

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090122\  
 Data File : VX031043.D  
 Acq On : 02 Sep 2022 00:26  
 Operator : JC/MD  
 Sample : N4297-24  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP08-20220821

Quant Time: Sep 02 02:57:44 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

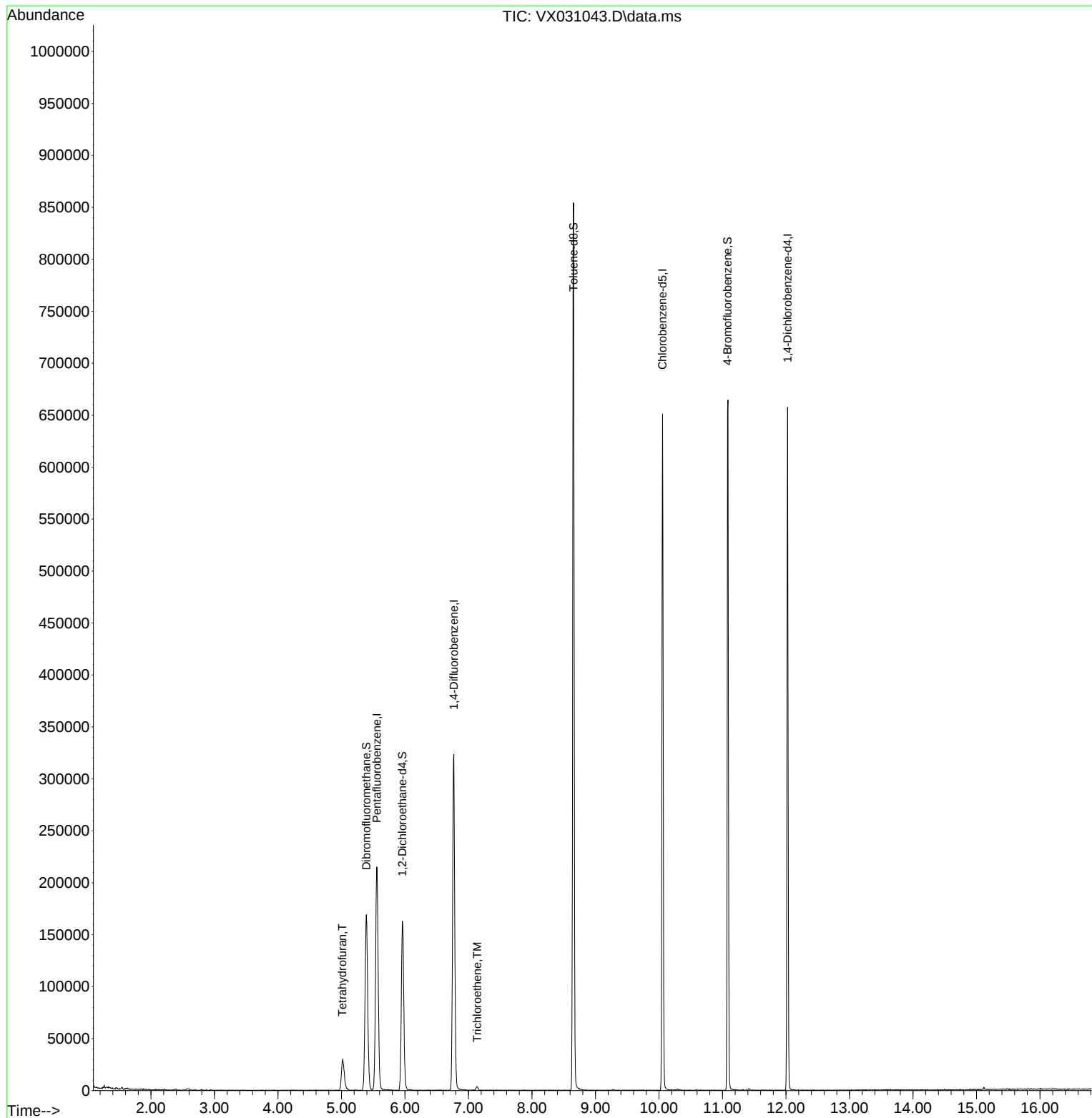
| Compound                    |        | R.T.   | QIon     | Response | Conc   | Units     | Dev(Min) |
|-----------------------------|--------|--------|----------|----------|--------|-----------|----------|
| -----                       |        |        |          |          |        |           |          |
| Internal Standards          |        |        |          |          |        |           |          |
| 1) Pentafluorobenzene       |        | 5.556  | 168      | 217543   | 50.000 | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     |        | 6.769  | 114      | 357519   | 50.000 | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        |        | 10.055 | 117      | 321369   | 50.000 | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  |        | 12.024 | 152      | 144462   | 50.000 | ug/l      | 0.00     |
| System Monitoring Compounds |        |        |          |          |        |           |          |
| 33) 1,2-Dichloroethane-d4   |        | 5.958  | 65       | 156813   | 56.022 | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range  | 74 - 125 | Recovery | =      | 112.040%  |          |
| 35) Dibromofluoromethane    |        | 5.391  | 113      | 150514   | 57.689 | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range  | 75 - 124 | Recovery | =      | 115.380%  |          |
| 50) Toluene-d8              |        | 8.653  | 98       | 548284   | 57.099 | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range  | 86 - 113 | Recovery | =      | 114.200%# |          |
| 62) 4-Bromofluorobenzene    |        | 11.079 | 95       | 188768   | 55.659 | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range  | 83 - 123 | Recovery | =      | 111.320%  |          |
| Target Compounds            |        |        |          |          |        |           |          |
| 29) Tetrahydrofuran         |        | 5.013  | 42       | 26592    | 24.725 | ug/l #    | 83       |
| 44) Trichloroethene         |        | 7.135  | 130      | 1864     | 0.561  | ug/l      | 90       |
| -----                       |        |        |          |          |        |           |          |

