

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012231.D
 Acq On : 08 Sep 2019 19:00
 Operator : SY/SP
 Sample : K4622-16
 Misc : 6.08g/5.0mL/MSVOA X/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B2-(4)

Quant Time: Sep 09 03:28:36 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

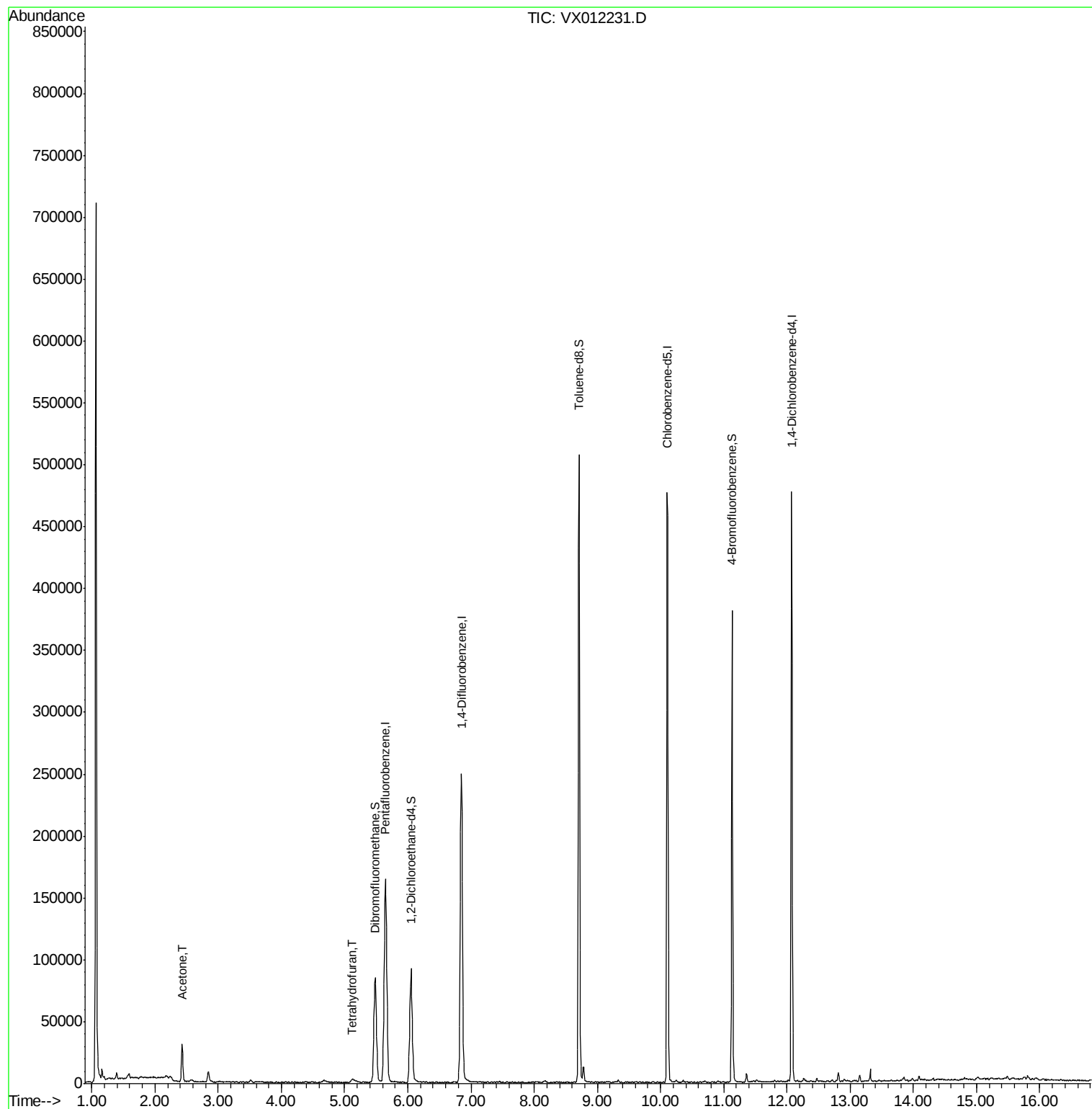
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	140121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	239157	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	204325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	93021	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
35) Dibromofluoromethane	5.48	113	70688	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	8.71	98	281773	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.14	95	108406	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
Target Compounds						
16) Acetone	2.43	43	32325	69.949	ug/l	98
29) Tetrahydrofuran	5.12	42	2943	8.304	ug/l #	58

