

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011903.D
 Acq On : 30 Aug 2019 11:22
 Operator : SY/SP
 Sample : VX0830SBL02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBL02

Quant Time: Aug 31 02:11:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	347006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	482715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	448226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	259415	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	174516	52.49	ug/l	0.00
Spiked Amount						
			Recovery	=	104.98%	
35) Dibromofluoromethane	5.49	113	158929	51.34	ug/l	0.00
Spiked Amount						
			Recovery	=	102.68%	
50) Toluene-d8	8.71	98	594905	53.76	ug/l	0.00
Spiked Amount						
			Recovery	=	107.52%	
62) 4-Bromofluorobenzene	11.14	95	244249	50.32	ug/l	0.00
Spiked Amount						
			Recovery	=	100.64%	

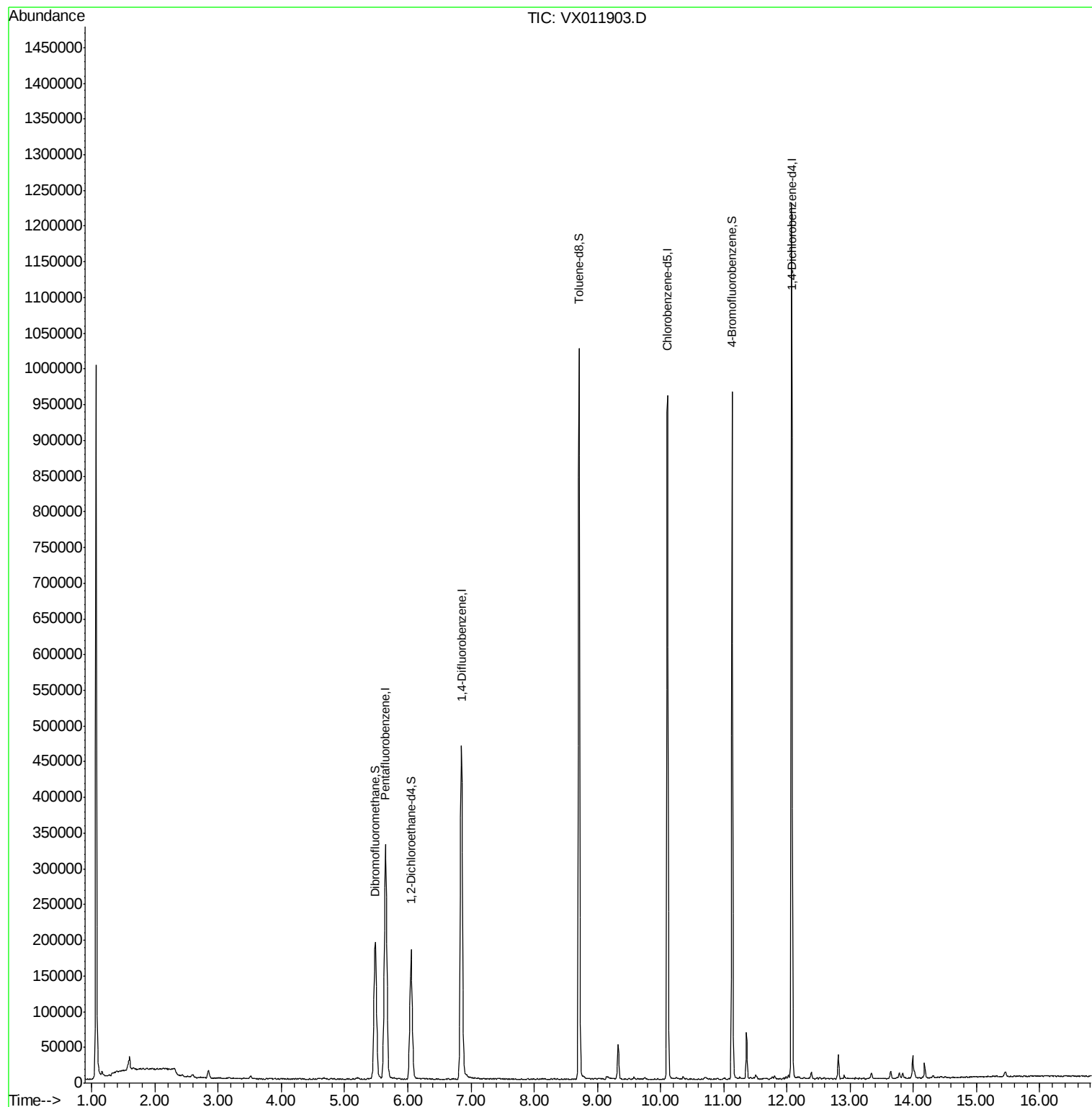
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011903.D

