

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012051.D
 Acq On : 04 Sep 2019 14:52
 Operator : SY/SP
 Sample : K4646-14
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-07-083019

Quant Time: Sep 21 04:06:57 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

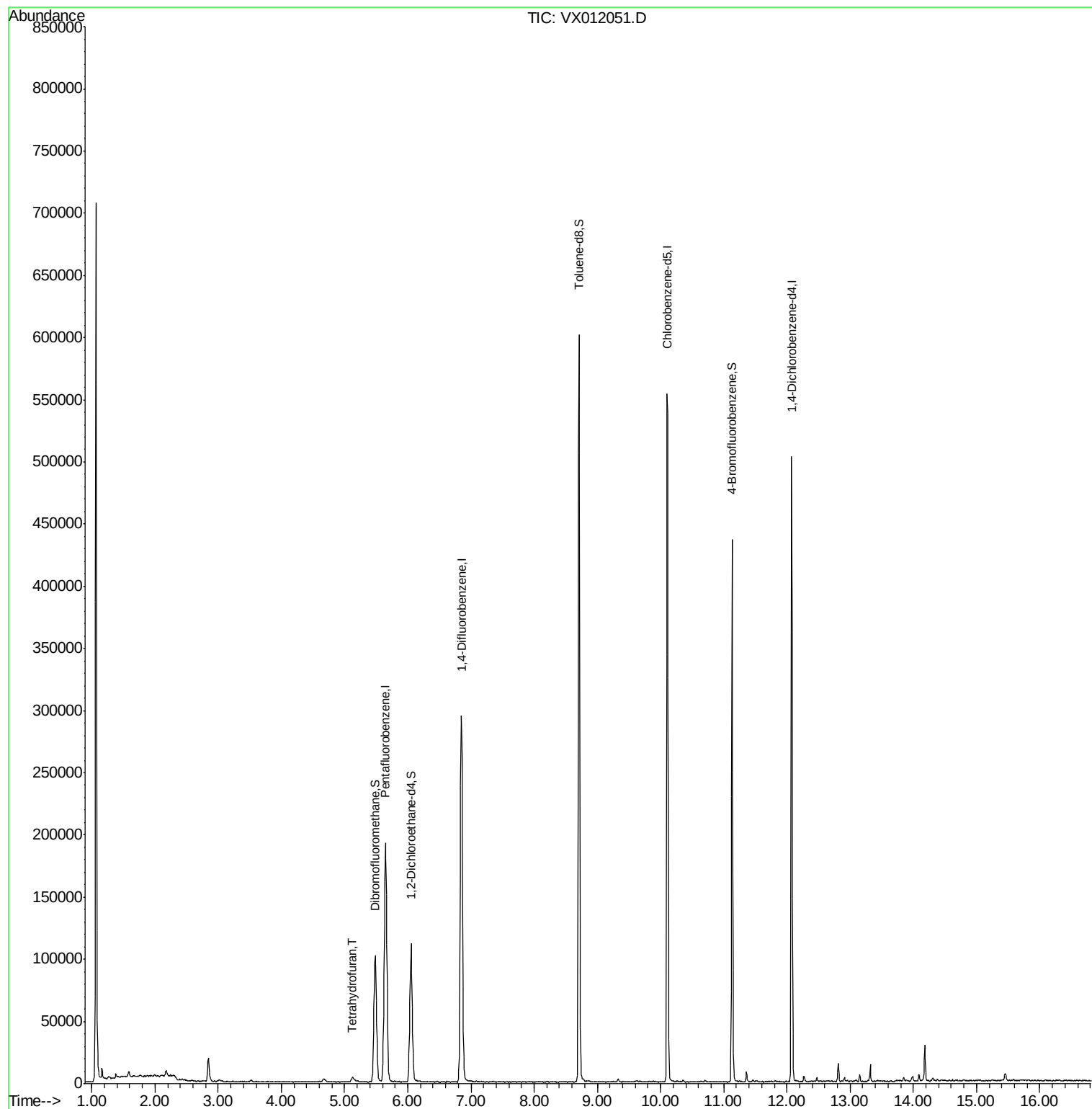
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	163208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	111058	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	5.48	113	85976	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	8.71	98	336944	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	11.14	95	127543	42.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.46%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	3880	9.399	ug/l	Qvalue 96

