

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012099.D
 Acq On : 05 Sep 2019 14:23
 Operator : SY/SP
 Sample : K4538-05
 Misc : 4.97g/5.0mL/MSVOA X/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-5

Quant Time: Sep 06 06:06:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	152201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	269839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110759	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	104915	49.96	ug/l	0.00
Spiked Amount						
			Recovery	=	99.92%	
35) Dibromofluoromethane	5.48	113	81584	49.16	ug/l	0.00
Spiked Amount						
			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	321341	52.77	ug/l	0.00
Spiked Amount						
			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	11.14	95	130541	46.10	ug/l	0.00
Spiked Amount						
			Recovery	=	92.20%	

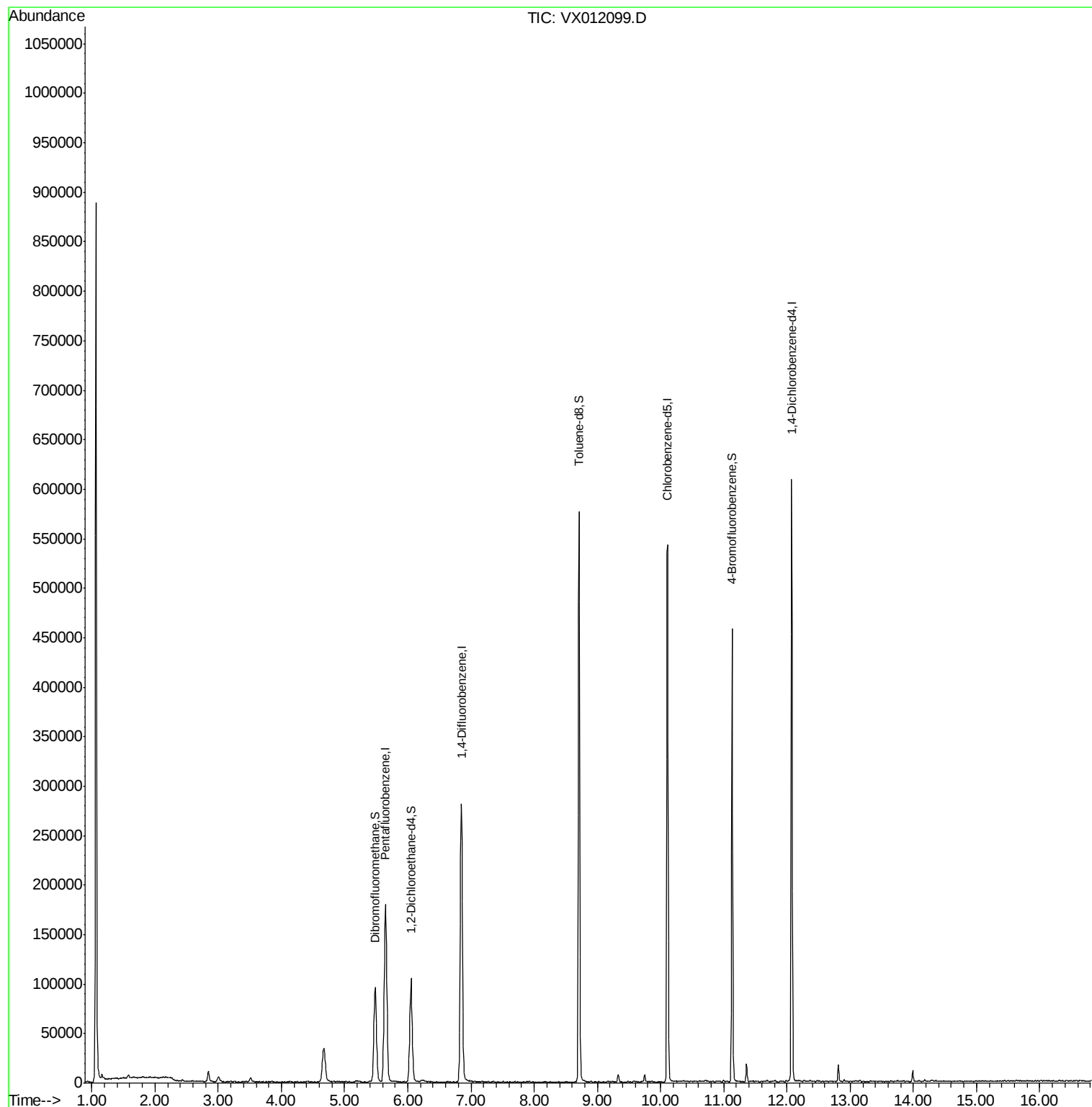
Target Compounds	Qvalue

(#) = 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: VX012099.D

Acq: 05 Sep 2019 14:23

Instrument :

MSVOA_X

ClientSampleId :

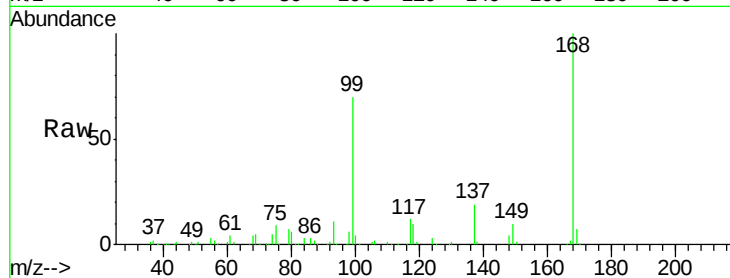
SB-5

Tot Ion:168 Resp: 152201

Ion Ratio Lower Upper

168 100

99 70.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

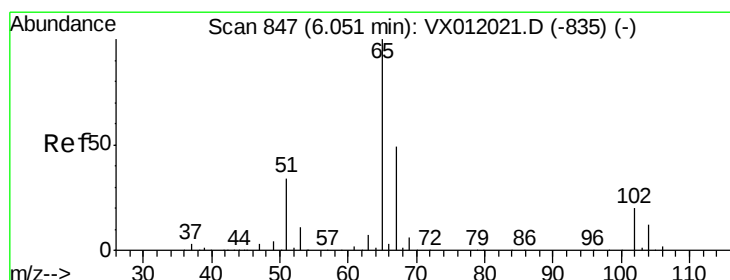
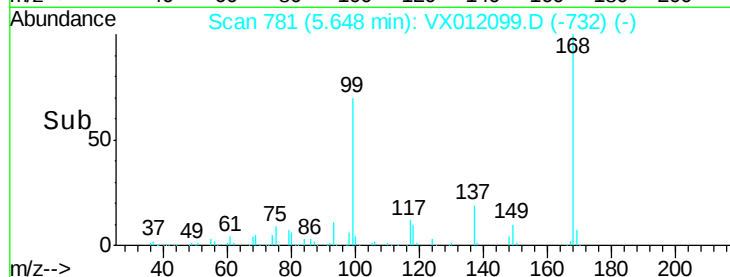
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.958 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012099.D

