

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012048.D
 Acq On : 04 Sep 2019 13:28
 Operator : SY/SP
 Sample : K4646-23
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AB01-083019

Quant Time: Sep 21 04:04:36 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

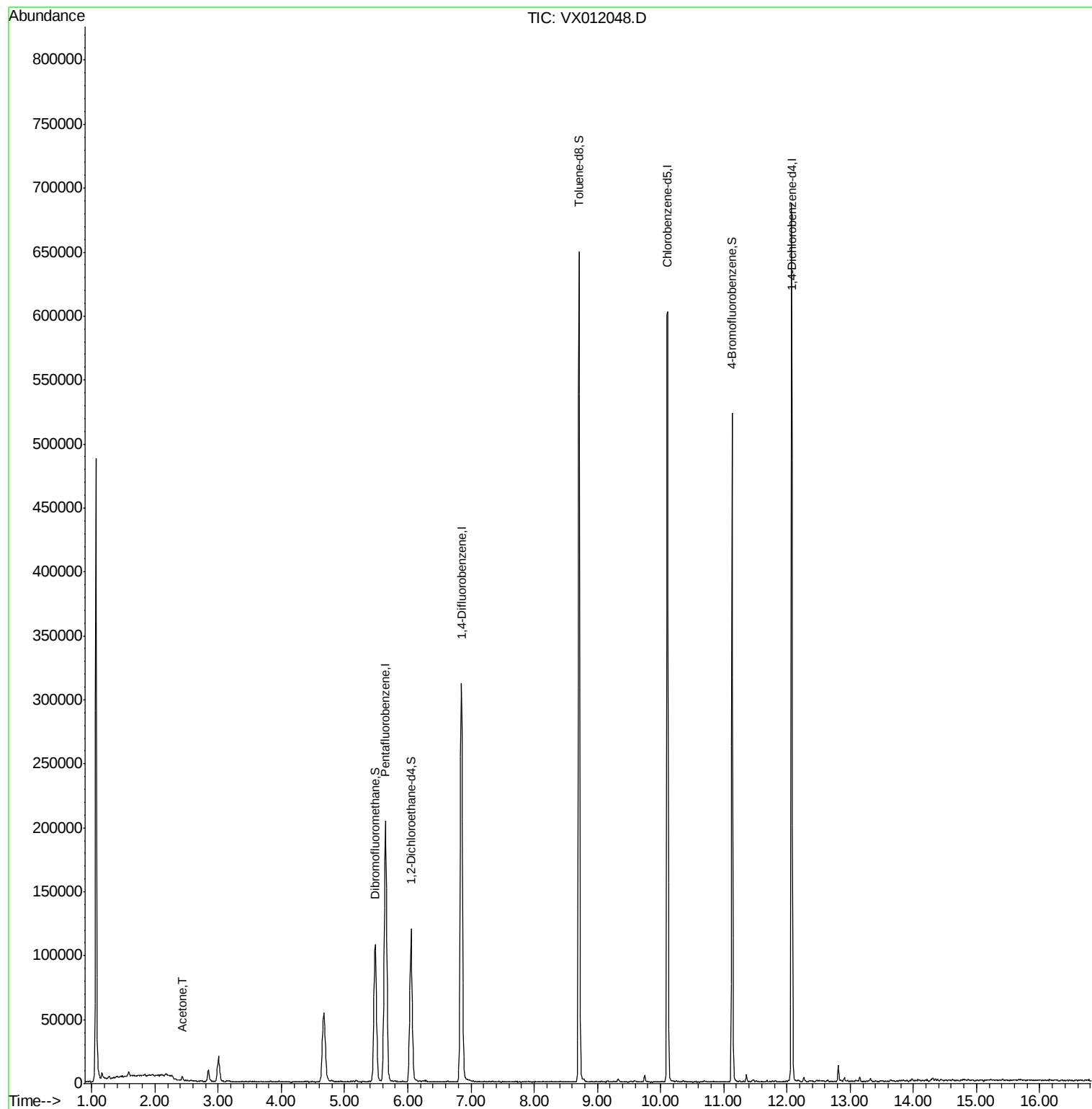
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	305724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118506	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
35) Dibromofluoromethane	5.48	113	92072	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	364776	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.14	95	149120	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
Target Compounds						
16) Acetone	2.43	43	3455	6.121	ug/l	Qvalue 91

