

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019977.D
 Acq On : 14 Dec 2020 11:26
 Operator : JC/MD
 Sample : VX1214WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBL01

Quant Time: Dec 15 00:34:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	311807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	515557	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	482115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208993	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	195895	47.80	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.60%
35) Dibromofluoromethane	5.46	113	159506	47.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.74%
50) Toluene-d8	8.70	98	623707	49.03	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.06%
62) 4-Bromofluorobenzene	11.12	95	220258	45.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.98%

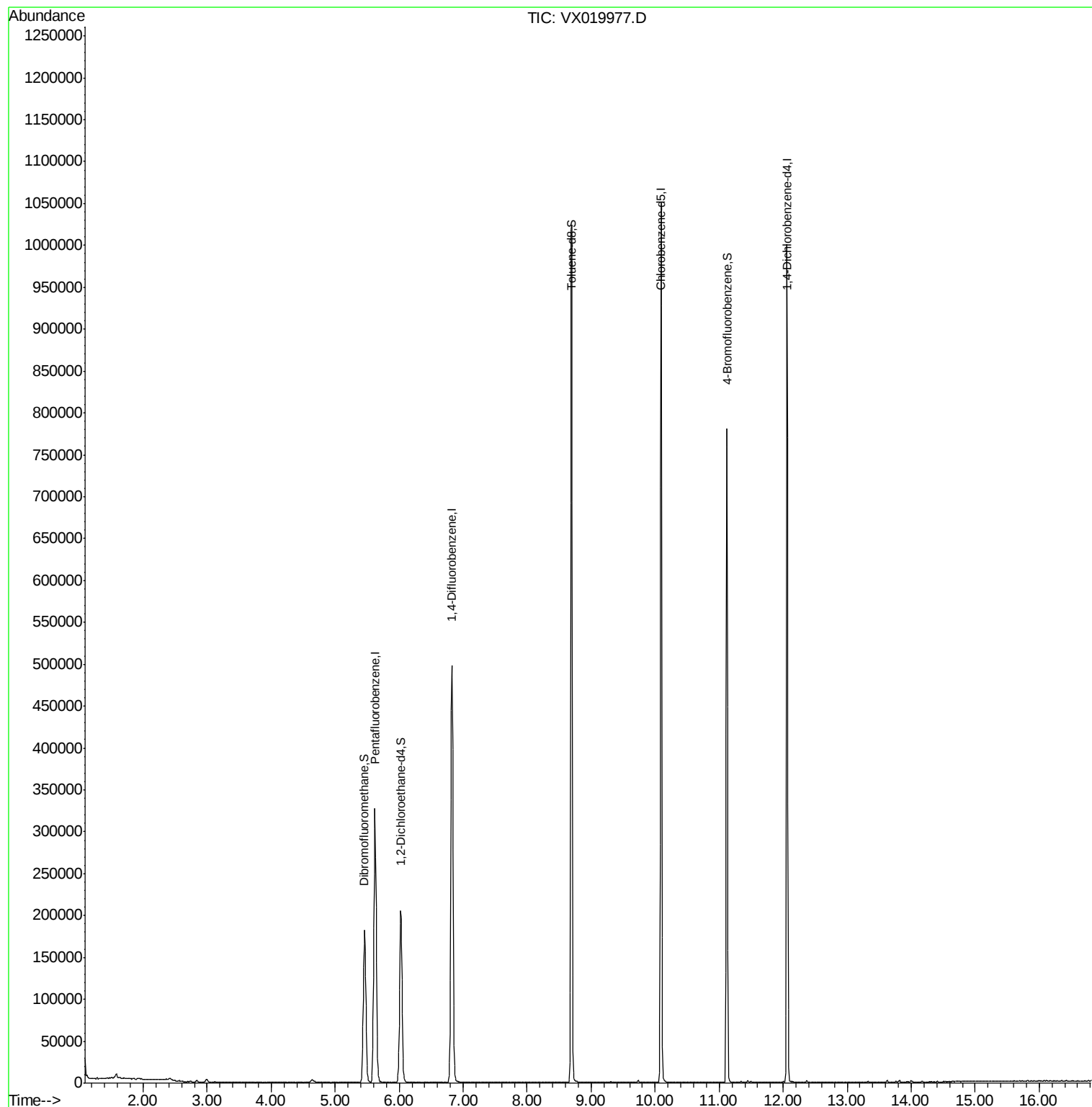
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019977.D

