

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019796.D
 Acq On : 09 Dec 2020 23:32
 Operator : JC/MD
 Sample : VX1209WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBL02

Quant Time: Dec 10 06:50:15 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	5.63	168	336721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	548498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	496915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220465	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	207514	46.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.78%		
35) Dibromofluoromethane	5.46	113	167005	47.11	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.22%		
50) Toluene-d8	8.70	98	666755	49.27	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.54%		
62) 4-Bromofluorobenzene	11.12	95	232554	45.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.30%		

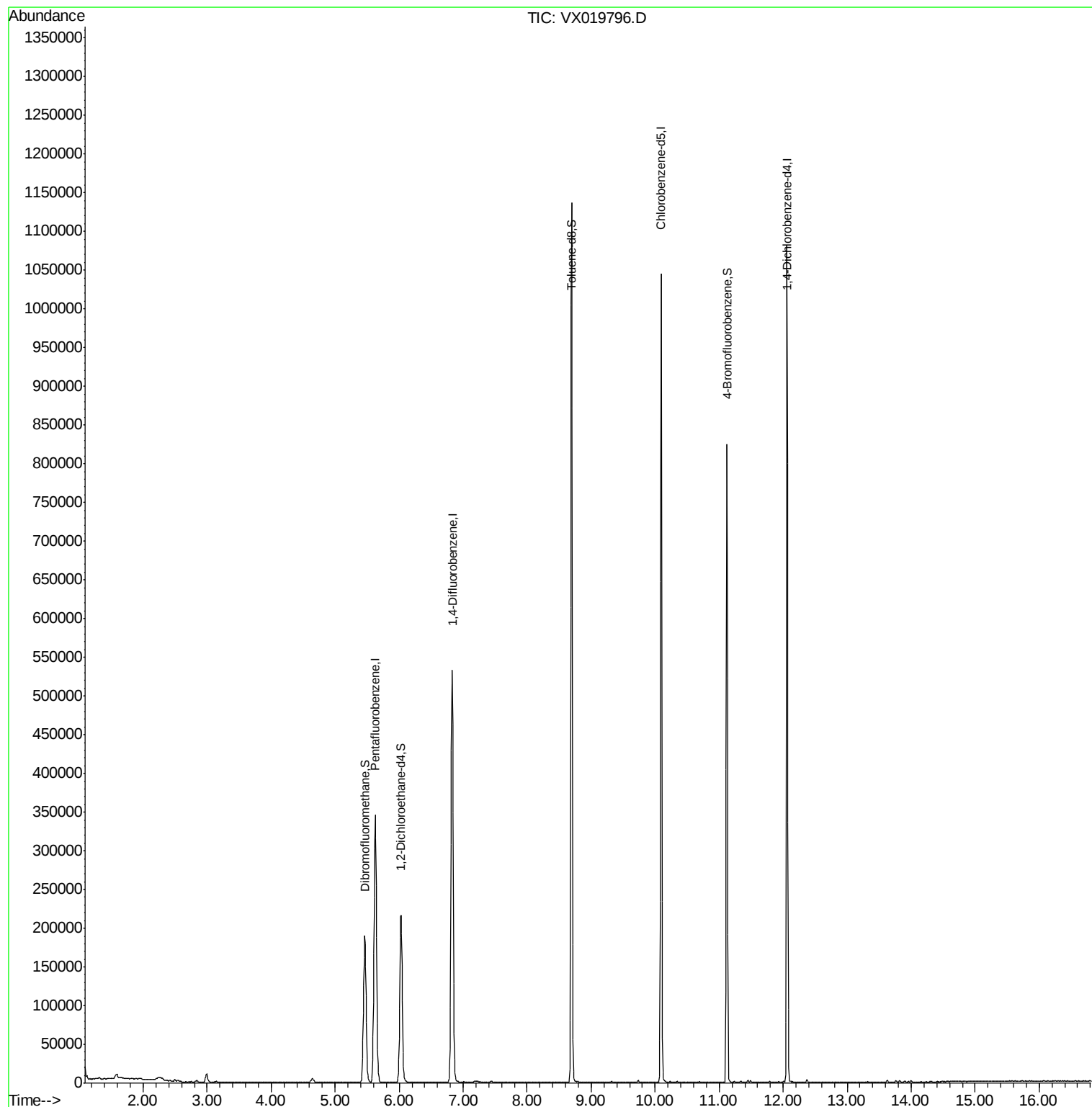
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
VX1209WBL02

