

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091319\
 Data File : VX012397.D
 Acq On : 13 Sep 2019 20:06
 Operator : SY/SP
 Sample : K4738-02
 Misc : 6.44g/5.0mL/MSVOA X/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FK-BPM-01-H02-H03-H02A-H03A

Quant Time: Sep 14 00:55:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275566	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116885	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	106253	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
35) Dibromofluoromethane	5.48	113	81162	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
50) Toluene-d8	8.71	98	328120	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	11.14	95	129754	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	

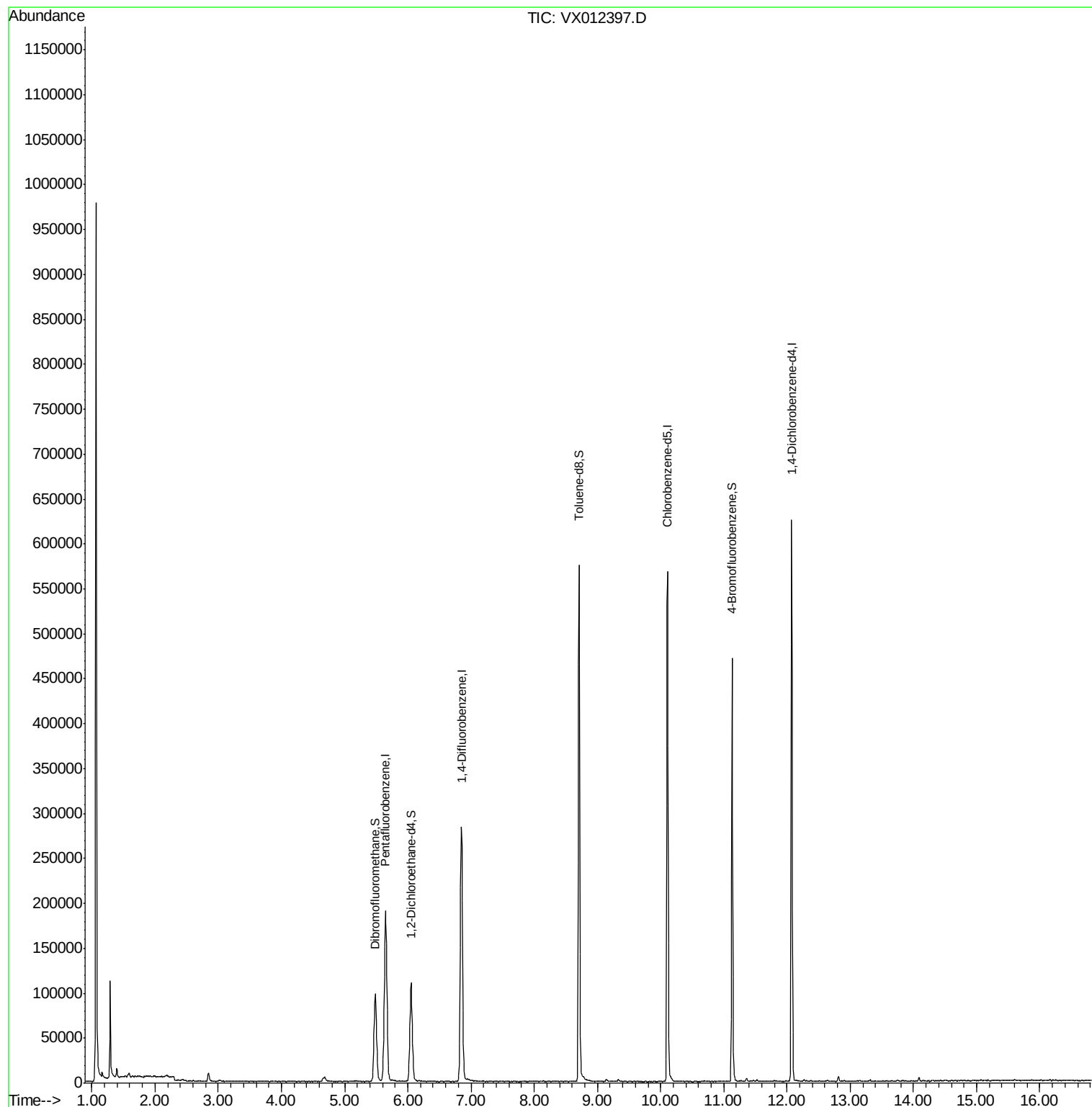
Target Compounds	Qvalue

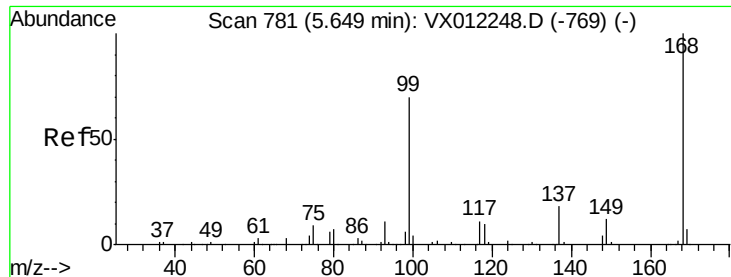
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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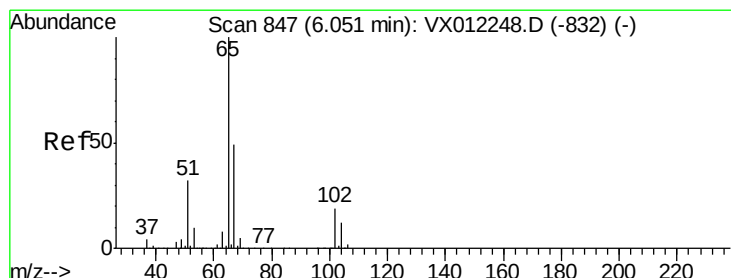
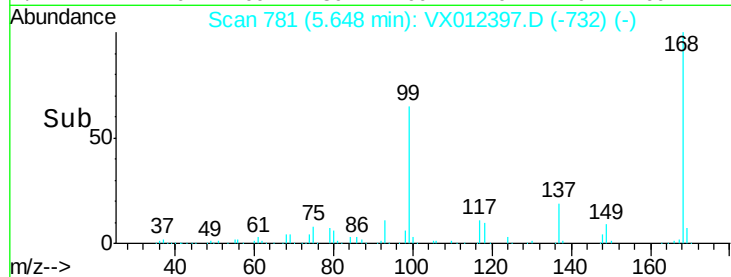
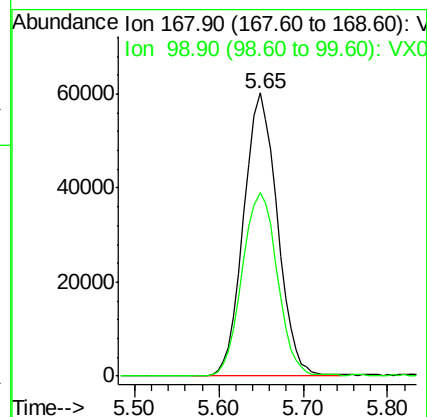
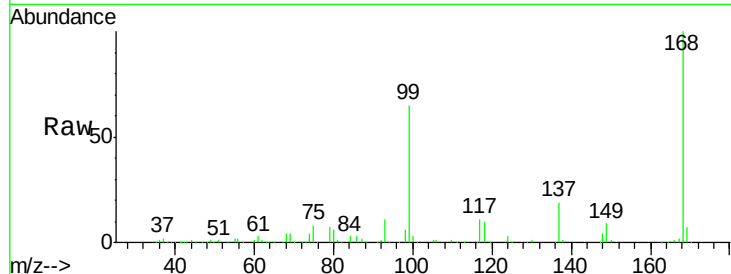




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012397.D
Acq: 13 Sep 2019 20:06

