

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023577.D
 Acq On : 05 Aug 2021 17:00
 Operator : JC/MD
 Sample : M3298-08 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ANTIFREEZE

Quant Time: Aug 06 03:24:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

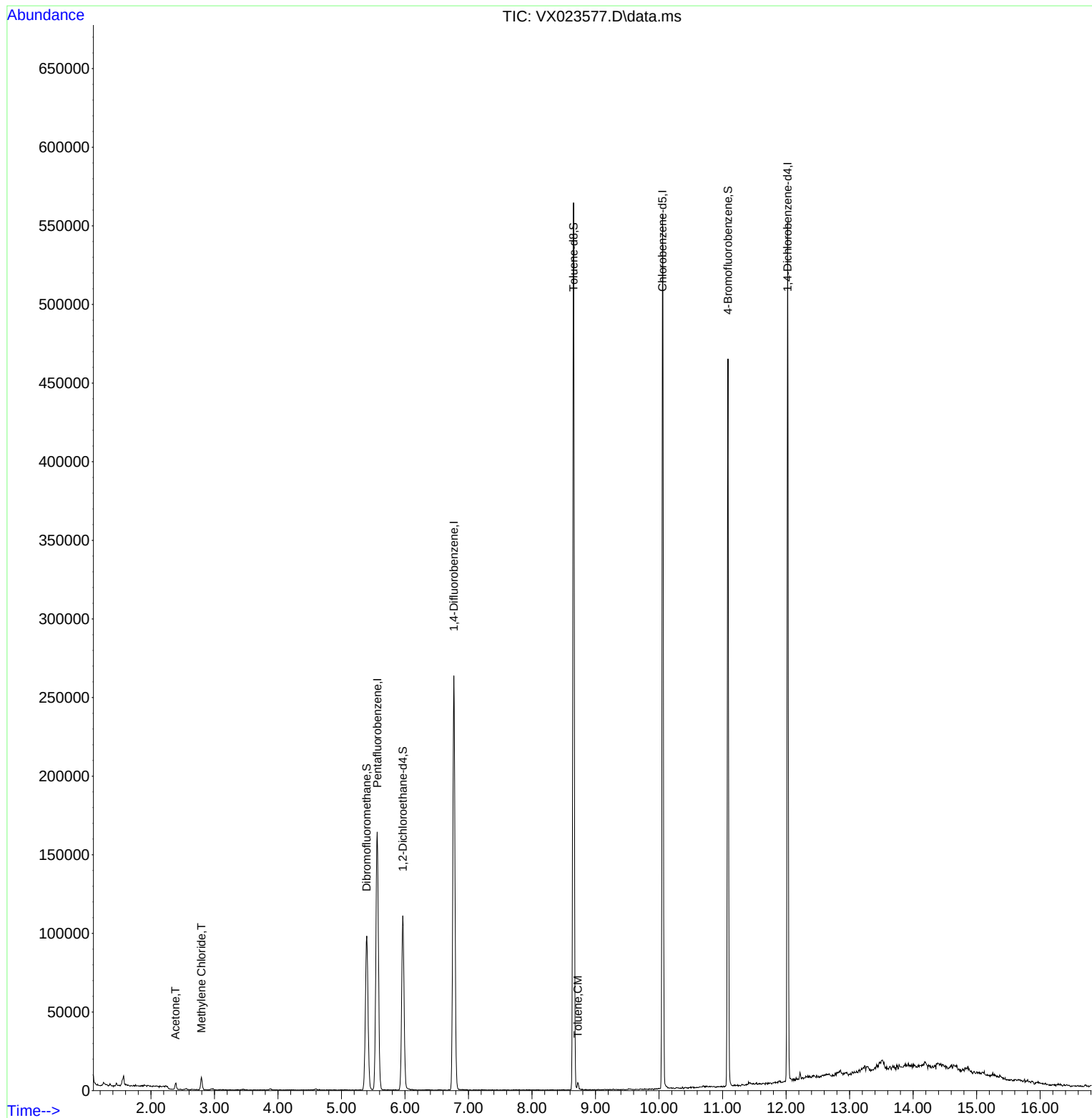
Internal Standards						
1) Pentafluorobenzene	5.562	168	155086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	264240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105152	54.354	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.700%	
35) Dibromofluoromethane	5.397	113	83100	50.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.600%	
50) Toluene-d8	8.653	98	325890	53.688	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.380%	
62) 4-Bromofluorobenzene	11.085	95	114449	55.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.900%	
Target Compounds						
						Qvalue
16) Acetone	2.386	43	4538	4.782	ug/l	90
20) Methylene Chloride	2.794	84	3321	1.799	ug/l	93
52) Toluene	8.720	92	1484	0.338	ug/l	90

