

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090819\
 Data File : VX012228.D
 Acq On : 08 Sep 2019 17:36
 Operator : SY/SP
 Sample : K4622-13
 Misc : 6.24g/5.0mL/MSVOA X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-B3-(0)

Quant Time: Sep 09 03:19:43 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

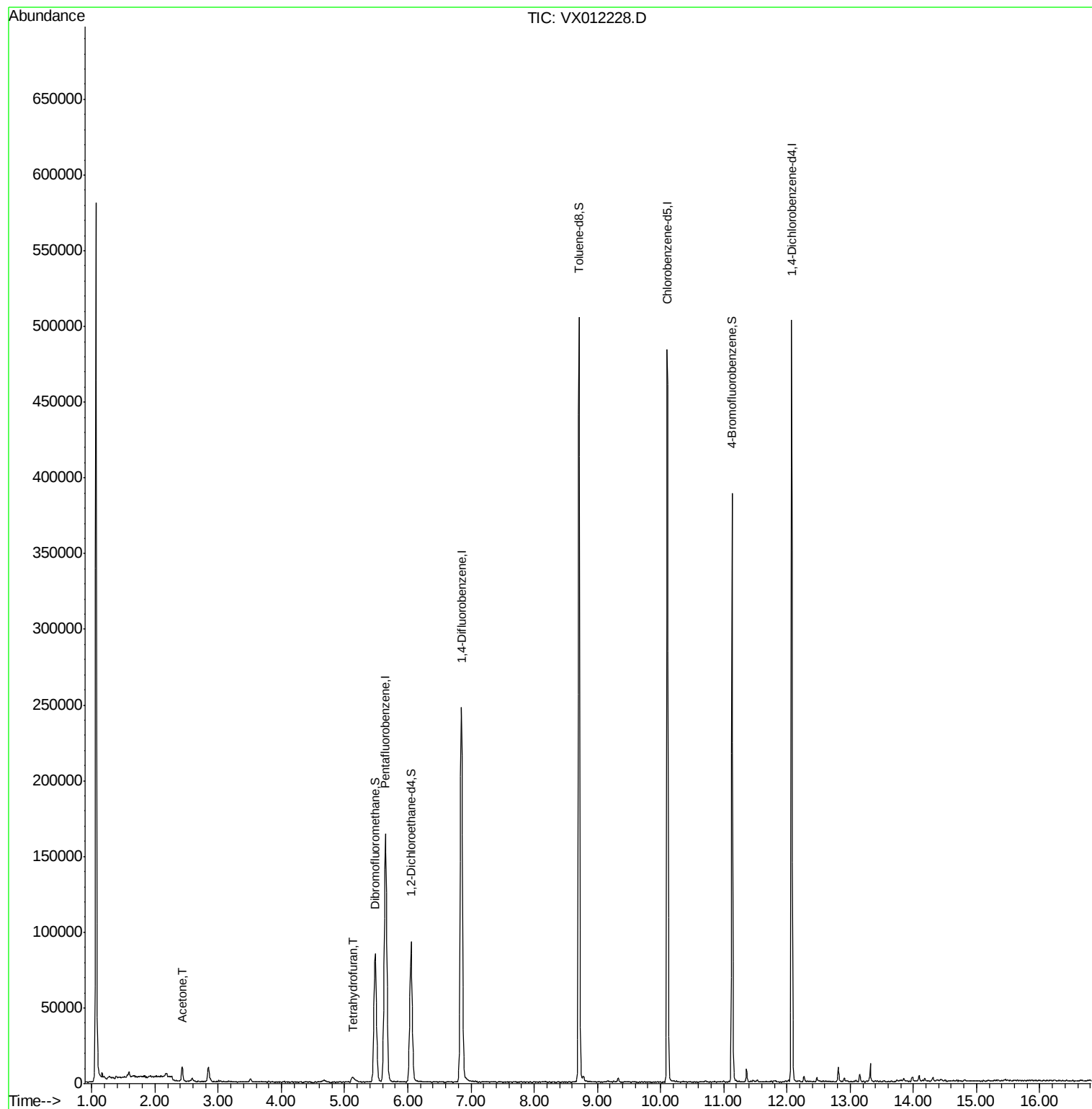
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	137797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	238085	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	208648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	91085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	93272	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	5.48	113	71073	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
50) Toluene-d8	8.71	98	285093	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	11.13	95	112376	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.94%	
Target Compounds						
16) Acetone	2.42	43	10304	22.673	ug/l	97
29) Tetrahydrofuran	5.12	42	3697	10.607	ug/l	93

