

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012229.D
 Acq On : 08 Sep 2019 18:04
 Operator : SY/SP
 Sample : K4622-14
 Misc : 3.91g/5.0mL/MSVOA X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B4-(0)

Quant Time: Sep 09 03:24:34 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

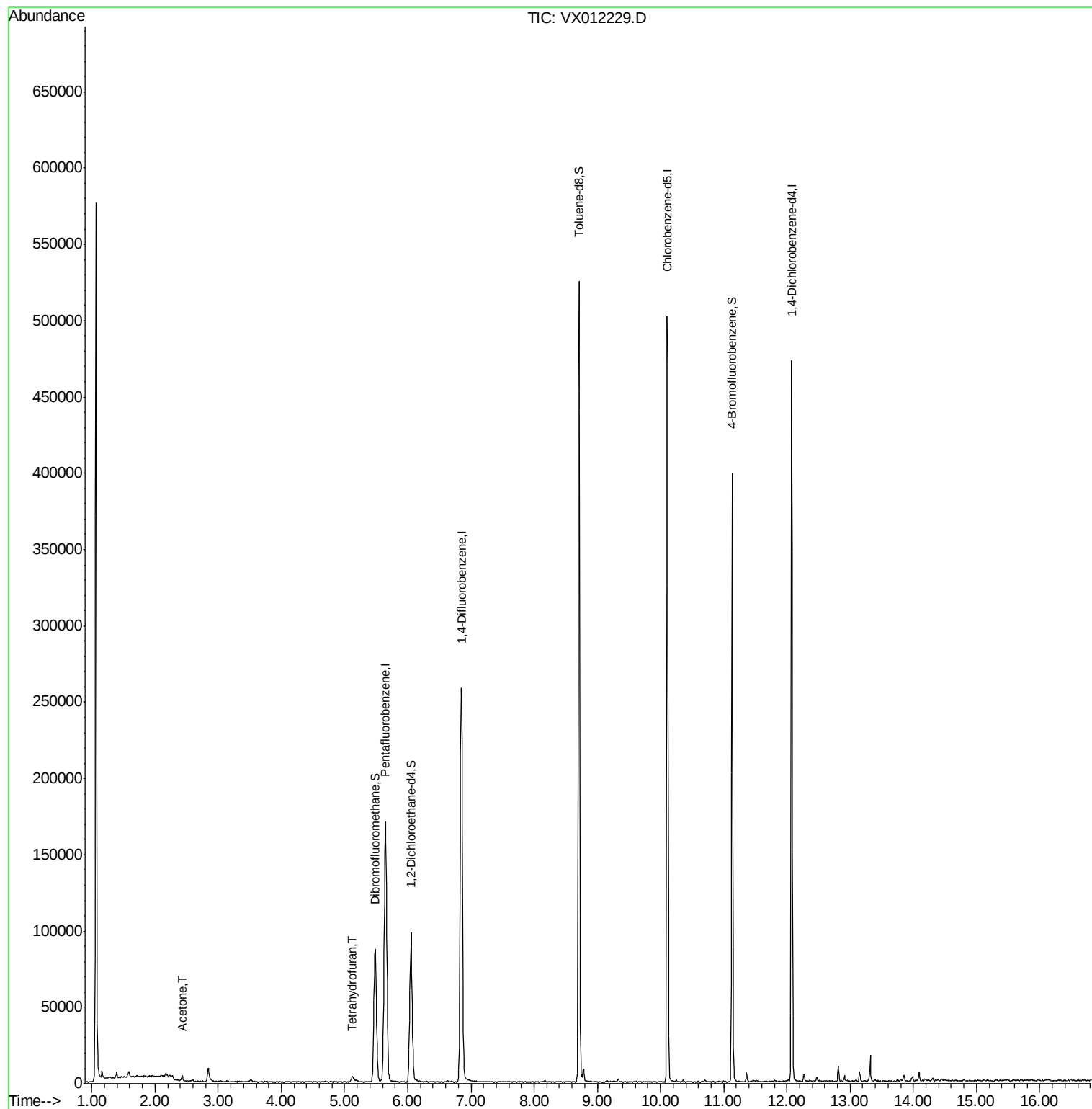
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	144585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	249149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	213830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	97239	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	5.48	113	74035	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	8.71	98	294116	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	11.14	95	109783	41.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.98%	
Target Compounds						
16) Acetone	2.43	43	3806	7.982	ug/l #	89
29) Tetrahydrofuran	5.12	42	3619	9.896	ug/l	98