Acq: 30 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

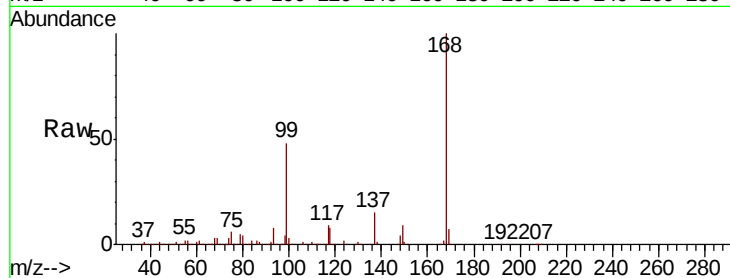
VX0830SBL02

Tot Ion:168 Resp: 347006

Ion Ratio Lower Upper

168 100

99 48.2 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

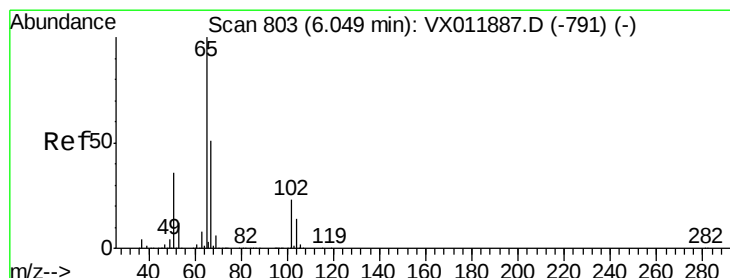
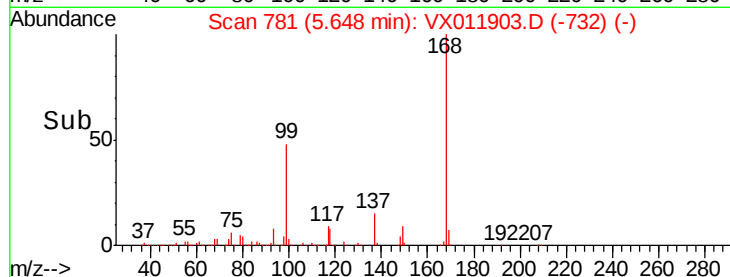
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.491 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011903.D