(#) = 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: VX012228.D

Acq: 08 Sep 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

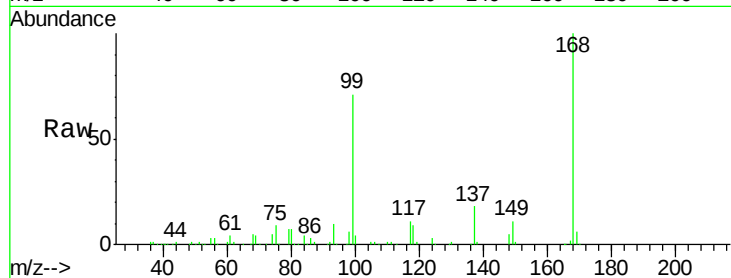
PAR-11-B3-(0)

Tot Ion:168 Resp: 137797

Ion Ratio Lower Upper

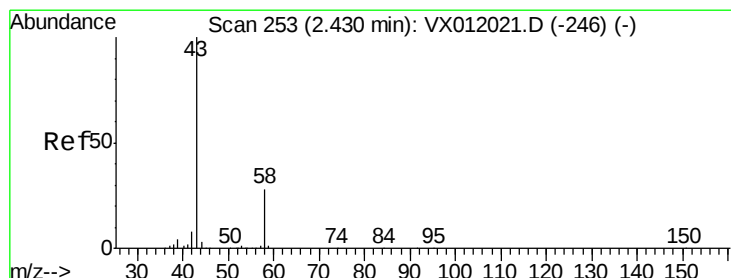
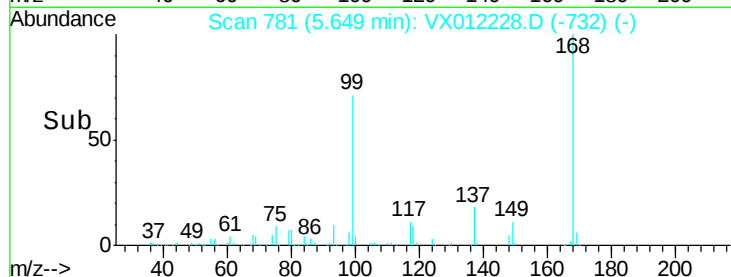
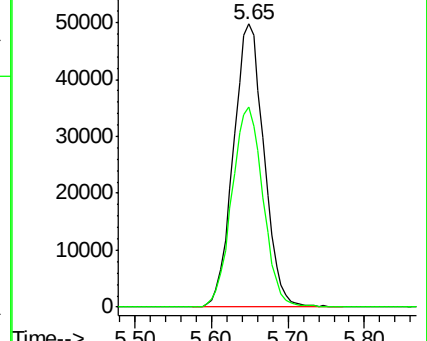
168 100

99 70.6 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: 22.673 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX012228.D