(#) = 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: VX012229.D

Acq: 08 Sep 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

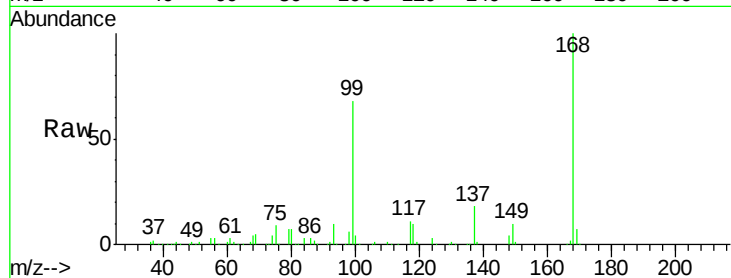
PAR-11-B4-(0)

Tot Ion:168 Resp: 144585

Ion Ratio Lower Upper

168 100

99 67.4 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

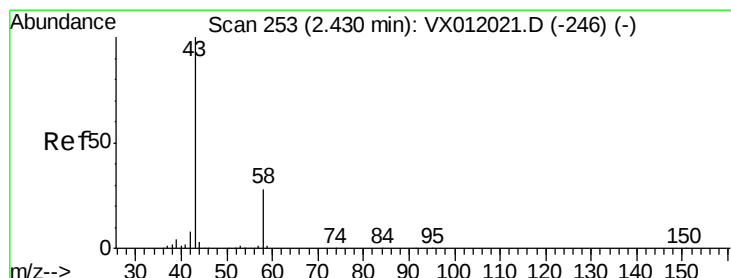
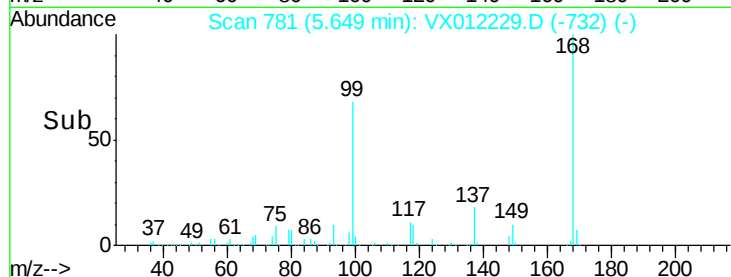
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#16