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090819\
Data File : VX012231.D
Acq On : 08 Sep 2019 19:00
Operator : SY/SP
Sample : K4622-16
Misc : 6.08g/5.0mL/MSVOA X/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B2-(4)

Quant Time: Sep 09 03:28:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
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: VX012231.D

Acq: 08 Sep 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

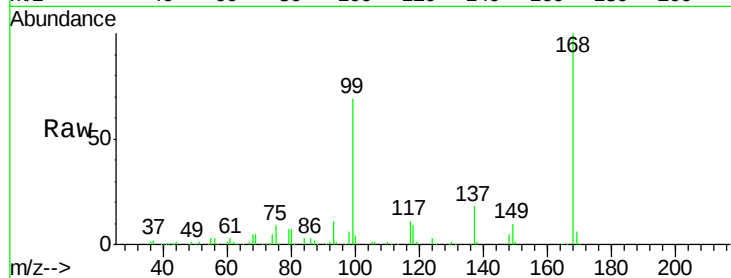
PAR-11-B2-(4)

Tot Ion:168 Resp: 140121

Ion Ratio Lower Upper

168 100

99 69.1 37.6 56.4#



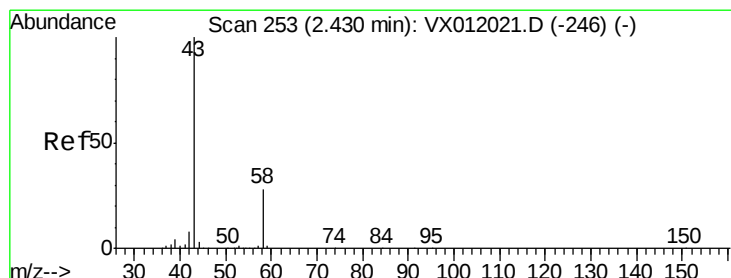
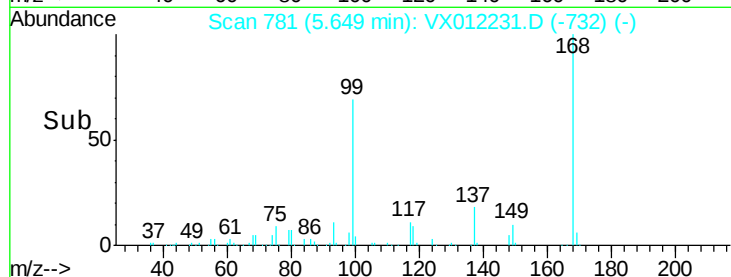
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 69.949 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012231.D

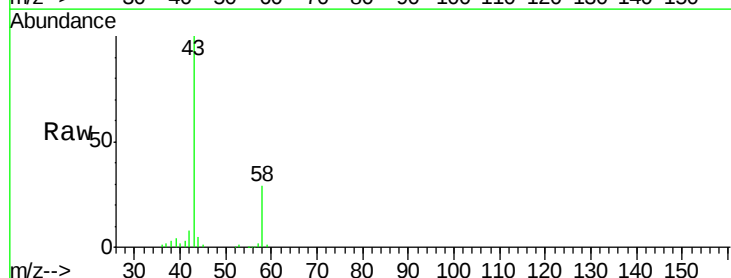
Acq: 08 Sep 2019 19:00

Tgt Ion: 43 Resp: 32325

Ion Ratio Lower Upper

43 100

58 29.5 22.8 34.2



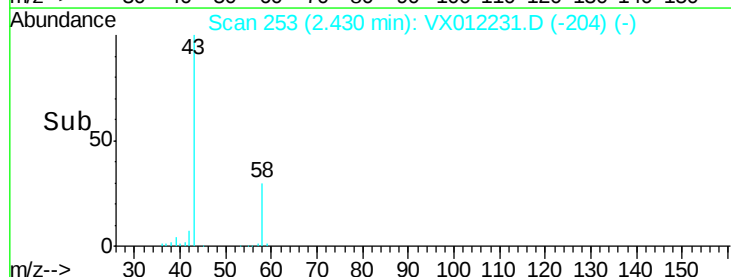
Abundance Ion 43.00 (42.70 to 43.70): VX0

