

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012233.D
 Acq On : 08 Sep 2019 19:56
 Operator : SY/SP
 Sample : K4622-18
 Misc : 5.78g/5.0mL/MSVOA X/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B4-(4)

Quant Time: Sep 09 03:31:42 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

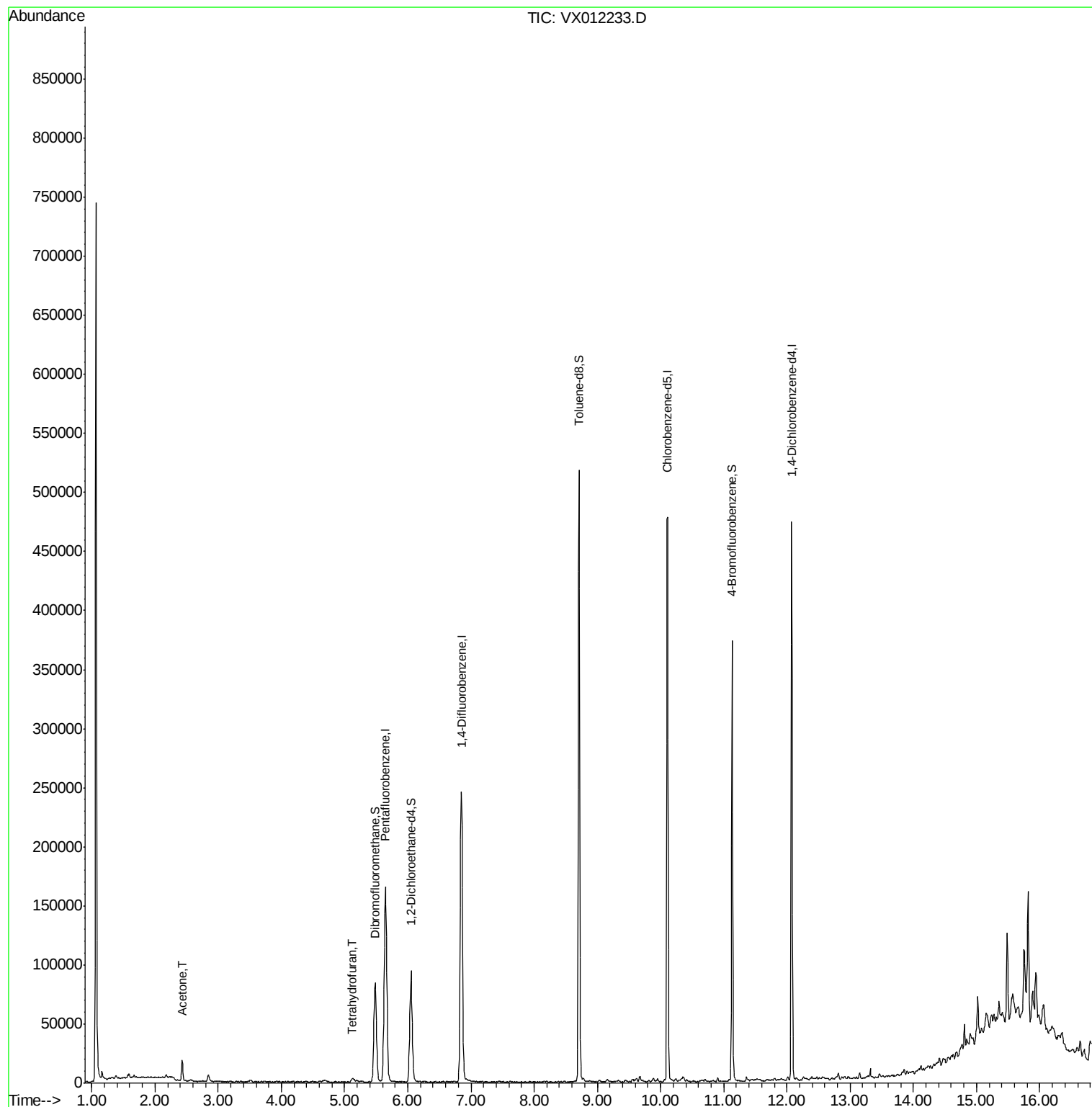
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	140815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	239451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	205528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	85741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	93353	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
35) Dibromofluoromethane	5.48	113	70744	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
50) Toluene-d8	8.71	98	281635	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.13	95	108157	43.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.08%	
Target Compounds						
16) Acetone	2.43	43	18979	40.867	ug/l	98
29) Tetrahydrofuran	5.13	42	3107	8.723	ug/l #	91