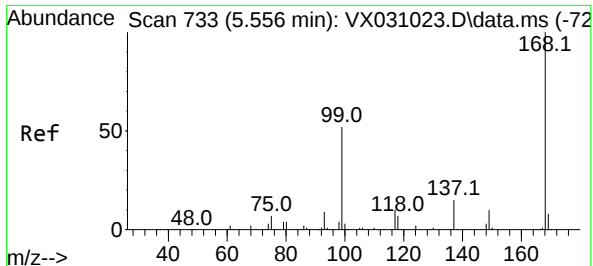
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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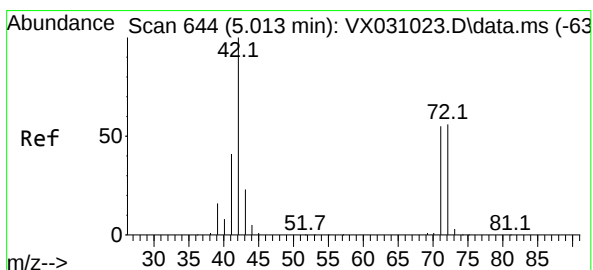
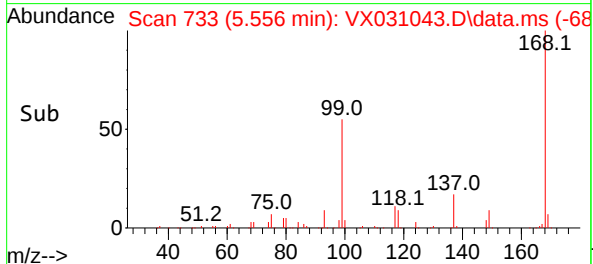
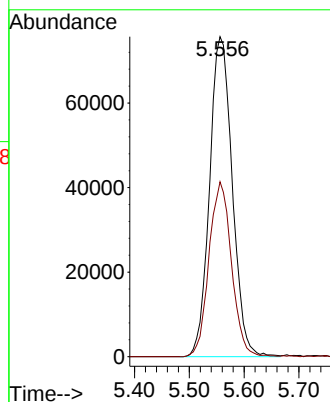
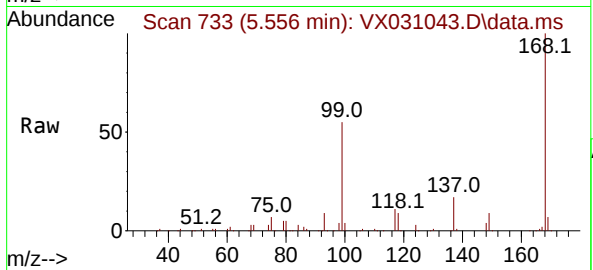