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019796.D

Acq: 09 Dec 2020 23:32

Instrument :

MSVOA_X

ClientSampleId :

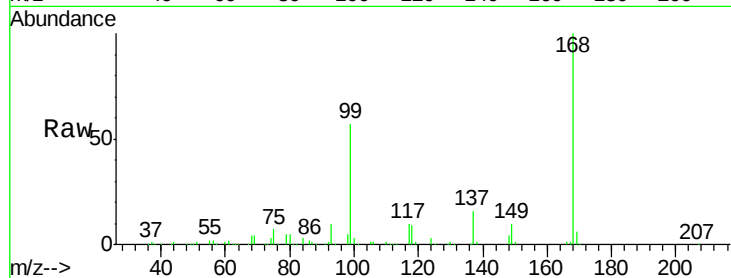
VX1209WBL02

Tot Ion:168 Resp: 336721

Ion Ratio Lower Upper

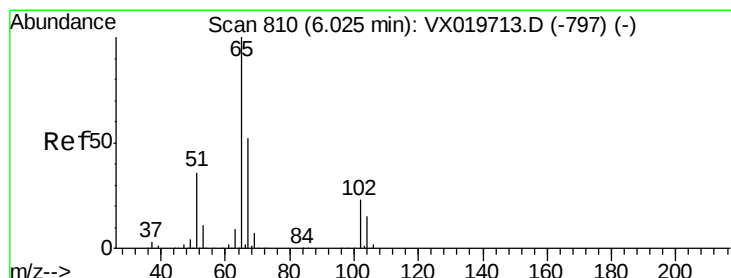
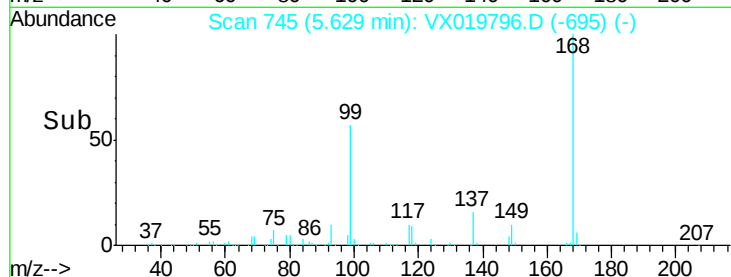
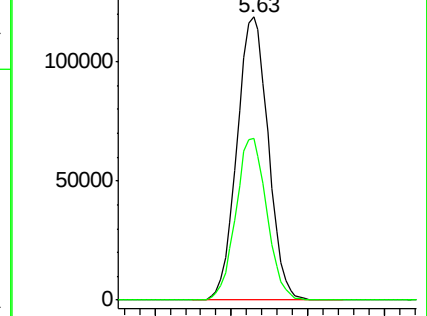
168 100

99 57.2 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: 46.890 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019796.D

