

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023771.D
 Acq On : 17 Aug 2021 18:27
 Operator : JC/MD
 Sample : M3389-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-21

Quant Time: Aug 18 06:11:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

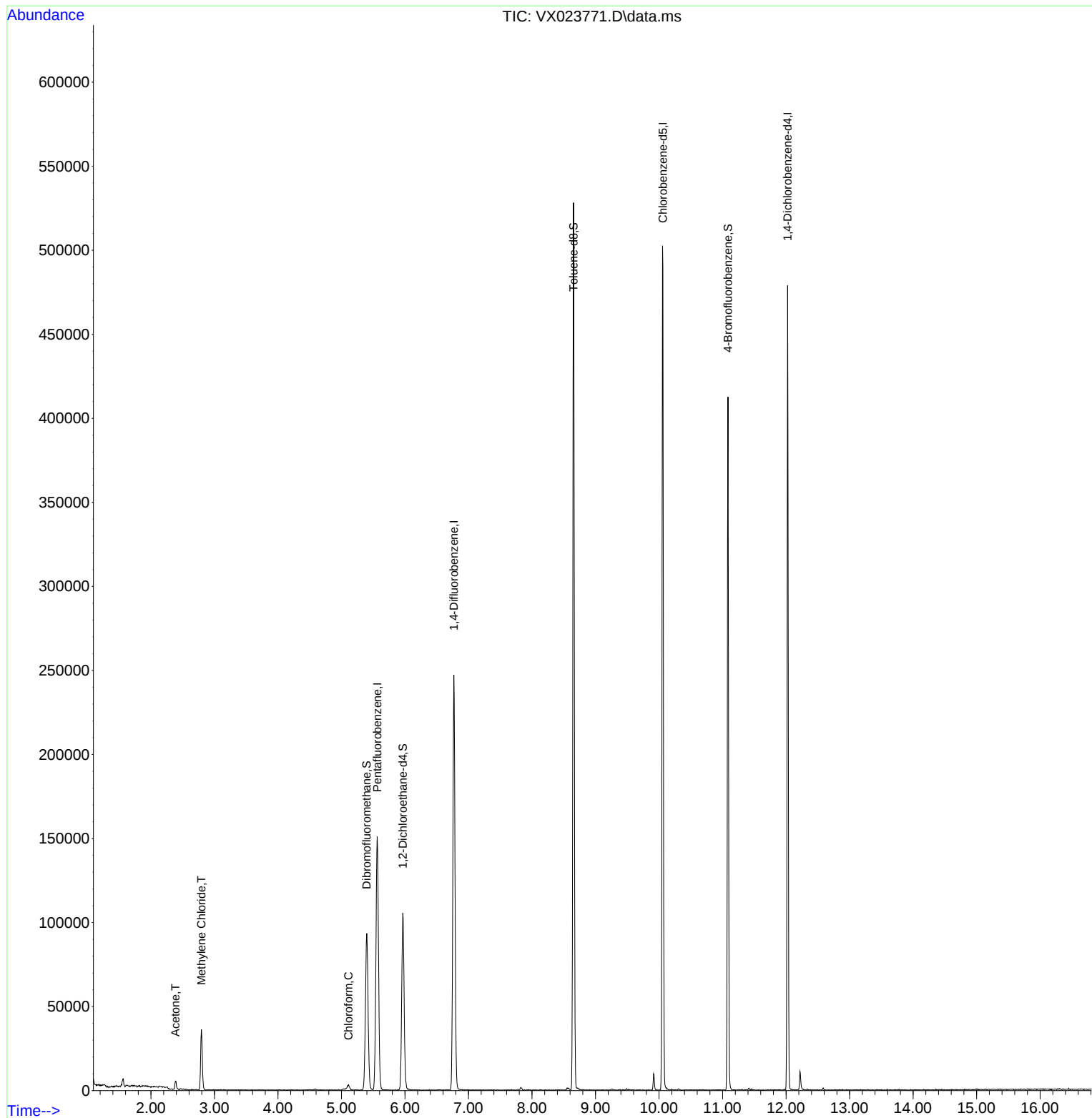
Internal Standards						
1) Pentafluorobenzene	5.562	168	141229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	243923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	225133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101446	51.466	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.940%
35) Dibromofluoromethane	5.397	113	78884	48.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.720%
50) Toluene-d8	8.653	98	298282	48.543	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.080%
62) 4-Bromofluorobenzene	11.085	95	102239	45.198	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.400%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	5750	6.524	ug/l #	83
20) Methylene Chloride	2.794	84	15401	9.148	ug/l	88
30) Chloroform	5.111	83	3464	1.182	ug/l	92