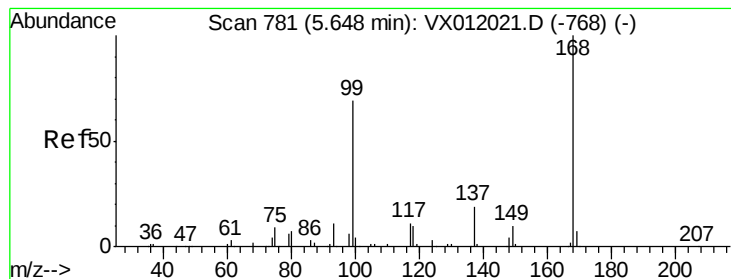
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012233.D

Acq: 08 Sep 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

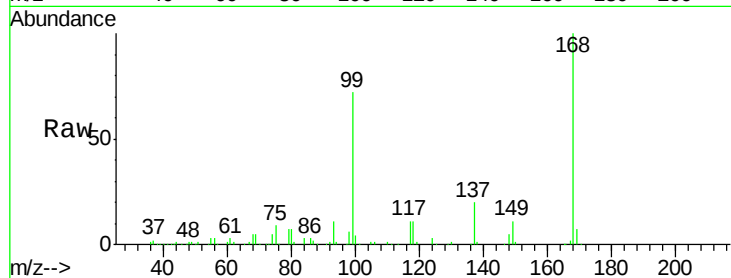
PAR-11-B4-(4)

Tot Ion:168 Resp: 140815

Ion Ratio Lower Upper

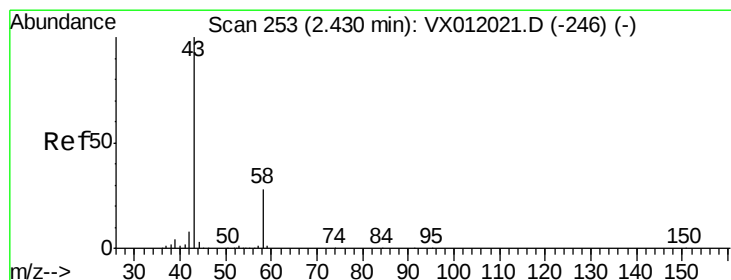
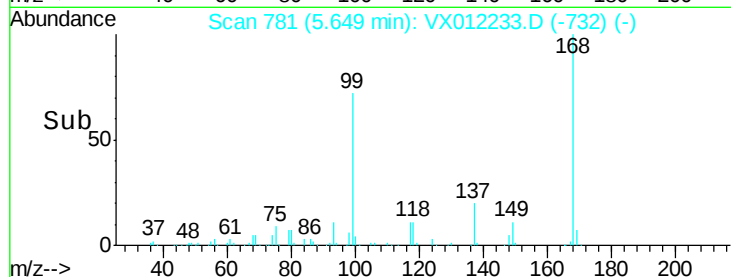
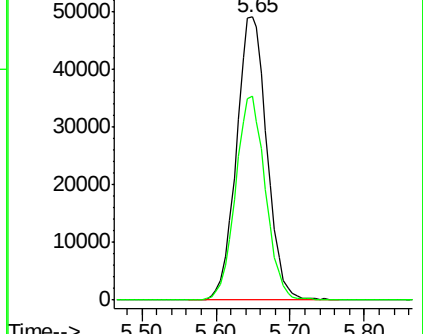
168 100