Acq: 14 Dec 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

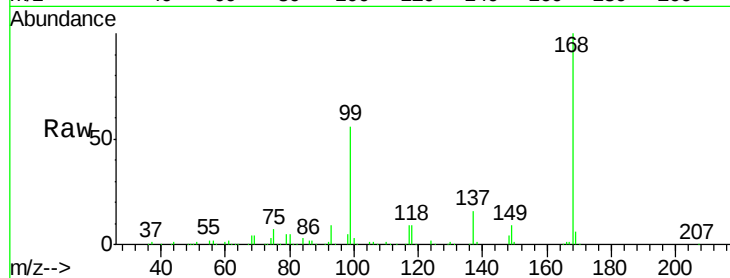
VX1214WBL01

Tot Ion:168 Resp: 311807

Ion Ratio Lower Upper

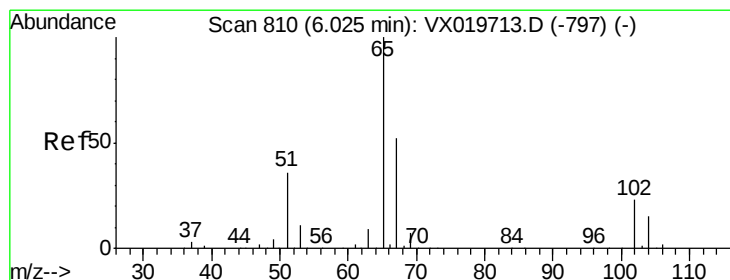
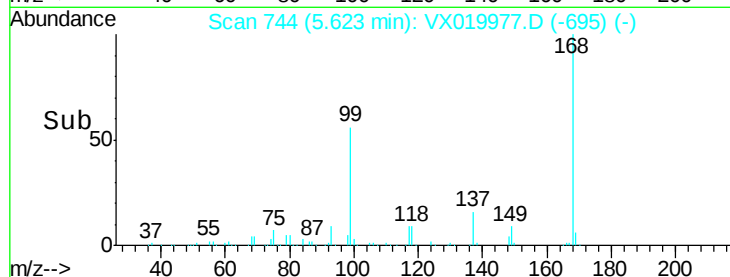
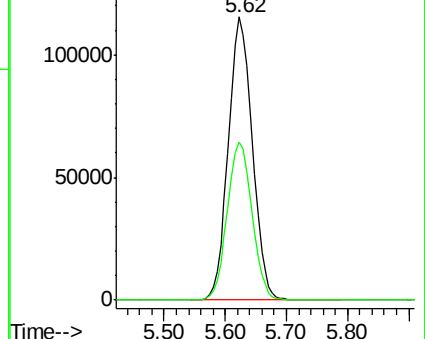
168 100

99 55.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.802 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019977.D