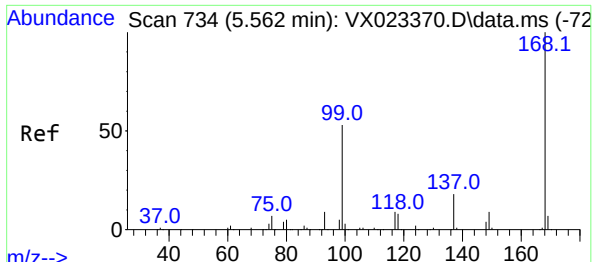
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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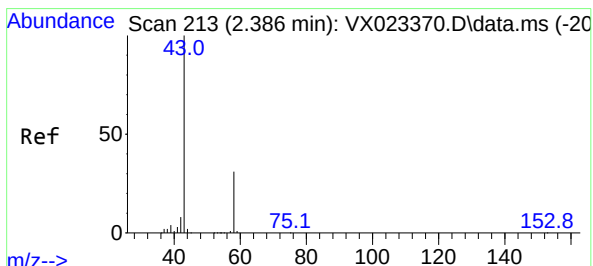
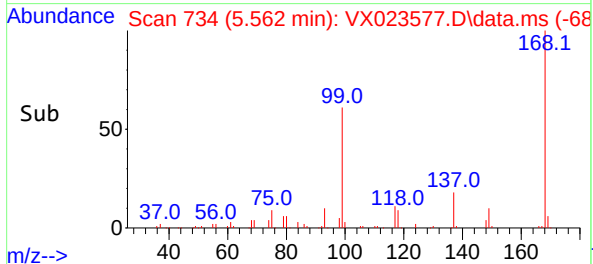
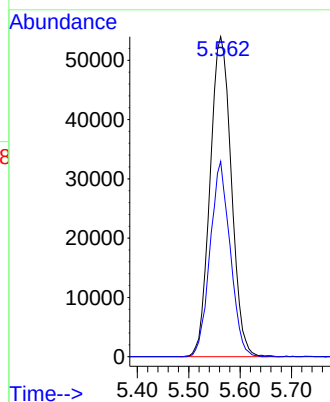
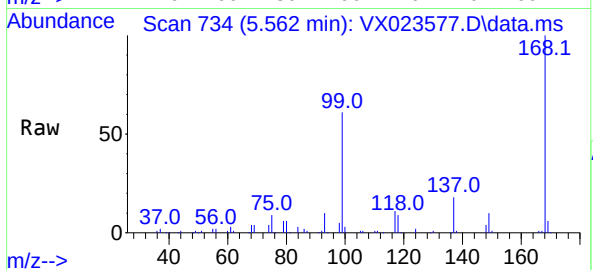




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023577.D
Acq: 05 Aug 2021 17:00

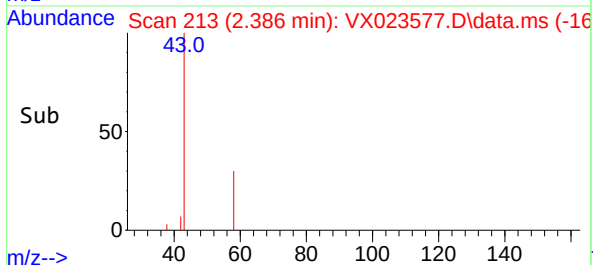
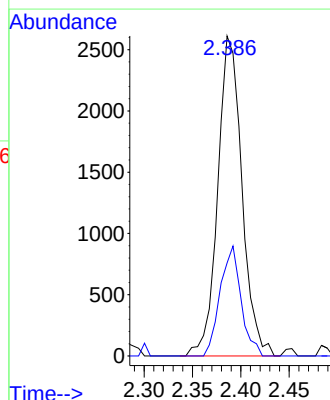
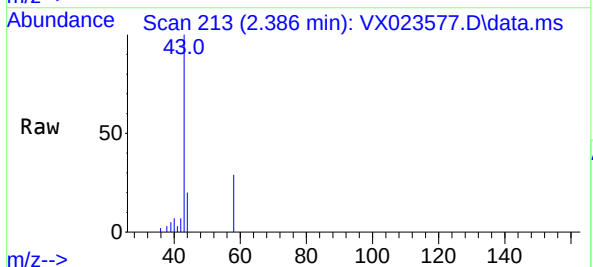
Instrument :
MSVOA_X
ClientSampleId :
ANTIFREEZE