99 72.1 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: 40.867 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012233.D

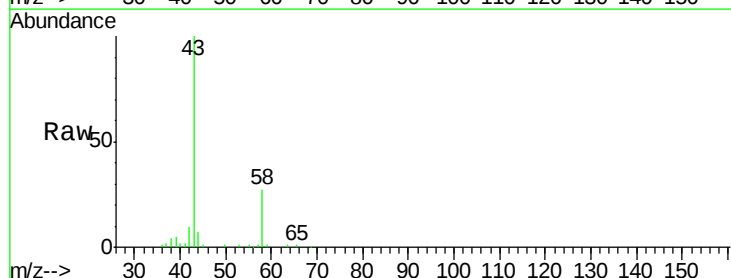
Acq: 08 Sep 2019 19:56

Tgt Ion: 43 Resp: 18979

Ion Ratio Lower Upper

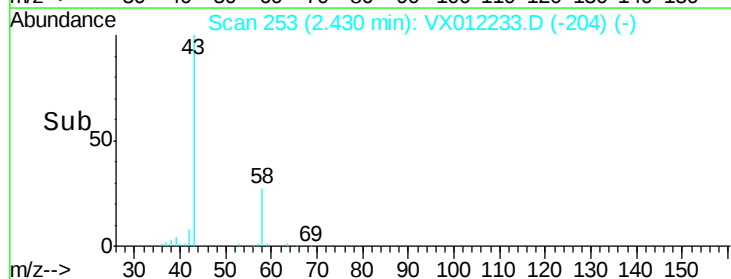
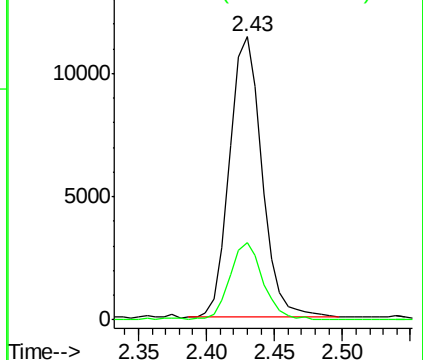
43 100

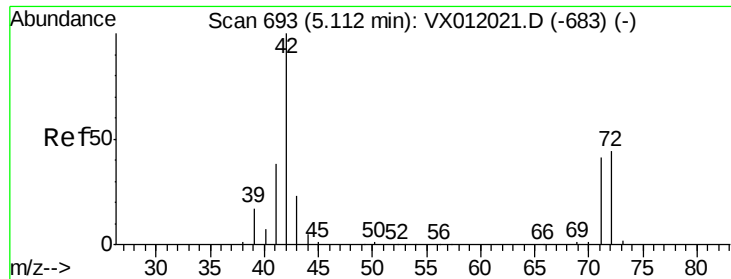
58 27.5 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