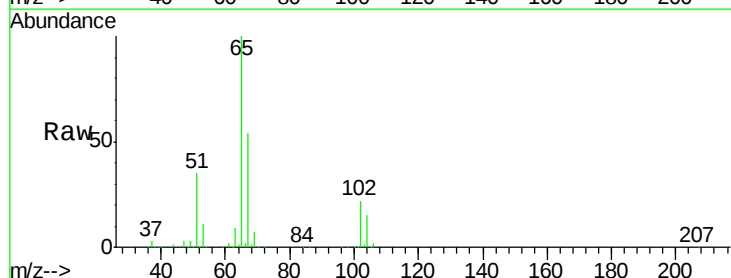
Acq: 09 Dec 2020 23:32

Tgt Ion: 65 Resp: 207514

Ion Ratio Lower Upper

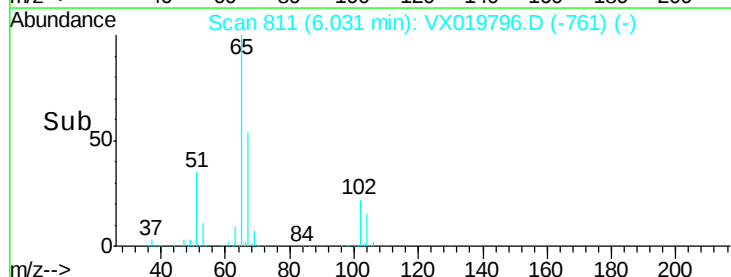
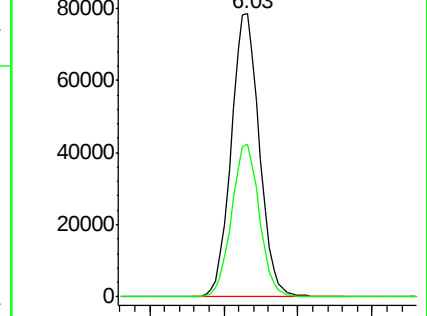
65 100

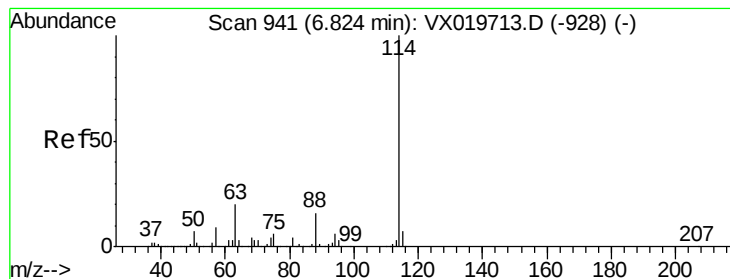
67 53.3 0.0 105.4



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: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019796.D

Acq: 09 Dec 2020 23:32

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBL02

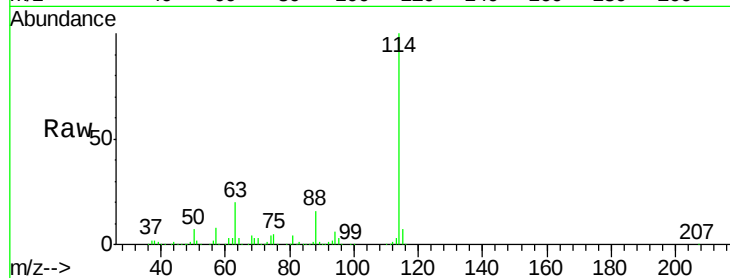
Tot Ion:114 Resp: 548498

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

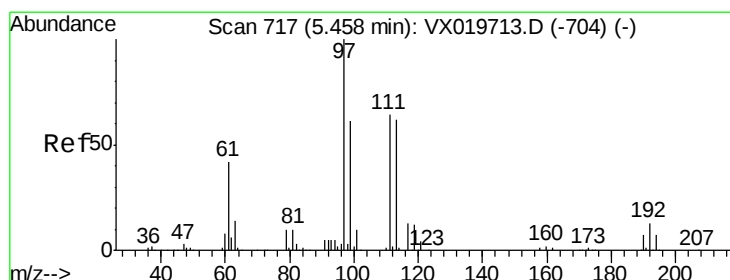
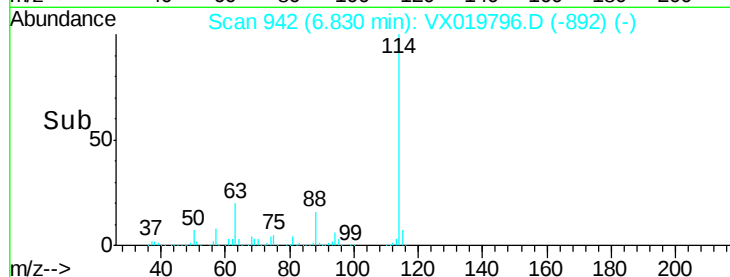
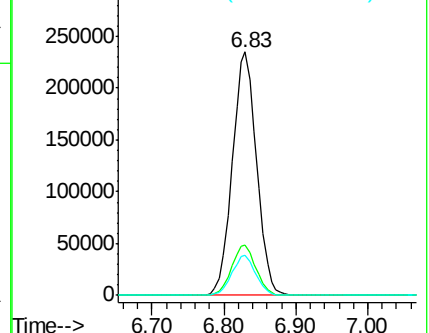
88 16.4 0.0 32.8