(#) = 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: VX012048.D

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Instrument :

MSVOA_X

ClientSampleId :

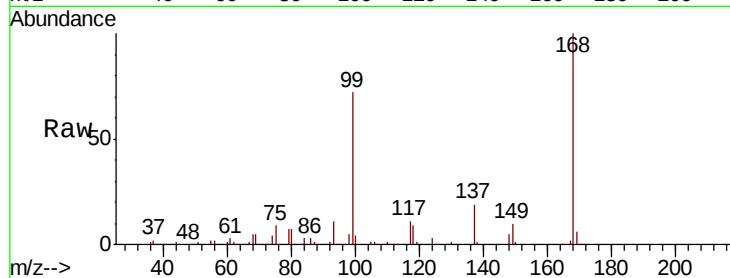
AB01-083019

Tot Ion:168 Resp: 171147

Ion Ratio Lower Upper

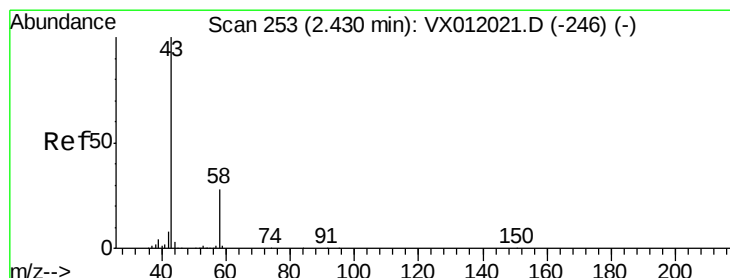
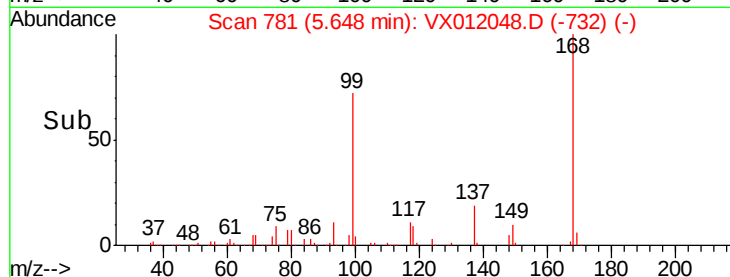
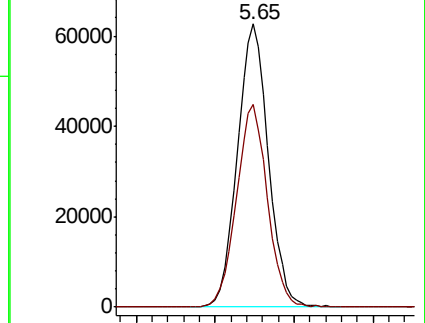
168 100

99 71.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.121 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012048.D