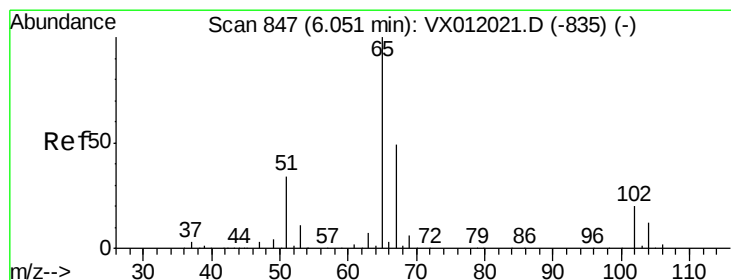
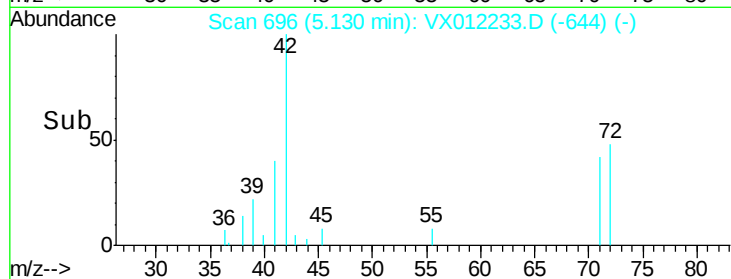
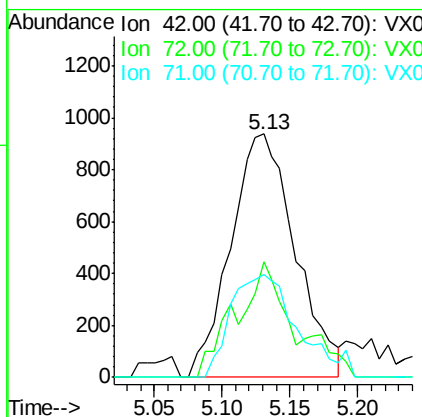
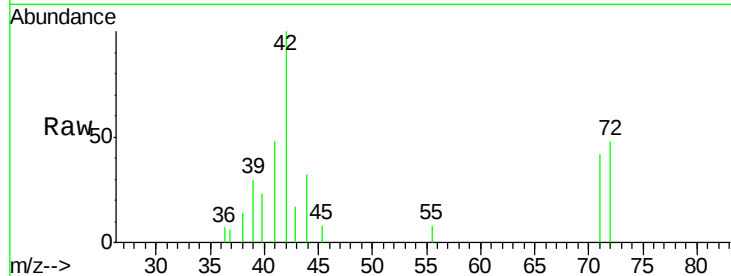




#29
Tetrahydrofuran
Concen: 8.723 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012233.D
Acq: 08 Sep 2019 19:56

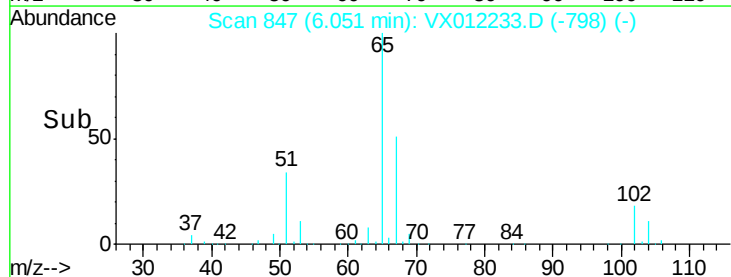
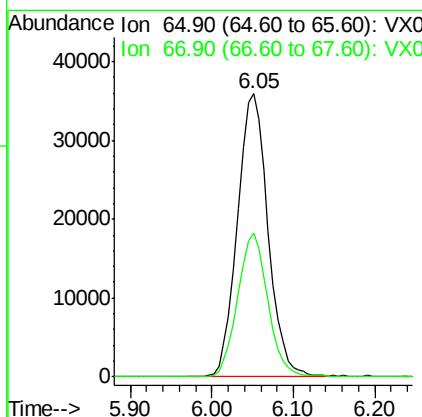
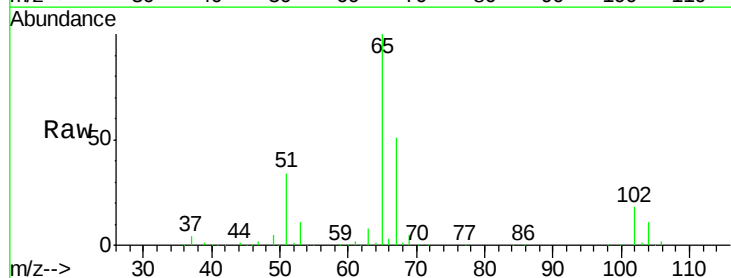
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B4-(4)

