

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023121.D
 Acq On : 02 Jul 2021 20:39
 Operator : JC/MD
 Sample : M2924-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jul 05 02:58:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	231870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	381695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145613	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	164030	52.636	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.280%
35) Dibromofluoromethane	5.397	113	120733	48.982	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.960%
50) Toluene-d8	8.653	98	454309	49.412	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.820%
62) 4-Bromofluorobenzene	11.085	95	162835	45.875	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.740%

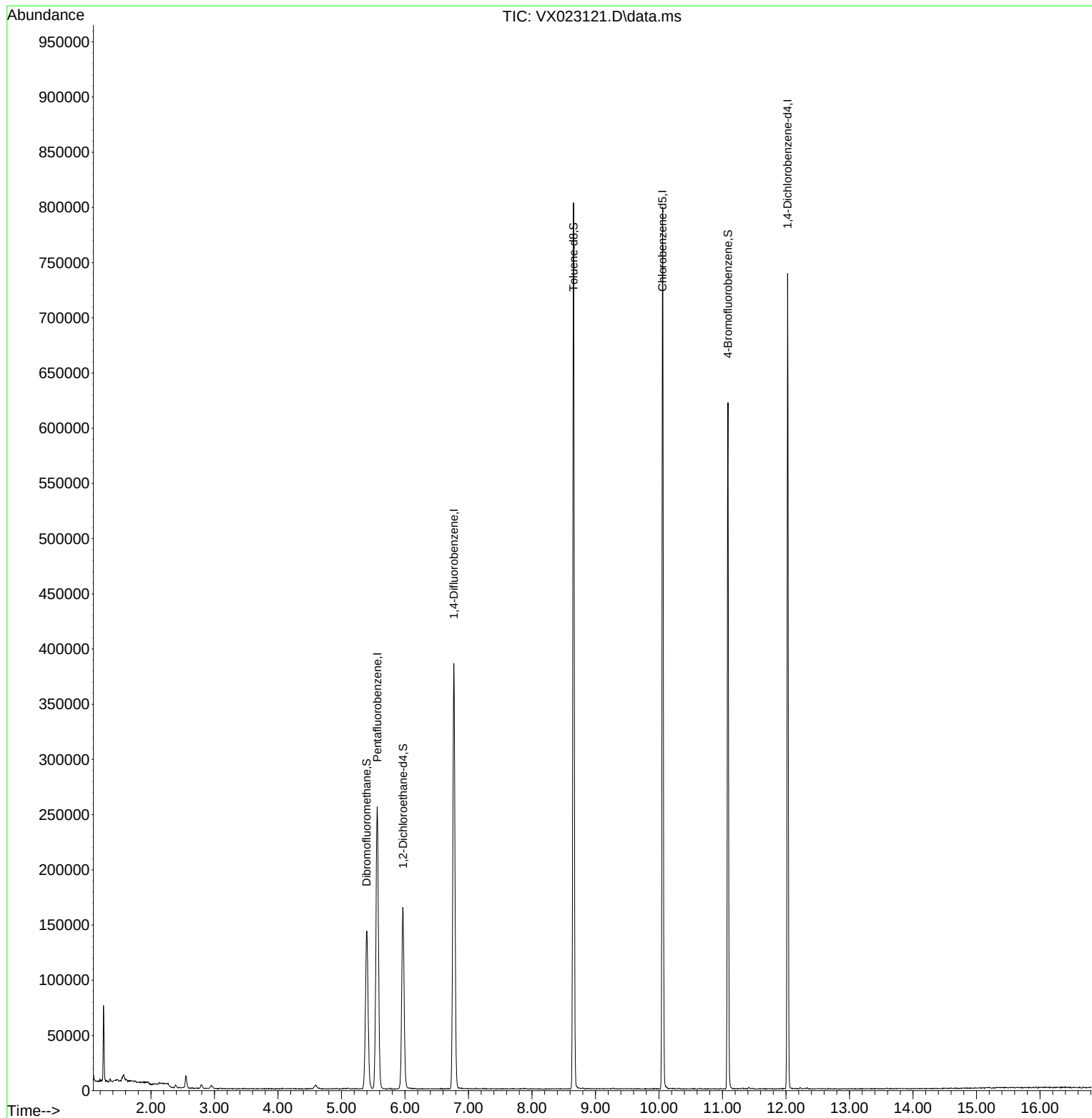
Target Compounds	Qvalue

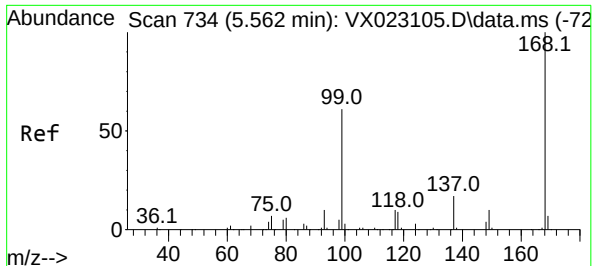
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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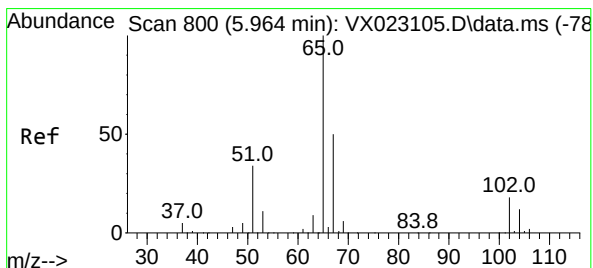
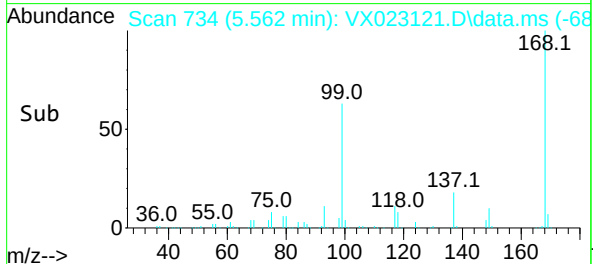
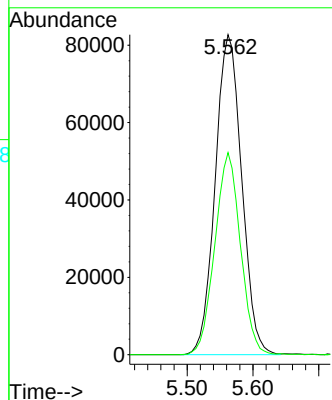
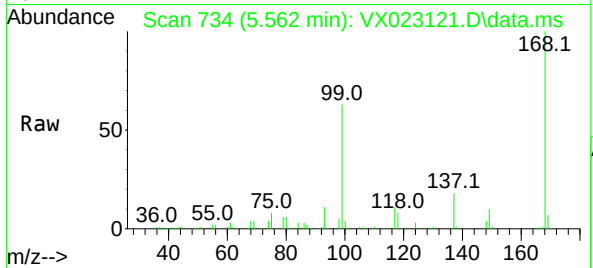




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

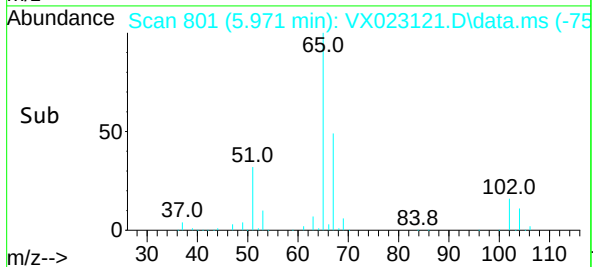
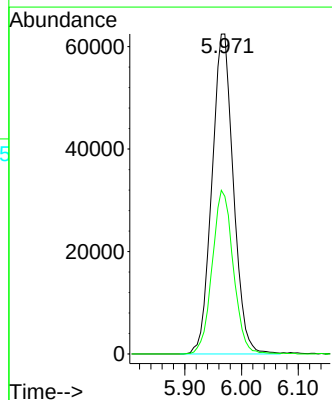
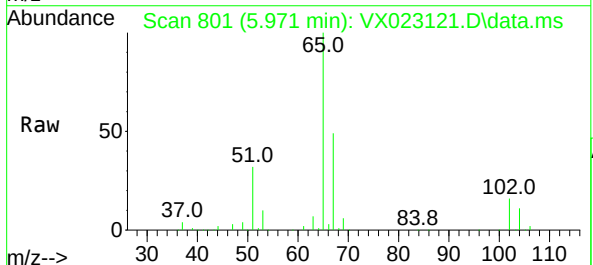
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