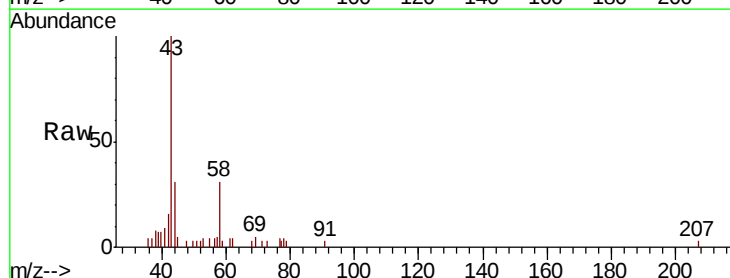
Acq: 04 Sep 2019 13:28

Tgt Ion: 43 Resp: 3455

Ion Ratio Lower Upper

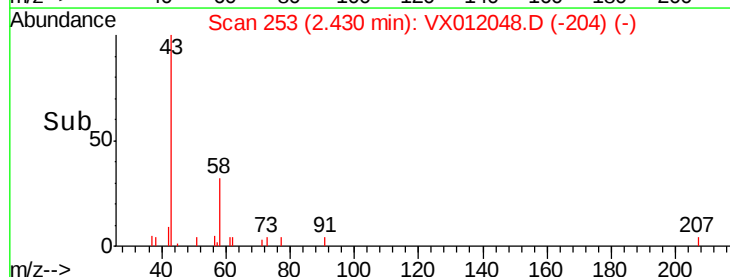
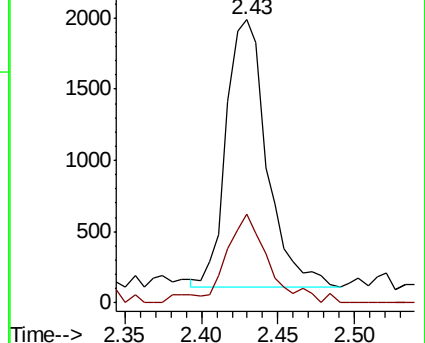
43 100

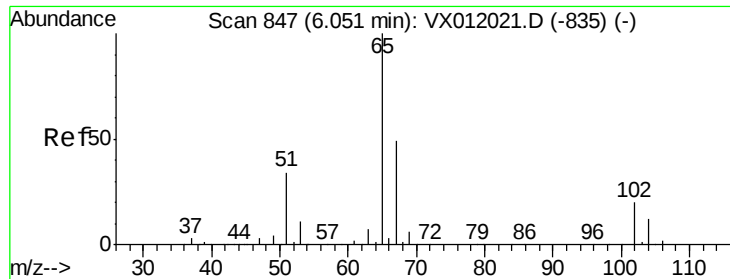
58 33.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.183 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012048.D