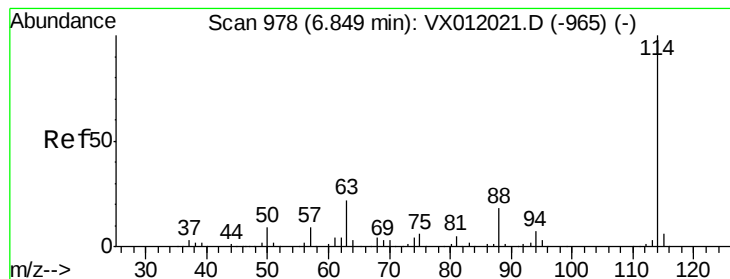
Tot Ion: 42 Resp: 3107
Ion Ratio Lower Upper
42 100
72 36.7 37.0 55.4#
71 43.8 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 48.047 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012233.D
Acq: 08 Sep 2019 19:56

Tgt Ion: 65 Resp: 93353
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX012233.D

Acq: 08 Sep 2019 19:56

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B4-(4)

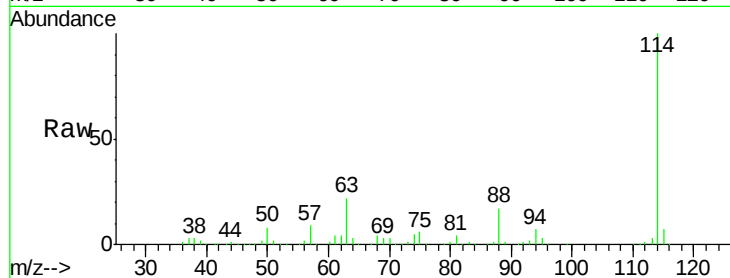
Tot Ion:114 Resp: 239451

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

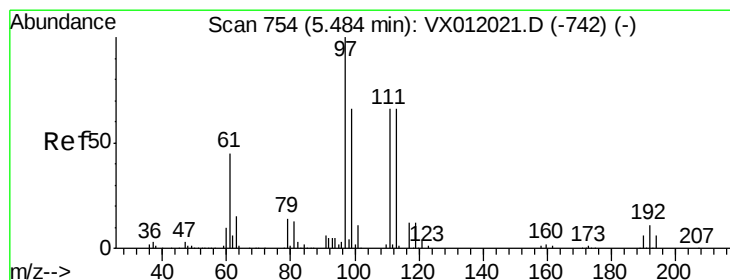
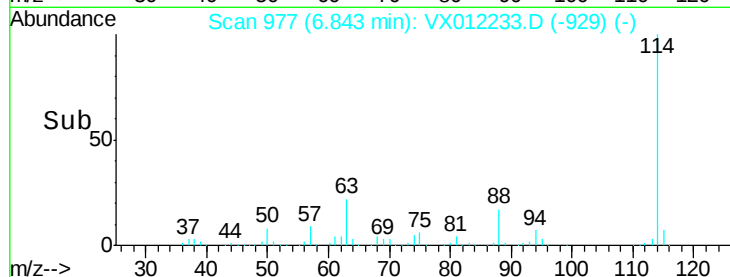
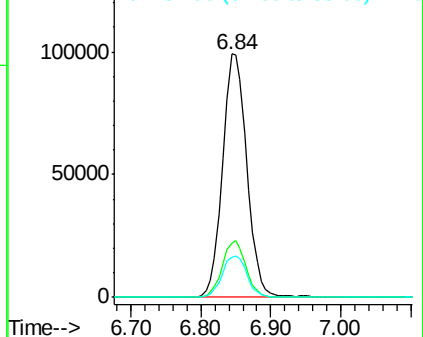
88 16.7 0.0 29.6



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: 48.042 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012233.D