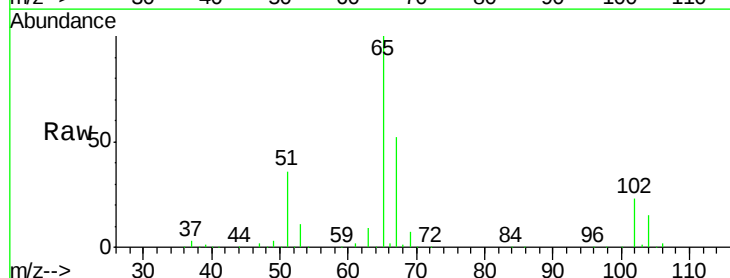
Acq: 14 Dec 2020 11:26

Tgt Ion: 65 Resp: 195895

Ion Ratio Lower Upper

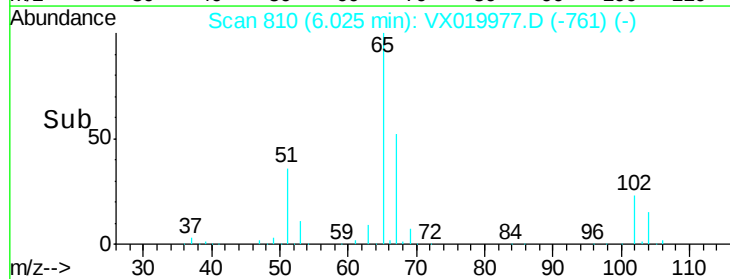
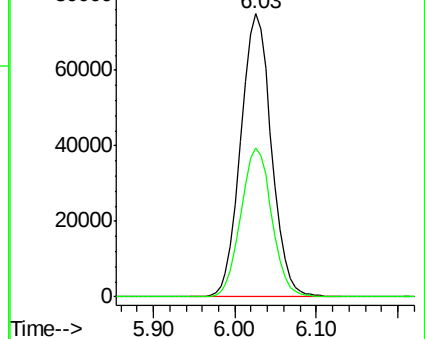
65 100

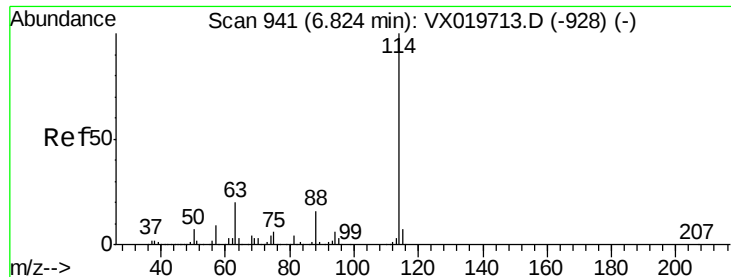
67 53.2 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: VX019977.D

Acq: 14 Dec 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBL01

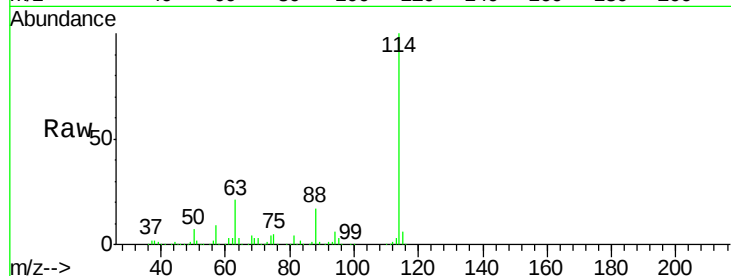
Tot Ion:114 Resp: 515557

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

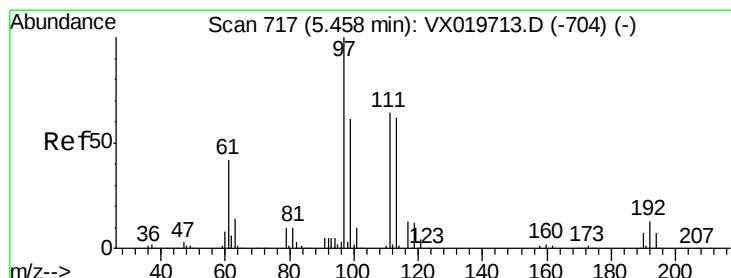
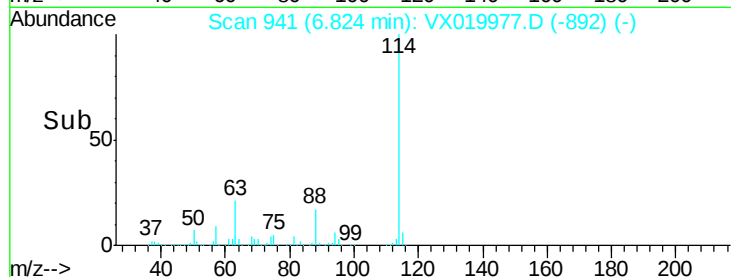
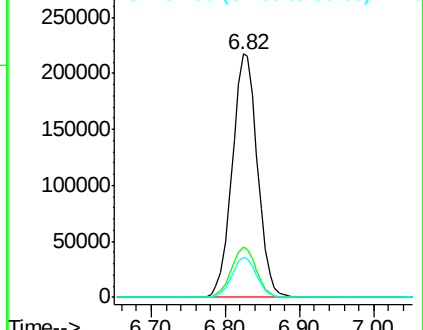
88 16.5 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.871 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019977.D