Acq: 04 Sep 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

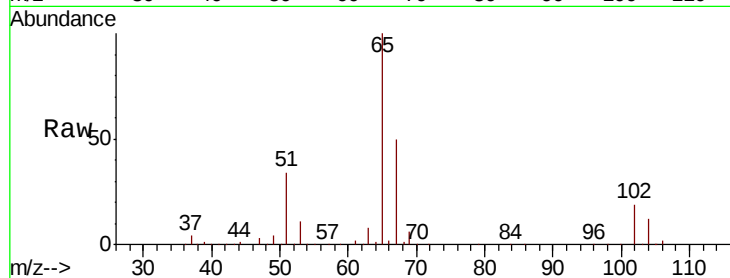
AB01-083019

Tot Ion: 65 Resp: 118506

Ion Ratio Lower Upper

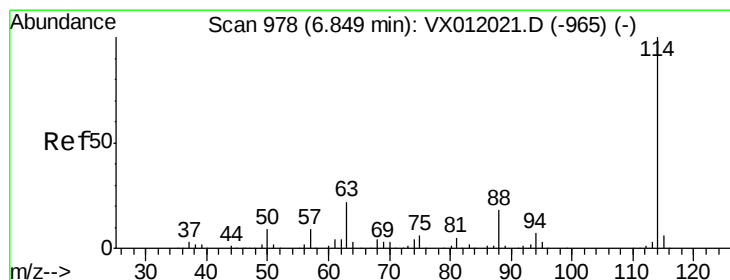
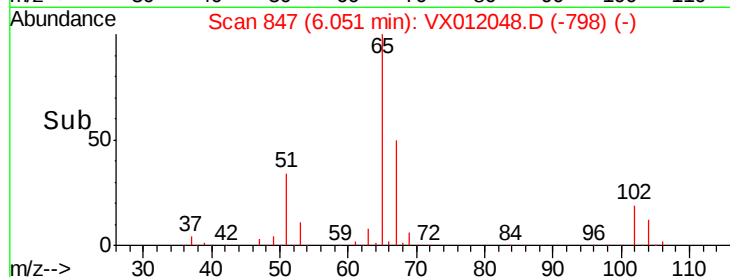
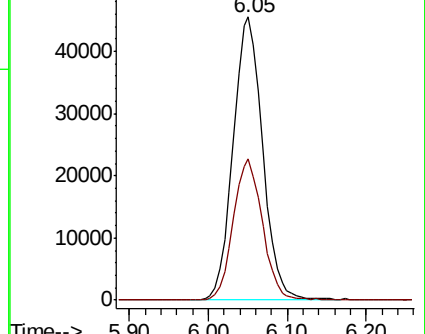
65 100

67 49.2 0.0 102.0



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012048.D

Acq: 04 Sep 2019 13:28

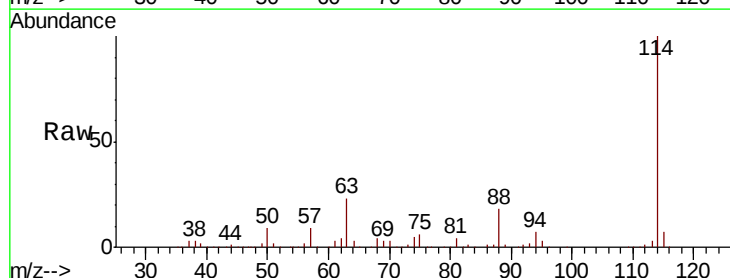
Tgt Ion: 114 Resp: 305724

Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.4

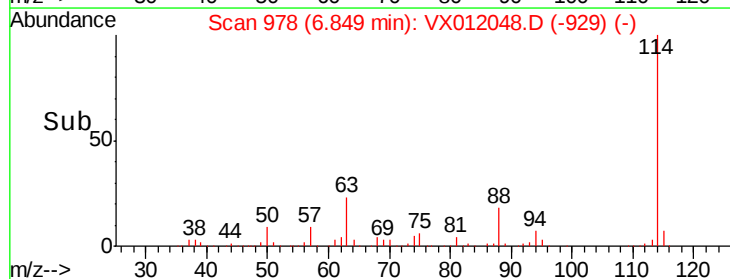
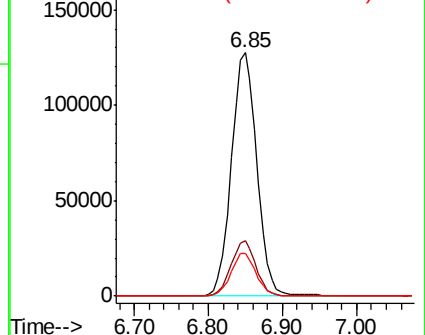
88 17.6 0.0 29.6