Acq: 08 Sep 2019 19:56

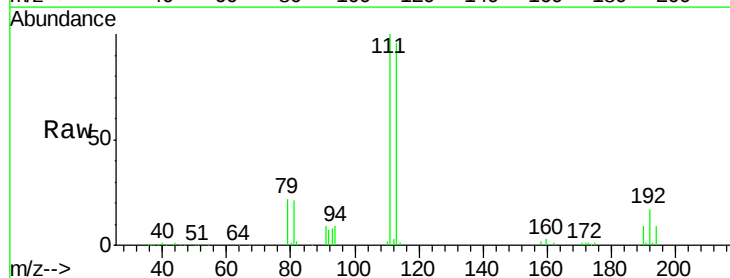
Tgt Ion:113 Resp: 70744

Ion Ratio Lower Upper

113 100

111 102.6 81.7 122.5

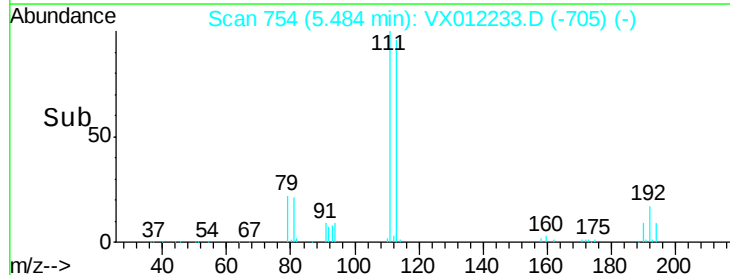
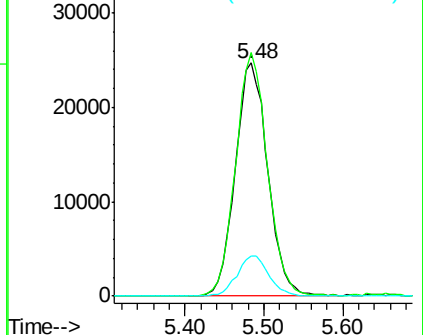
192 16.8 22.5 33.7#

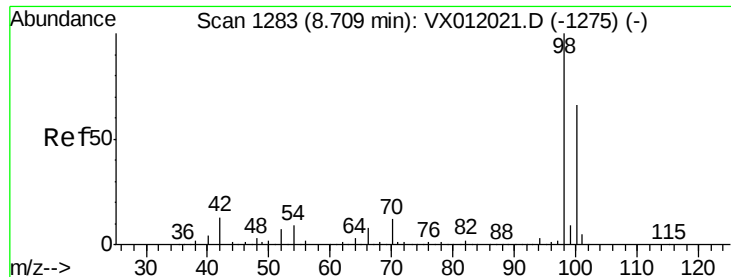


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

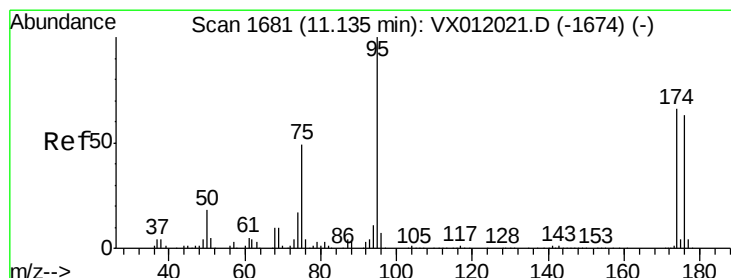
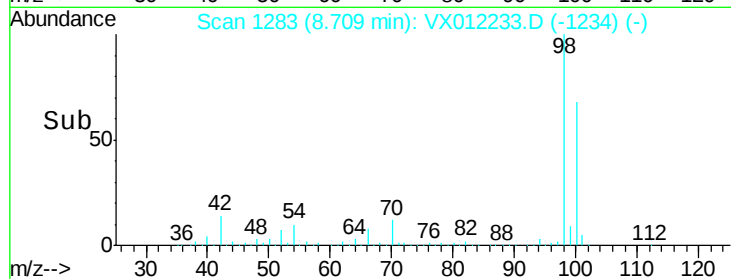
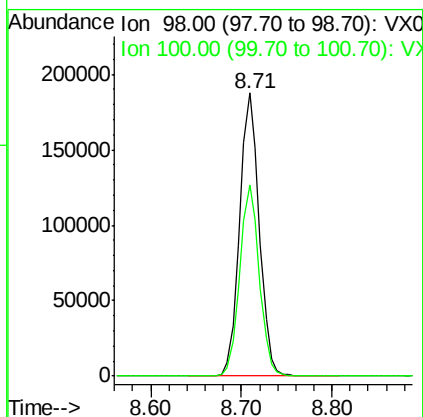
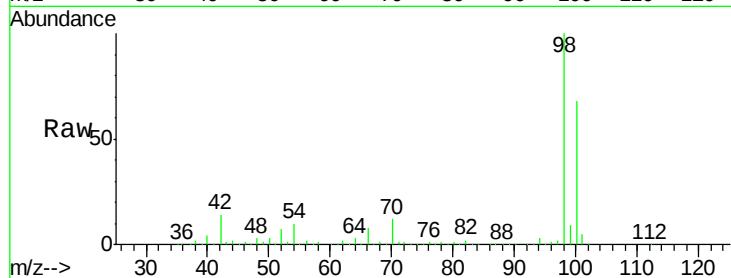