Acetone

Concen: 7.982 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012229.D

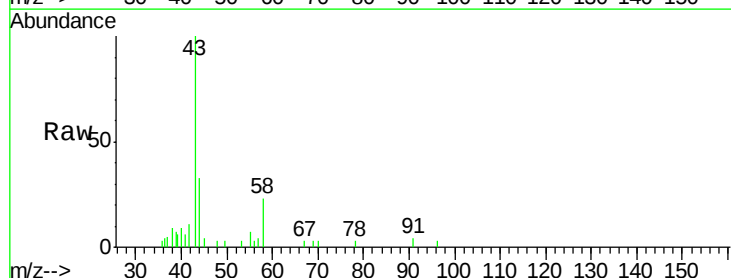
Acq: 08 Sep 2019 18:04

Tgt Ion: 43 Resp: 3806

Ion Ratio Lower Upper

43 100

58 22.6 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

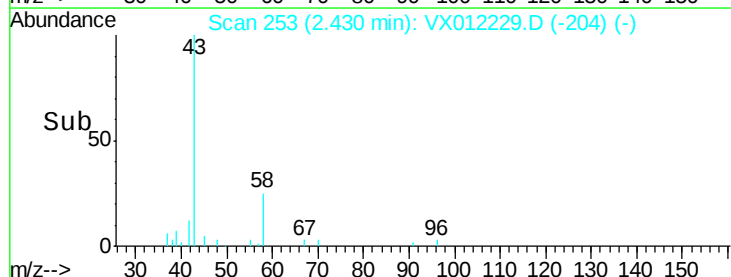
1500

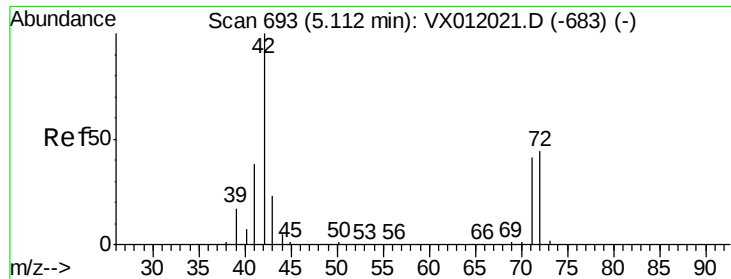
1000

500

0

Time--> 2.35 2.40 2.45 2.50

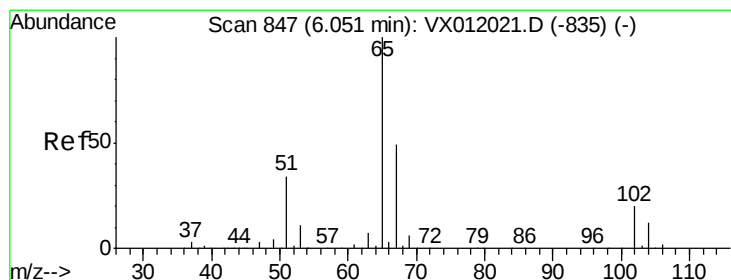
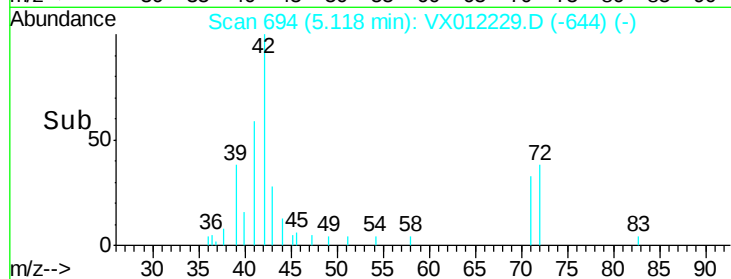
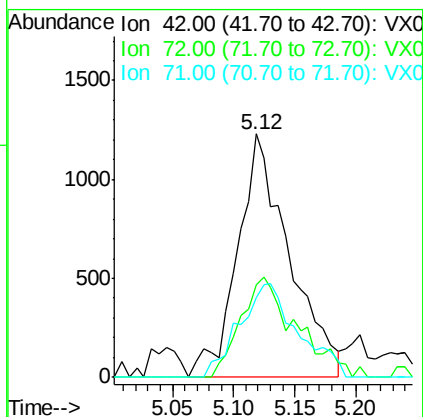
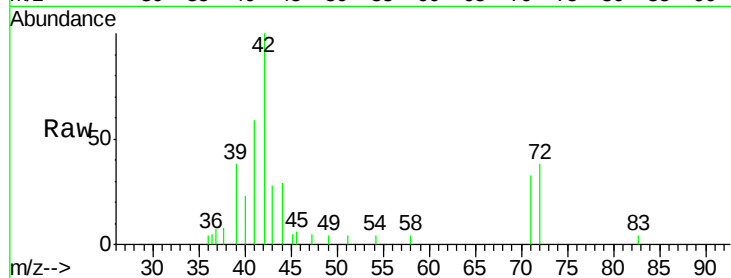




#29
Tetrahydrofuran
Concen: 9.896 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012229.D
Acq: 08 Sep 2019 18:04