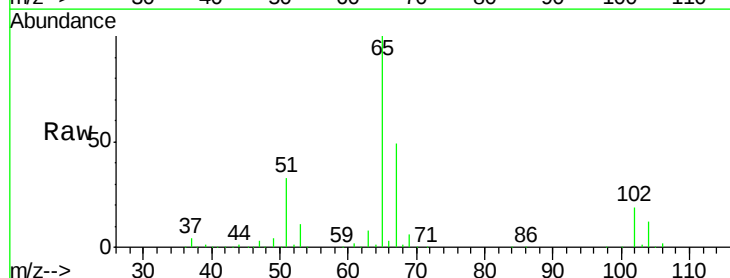
Acq: 05 Sep 2019 14:23

Tgt Ion: 65 Resp: 104915

Ion Ratio Lower Upper

65 100

67 49.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

30000

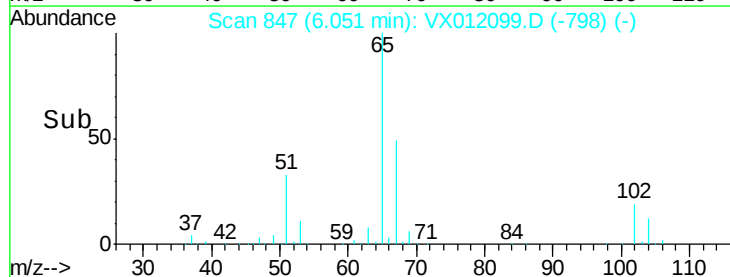
20000

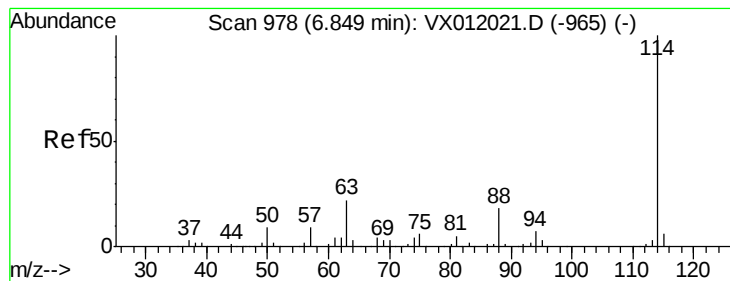
10000

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: VX012099.D

Acq: 05 Sep 2019 14:23

Instrument :

MSVOA_X

ClientSampleId :

SB-5

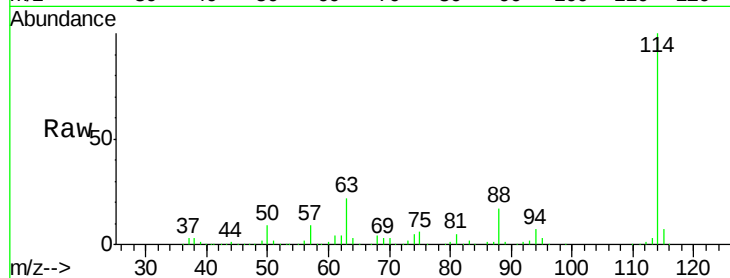
Tot Ion:114 Resp: 269839

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.4

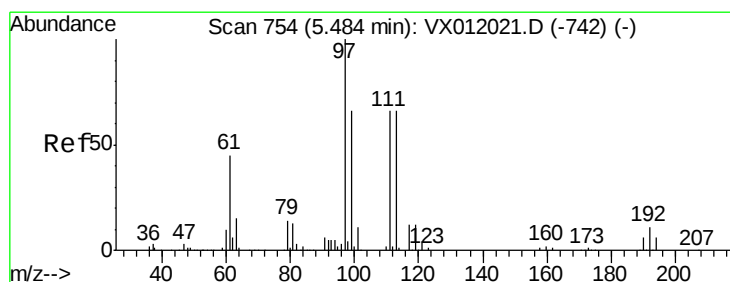
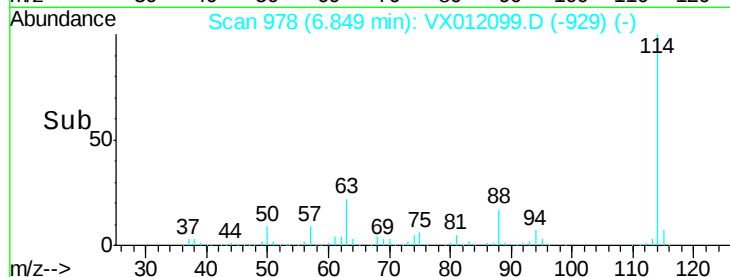
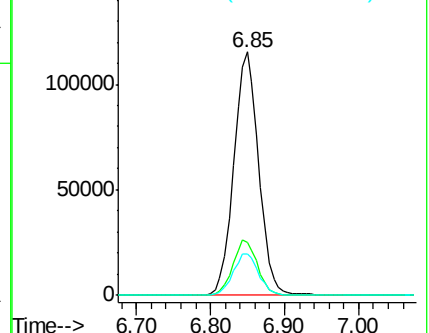
88 17.1 0.0 29.6