#50
Toluene-d8
Concen: 52.120 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012233.D
Acq: 08 Sep 2019 19:56

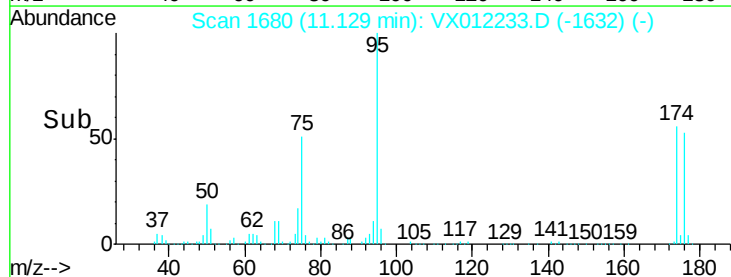
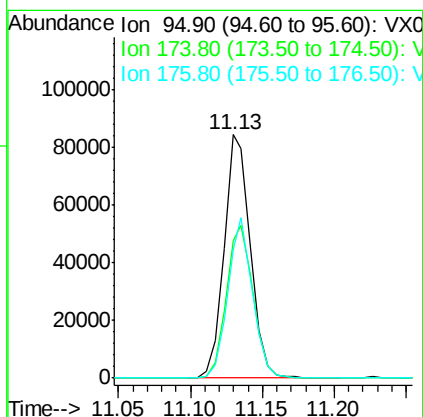
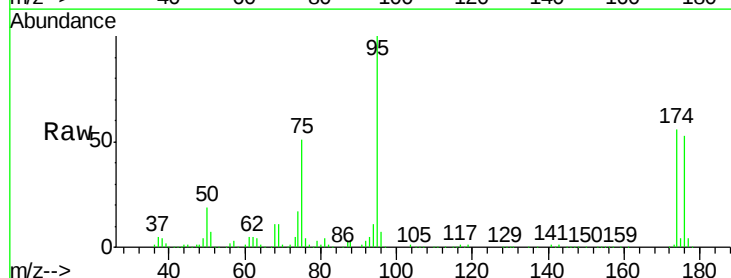
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B4-(4)

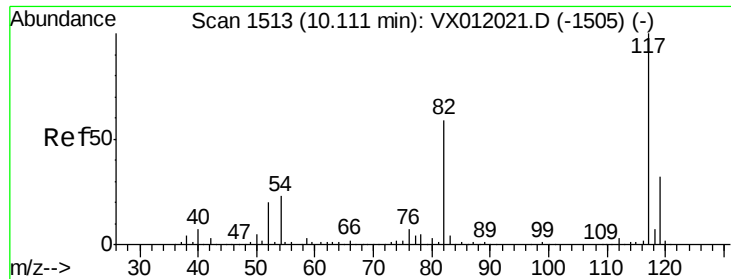
Tot Ion: 98 Resp: 281635
Ion Ratio Lower Upper
98 100
100 67.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.039 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012233.D
Acq: 08 Sep 2019 19:56