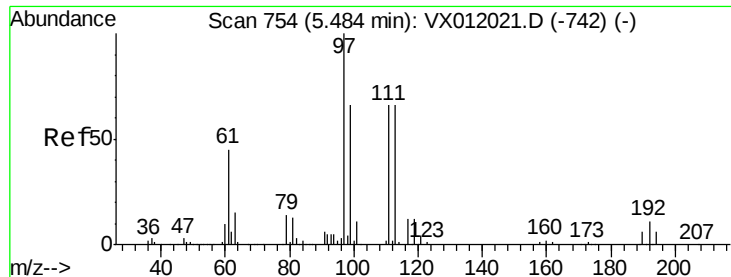


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

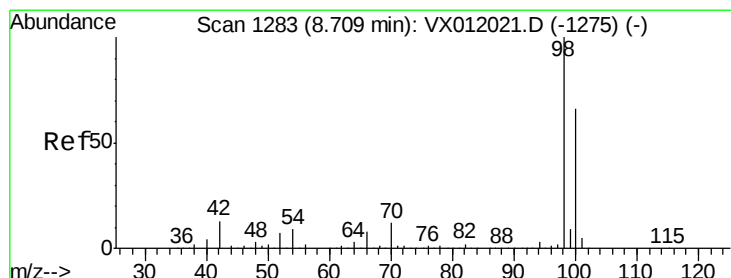
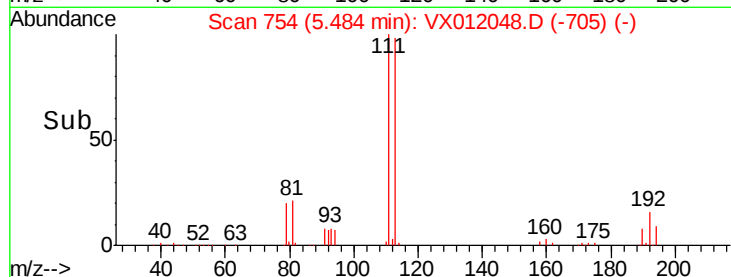
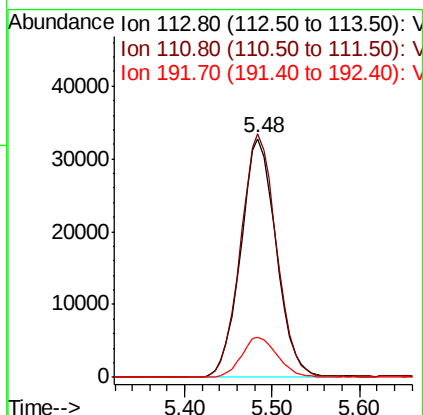
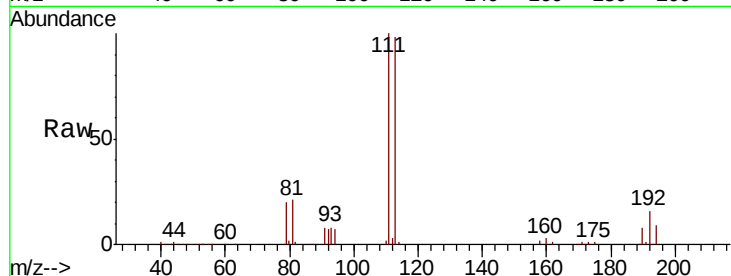




#35
 Dibromofluoromethane
 Concen: 48.971 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012048.D
 Acq: 04 Sep 2019 13:28

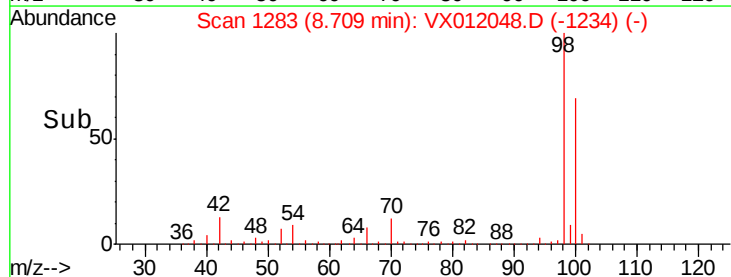
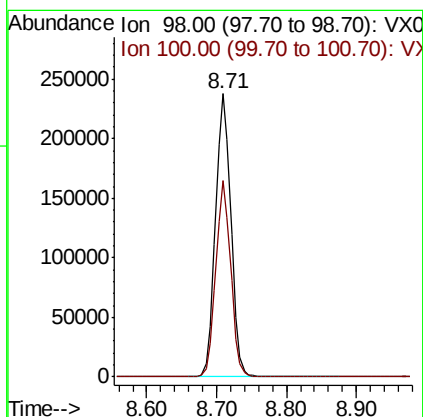
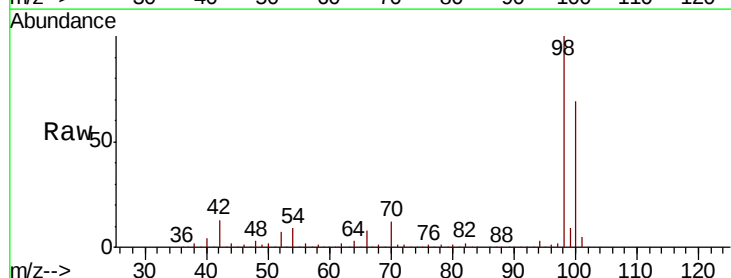
Instrument :
 MSVOA_X
 ClientSampleId :
 AB01-083019