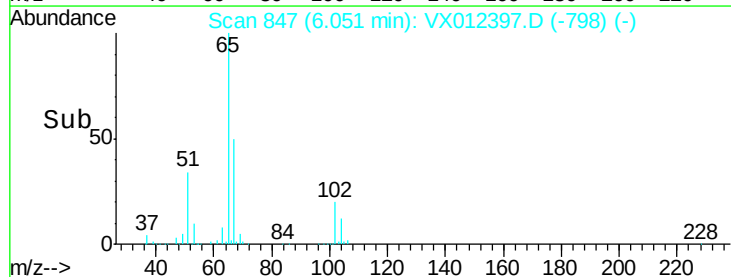
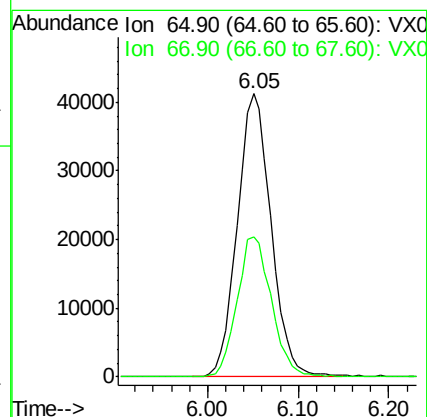
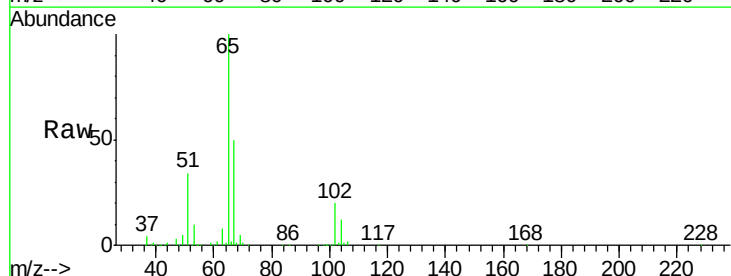
Instrument :
MSVOA_X
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03A

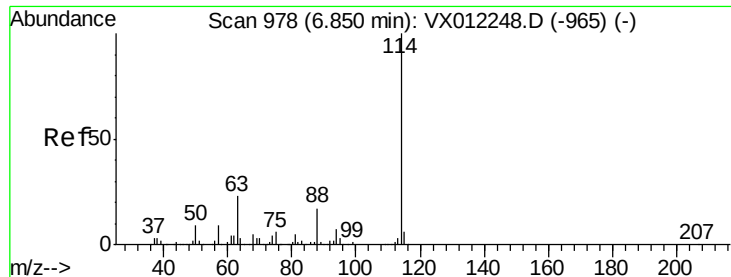
Tot Ion:168 Resp: 163925
Ion Ratio Lower Upper
168 100
99 64.9 55.8 83.6



#33
1,2-Dichloroethane-d4
Concen: 45.847 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012397.D
Acq: 13 Sep 2019 20:06

Tgt Ion: 65 Resp: 106253
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012397.D

Acq: 13 Sep 2019 20:06

Instrument :

MSVOA_X

ClientSampleId :