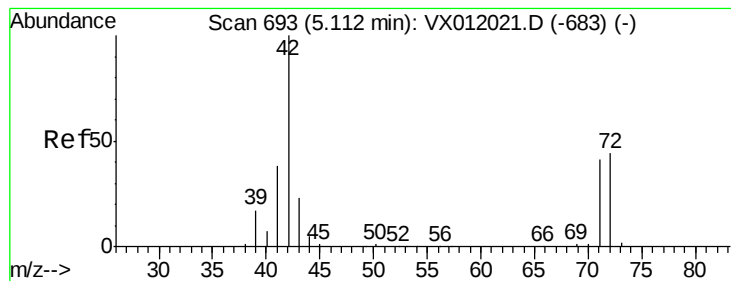
Ion 58.00 (57.70 to 58.70): VX0

2.43

Time-->

2.35 2.40 2.45 2.50





#29

Tetrahydrofuran

Concen: 8.304 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012231.D

Acq: 08 Sep 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B2-(4)

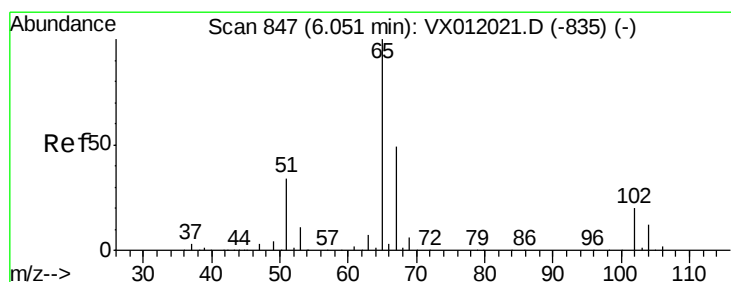
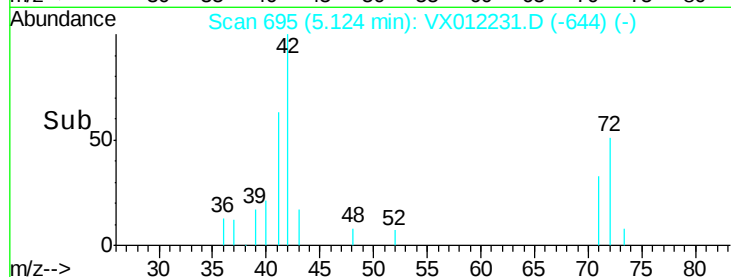
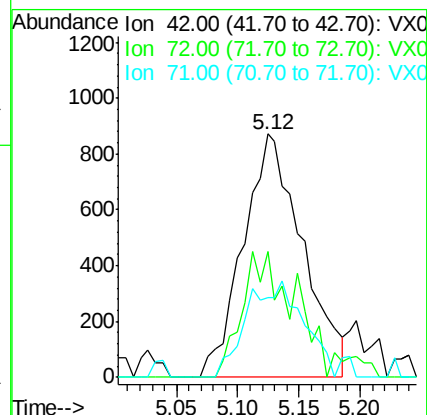
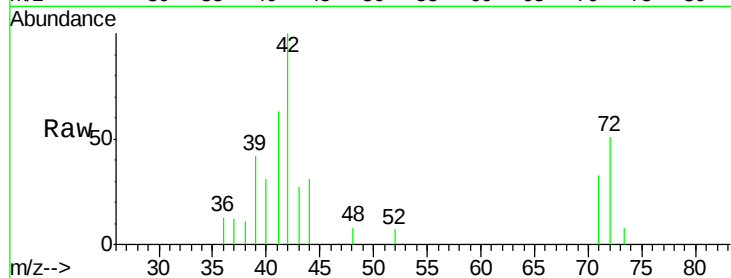
Tot Ion: 42 Resp: 2943