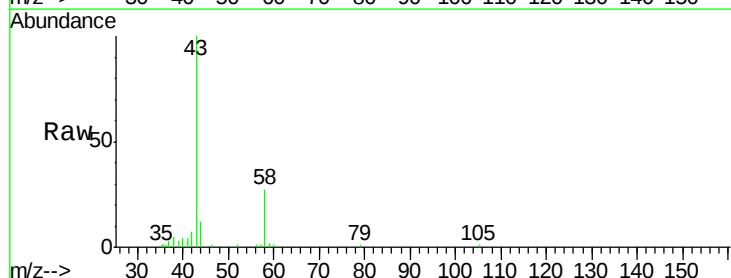
Acq: 08 Sep 2019 17:36

Tgt Ion: 43 Resp: 10304

Ion Ratio Lower Upper

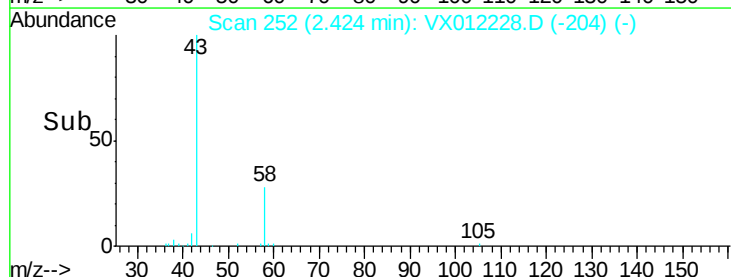
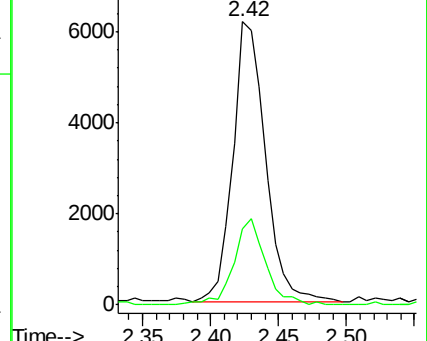
43 100

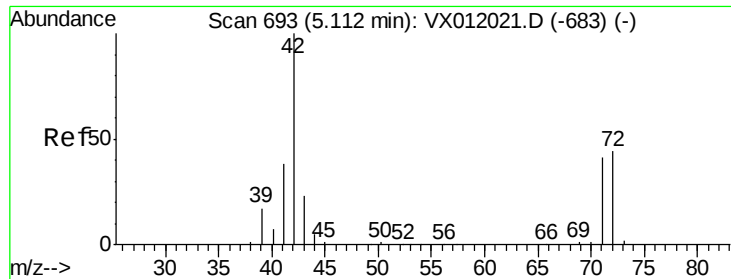
58 27.1 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

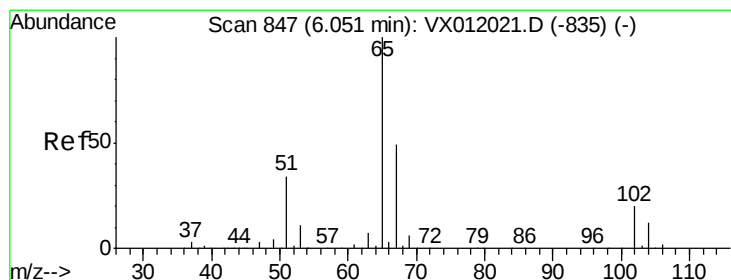
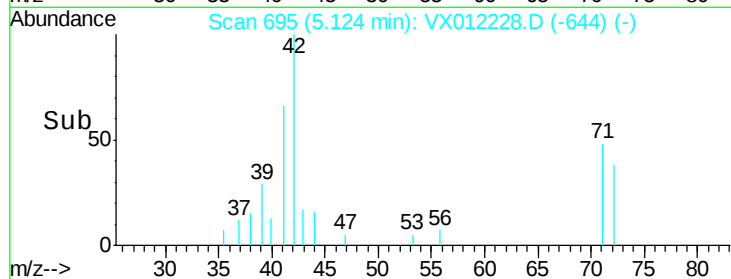
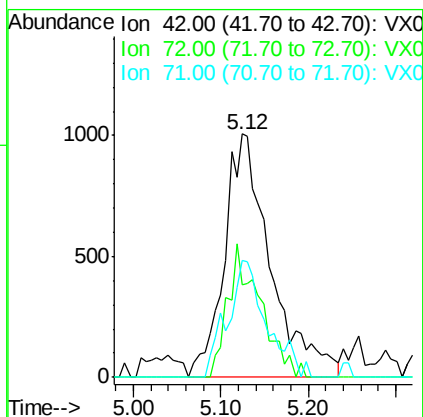
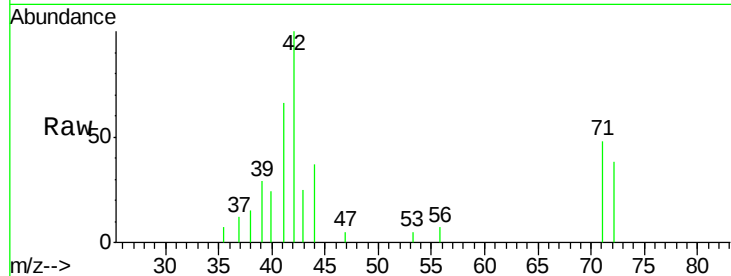