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX031043.D  
Acq: 02 Sep 2022 00:26

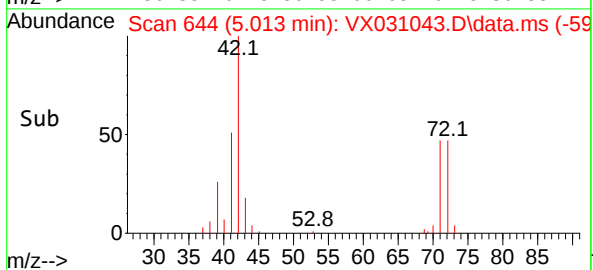
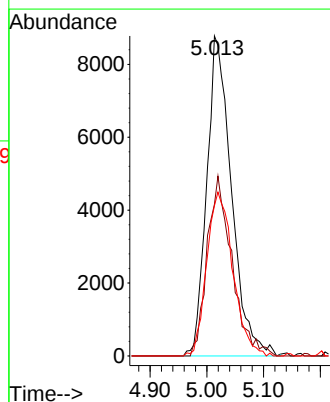
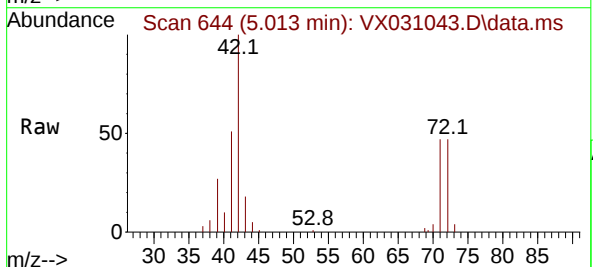
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP08-20220821

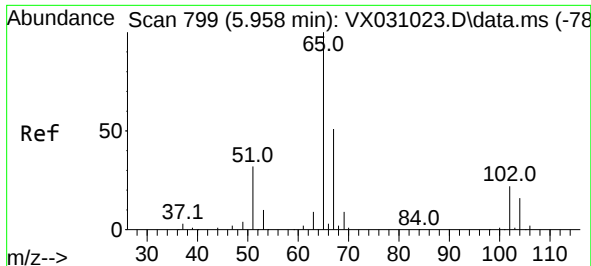
Tgt Ion:168 Resp: 217543  
Ion Ratio Lower Upper  
168 100  
99 54.6 44.0 66.0



#29  
Tetrahydrofuran  
Concen: 24.725 ug/l  
RT: 5.013 min Scan# 644  
Delta R.T. 0.000 min  
Lab File: VX031043.D  
Acq: 02 Sep 2022 00:26

Tgt Ion: 42 Resp: 26592  
Ion Ratio Lower Upper  
42 100  
72 56.4 36.5 54.7#  
71 54.3 33.9 50.9#





#33

1,2-Dichloroethane-d4

Concen: 56.022 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031043.D

Acq: 02 Sep 2022 00:26

Instrument :

MSVOA\_X

ClientSampleId :