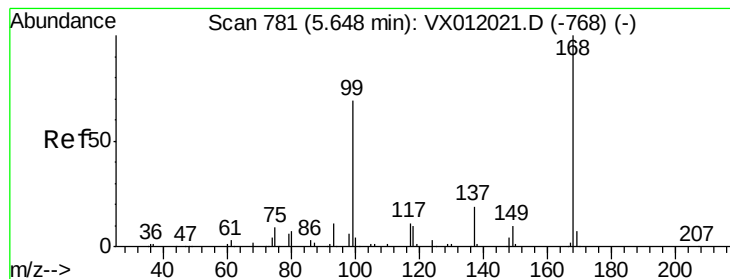
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012051.D

Acq: 04 Sep 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

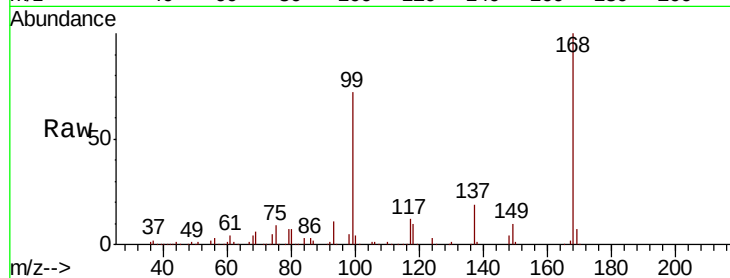
TB-07-083019

Tot Ion:168 Resp: 163208

Ion Ratio Lower Upper

168 100

99 72.2 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

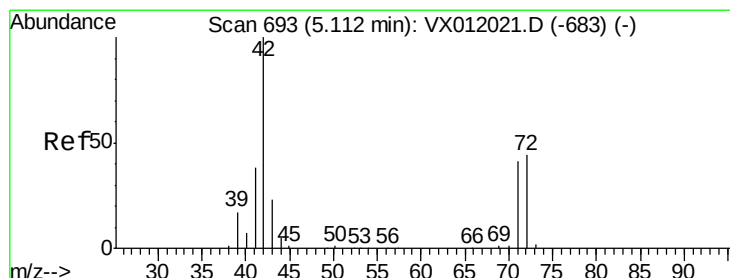
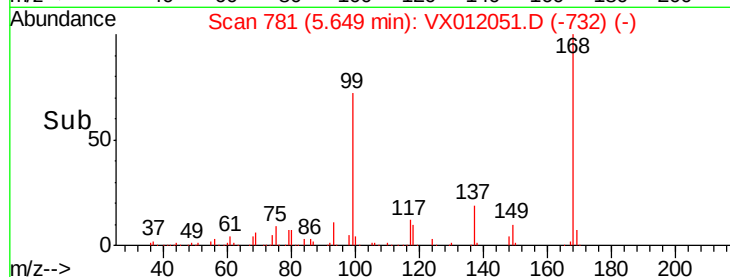
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 9.399 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012051.D