#29
Tetrahydrofuran
Concen: 10.607 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012228.D
Acq: 08 Sep 2019 17:36

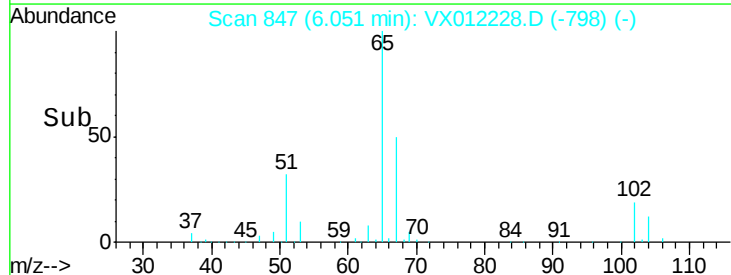
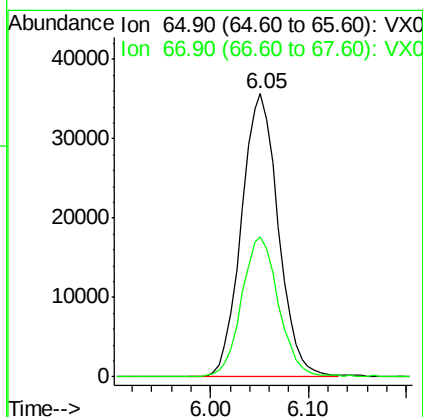
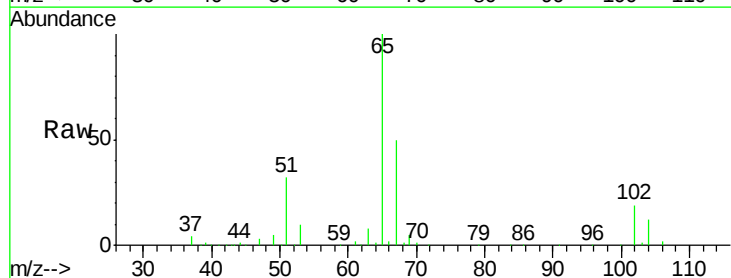
Instrument :
MSVOA_X
ClientSampled :
PAR-11-B3-(0)

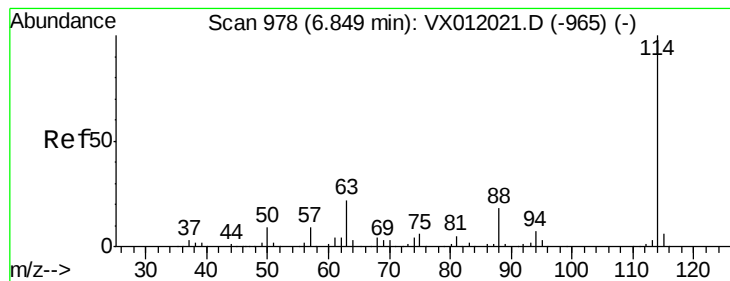
Tot Ion: 42 Resp: 3697
Ion Ratio Lower Upper
42 100
72 38.7 37.0 55.4
71 40.9 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 49.056 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012228.D
Acq: 08 Sep 2019 17:36

Tgt Ion: 65 Resp: 93272
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: VX012228.D

Acq: 08 Sep 2019 17:36

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-B3-(0)