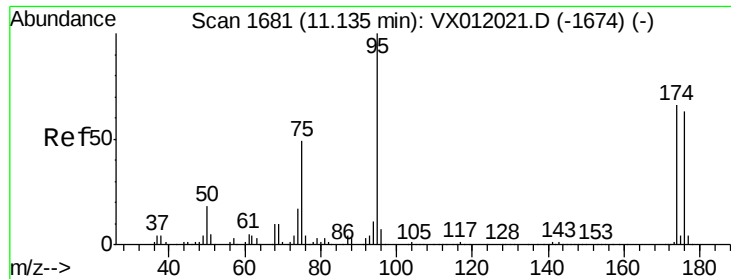
Tot Ion:113 Resp: 92072
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.7 122.5
 192 17.0 22.5 33.7#



#50
 Toluene-d8
 Concen: 52.872 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012048.D
 Acq: 04 Sep 2019 13:28

Tgt Ion: 98 Resp: 364776
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.3 79.9

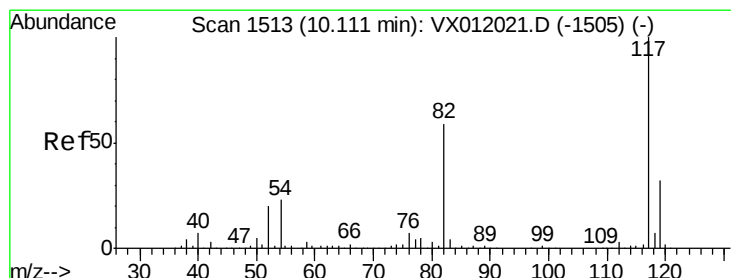
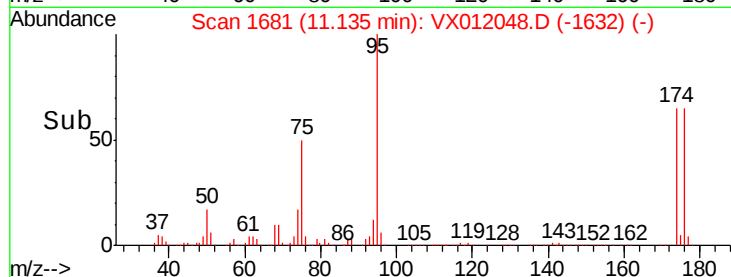
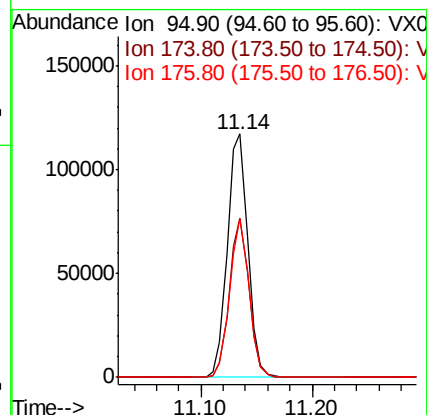
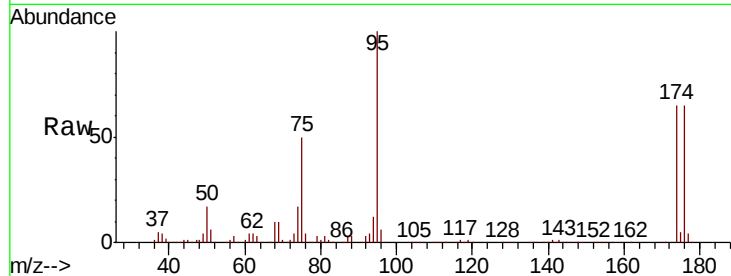