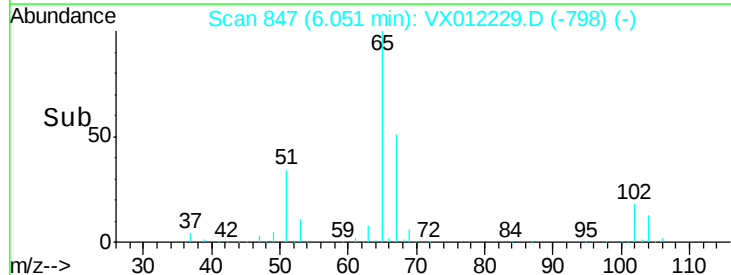
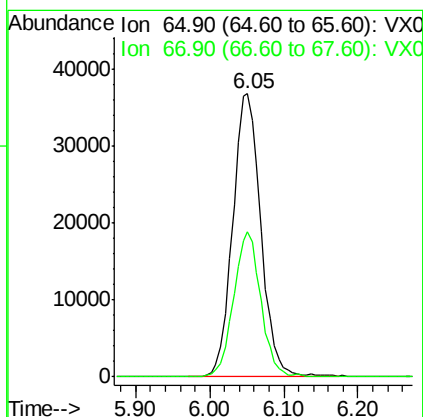
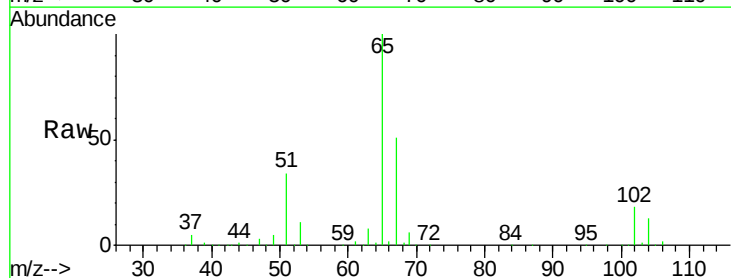
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B4-(0)

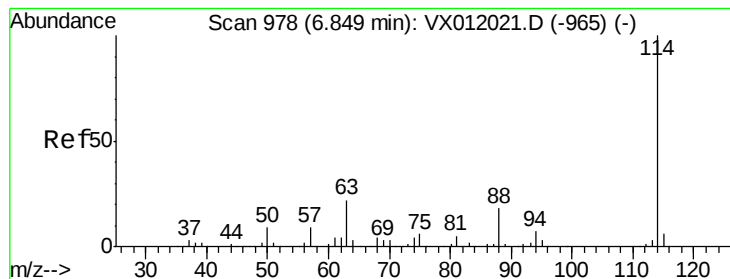
Tot Ion: 42 Resp: 3619
Ion Ratio Lower Upper
42 100
72 44.8 37.0 55.4
71 43.5 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 48.742 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012229.D
Acq: 08 Sep 2019 18:04

Tgt Ion: 65 Resp: 97239
Ion Ratio Lower Upper
65 100
67 49.6 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: VX012229.D

Acq: 08 Sep 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B4-(0)

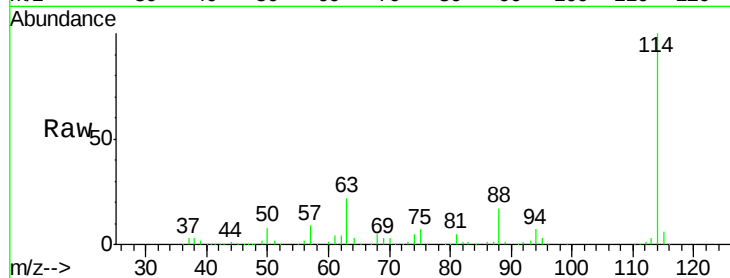
Tot Ion:114 Resp: 249149

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.4

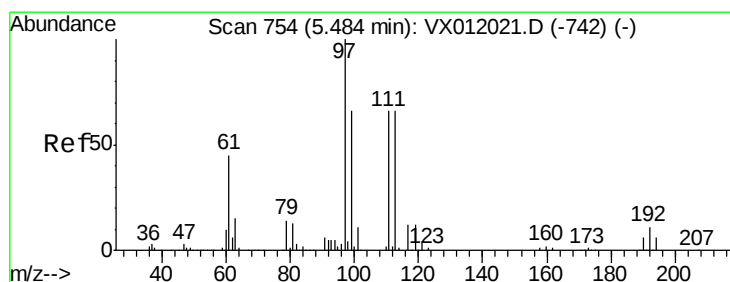
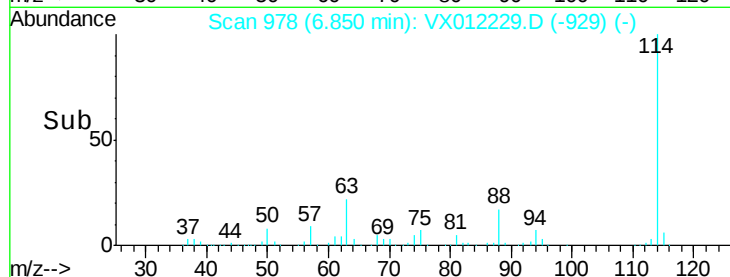
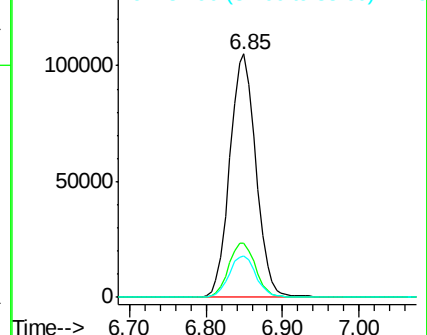
88 17.1 0.0 29.6