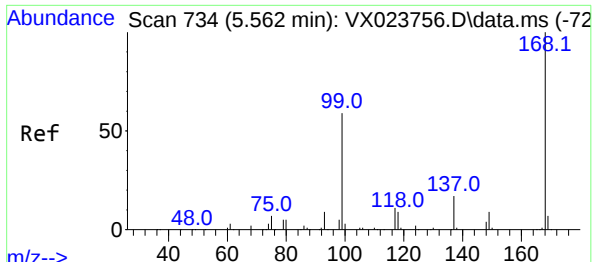
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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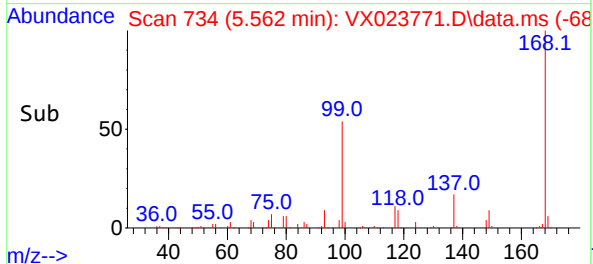
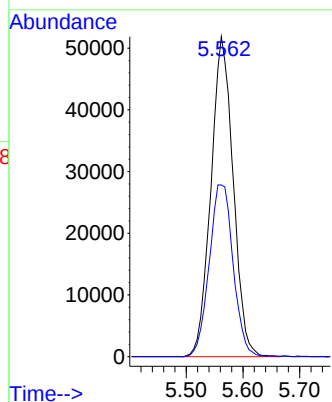
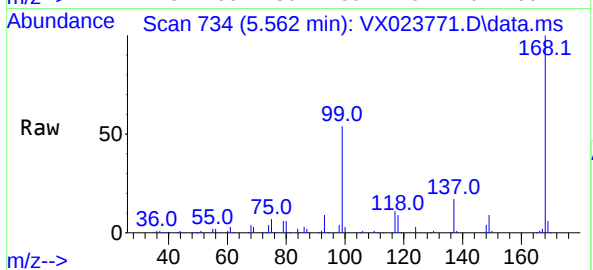




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023771.D
Acq: 17 Aug 2021 18:27

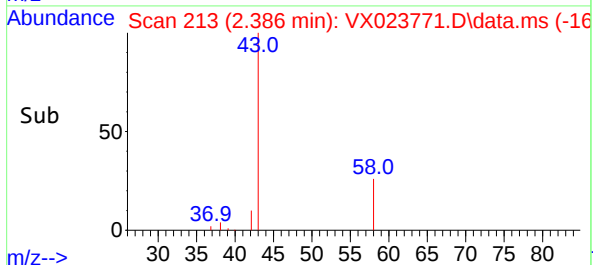
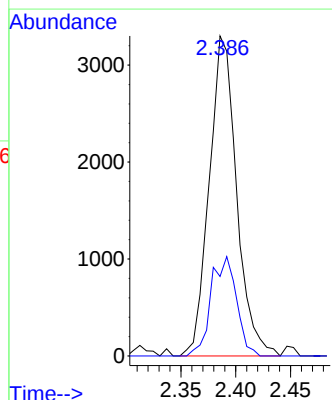
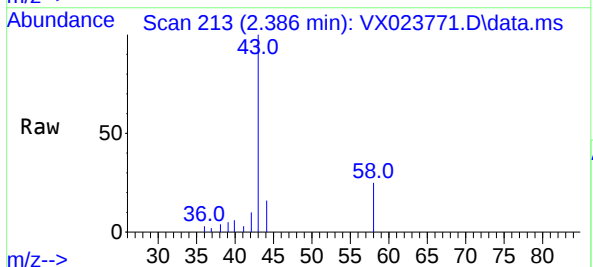
Instrument :
MSVOA_X
ClientSampleId :
CRT-21

