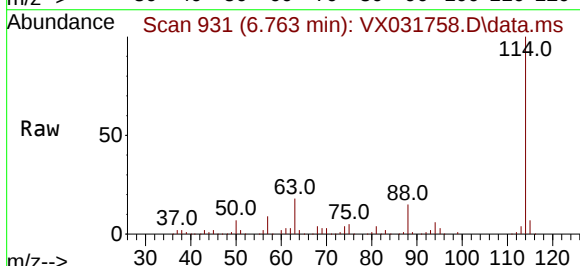
Tgt Ion: 114 Resp: 215243

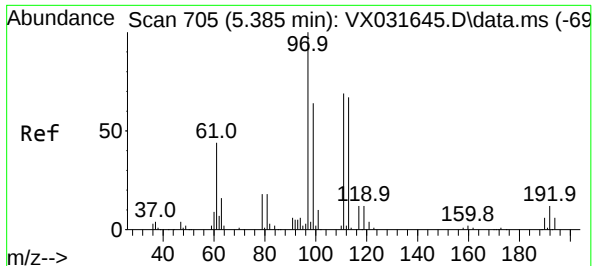
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.6

88 15.0 0.0 33.0

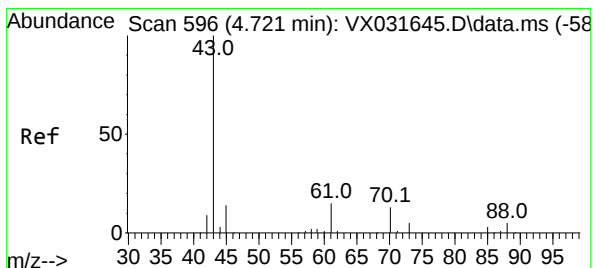
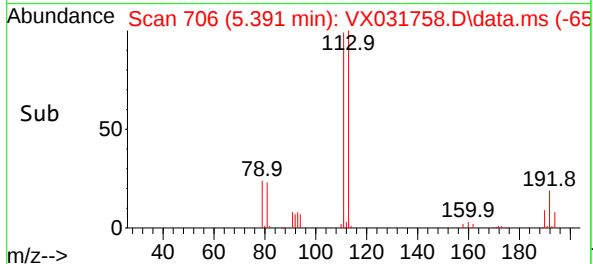
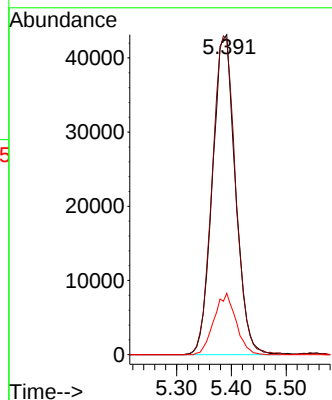
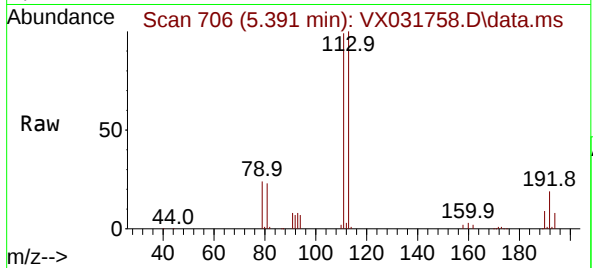




#35  
Dibromofluoromethane  
Concen: 48.804 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX031758.D  
Acq: 29 Sep 2022 04:30