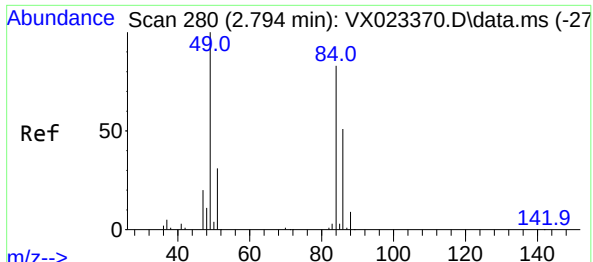
Tgt Ion:168 Resp: 155086
Ion Ratio Lower Upper
168 100
99 61.0 45.8 68.6



#16
Acetone
Concen: 4.782 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023577.D
Acq: 05 Aug 2021 17:00

Tgt Ion: 43 Resp: 4538
Ion Ratio Lower Upper
43 100
58 29.1 27.8 41.8



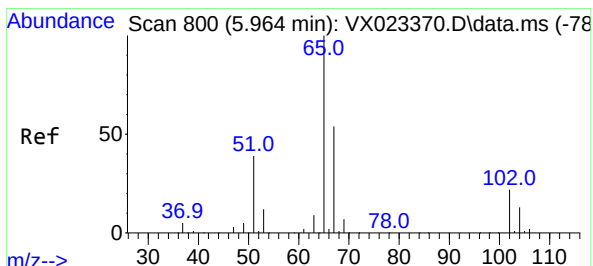
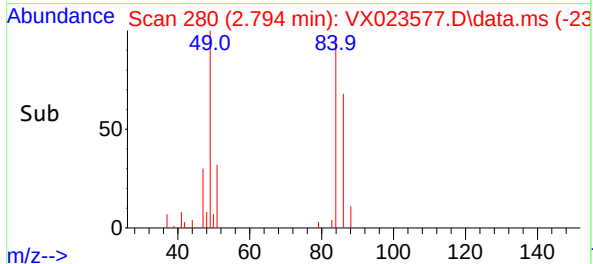
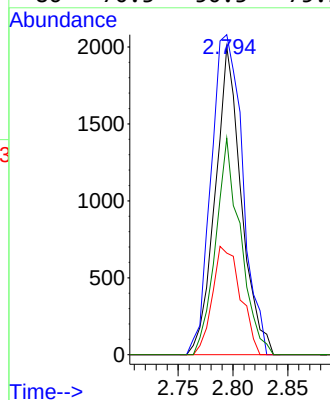
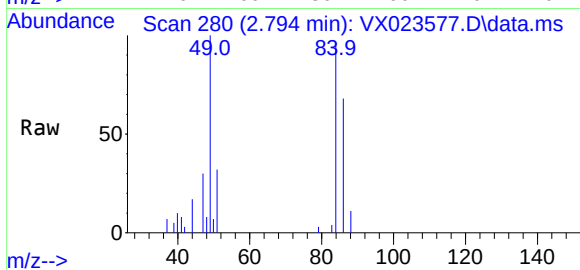


#20
Methylene Chloride
Concen: 1.799 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023577.D
Acq: 05 Aug 2021 17:00