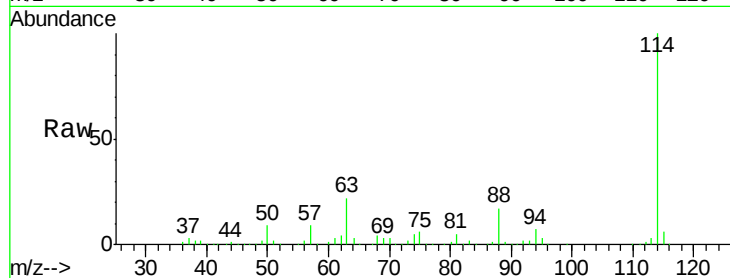
Tot Ion:114 Resp: 238085

Ion Ratio Lower Upper

114 100

63 22.4 0.0 37.4

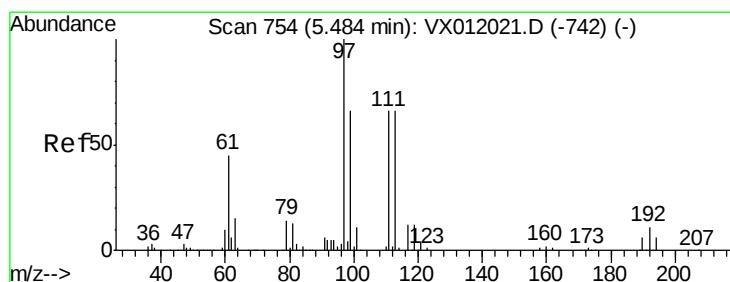
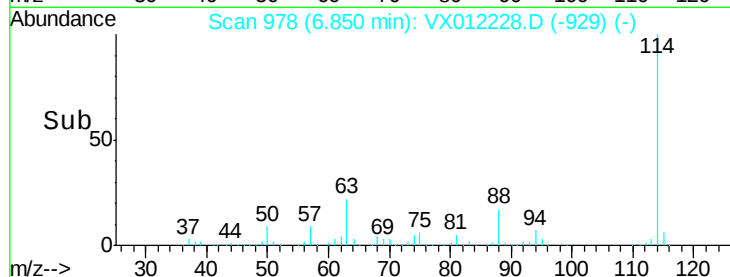
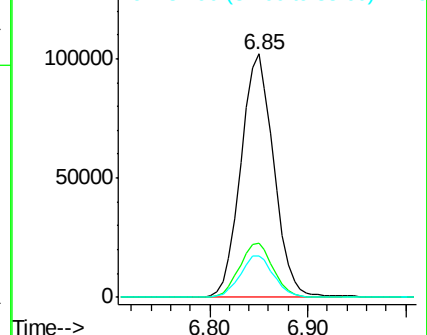
88 17.0 0.0 29.6



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: 48.542 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012228.D

Acq: 08 Sep 2019 17:36

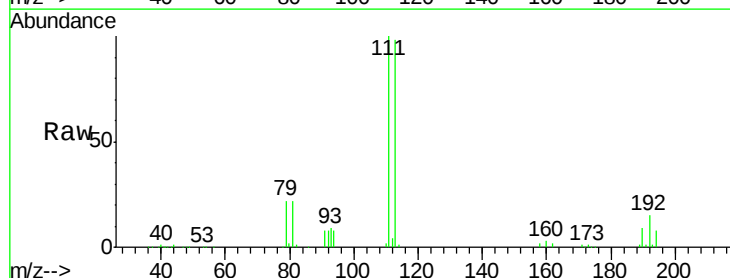
Tgt Ion:113 Resp: 71073

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

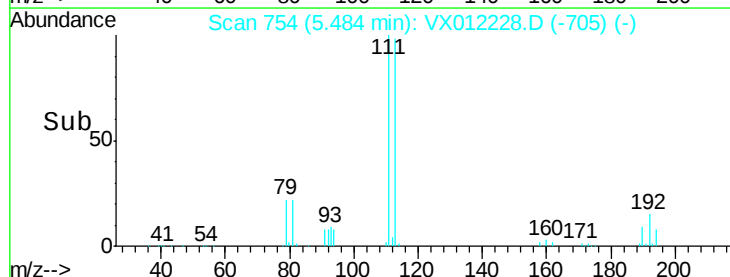
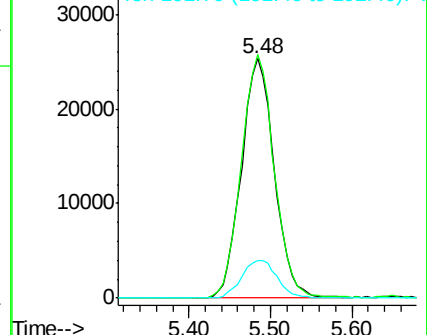
192 16.9 22.5 33.7#