Ion Ratio Lower Upper

42 100

72 33.5 37.0 55.4#

71 0.0 33.8 50.8#



#33

1,2-Dichloroethane-d4

Concen: 48.113 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012231.D

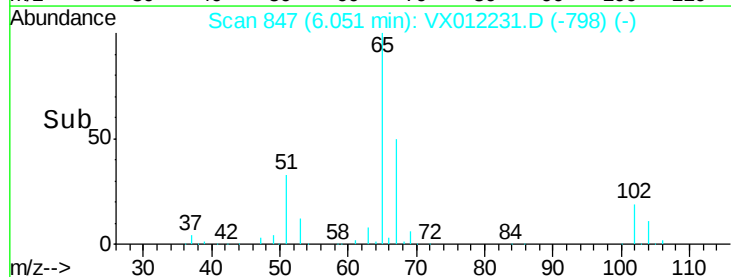
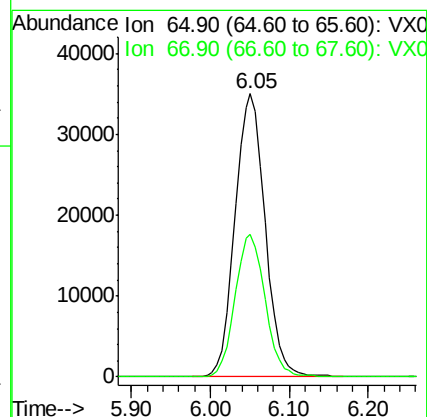
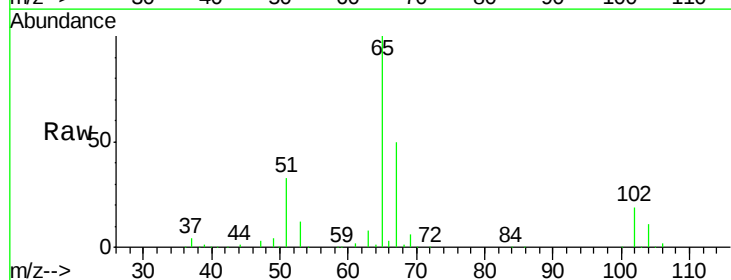
Acq: 08 Sep 2019 19:00

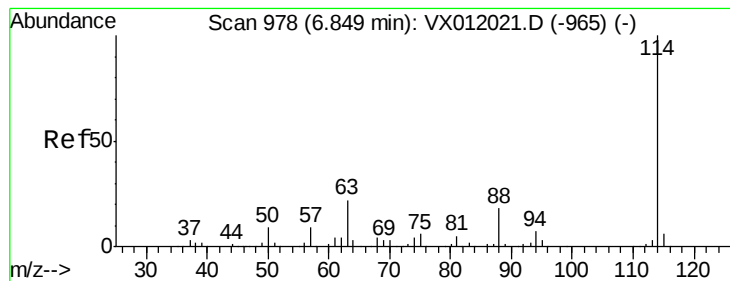
Tgt Ion: 65 Resp: 93021

Ion Ratio Lower Upper

65 100

67 50.3 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: VX012231.D

Acq: 08 Sep 2019 19:00

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B2-(4)

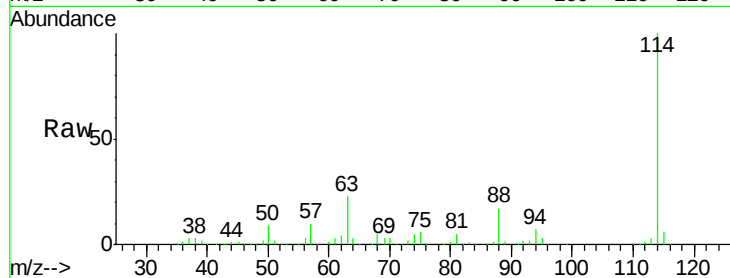
Tot Ion:114 Resp: 239157

Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.4

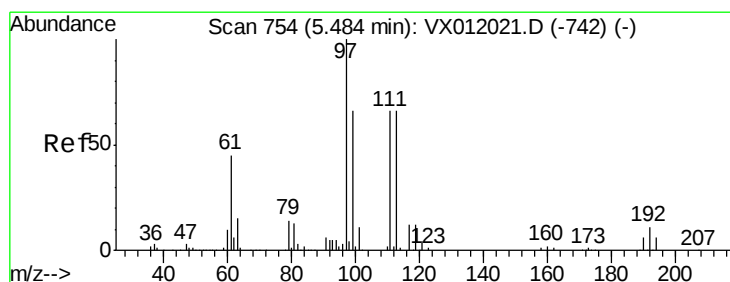
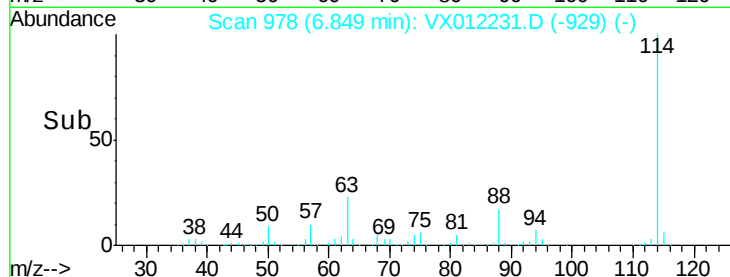
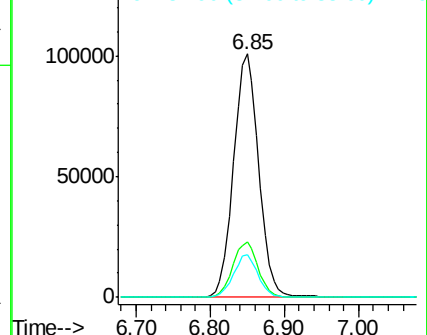
88 17.4 0.0 29.6