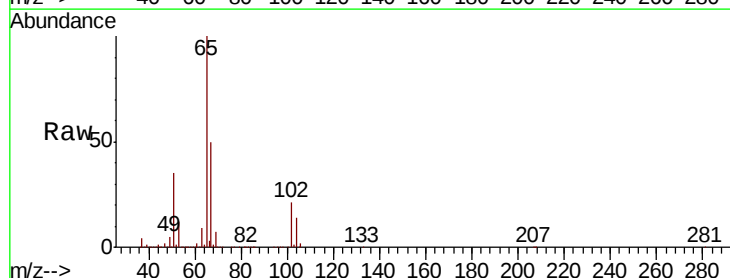
Acq: 30 Aug 2019 11:22

Tgt Ion: 65 Resp: 174516

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

80000

60000

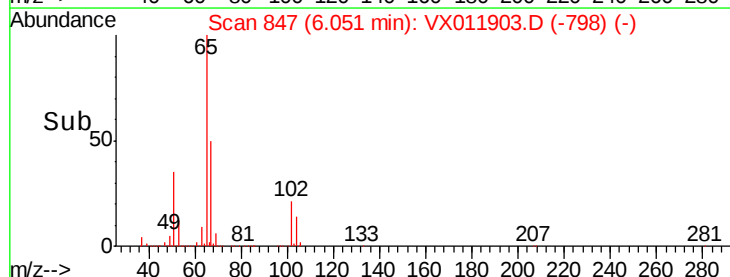
40000

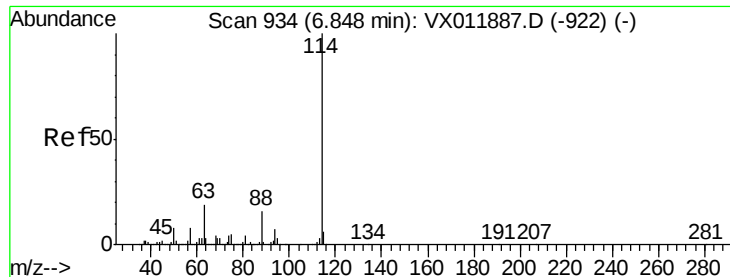
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011903.D

Acq: 30 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBL02

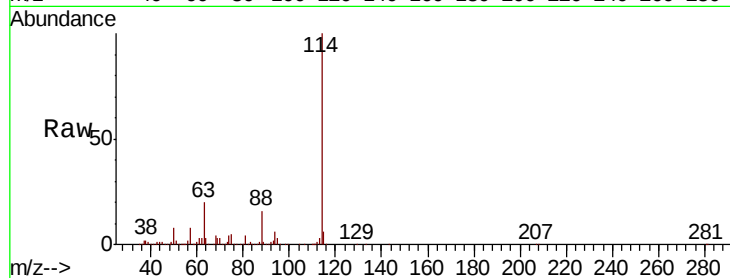
Tot Ion:114 Resp: 482715

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

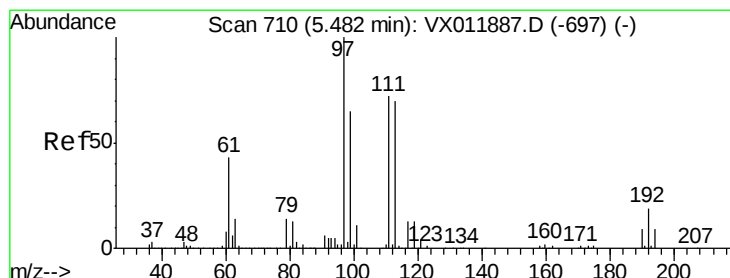
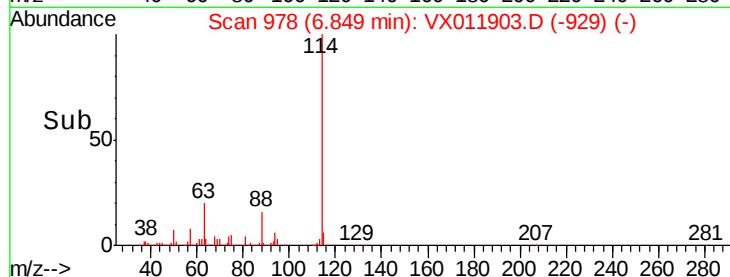
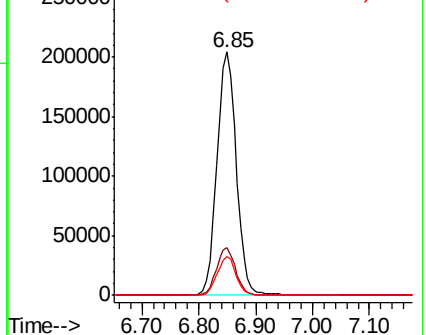
88 16.1 0.0 31.2