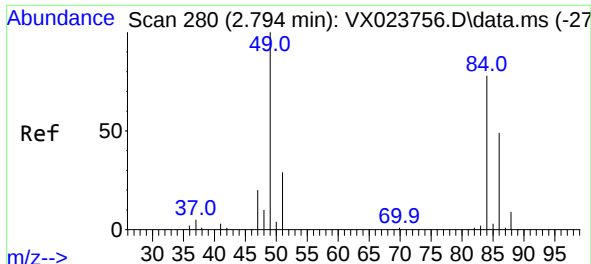
Tgt Ion:168 Resp: 141229
Ion Ratio Lower Upper
168 100
99 53.7 45.8 68.6



#16
Acetone
Concen: 6.524 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023771.D
Acq: 17 Aug 2021 18:27

Tgt Ion: 43 Resp: 5750
Ion Ratio Lower Upper
43 100
58 24.8 27.8 41.8#





#20

Methylene Chloride

Concen: 9.148 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023771.D

Acq: 17 Aug 2021 18:27

Instrument :
MSVOA_X
ClientSampleId :
CRT-21

Tgt Ion: 84 Resp: 15401

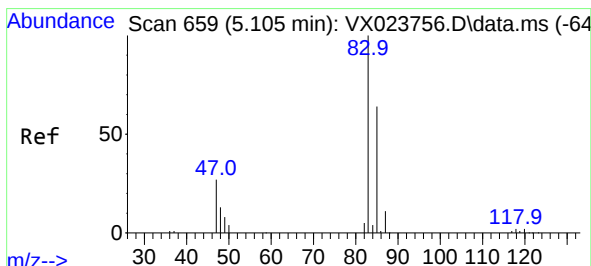
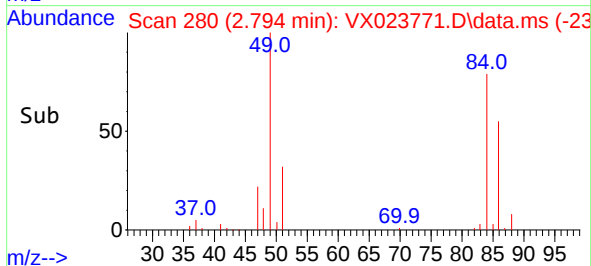
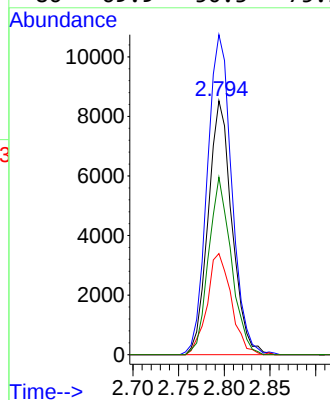
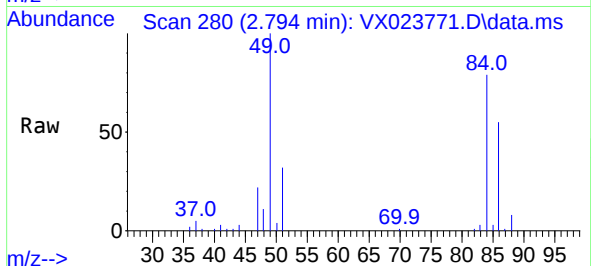
Ion Ratio Lower Upper