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: 47.112 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019796.D

Acq: 09 Dec 2020 23:32

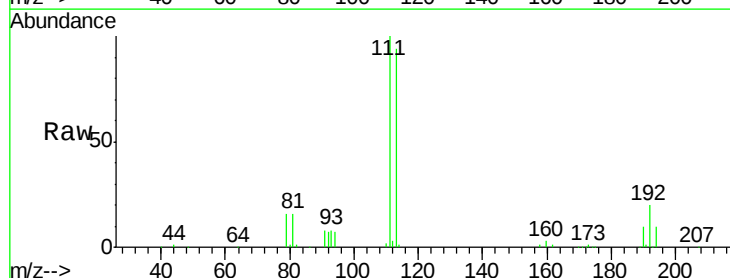
Tgt Ion:113 Resp: 167005

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

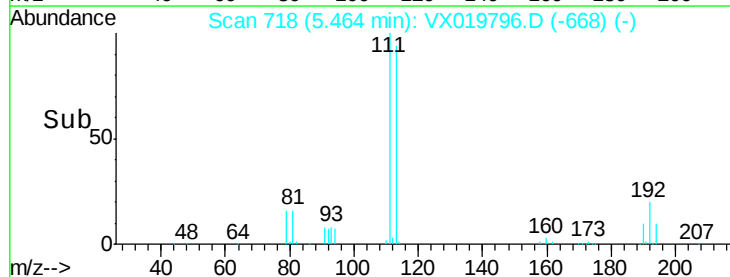
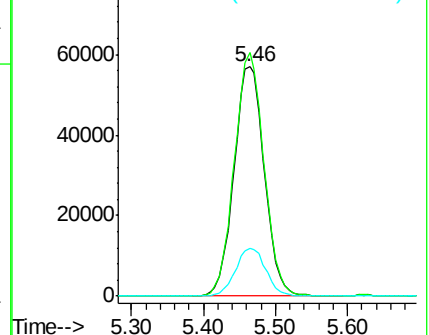
192 20.8 16.7 25.1