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: 51.344 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX011903.D

Acq: 30 Aug 2019 11:22

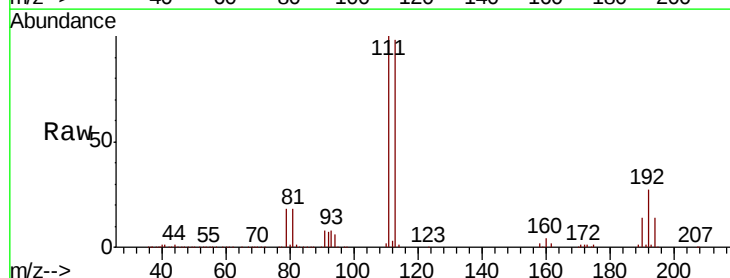
Tgt Ion:113 Resp: 158929

Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

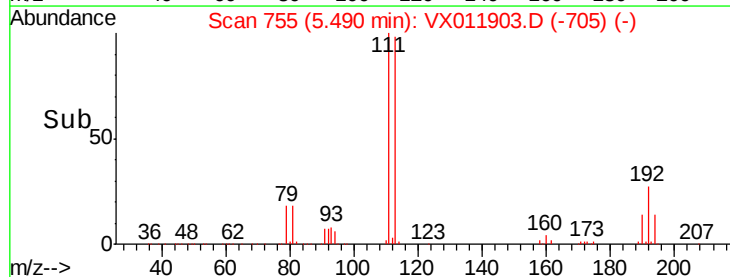
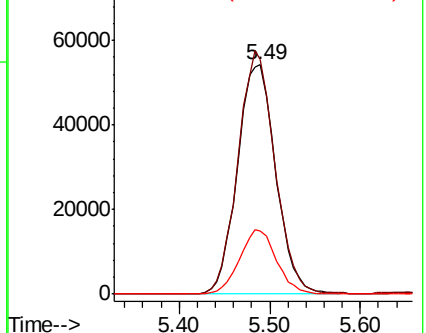
192 27.2 21.5 32.3