Instrument :
MSVOA_X
ClientSampleId :
ANTIFREEZE

Tgt Ion: 84 Resp: 3321

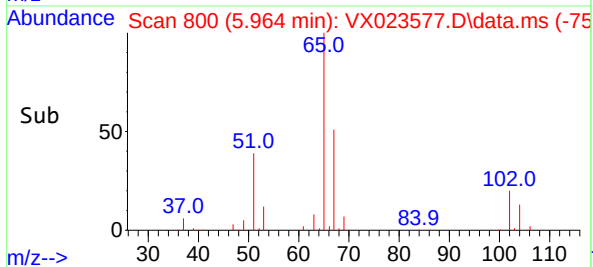
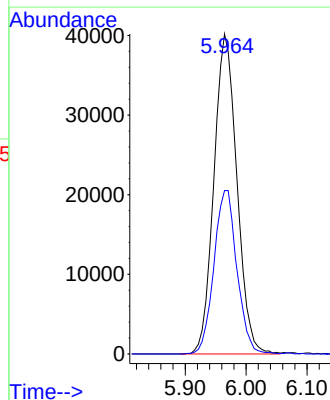
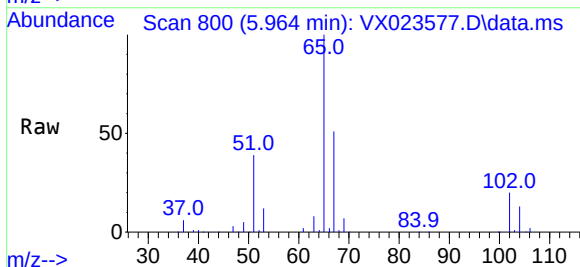
Ion	Ratio	Lower	Upper
84	100		
49	103.9	88.6	132.8
51	33.0	27.0	40.6
86	70.3	50.3	75.5

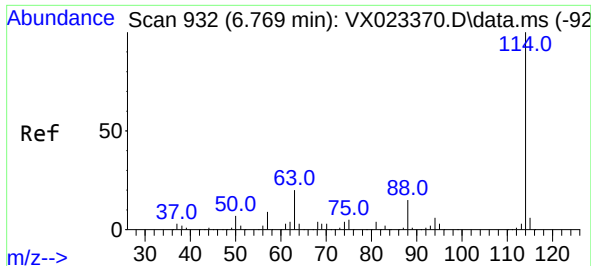


#33
1,2-Dichloroethane-d4
Concen: 54.354 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023577.D
Acq: 05 Aug 2021 17:00

Tgt Ion: 65 Resp: 105152

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	105.4

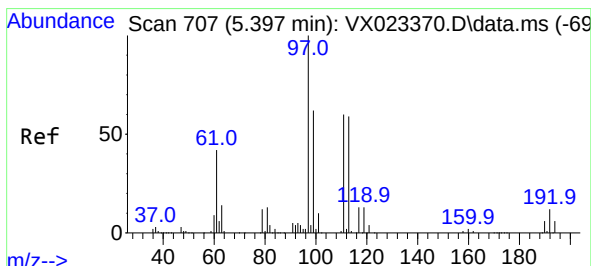
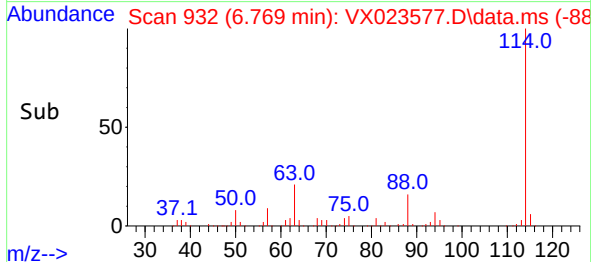
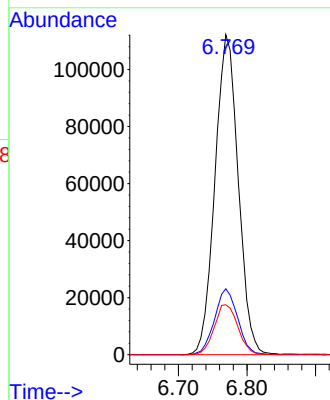
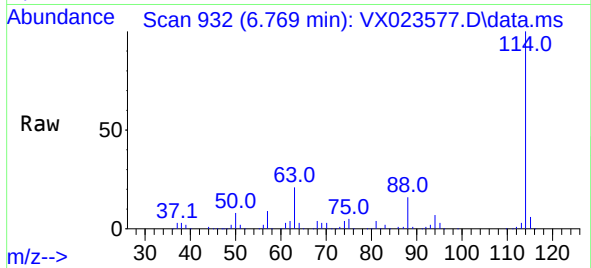