Tgt Ion: 95 Resp: 108157
Ion Ratio Lower Upper
95 100
174 64.0 0.0 205.4
176 62.2 0.0 201.8

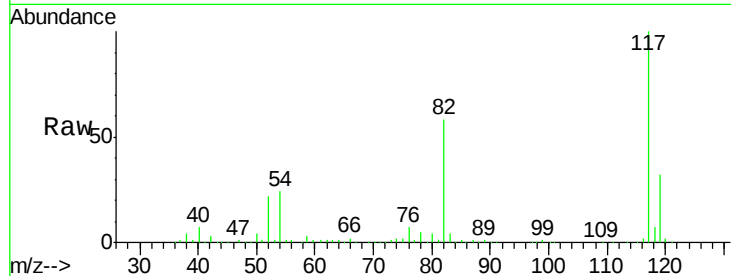




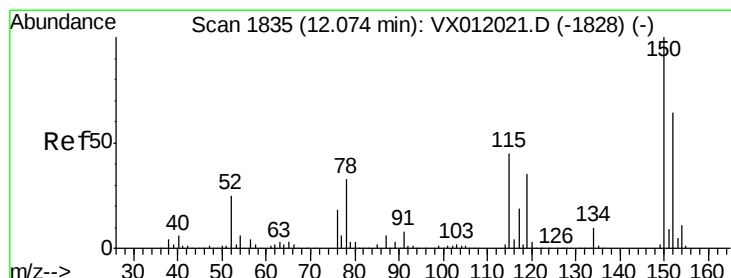
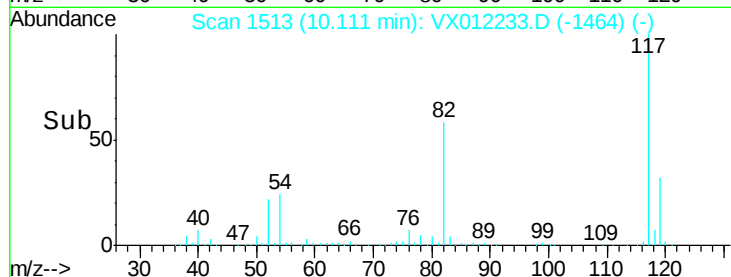
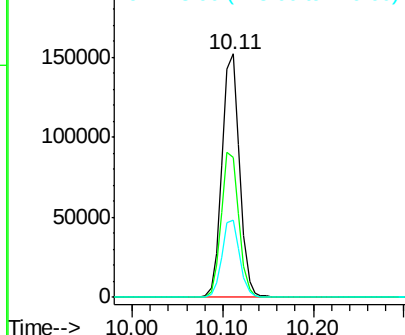
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012233.D
Acq: 08 Sep 2019 19:56

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B4-(4)

Tot Ion:117 Resp: 205528
Ion Ratio Lower Upper
117 100
82 57.6 39.4 59.0
119 31.9 26.1 39.1

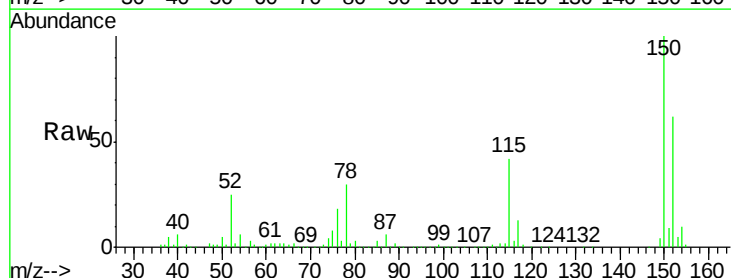


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012233.D
Acq: 08 Sep 2019 19:56

Tgt Ion:152 Resp: 85741
Ion Ratio Lower Upper
152 100
115 66.0 36.4 109.3
150 155.7 0.0 341.2



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