Acq: 04 Sep 2019 14:52

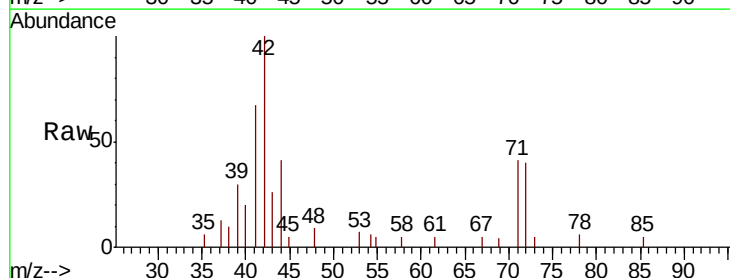
Tgt Ion: 42 Resp: 3880

Ion Ratio Lower Upper

42 100

72 42.9 37.0 55.4

71 44.0 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

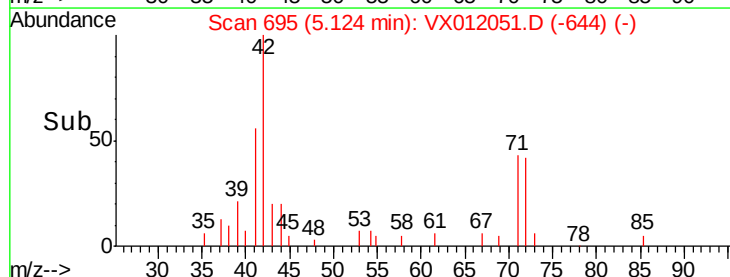
1500

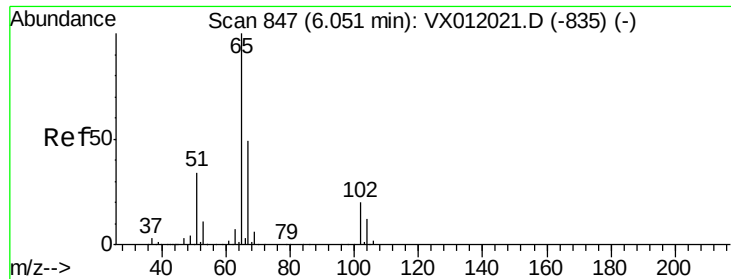
1000

500

0

Time--> 5.00 5.10 5.20

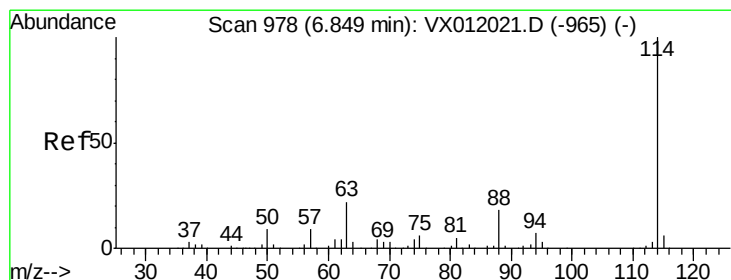
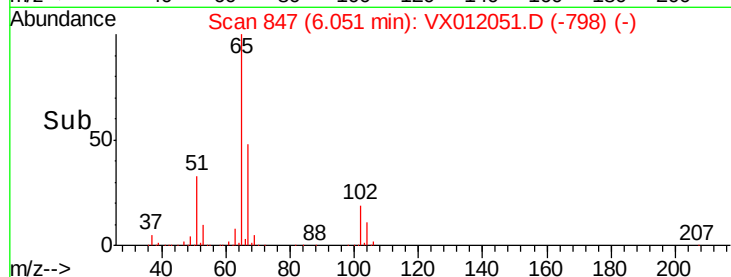
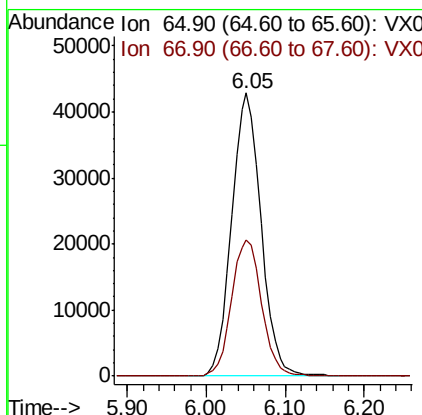
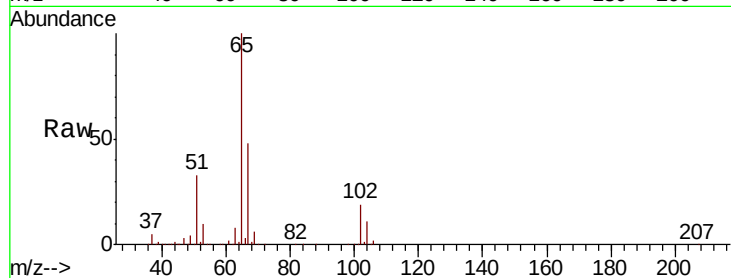




#33
 1,2-Dichloroethane-d4
 Concen: 49.316 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012051.D
 Acq: 04 Sep 2019 14:52

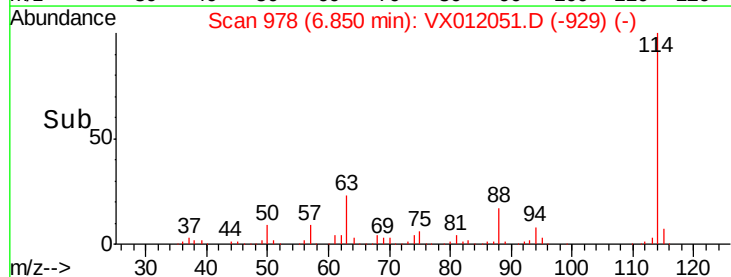
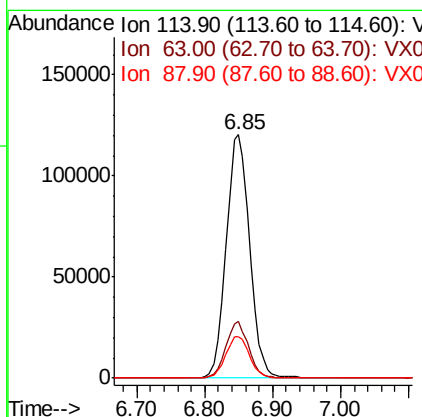
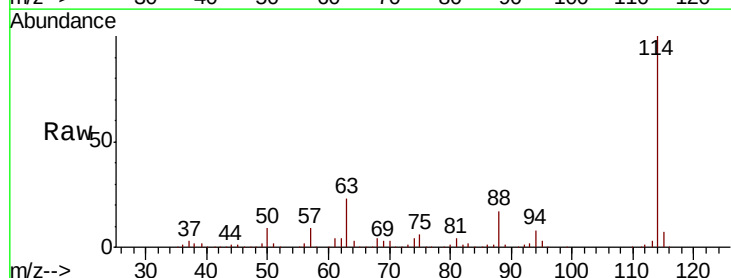
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-07-083019