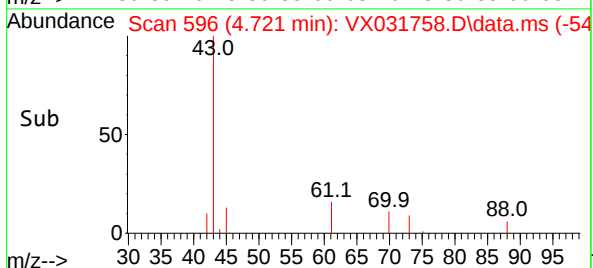
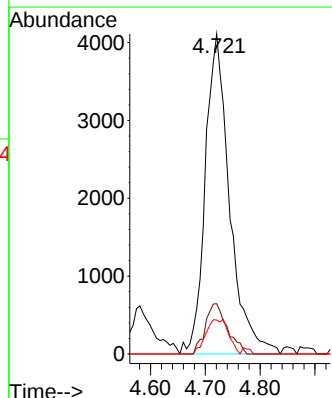
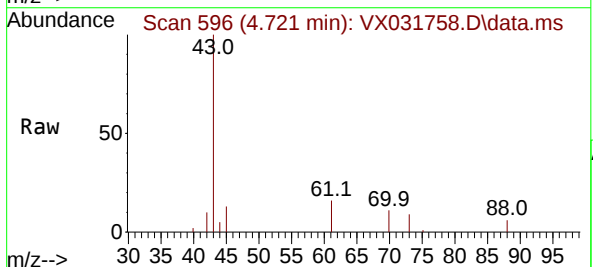
Instrument :  
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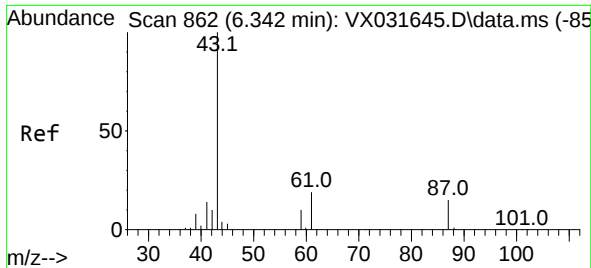
Tgt Ion:113 Resp: 125165  
Ion Ratio Lower Upper  
113 100  
111 101.8 82.4 123.6  
192 18.5 14.1 21.1



#37  
Ethyl Acetate  
Concen: 4.271 ug/l  
RT: 4.721 min Scan# 596  
Delta R.T. -0.000 min  
Lab File: VX031758.D  
Acq: 29 Sep 2022 04:30

Tgt Ion: 43 Resp: 12688  
Ion Ratio Lower Upper  
43 100  
61 14.2 11.1 16.7  
70 10.0 8.6 13.0

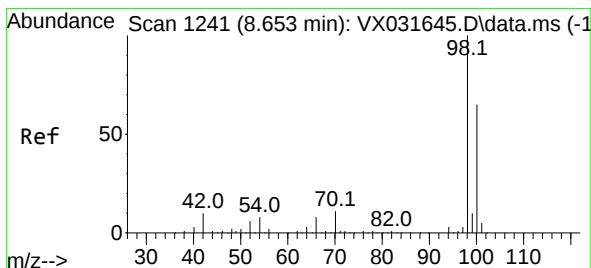
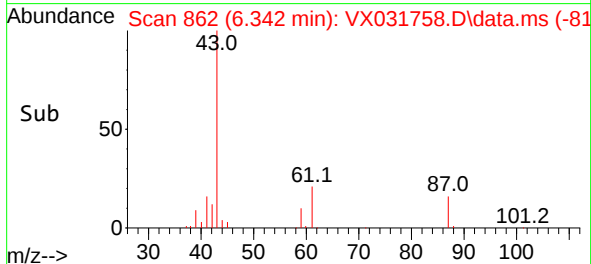
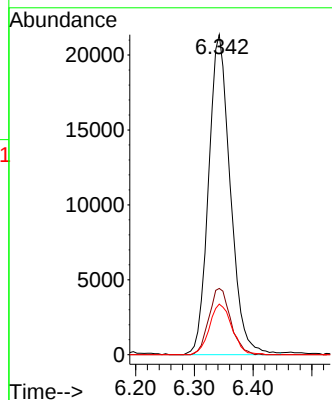
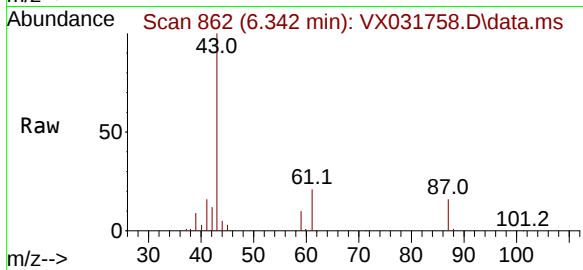