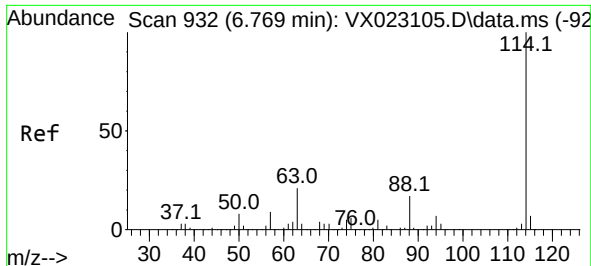
Tgt Ion:168 Resp: 231870
Ion Ratio Lower Upper
168 100
99 63.2 45.8 68.6



#33
1,2-Dichloroethane-d4
Concen: 52.636 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Tgt Ion: 65 Resp: 164030
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

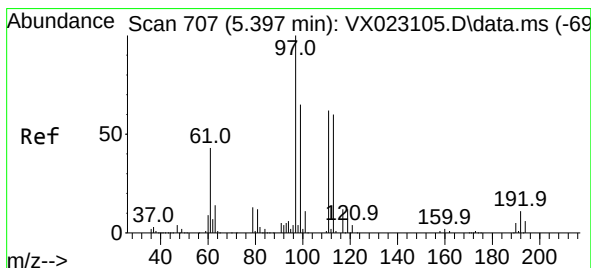
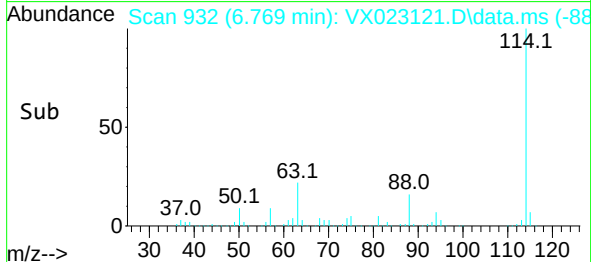
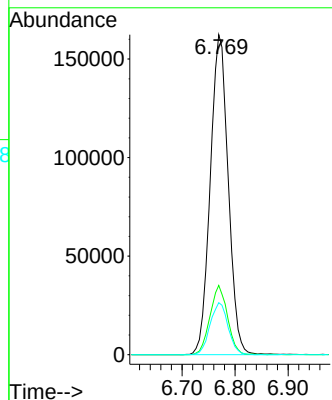
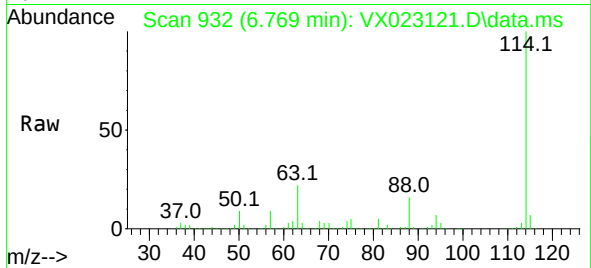