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023577.D
Acq: 05 Aug 2021 17:00

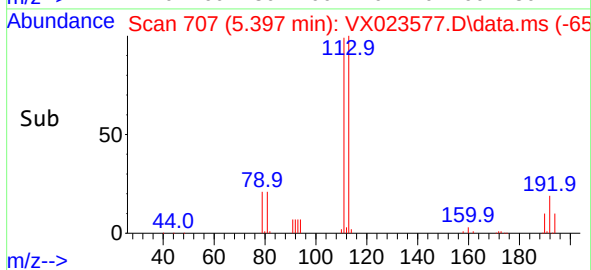
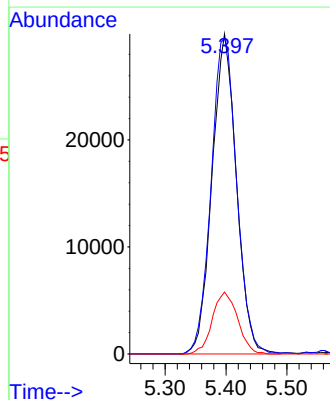
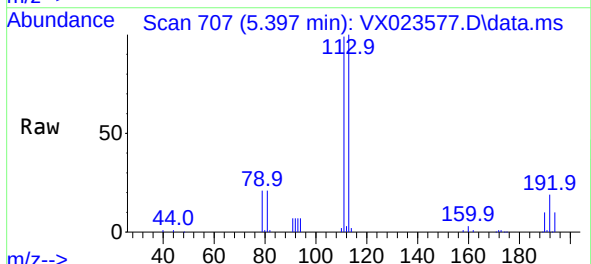
Instrument :
MSVOA_X
ClientSampleId :
ANTIFREEZE

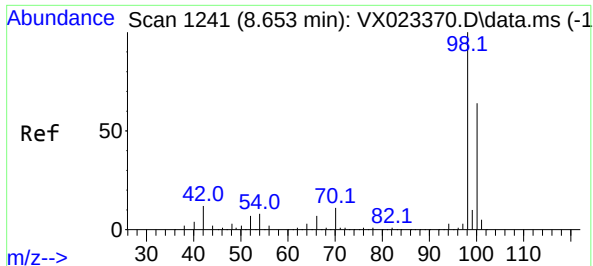
Tgt Ion:114 Resp: 264240
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.298 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023577.D
Acq: 05 Aug 2021 17:00

Tgt Ion:113 Resp: 83100
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 20.0 16.7 25.1





#50

Toluene-d8

Concen: 53.688 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023577.D

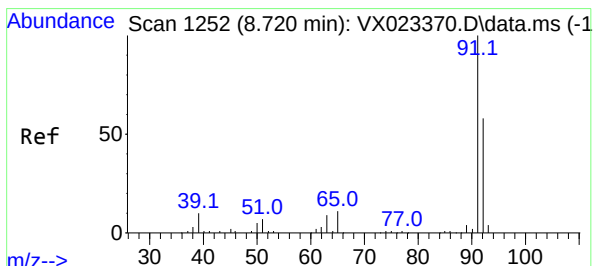
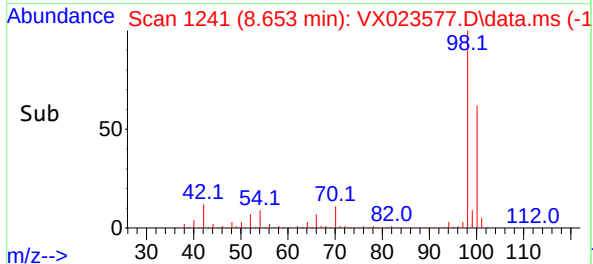
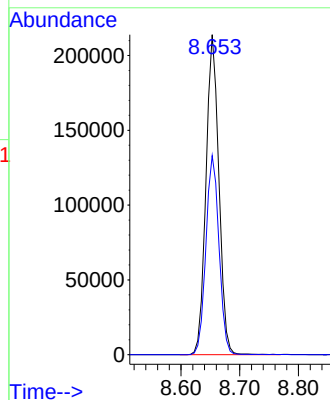
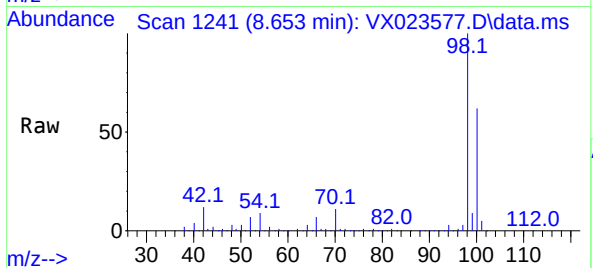
Acq: 05 Aug 2021 17:00