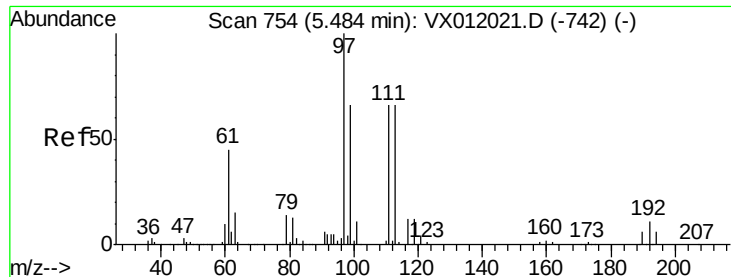
Tot Ion: 65 Resp: 111058
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012051.D
 Acq: 04 Sep 2019 14:52

Tgt Ion: 114 Resp: 287810
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 37.4
 88 17.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.575 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012051.D

Acq: 04 Sep 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

TB-07-083019

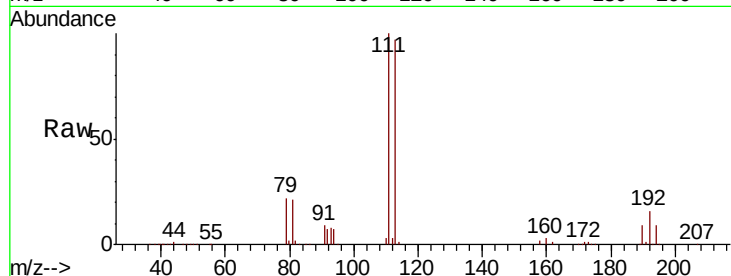
Tot Ion:113 Resp: 85976

Ion Ratio Lower Upper

113 100

111 104.2 81.7 122.5

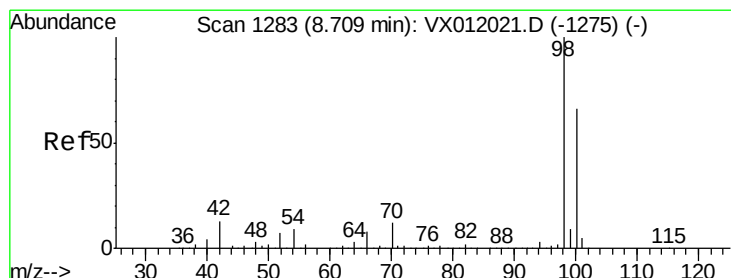
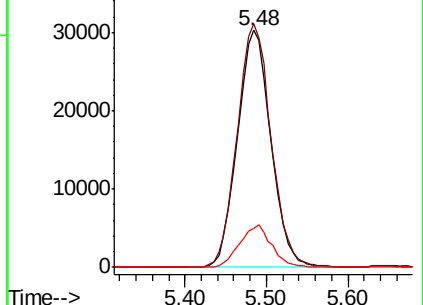
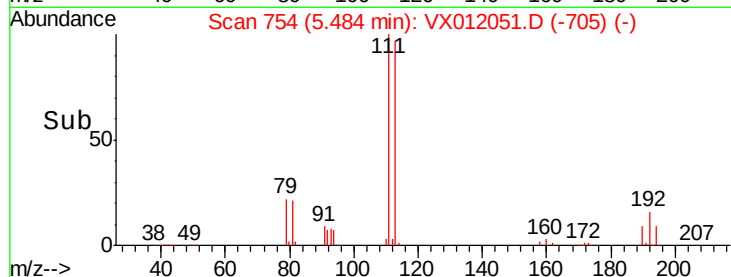
192 17.1 22.5 33.7#