84 100

49 126.0 88.6 132.8

51 39.8 27.0 40.6

86 69.9 50.3 75.5



#30

Chloroform

Concen: 1.182 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX023771.D

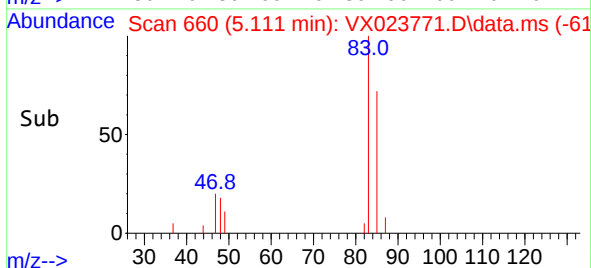
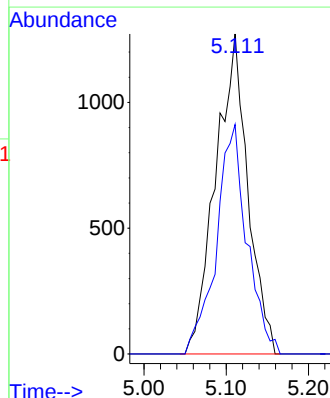
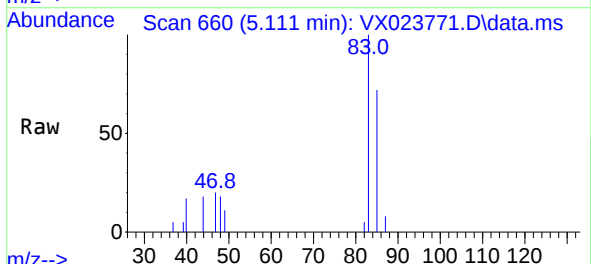
Acq: 17 Aug 2021 18:27

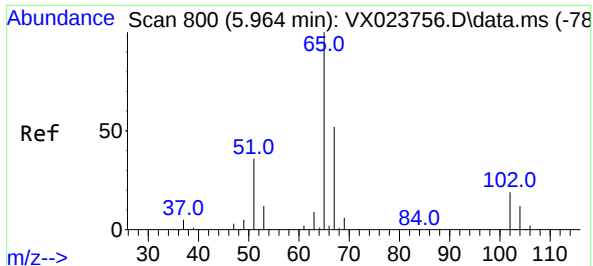
Tgt Ion: 83 Resp: 3464

Ion Ratio Lower Upper

83 100

85 71.7 52.0 78.0



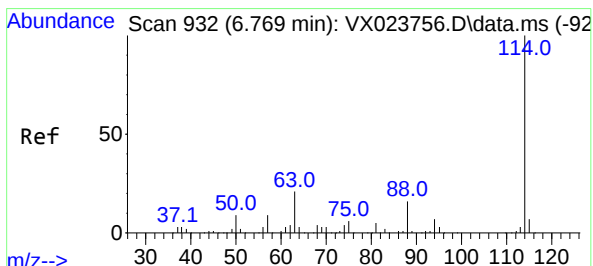
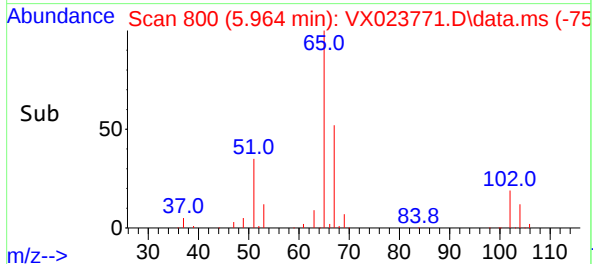
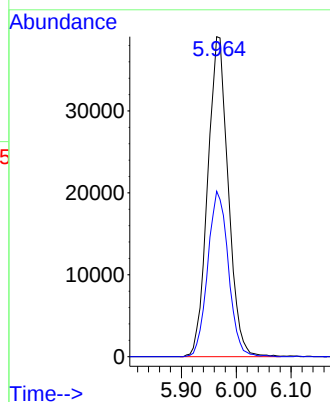
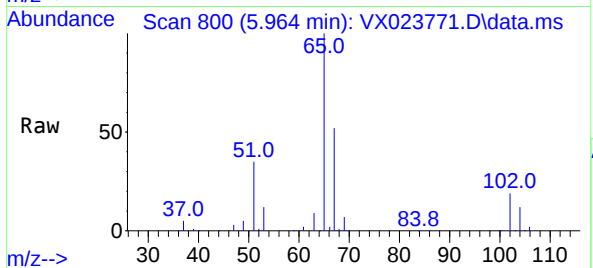