FK-BPM-01-H02-H03-H02A-H03A

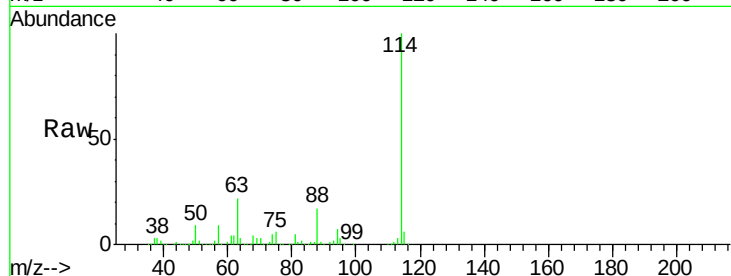
Tot Ion:114 Resp: 275566

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.2

88 16.8 0.0 34.8



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

150000

100000

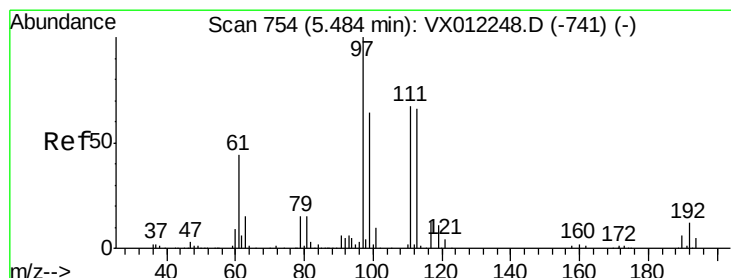
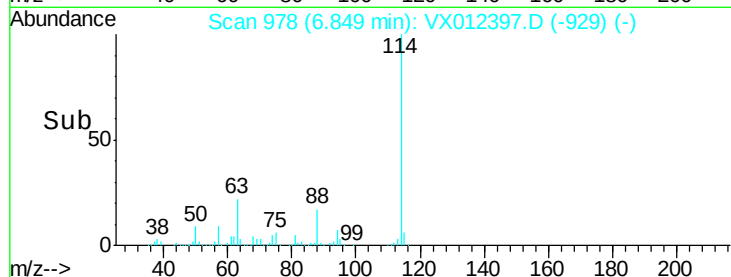
50000

0

6.85

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 45.945 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012397.D