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: 49.164 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012099.D

Acq: 05 Sep 2019 14:23

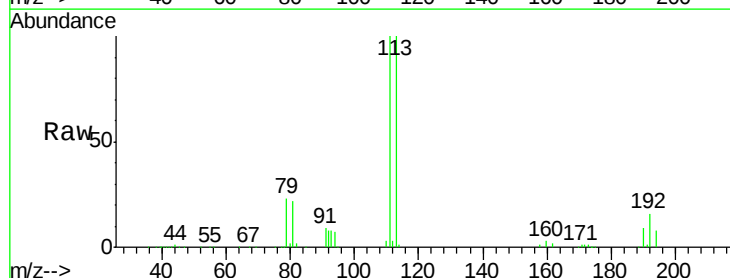
Tgt Ion:113 Resp: 81584

Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

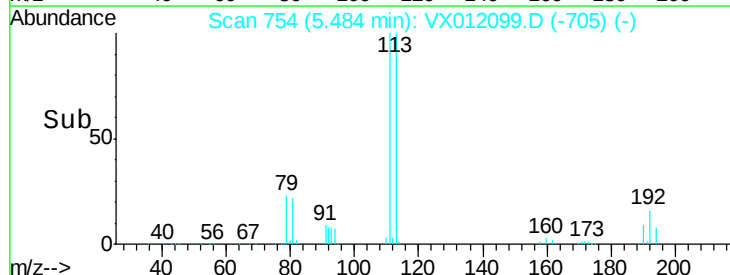
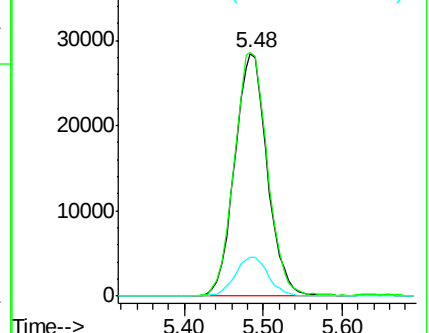
192 16.4 22.5 33.7#