#43  
Isopropyl Acetate  
Concen: 11.738 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX031758.D  
Acq: 29 Sep 2022 04:30

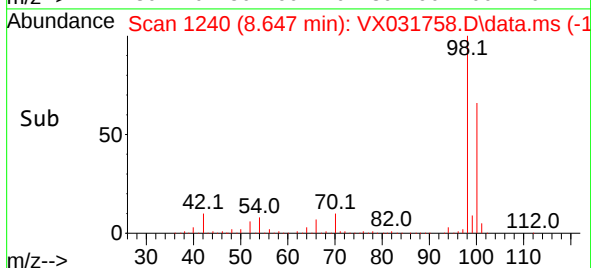
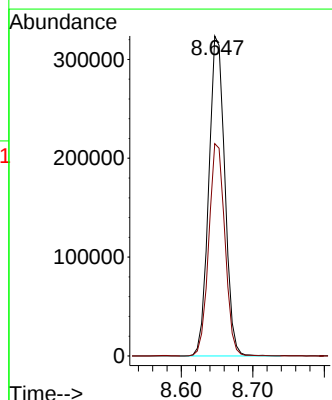
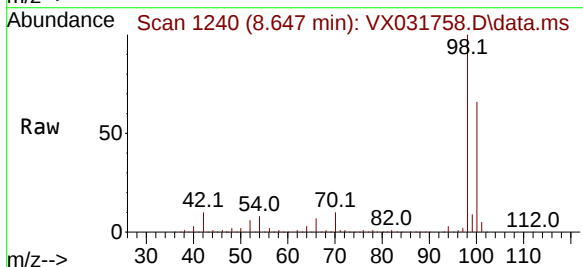
Instrument :  
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ClientSampleId :  
WC-14B-SP-2

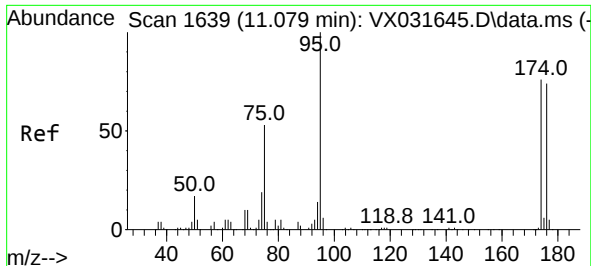
Tgt Ion: 43 Resp: 54885  
Ion Ratio Lower Upper  
43 100  
61 20.6 15.3 22.9  
87 16.3 10.6 15.8#



#50  
Toluene-d8  
Concen: 54.126 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX031758.D  
Acq: 29 Sep 2022 04:30

Tgt Ion: 98 Resp: 503265  
Ion Ratio Lower Upper  
98 100  
100 66.7 52.5 78.7

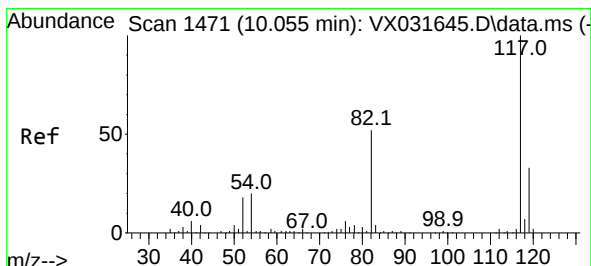
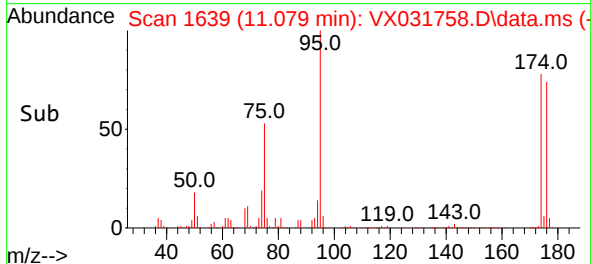
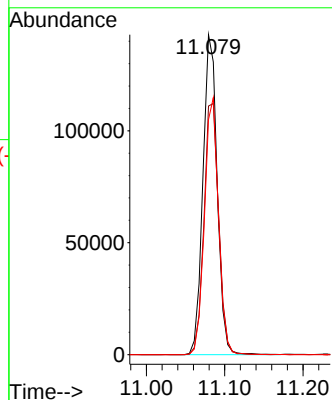
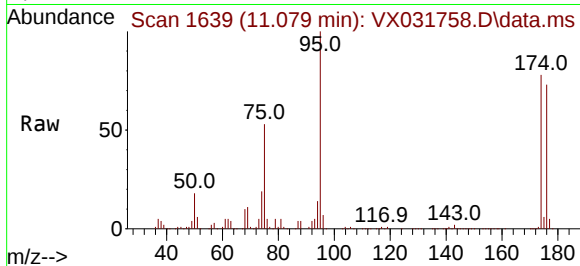