#62
4-Bromofluorobenzene
Concen: 46.476 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012048.D
Acq: 04 Sep 2019 13:28

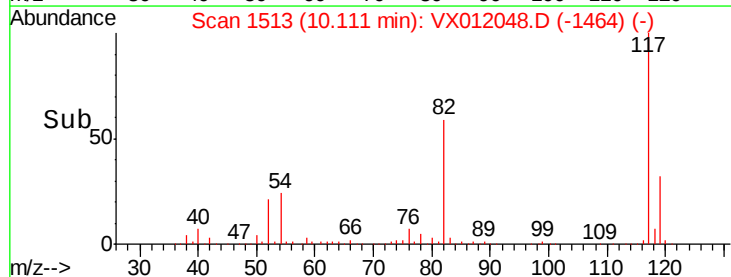
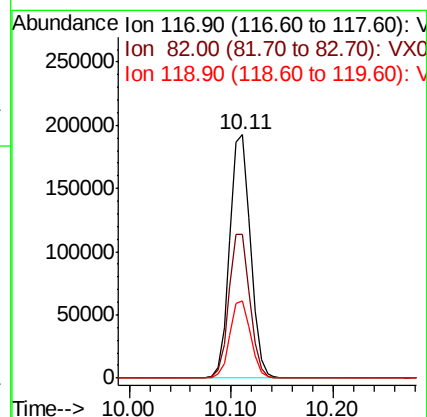
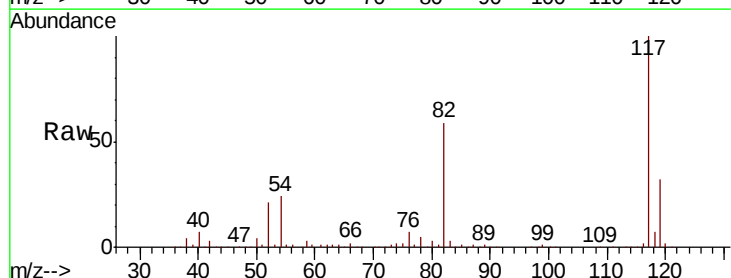
Instrument :
MSVOA_X
ClientSampleId :
AB01-083019

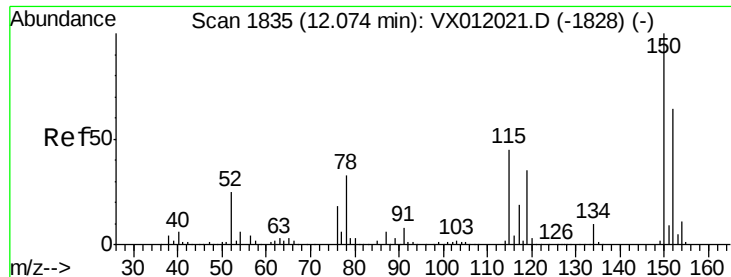
Tot Ion: 95 Resp: 149120
Ion Ratio Lower Upper
95 100
174 62.5 0.0 205.4
176 61.7 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012048.D
Acq: 04 Sep 2019 13:28

Tgt Ion: 117 Resp: 270335
Ion Ratio Lower Upper
117 100
82 59.3 39.4 59.0#
119 31.8 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: VX012048.D
 Acq: 04 Sep 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 AB01-083019

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.7	36.4	109.3
150	154.6	0.0	341.2