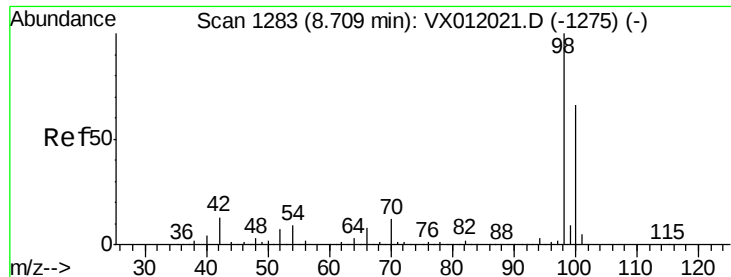


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

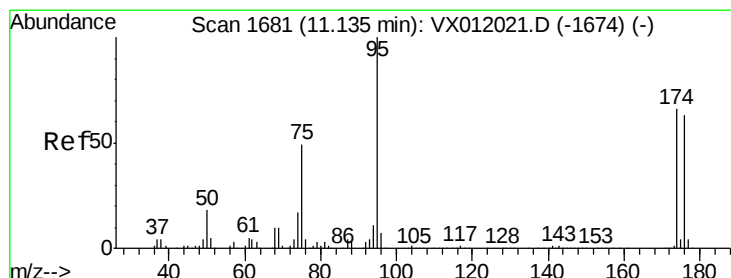
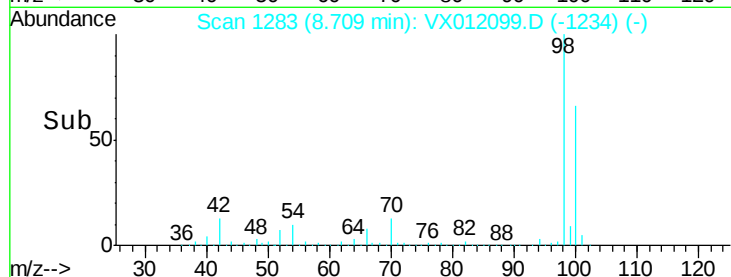
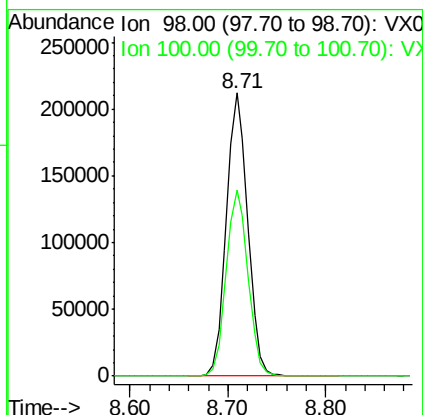
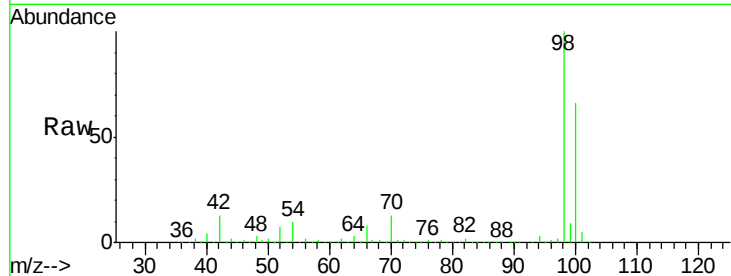




#50
Toluene-d8
Concen: 52.771 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012099.D
Acq: 05 Sep 2019 14:23

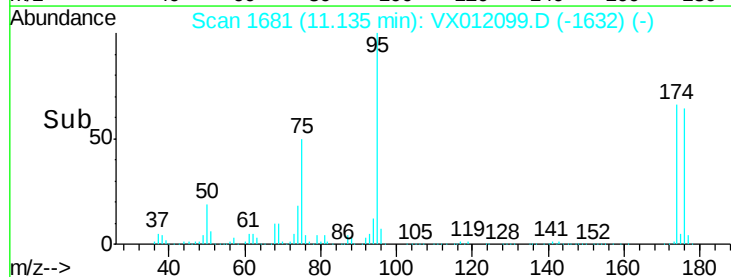
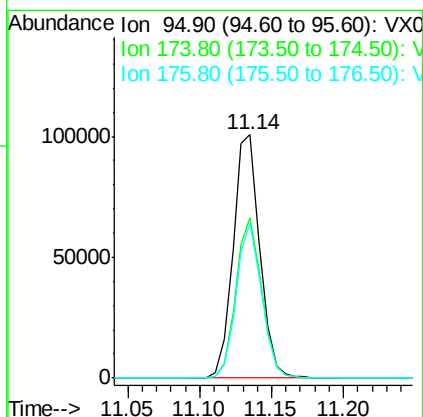
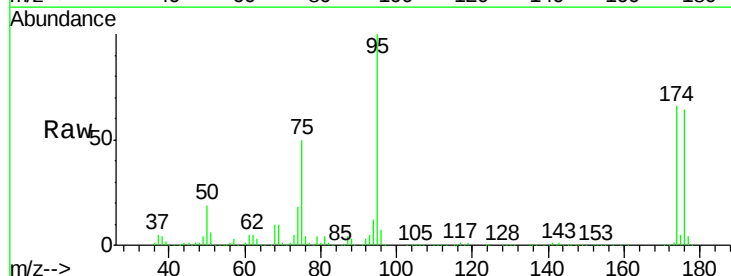
Instrument :
MSVOA_X
ClientSampleId :
SB-5