#62  
4-Bromofluorobenzene  
Concen: 53.069 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX031758.D  
Acq: 29 Sep 2022 04:30

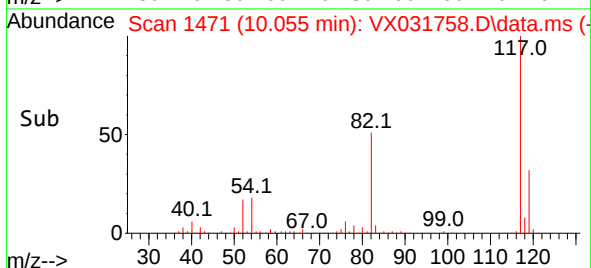
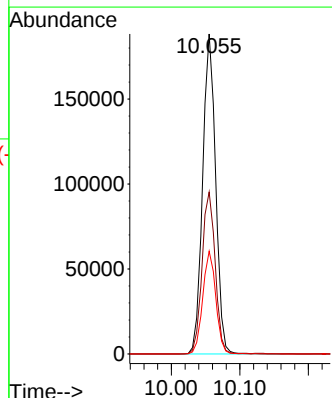
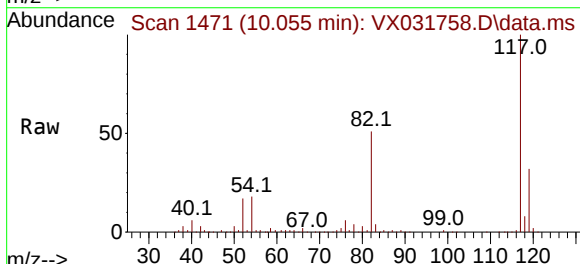
Instrument :  
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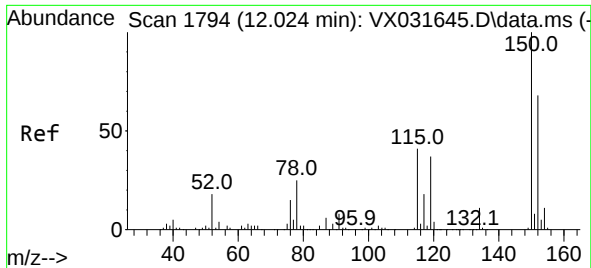
Tgt Ion: 95 Resp: 180852  
Ion Ratio Lower Upper  
95 100  
174 81.2 0.0 153.2  
176 79.0 0.0 144.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031758.D  
Acq: 29 Sep 2022 04:30

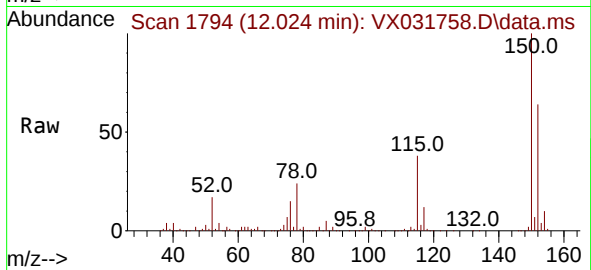
Tgt Ion: 117 Resp: 248534  
Ion Ratio Lower Upper  
117 100  
82 50.6 46.8 70.2  
119 32.1 26.4 39.6





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX031758.D  
 Acq: 29 Sep 2022 04:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-14B-SP-2



Tgt Ion:152 Resp: 135009  
 Ion Ratio Lower Upper  
 152 100  
 115 60.7 43.4 130.1  
 150 157.1 0.0 346.8