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: 48.063 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012231.D

Acq: 08 Sep 2019 19:00

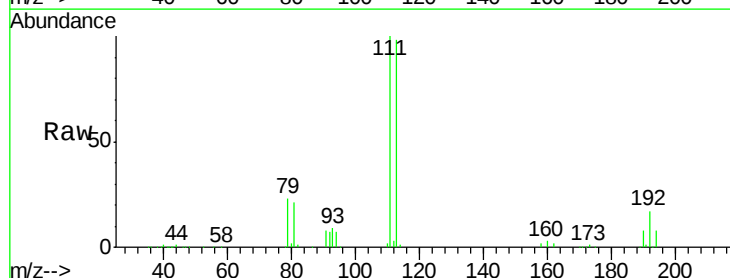
Tgt Ion:113 Resp: 70688

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

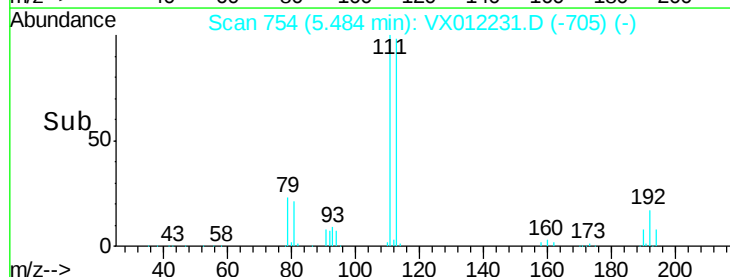
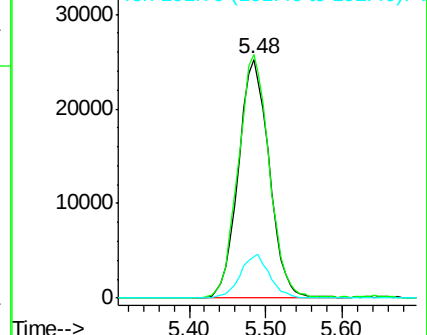
192 17.4 22.5 33.7#