Acq: 13 Sep 2019 20:06

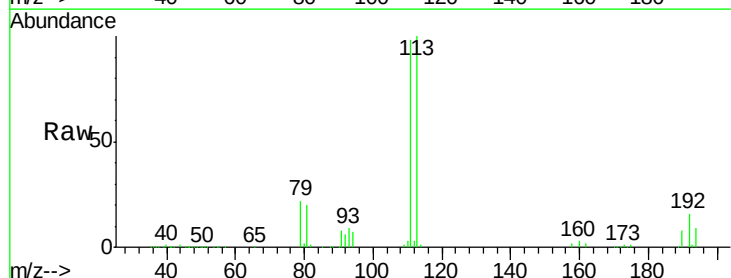
Tgt Ion:113 Resp: 81162

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.6

192 18.4 14.3 21.5



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

40000

30000

20000

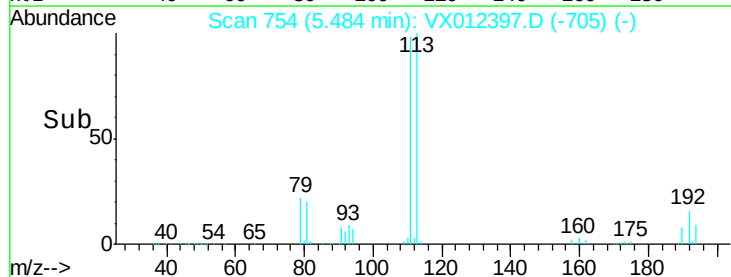
10000

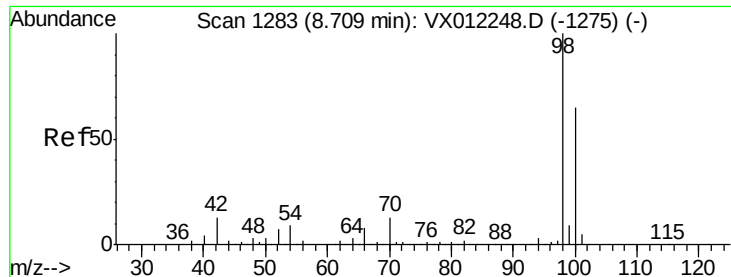
0

5.48

5.40 5.50 5.60

Time-->

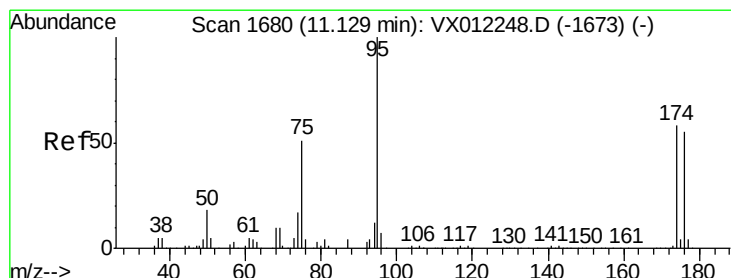
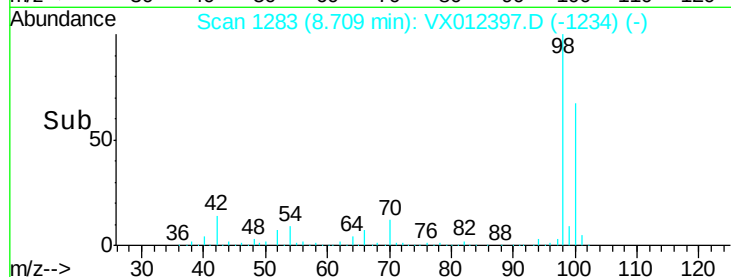
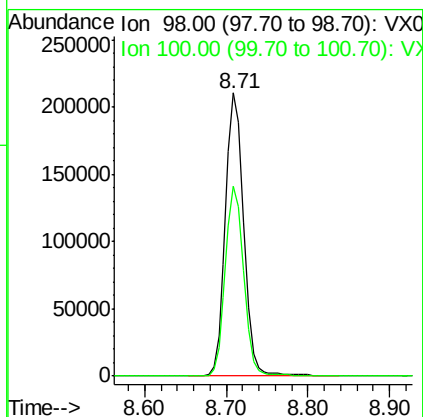
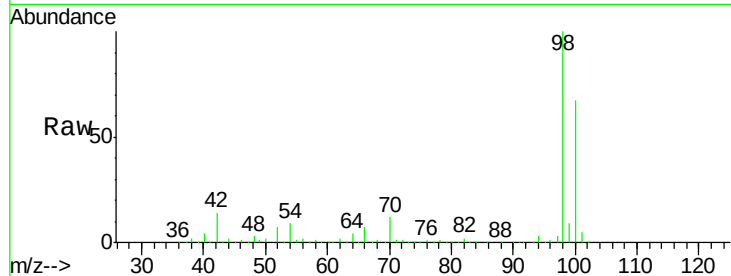




#50
Toluene-d8