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: 48.320 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012229.D

Acq: 08 Sep 2019 18:04

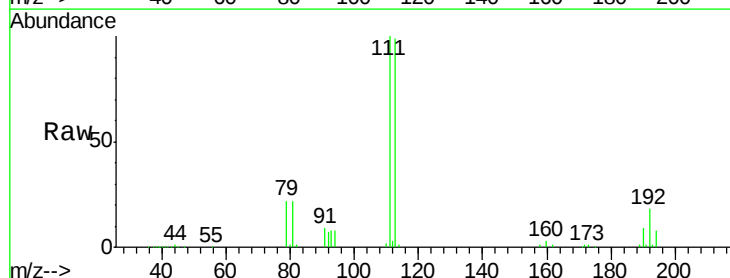
Tgt Ion:113 Resp: 74035

Ion Ratio Lower Upper

113 100

111 103.4 81.7 122.5

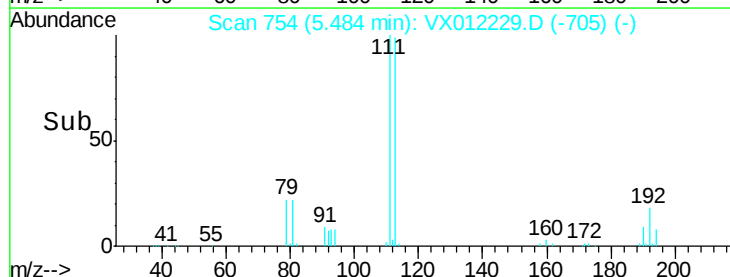
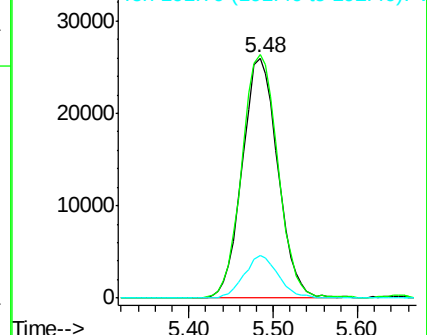
192 17.1 22.5 33.7#