#33

1,2-Dichloroethane-d4
Concen: 51.466 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023771.D
Acq: 17 Aug 2021 18:27

Instrument :
MSVOA_X
ClientSampled :
CRT-21

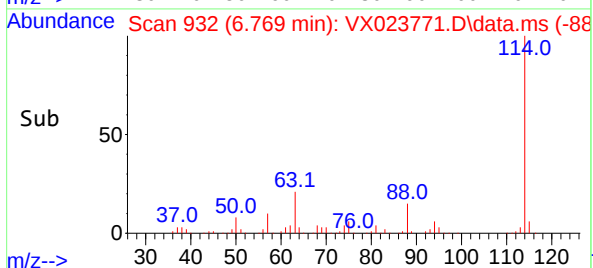
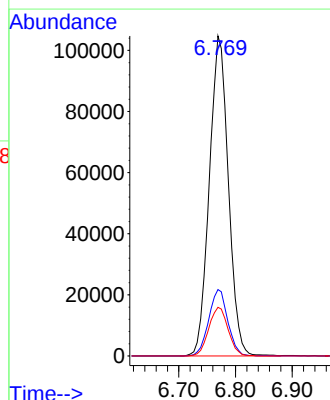
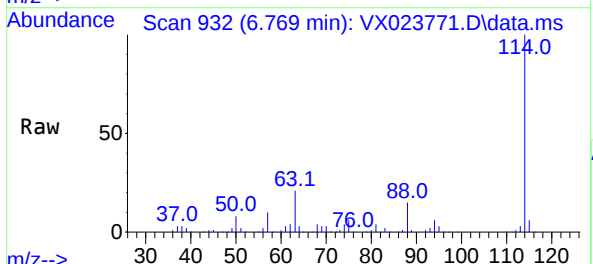
Tgt Ion: 65 Resp: 101446
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

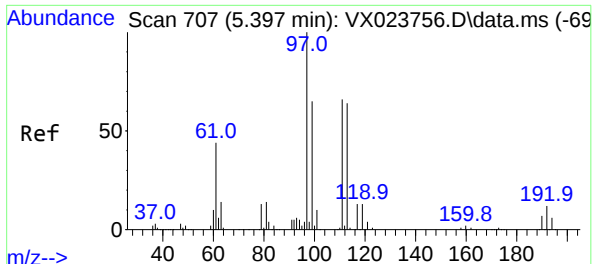


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023771.D
Acq: 17 Aug 2021 18:27

Tgt Ion: 114 Resp: 243923
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.2 0.0 32.8