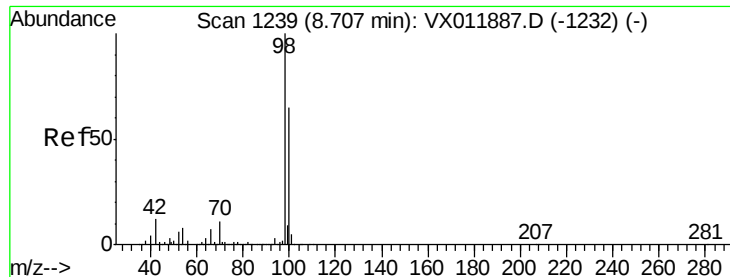


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

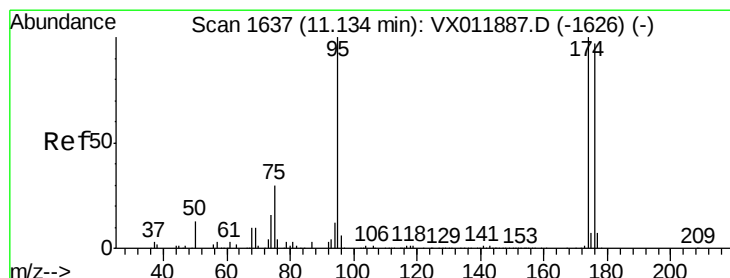
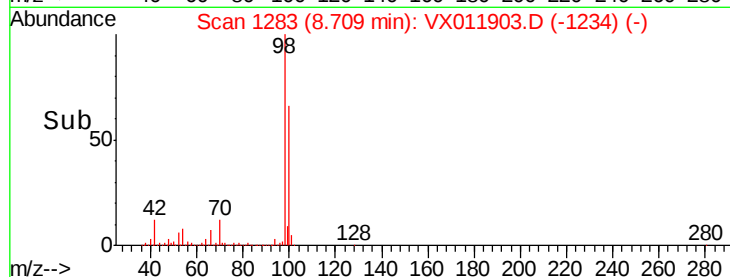
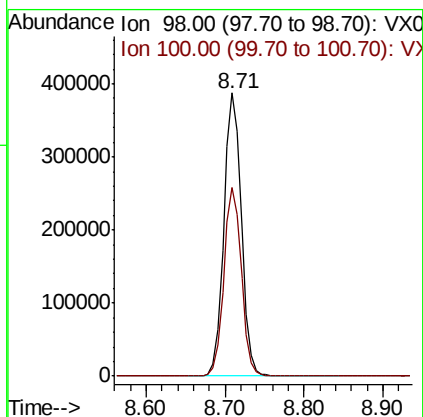
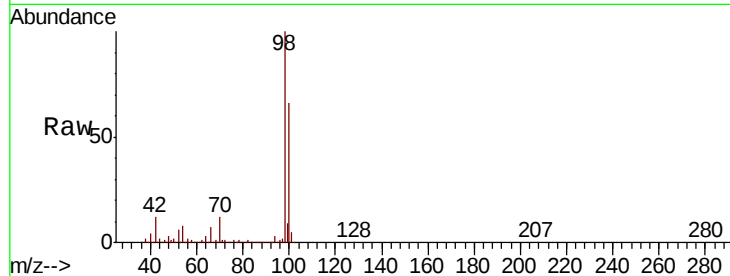




#50
Toluene-d8
Concen: 53.765 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011903.D
Acq: 30 Aug 2019 11:22

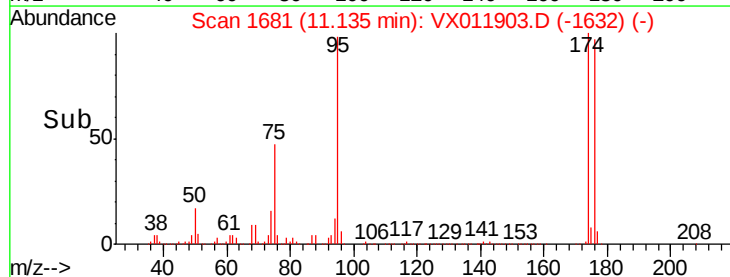
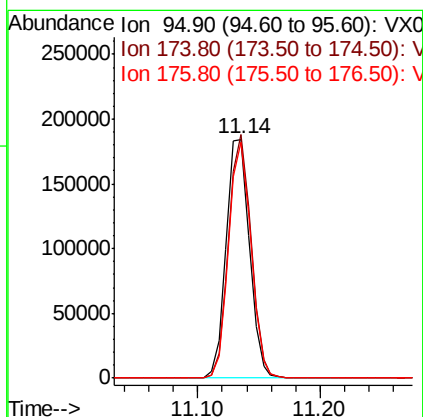
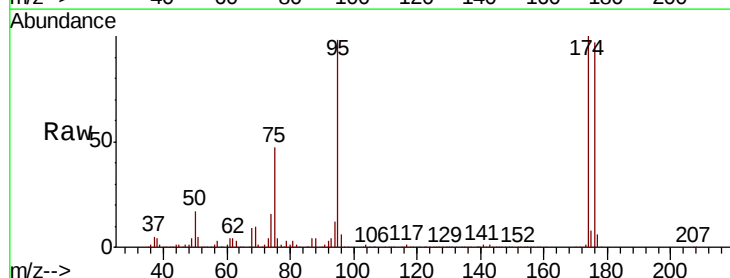
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBL02