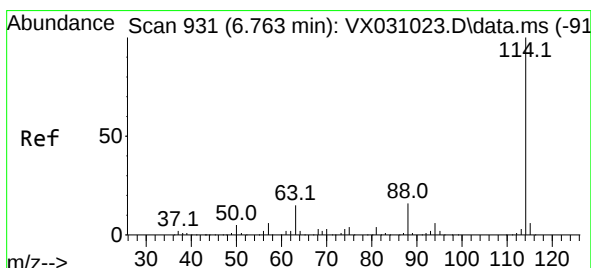
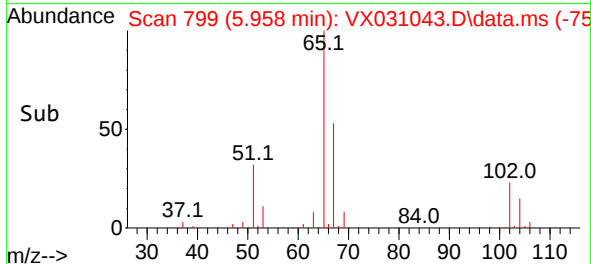
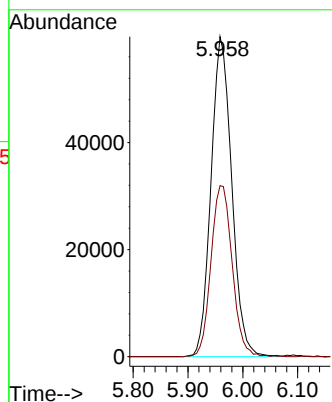
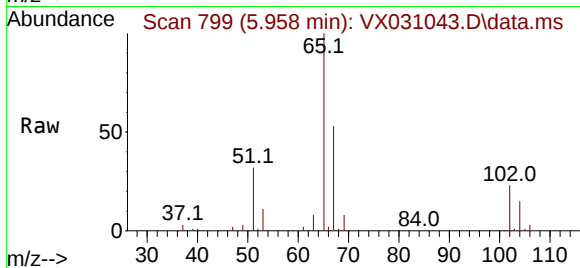
DUP08-20220821

Tgt Ion: 65 Resp: 156813

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031043.D

Acq: 02 Sep 2022 00:26

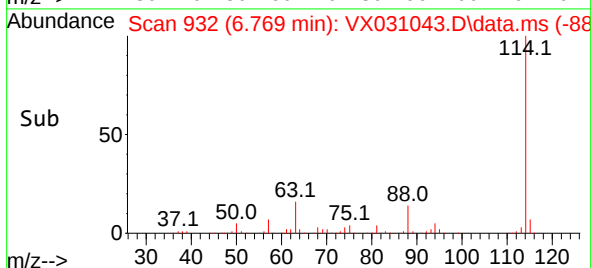
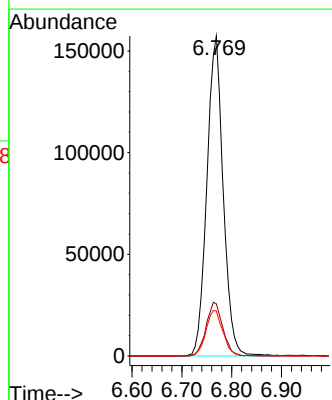
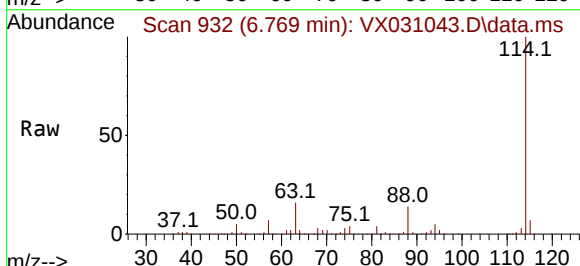
Tgt Ion: 114 Resp: 357519

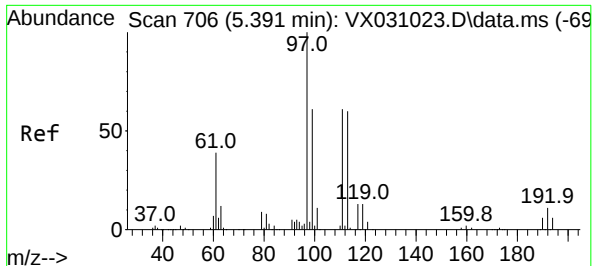
Ion Ratio Lower Upper

114 100

63 16.3 0.0 38.4

88 14.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 57.689 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031043.D