Tgt Ion: 98 Resp: 325890

Ion Ratio Lower Upper

98 100

100 63.2 51.9 77.9



#52

Toluene

Concen: 0.338 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX023577.D

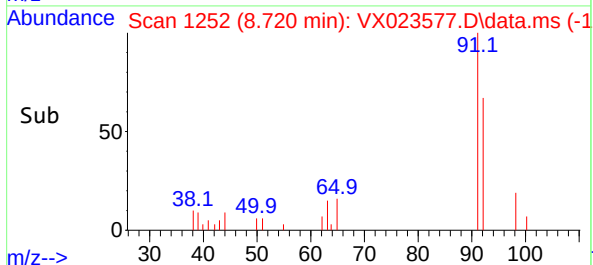
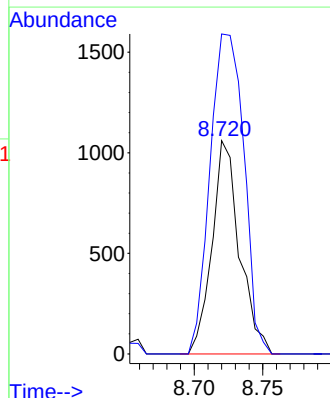
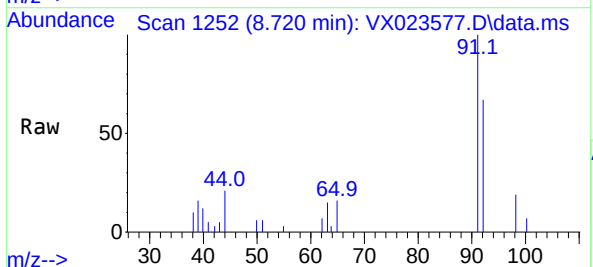
Acq: 05 Aug 2021 17:00