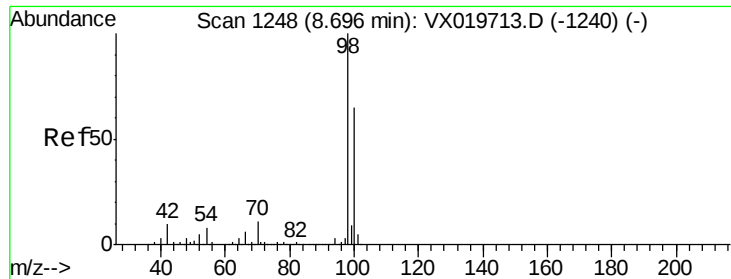


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

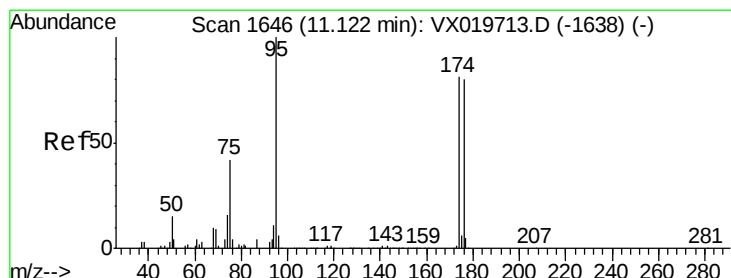
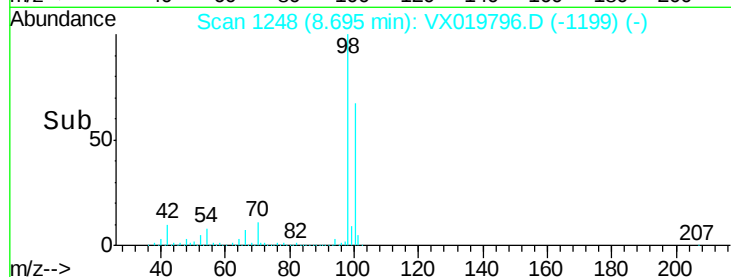
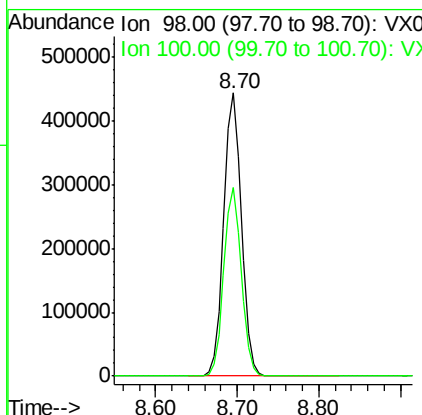
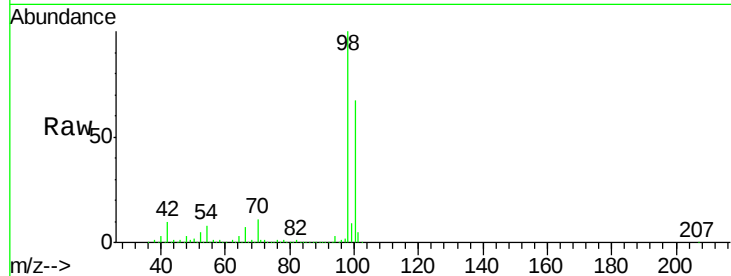




#50
Toluene-d8
Concen: 49.268 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019796.D
Acq: 09 Dec 2020 23:32

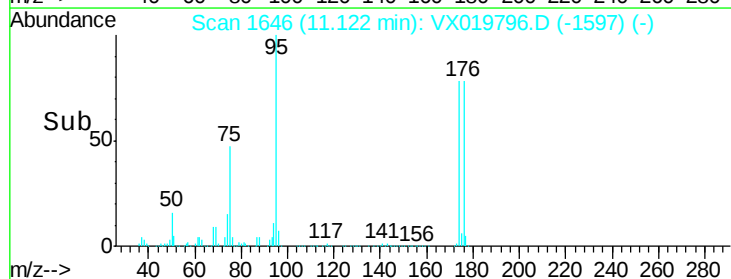
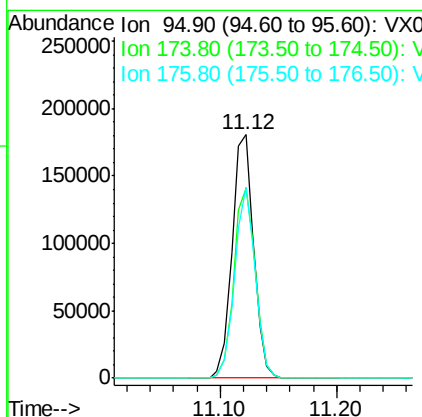
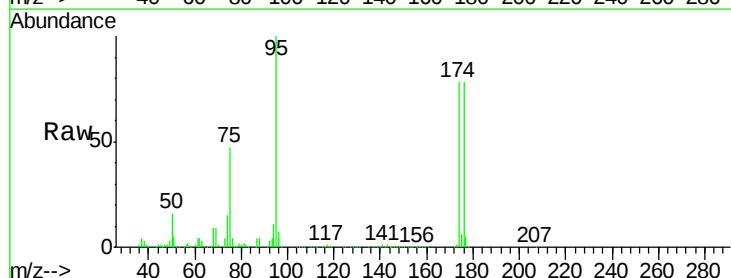
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL02