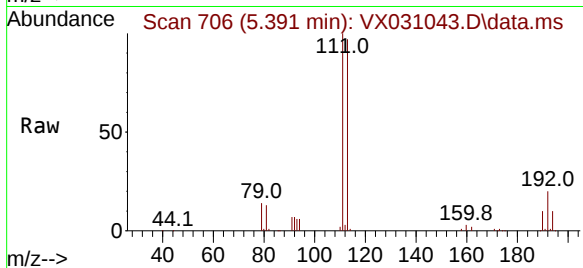
Acq: 02 Sep 2022 00:26

Instrument :

MSVOA\_X

ClientSampleId :

DUP08-20220821



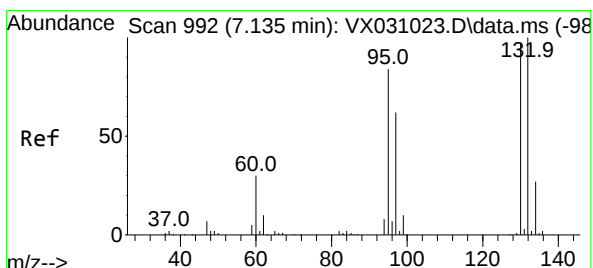
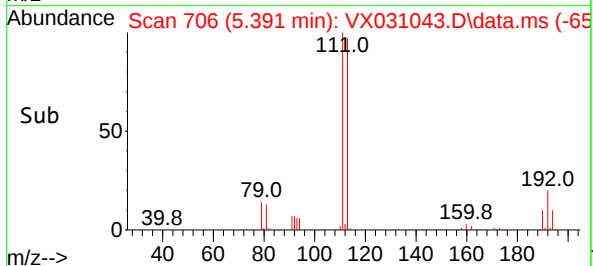
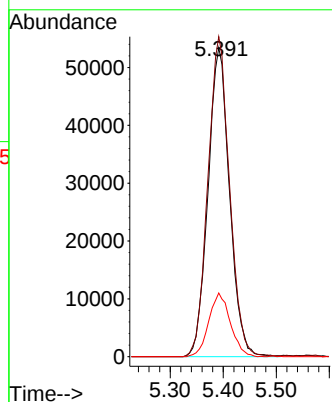
Tgt Ion:113 Resp: 150514

Ion Ratio Lower Upper

113 100

111 104.1 83.2 124.8

192 20.7 14.8 22.2



#44

Trichloroethene

Concen: 0.561 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX031043.D

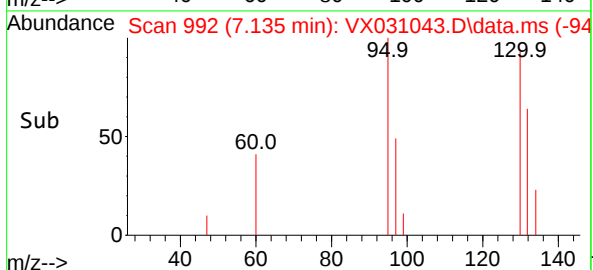
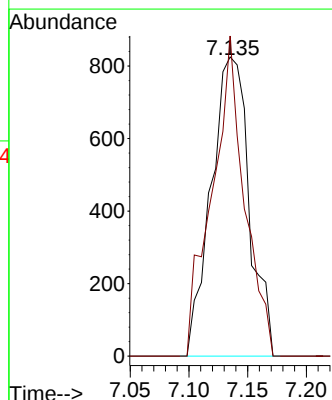
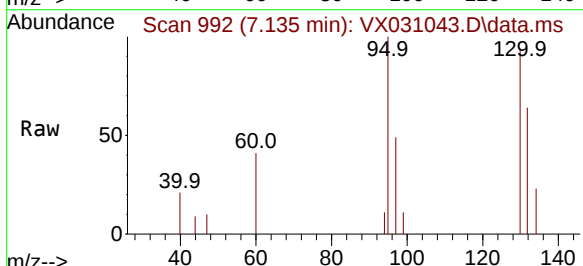
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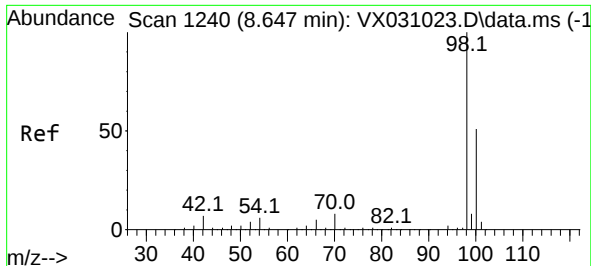
Tgt Ion:130 Resp: 1864