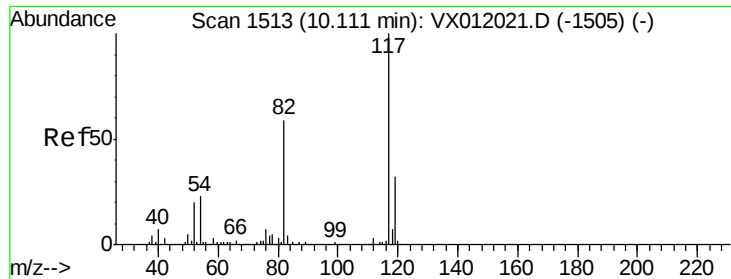
Tot Ion: 98 Resp: 321341
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 46.096 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012099.D
Acq: 05 Sep 2019 14:23

Tgt Ion: 95 Resp: 130541
Ion Ratio Lower Upper
95 100
174 63.8 0.0 205.4
176 60.5 0.0 201.8

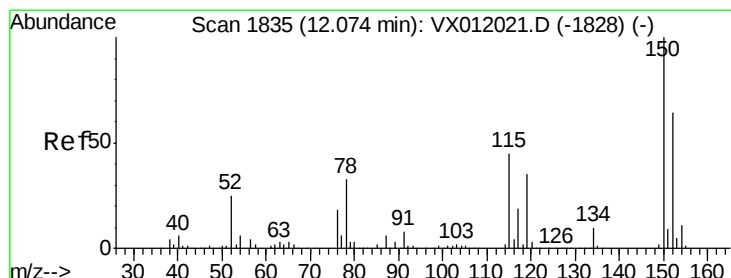
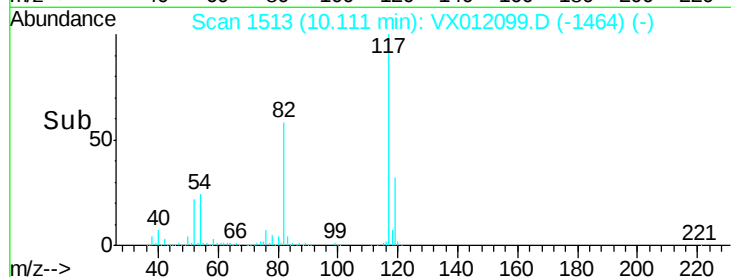
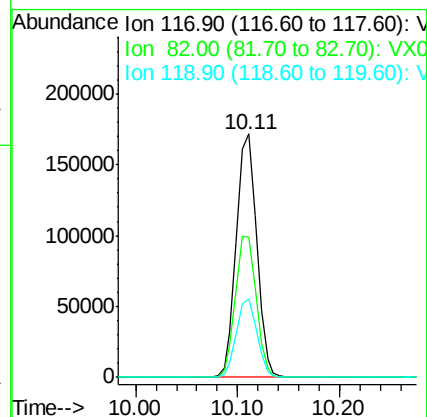
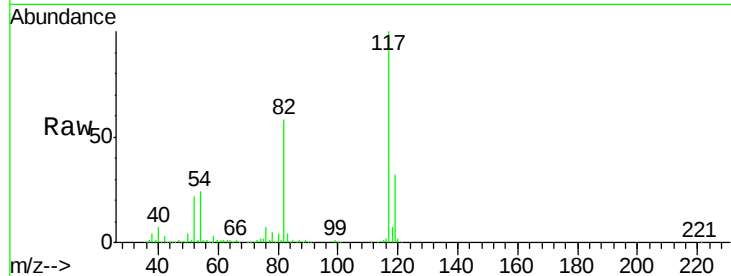




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012099.D
Acq: 05 Sep 2019 14:23

Instrument :
MSVOA_X
ClientSampleId :
SB-5

Tot Ion:117 Resp: 238014
Ion Ratio Lower Upper
117 100
82 57.5 39.4 59.0
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012099.D
Acq: 05 Sep 2019 14:23

Tgt Ion:152 Resp: 110759
Ion Ratio Lower Upper
152 100
115 66.5 36.4 109.3
150 155.3 0.0 341.2