Acq: 14 Dec 2020 11:26

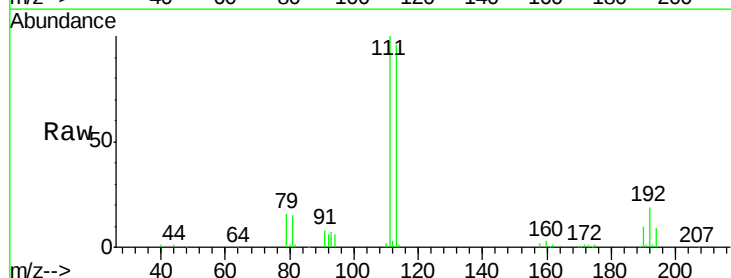
Tgt Ion:113 Resp: 159506

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

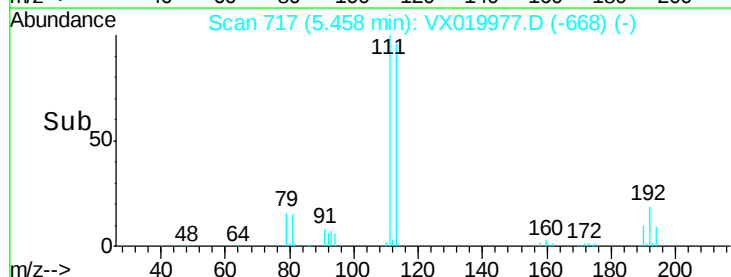
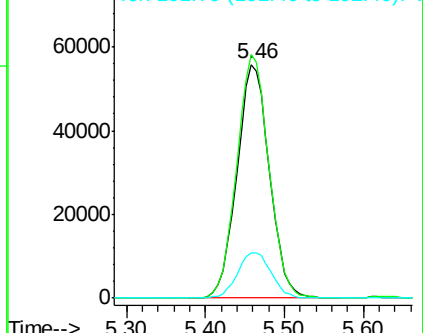
192 20.3 16.7 25.1