Concen: 52.959 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012397.D
Acq: 13 Sep 2019 20:06

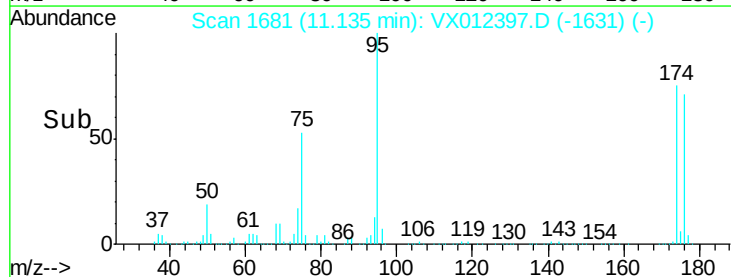
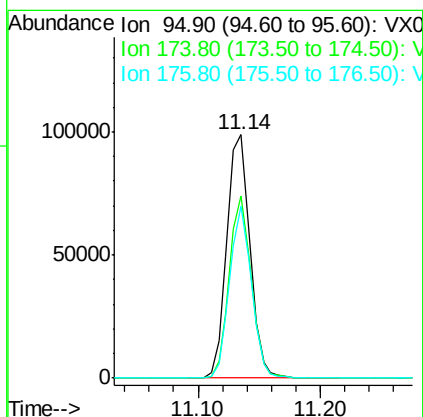
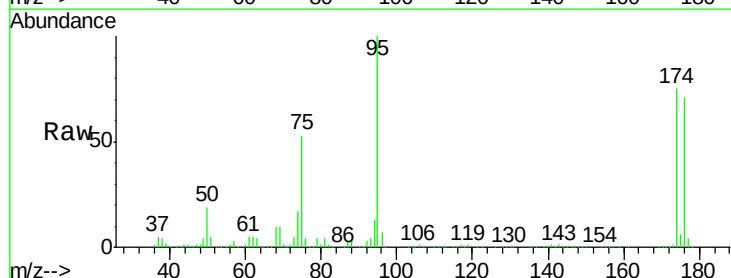
Instrument :
MSVOA_X
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03A

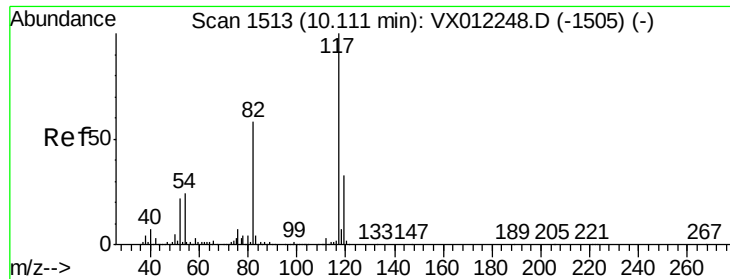
Tot Ion: 98 Resp: 328120
Ion Ratio Lower Upper
98 100
100 67.6 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 45.173 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012397.D
Acq: 13 Sep 2019 20:06