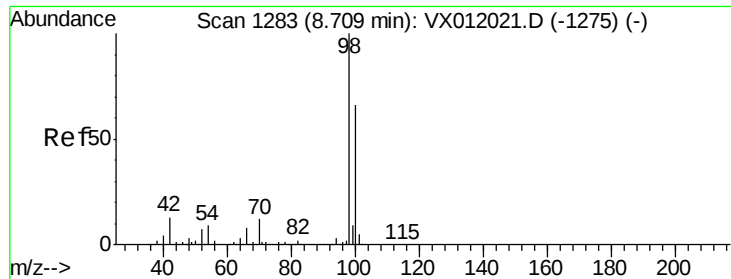


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

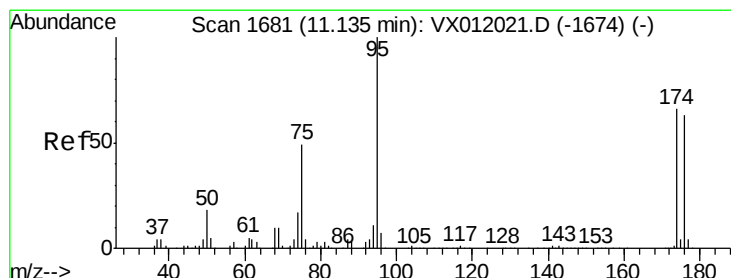
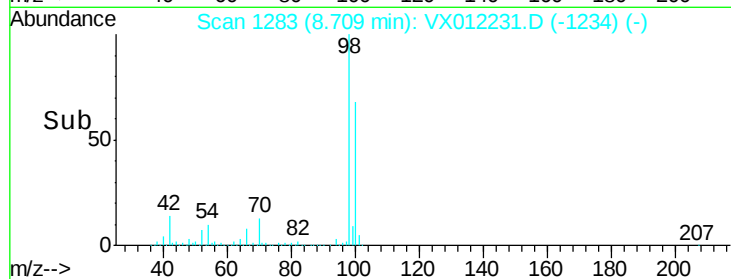
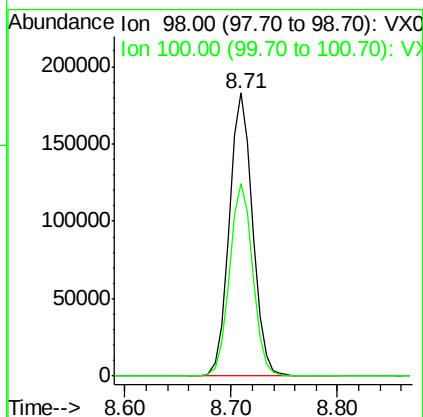
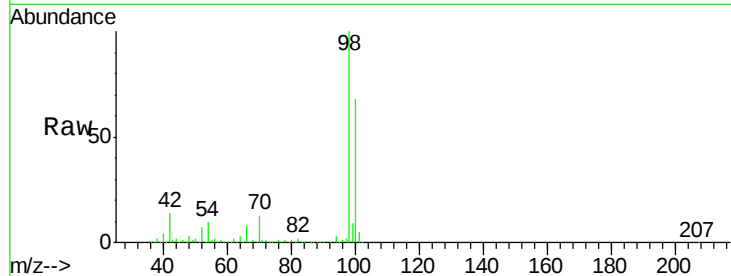




#50
Toluene-d8
Concen: 52.209 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012231.D
Acq: 08 Sep 2019 19:00

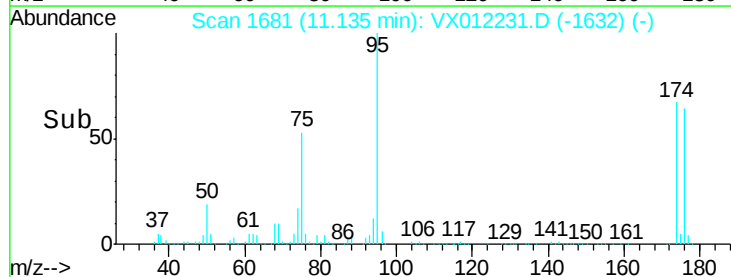
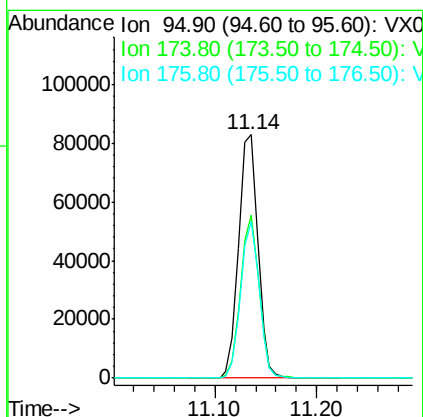
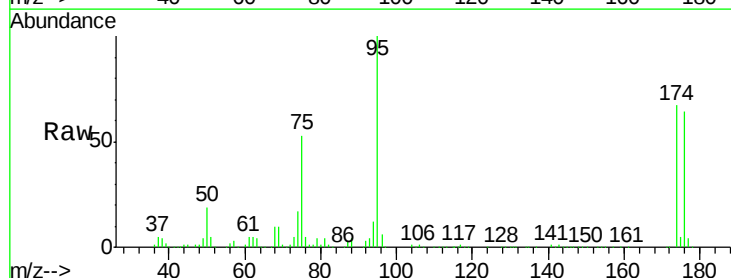
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B2-(4)