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: 51.878 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012051.D

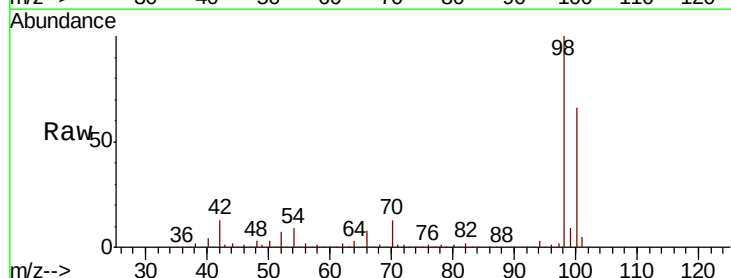
Acq: 04 Sep 2019 14:52

Tgt Ion: 98 Resp: 336944

Ion Ratio Lower Upper

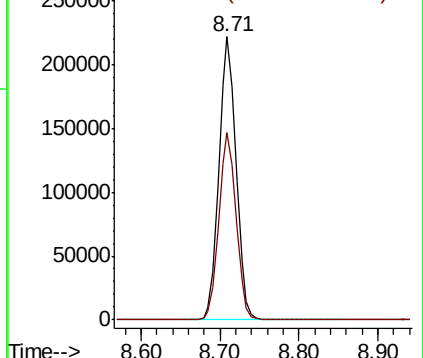
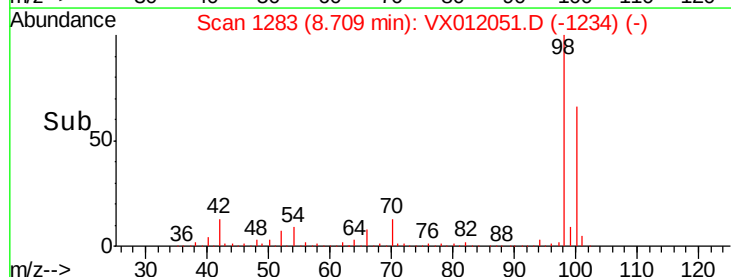
98 100

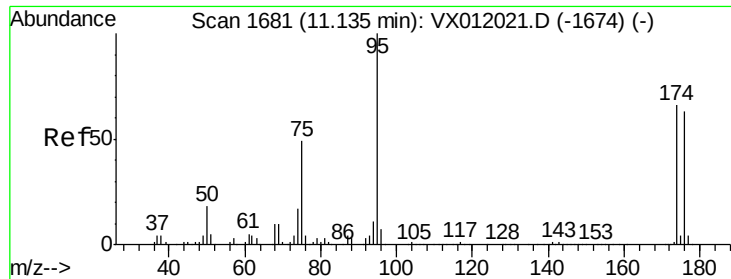
100 66.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

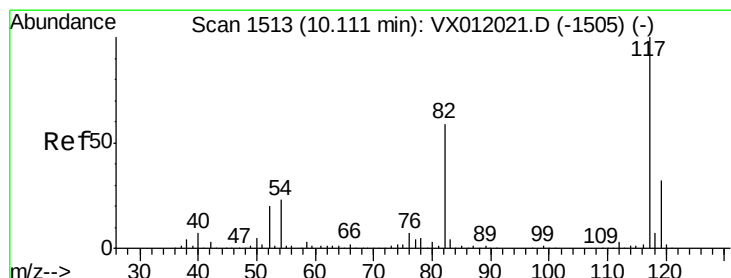
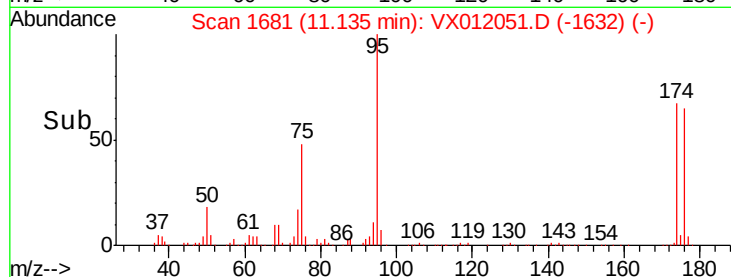
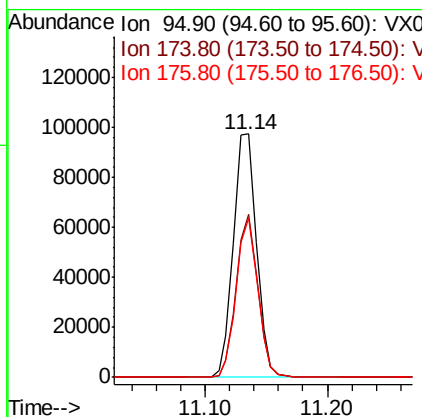
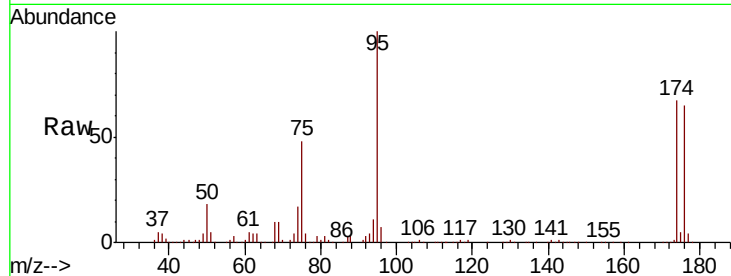