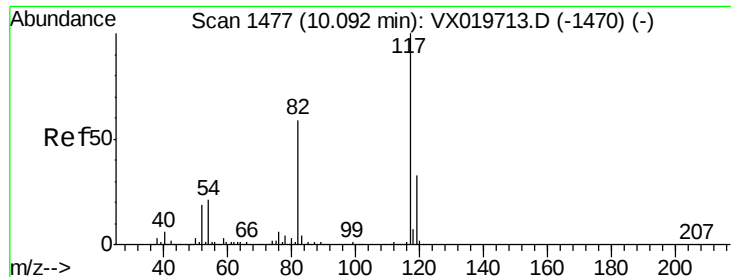
Tot Ion: 98 Resp: 666755
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.148 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019796.D
Acq: 09 Dec 2020 23:32

Tgt Ion: 95 Resp: 232554
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 74.9 0.0 155.8

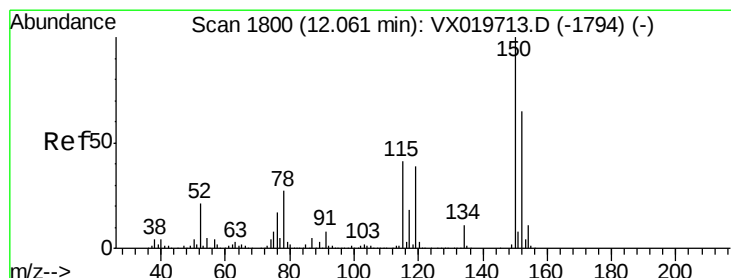
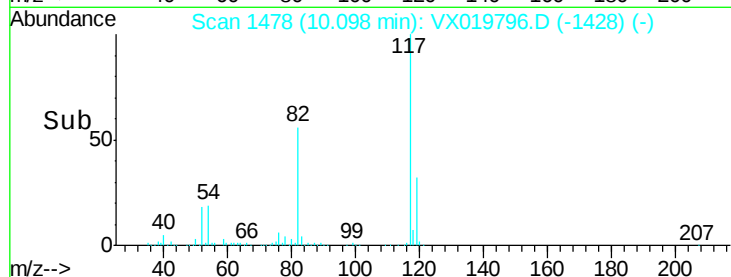
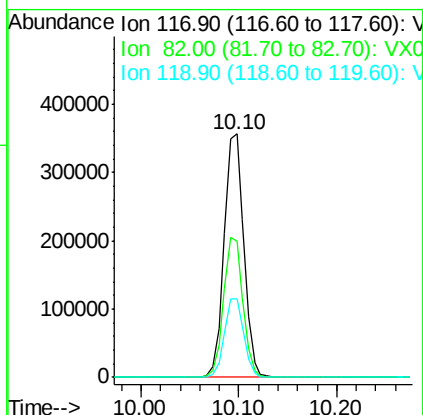
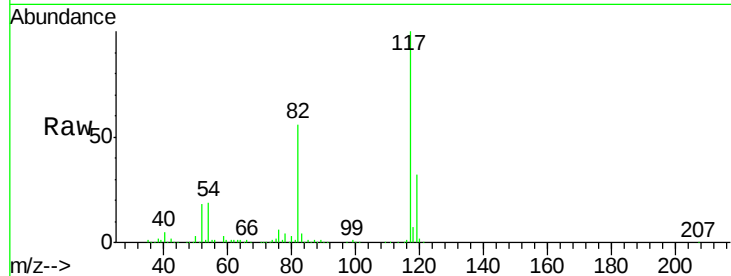




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019796.D
Acq: 09 Dec 2020 23:32

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBL02

Tot Ion:117 Resp: 496915
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019796.D
Acq: 09 Dec 2020 23:32

Tgt Ion:152 Resp: 220465
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 154.7 0.0 349.0