Tgt Ion: 95 Resp: 129754
Ion Ratio Lower Upper
95 100
174 71.0 0.0 127.0
176 66.7 0.0 125.8

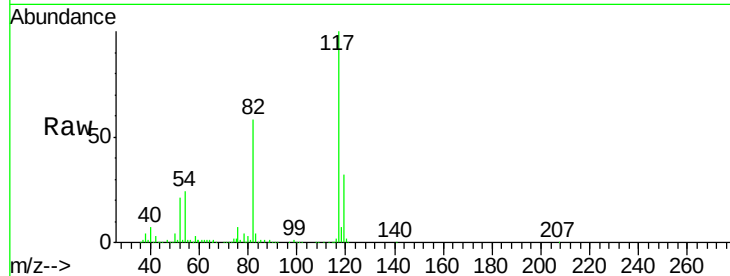




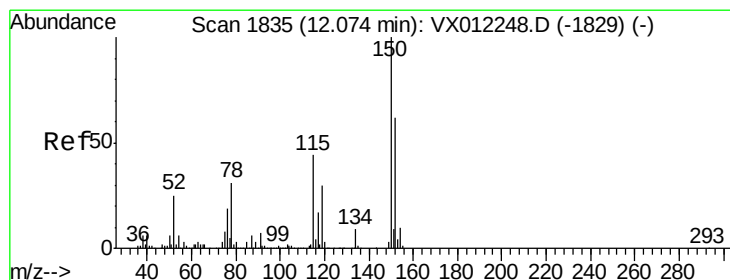
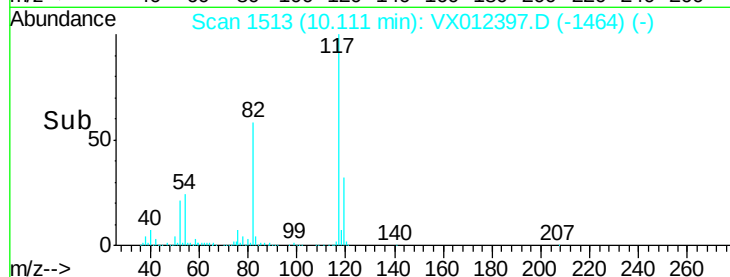
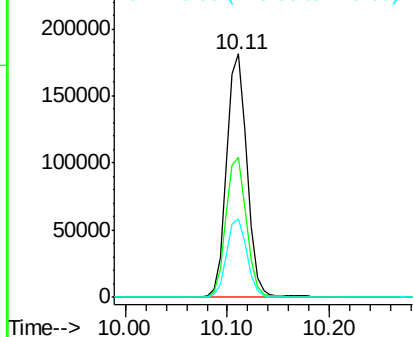
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012397.D
Acq: 13 Sep 2019 20:06

Instrument :
MSVOA_X
ClientSampleId :
FK-BPM-01-H02-H03-H02A-H03A

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.4	69.6
119	32.4	26.6	39.8

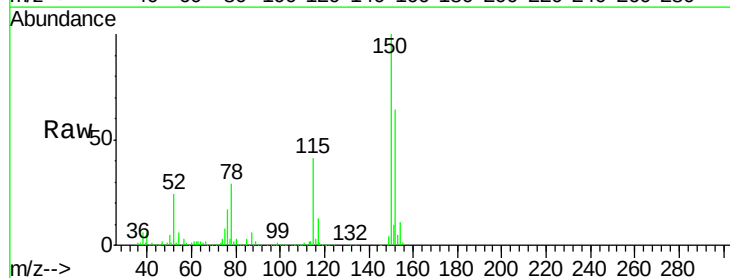


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012397.D
Acq: 13 Sep 2019 20:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	45.5	136.4
150	156.7	0.0	346.4



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