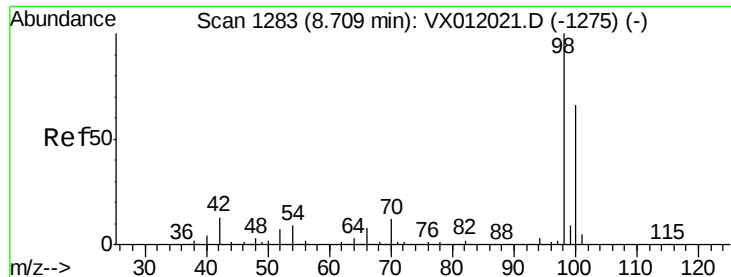


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

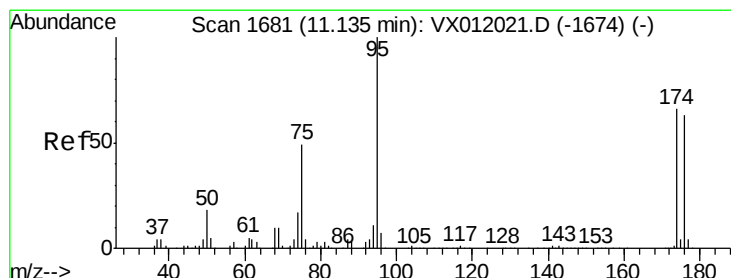
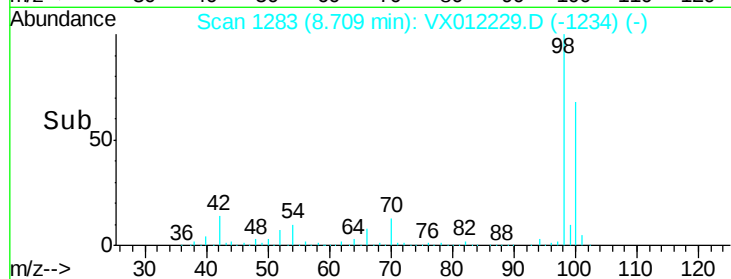
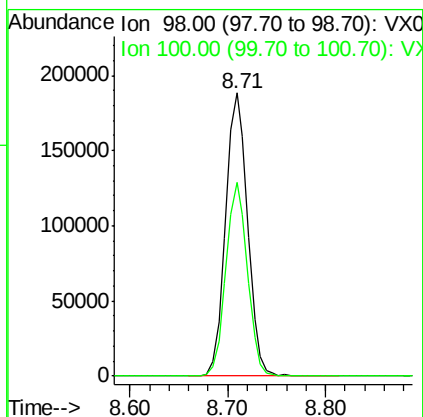
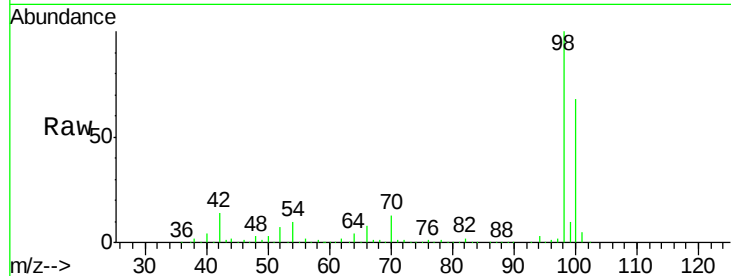




#50
Toluene-d8
Concen: 52.311 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012229.D
Acq: 08 Sep 2019 18:04

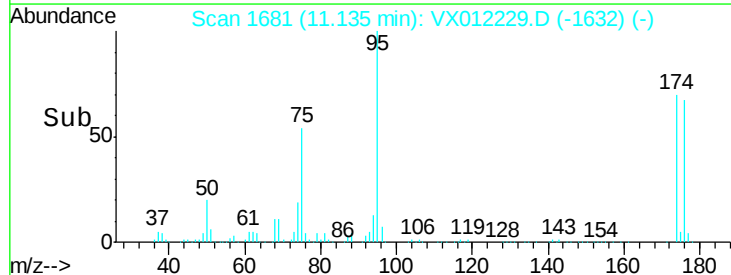
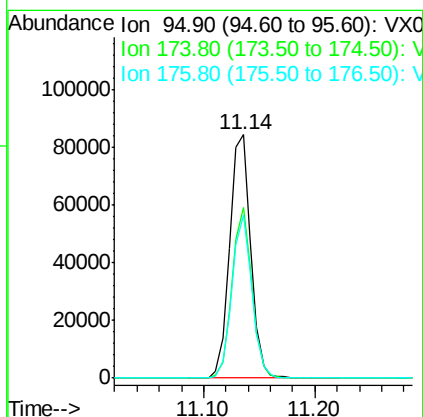
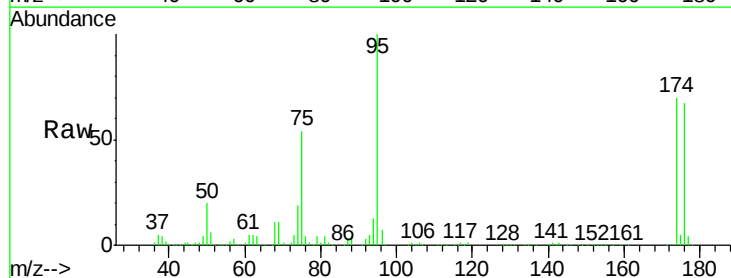
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B4-(0)