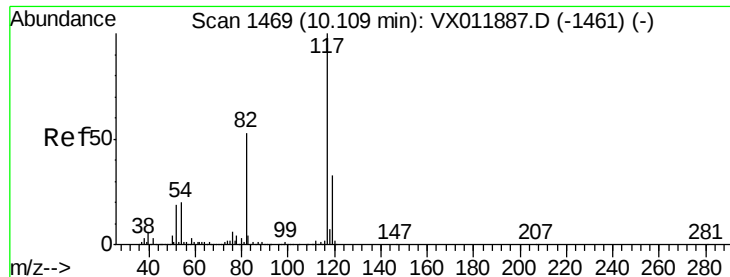
Tot Ion: 98 Resp: 594905
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 50.321 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011903.D
Acq: 30 Aug 2019 11:22

Tgt Ion: 95 Resp: 244249
Ion Ratio Lower Upper
95 100
174 97.5 0.0 196.0
176 94.4 0.0 191.4

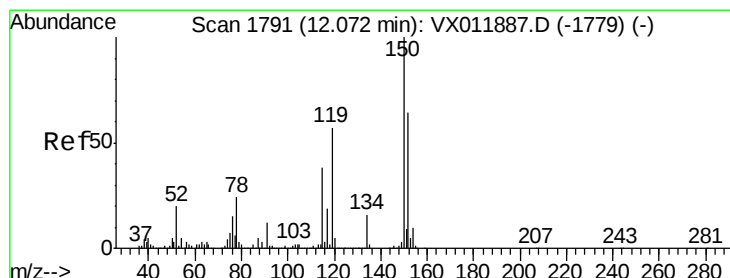
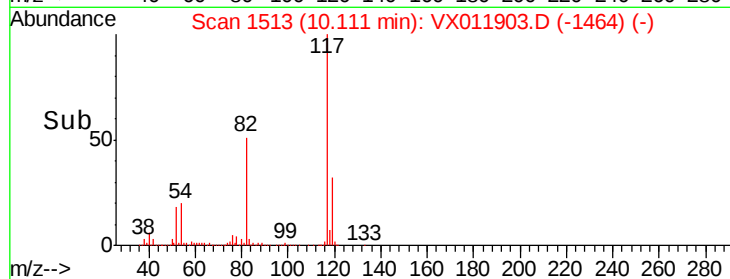
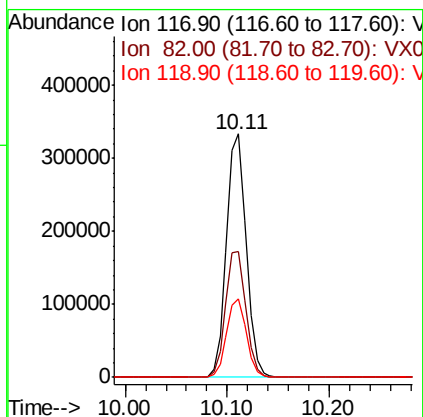
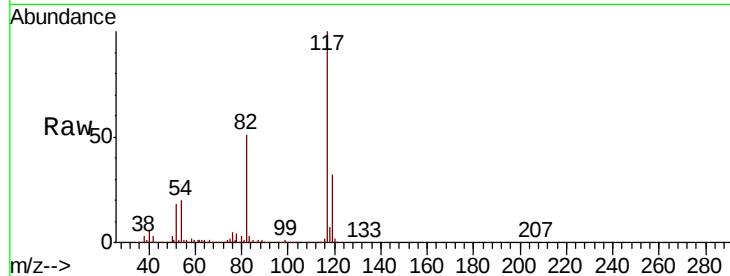




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011903.D
Acq: 30 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0830SBL02

Tot Ion:117 Resp: 448226
Ion Ratio Lower Upper
117 100
82 51.4 42.0 63.0
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011903.D
Acq: 30 Aug 2019 11:22

Tgt Ion:152 Resp: 259415
Ion Ratio Lower Upper
152 100
115 53.9 37.1 111.3
150 157.2 0.0 339.6