Ion Ratio Lower Upper

130 100

95 107.0 0.0 194.8

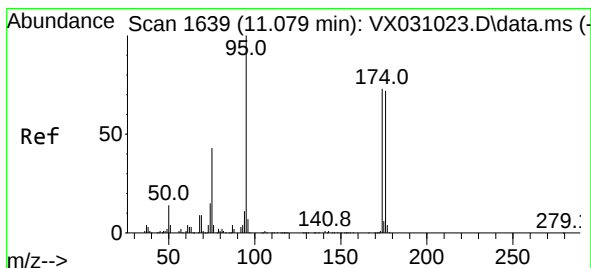
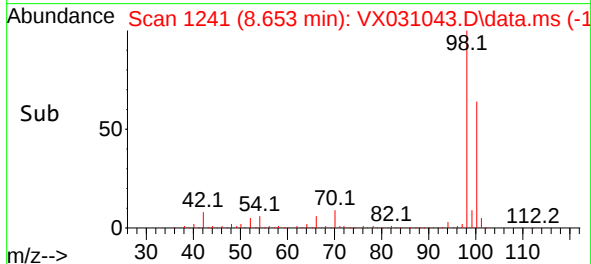
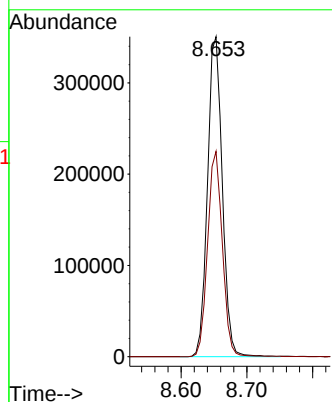
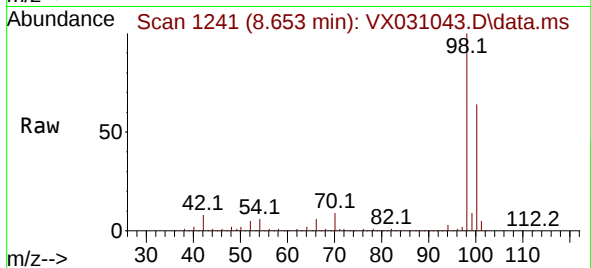




#50  
Toluene-d8  
Concen: 57.099 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031043.D  
Acq: 02 Sep 2022 00:26