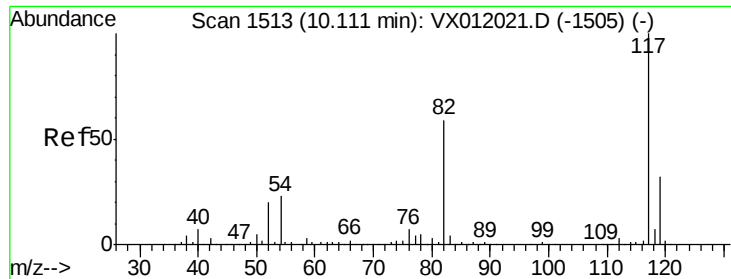
Tot Ion: 98 Resp: 294116
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 41.986 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012229.D
Acq: 08 Sep 2019 18:04

Tgt Ion: 95 Resp: 109783
Ion Ratio Lower Upper
95 100
174 66.3 0.0 205.4
176 64.0 0.0 201.8

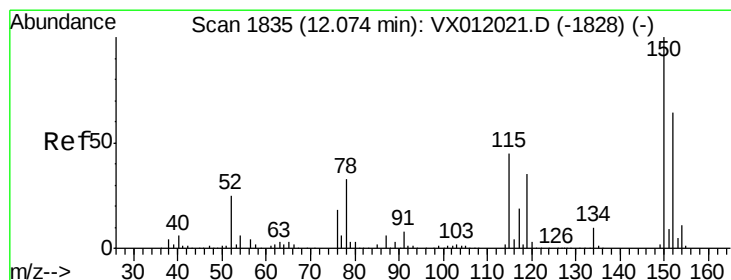
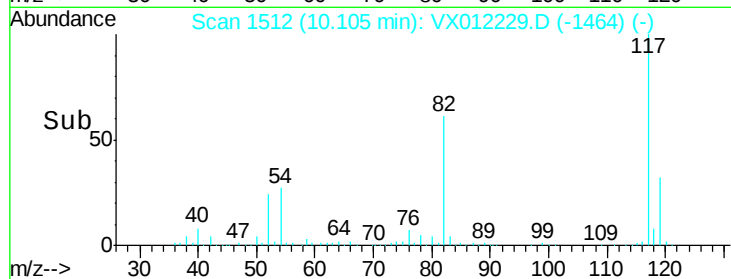
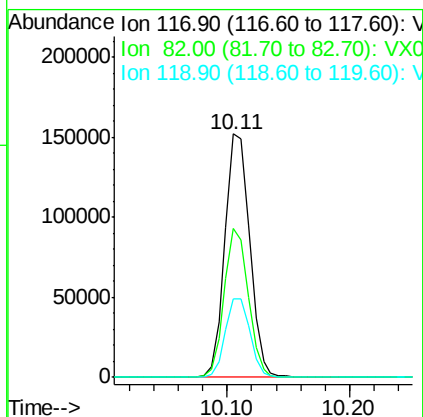
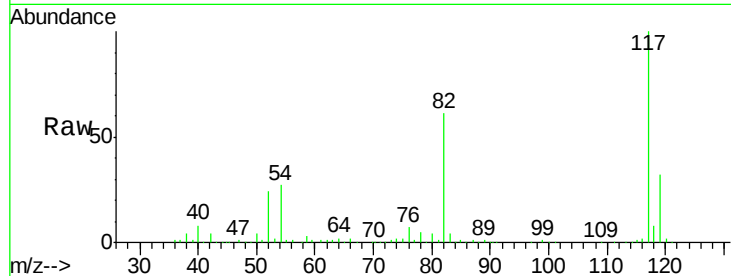




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012229.D
Acq: 08 Sep 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B4-(0)

Tot Ion:117 Resp: 213830
Ion Ratio Lower Upper
117 100
82 61.3 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: VX012229.D
Acq: 08 Sep 2019 18:04

Tgt Ion:152 Resp: 88395
Ion Ratio Lower Upper
152 100
115 65.6 36.4 109.3
150 158.7 0.0 341.2