#62
4-Bromofluorobenzene
Concen: 42.226 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012051.D
Acq: 04 Sep 2019 14:52

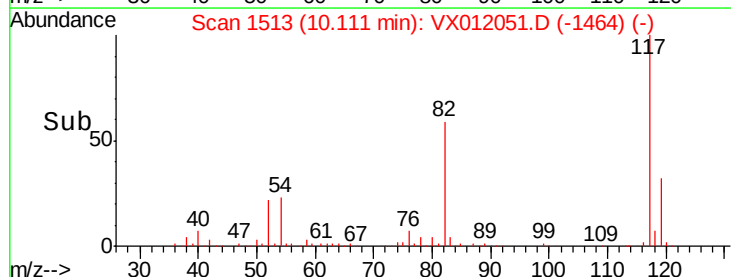
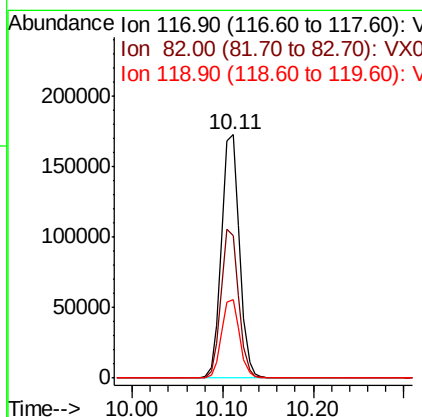
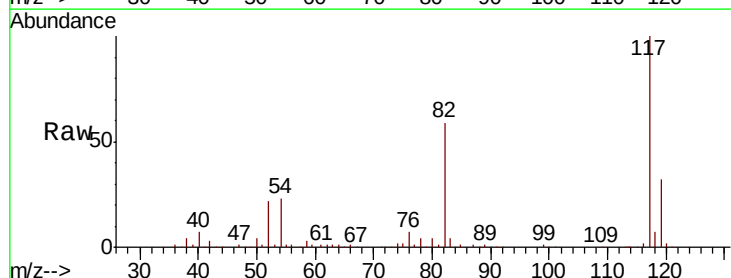
Instrument :
MSVOA_X
ClientSampleId :
TB-07-083019

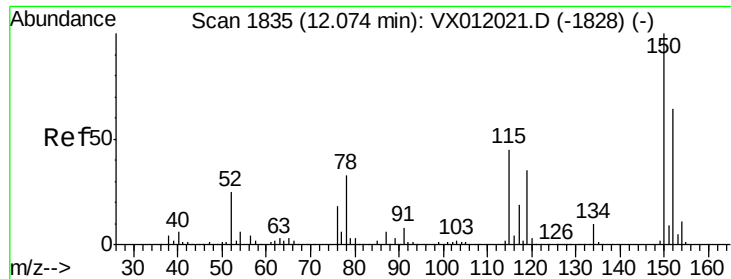
Tot Ion: 95 Resp: 127543
Ion Ratio Lower Upper
95 100
174 62.5 0.0 205.4
176 60.9 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012051.D
Acq: 04 Sep 2019 14:52

Tgt Ion: 117 Resp: 240737
Ion Ratio Lower Upper
117 100
82 58.7 39.4 59.0
119 32.1 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: VX012051.D
 Acq: 04 Sep 2019 14:52

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-07-083019

Tot Ion	Ratio	Lower	Upper
152	100		
115	67.8	36.4	109.3
150	162.7	0.0	341.2