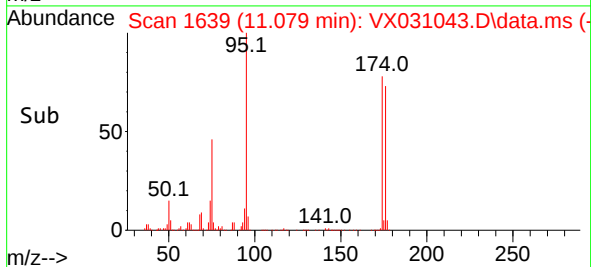
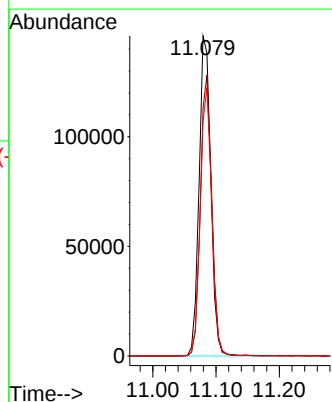
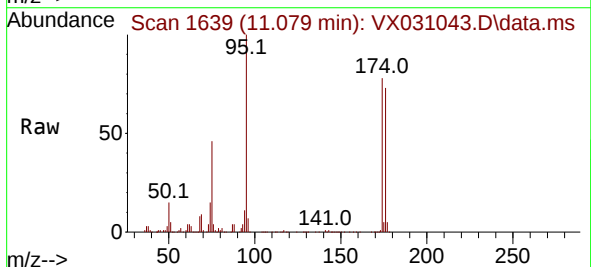
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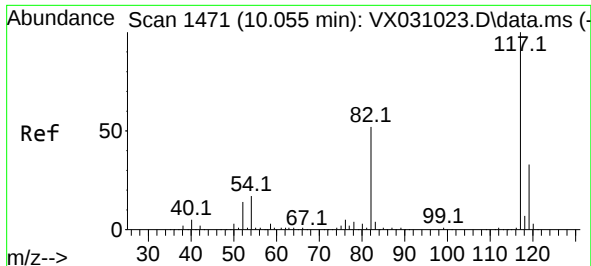
Tgt Ion: 98 Resp: 548284  
Ion Ratio Lower Upper  
98 100  
100 64.1 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 55.659 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX031043.D  
Acq: 02 Sep 2022 00:26

Tgt Ion: 95 Resp: 188768  
Ion Ratio Lower Upper  
95 100  
174 85.5 0.0 149.0  
176 82.1 0.0 146.0

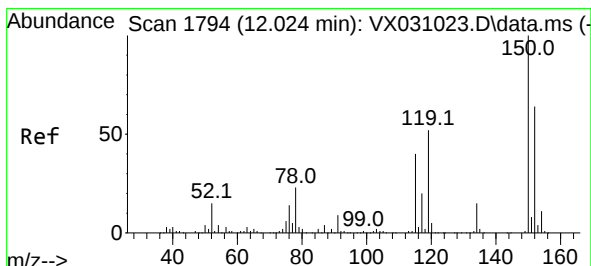
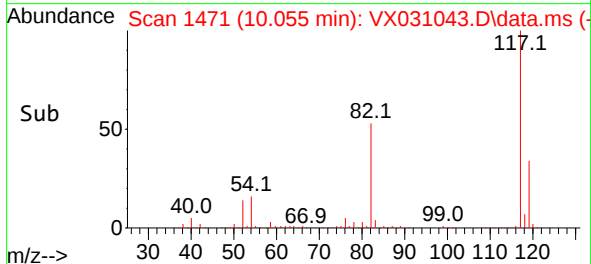
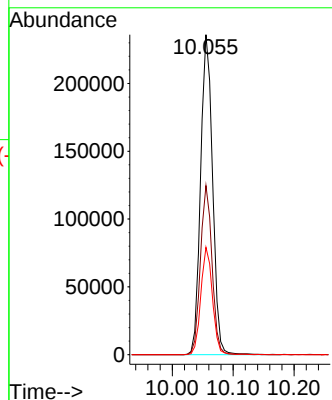
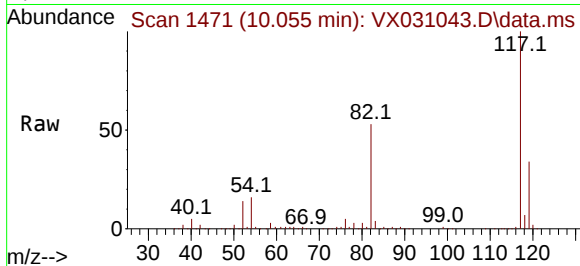




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031043.D  
Acq: 02 Sep 2022 00:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:117 Resp: 321369  
Ion Ratio Lower Upper  
117 100  
82 52.9 42.7 64.1  
119 33.5 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: VX031043.D  
Acq: 02 Sep 2022 00:26

Tgt Ion:152 Resp: 144462  
Ion Ratio Lower Upper  
152 100  
115 57.1 40.5 121.5  
150 158.9 0.0 347.0