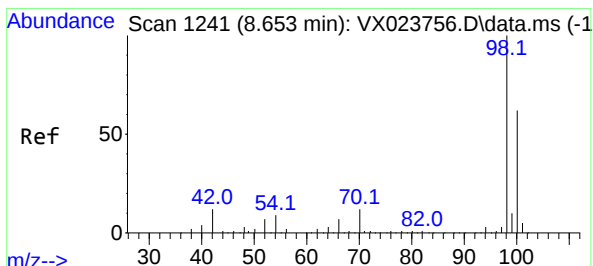
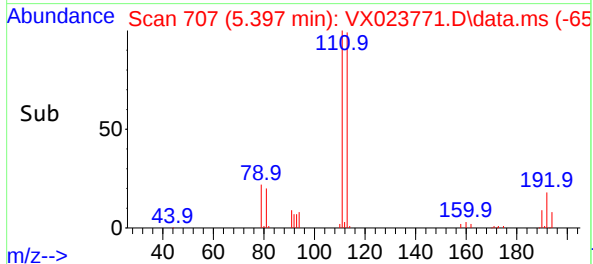
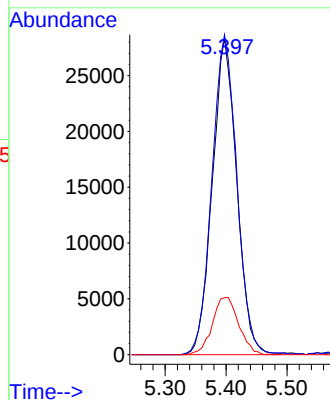
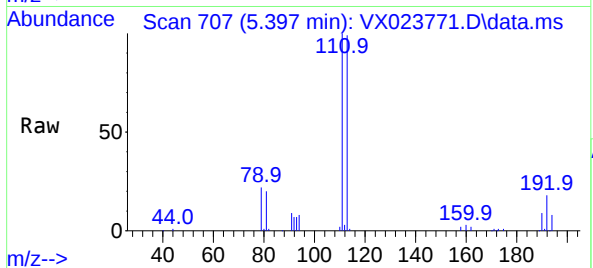




#35
Dibromofluoromethane
Concen: 48.861 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023771.D
Acq: 17 Aug 2021 18:27

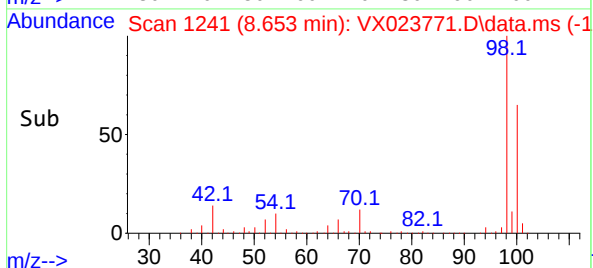
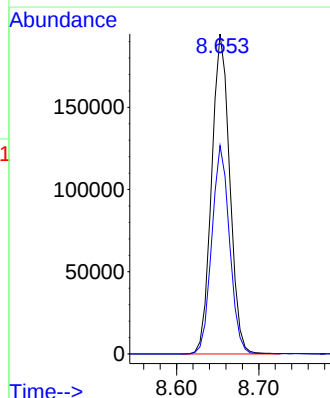
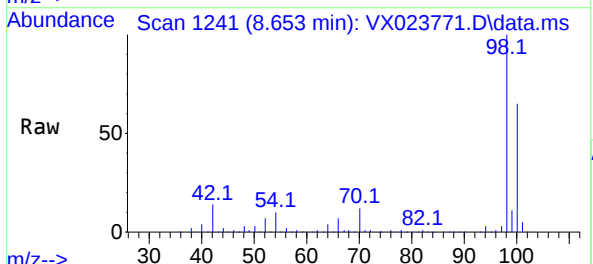
Instrument :
MSVOA_X
ClientSampled :
CRT-21

Tgt Ion:113 Resp: 78884
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.5 16.7 25.1



#50
Toluene-d8
Concen: 48.543 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023771.D
Acq: 17 Aug 2021 18:27