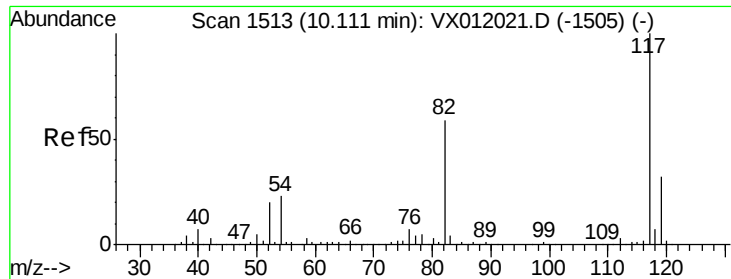
Tot Ion: 98 Resp: 281773
Ion Ratio Lower Upper
98 100
100 67.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.191 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012231.D
Acq: 08 Sep 2019 19:00

Tgt Ion: 95 Resp: 108406
Ion Ratio Lower Upper
95 100
174 64.0 0.0 205.4
176 61.7 0.0 201.8

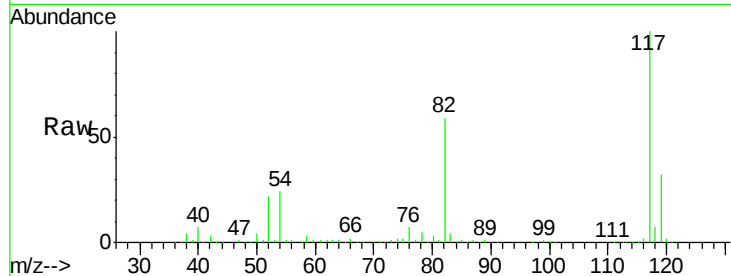




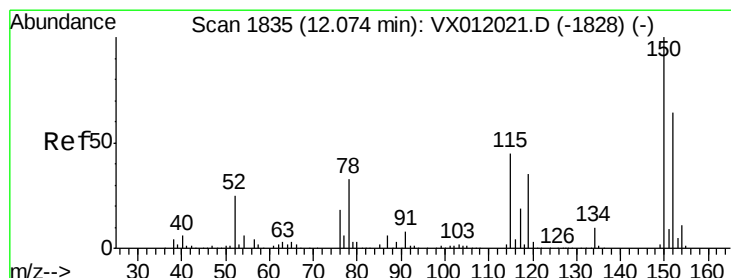
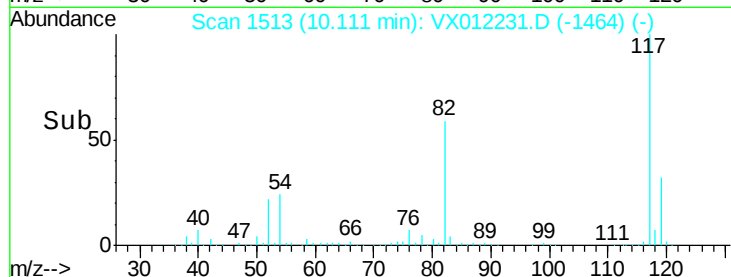
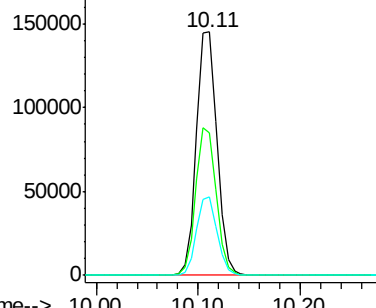
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012231.D
Acq: 08 Sep 2019 19:00

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B2-(4)

Tot Ion:117 Resp: 204325
Ion Ratio Lower Upper
117 100
82 58.5 39.4 59.0
119 32.0 26.1 39.1

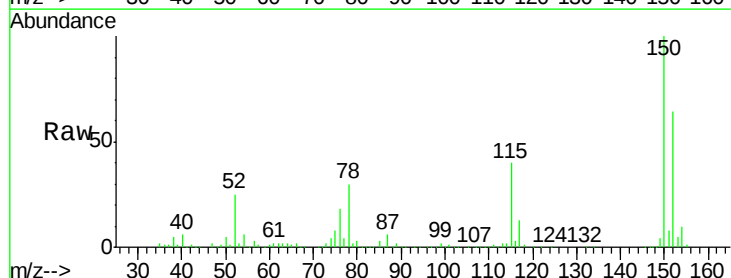


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012231.D
Acq: 08 Sep 2019 19:00

Tgt Ion:152 Resp: 86500
Ion Ratio Lower Upper
152 100
115 66.1 36.4 109.3
150 158.2 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