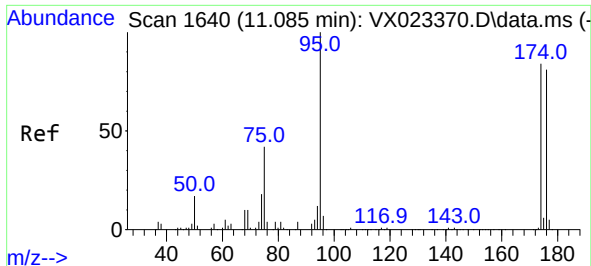
Tgt Ion: 92 Resp: 1484

Ion Ratio Lower Upper

92 100

91 184.5 137.1 205.7

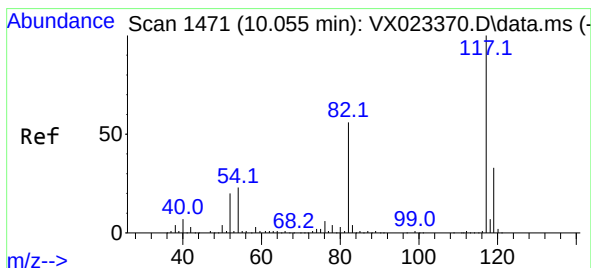
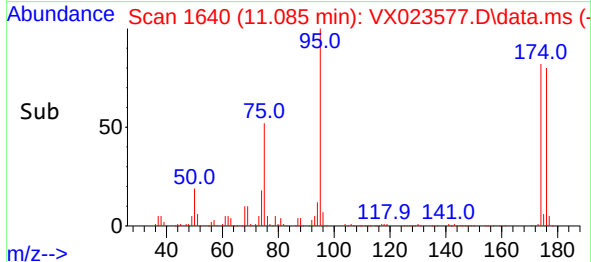
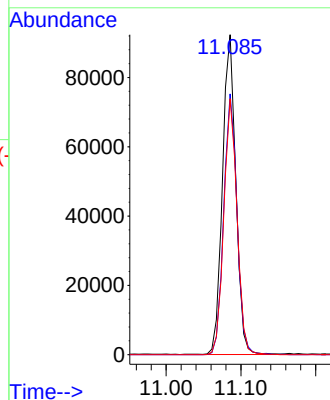
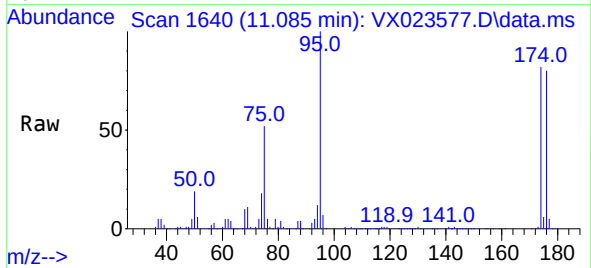




#62
4-Bromofluorobenzene
Concen: 55.449 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023577.D
Acq: 05 Aug 2021 17:00

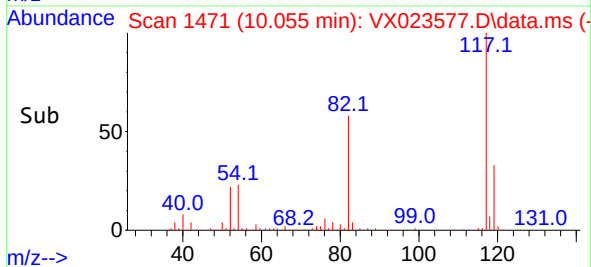
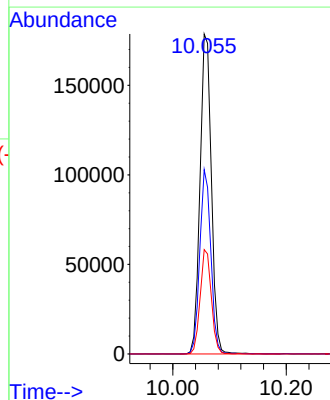
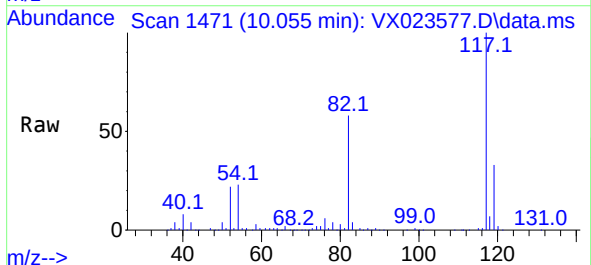
Instrument :
MSVOA_X
ClientSampleId :
ANTIFREEZE

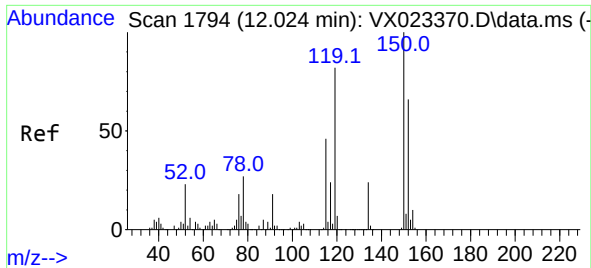
Tgt Ion: 95 Resp: 114449
Ion Ratio Lower Upper
95 100
174 81.0 0.0 154.6
176 79.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023577.D
Acq: 05 Aug 2021 17:00

Tgt Ion: 117 Resp: 248244
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.6 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: VX023577.D
 Acq: 05 Aug 2021 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 ANTIFREEZE

Tgt Ion:152 Resp: 106690
 Ion Ratio Lower Upper
 152 100
 115 59.4 41.1 123.3
 150 158.1 0.0 349.0