Tgt Ion: 98 Resp: 298282
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

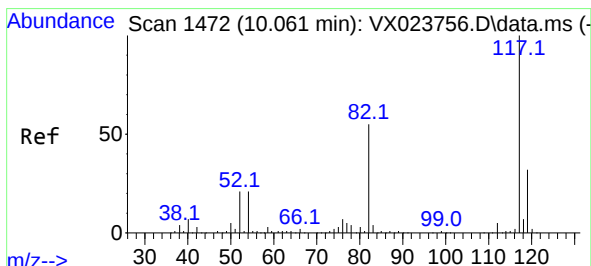
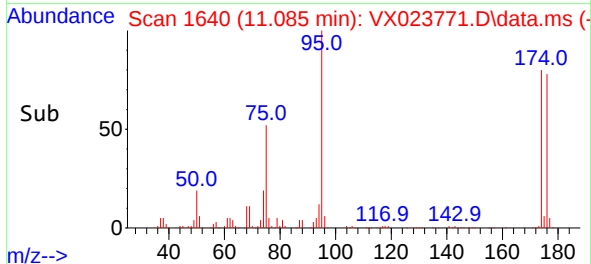
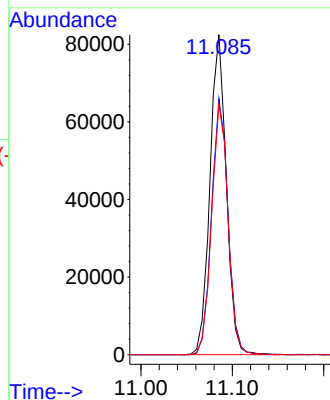
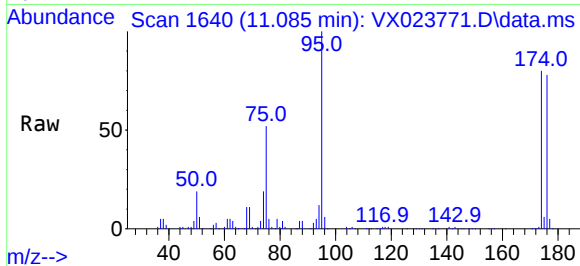




#62
4-Bromofluorobenzene
Concen: 45.198 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023771.D
Acq: 17 Aug 2021 18:27

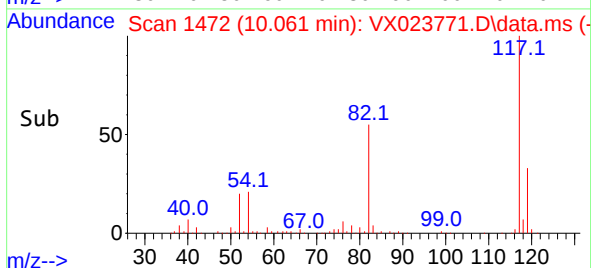
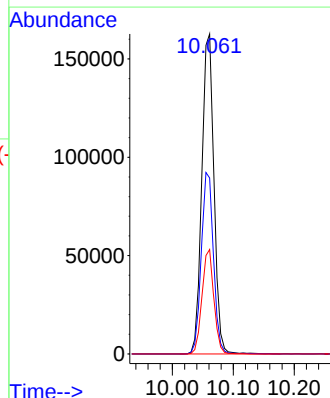
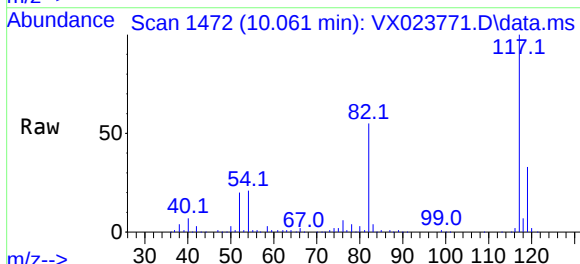
Instrument :
MSVOA_X
ClientSampleId :
CRT-21

Tgt Ion: 95 Resp: 102239
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 78.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023771.D
Acq: 17 Aug 2021 18:27

Tgt Ion: 117 Resp: 225133
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.7 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: VX023771.D
Acq: 17 Aug 2021 18:27

Instrument :
MSVOA_X
ClientSampleId :
CRT-21

Tgt Ion:152 Resp: 92678
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 157.7 0.0 349.0