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

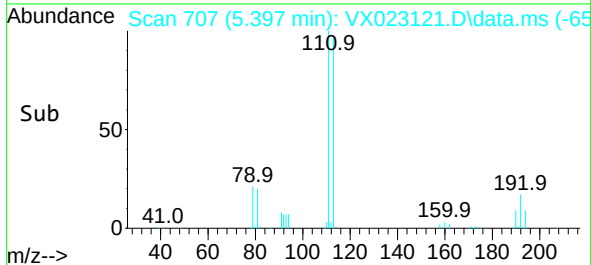
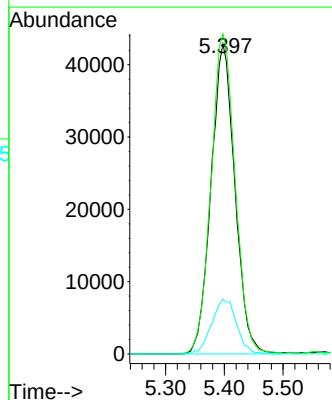
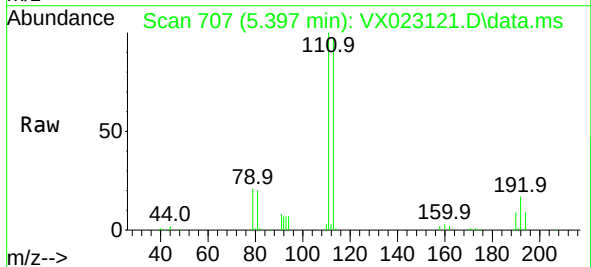
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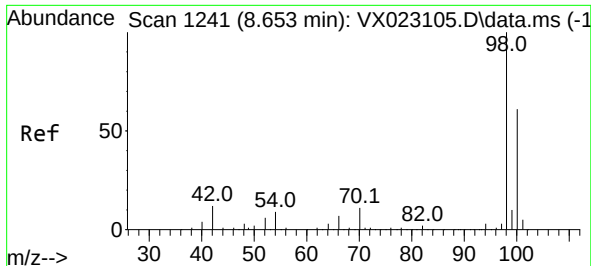
Tgt Ion:114 Resp: 381695
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.982 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Tgt Ion:113 Resp: 120733
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 18.5 16.7 25.1

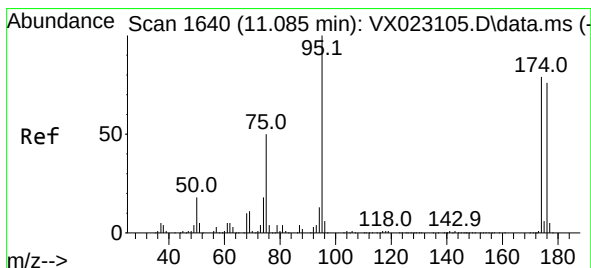
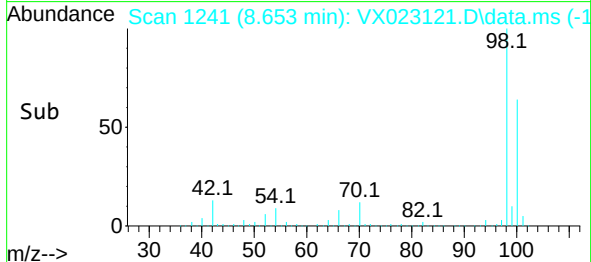
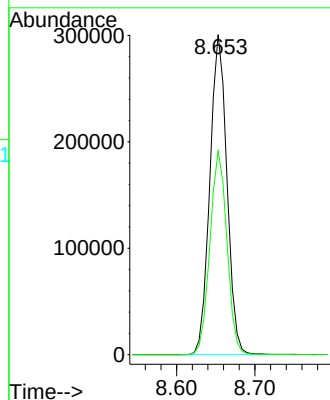
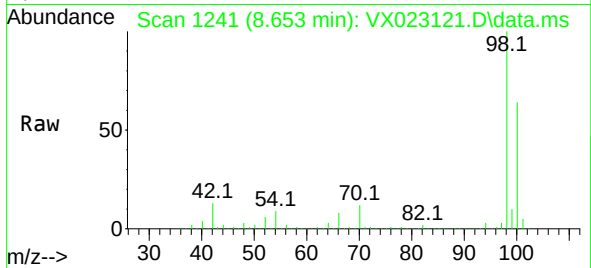




#50
Toluene-d8
Concen: 49.412 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