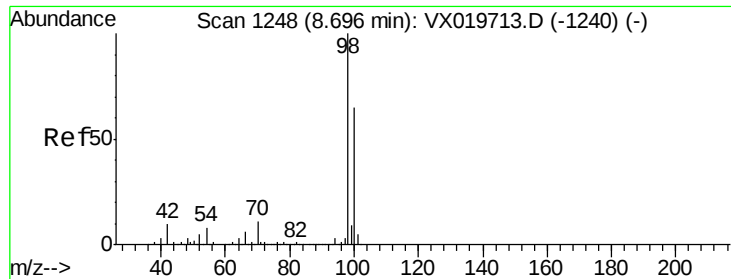


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

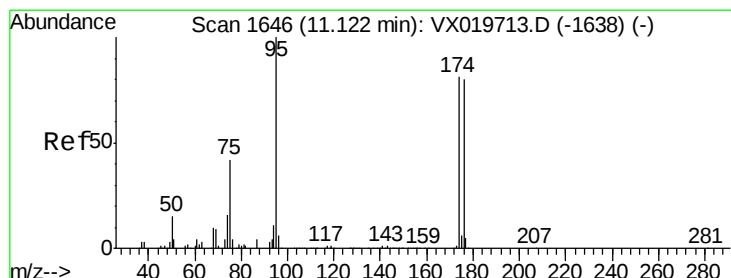
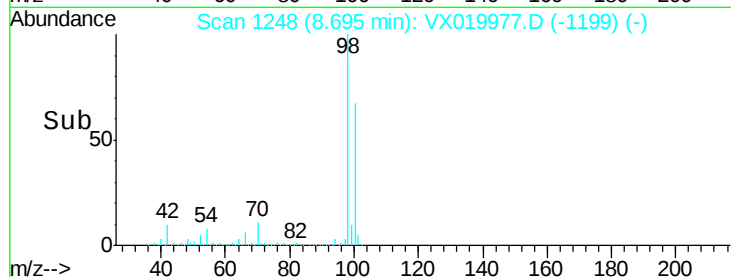
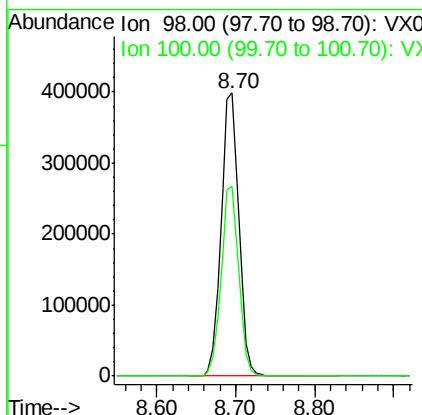
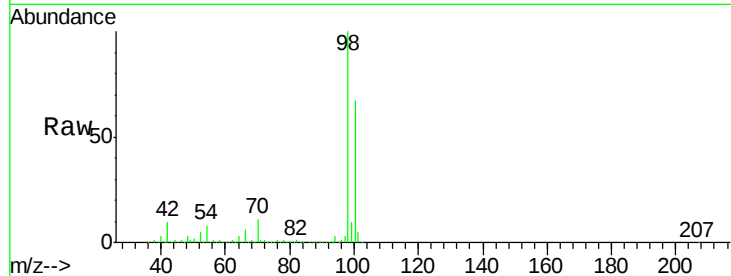




#50
Toluene-d8
Concen: 49.031 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019977.D
Acq: 14 Dec 2020 11:26

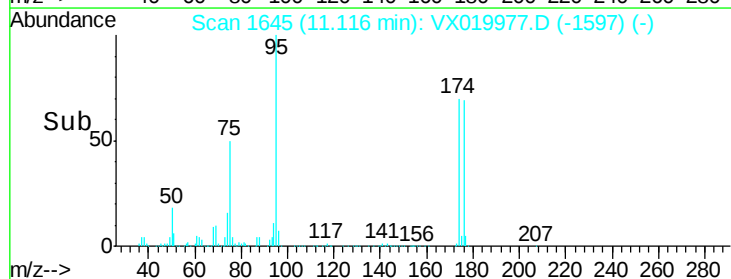
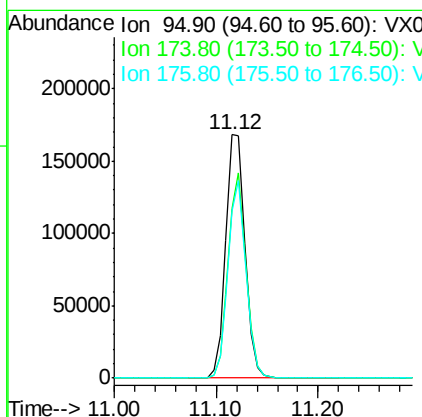
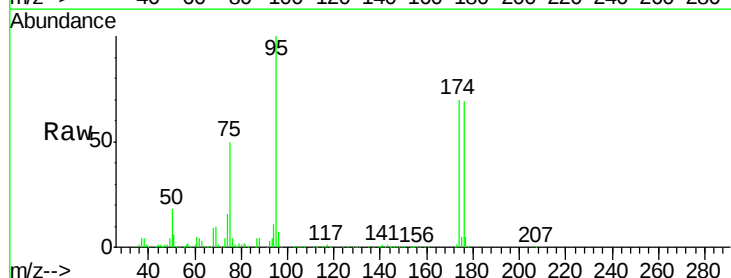
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