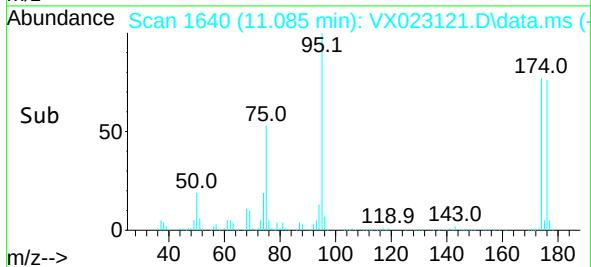
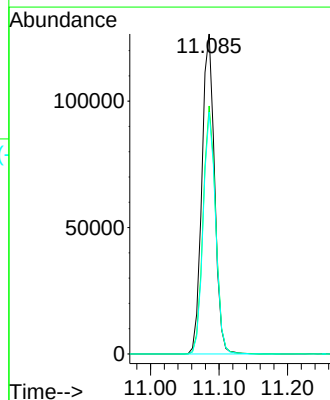
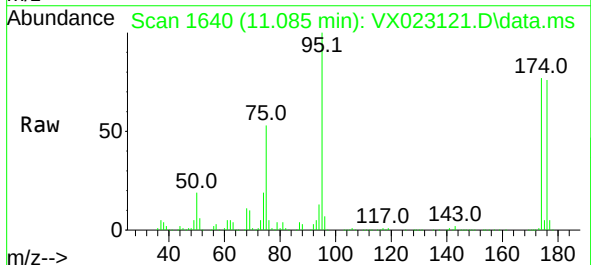
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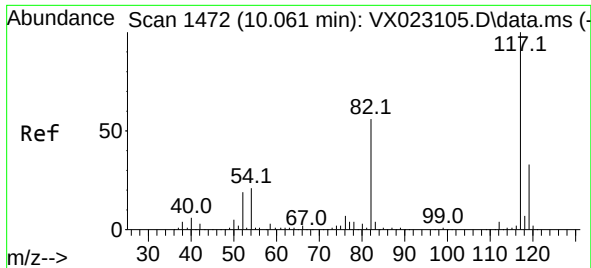
Tgt Ion: 98 Resp: 454309
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.875 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Tgt Ion: 95 Resp: 162835
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 74.2 0.0 155.8

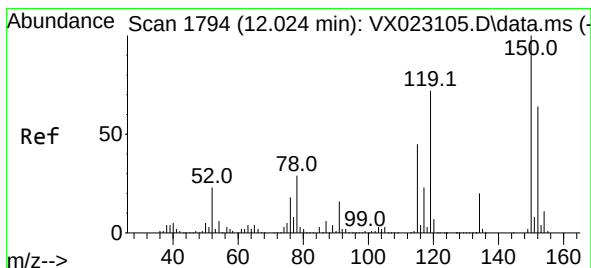
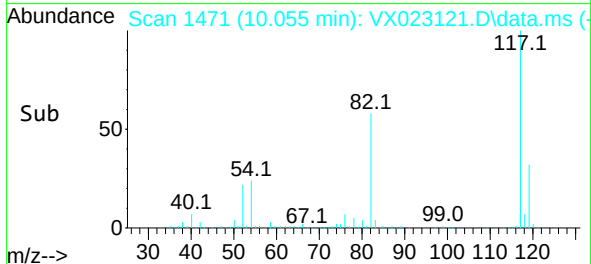
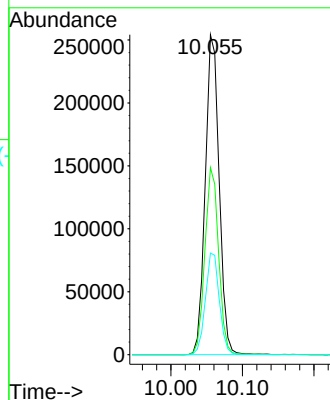
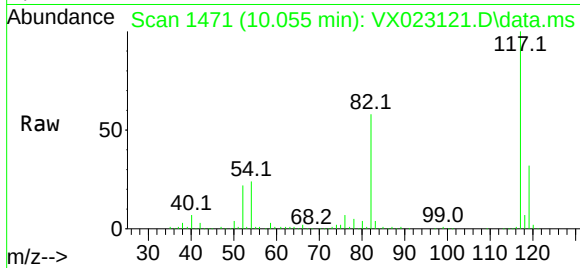




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 343717
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Tgt Ion:152 Resp: 145613
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 157.5 0.0 349.0