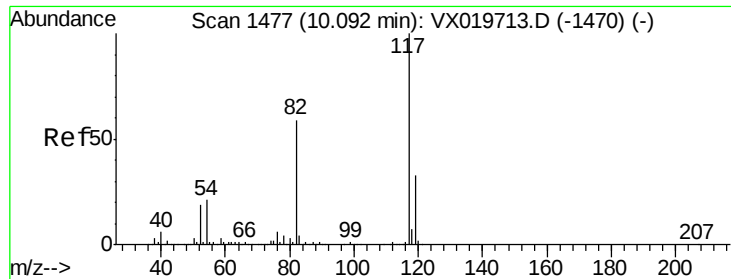
Tot Ion: 98 Resp: 623707
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.493 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.01 min
Lab File: VX019977.D
Acq: 14 Dec 2020 11:26

Tgt Ion: 95 Resp: 220258
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 75.3 0.0 155.8

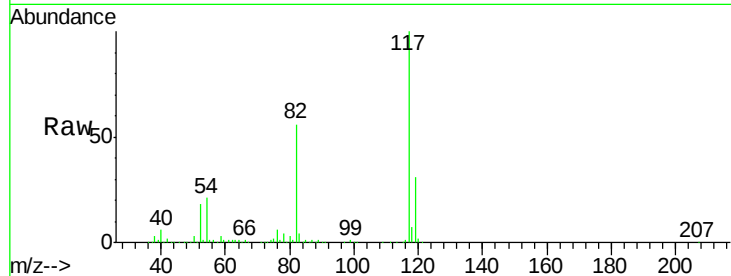




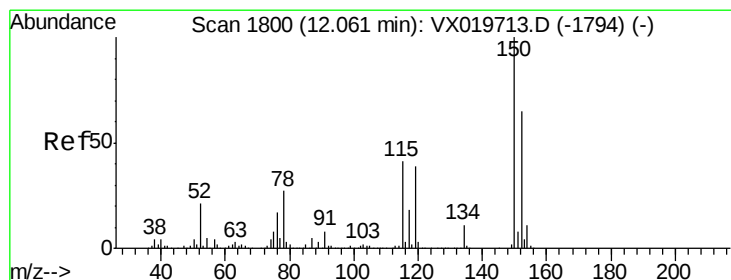
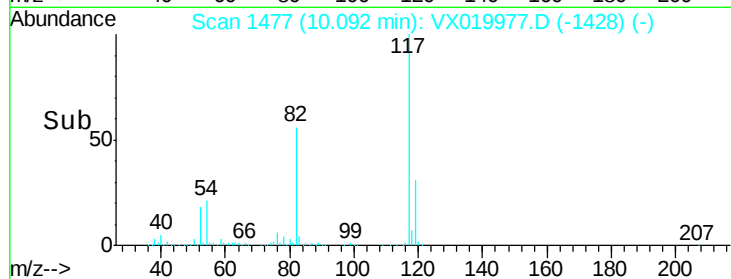
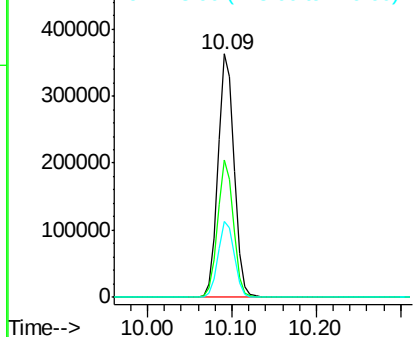
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019977.D
Acq: 14 Dec 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

Tot Ion:117 Resp: 482115
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.1 26.6 39.8

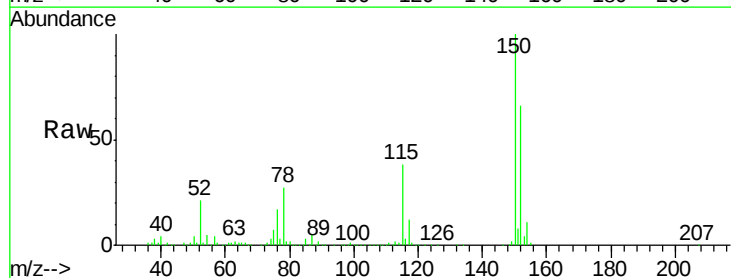


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019977.D
Acq: 14 Dec 2020 11:26

Tgt Ion:152 Resp: 208993
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 157.3 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