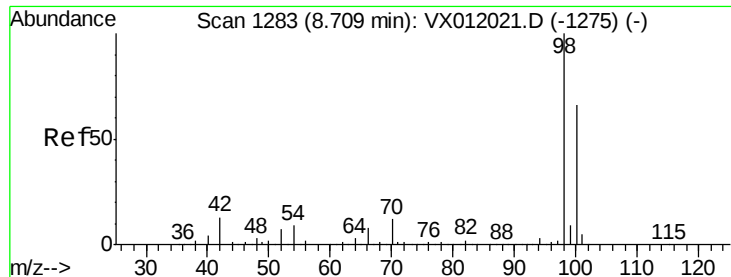


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

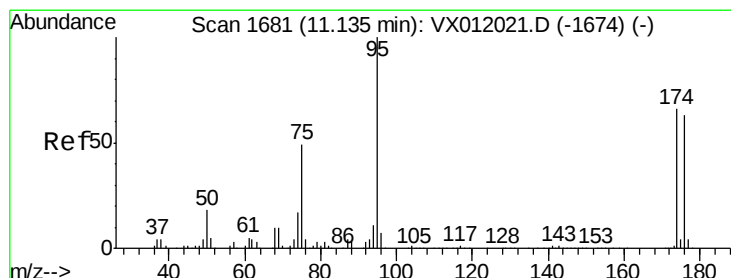
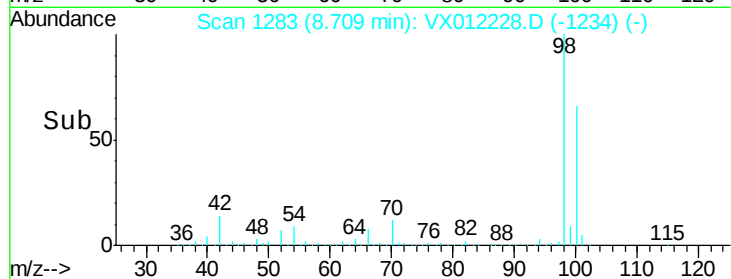
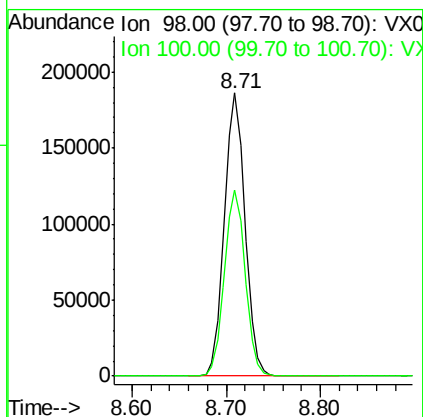
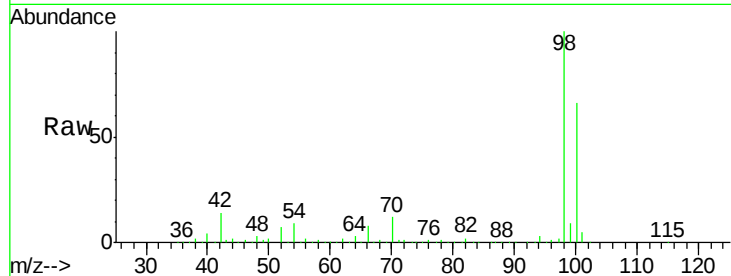




#50
Toluene-d8
Concen: 53.062 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012228.D
Acq: 08 Sep 2019 17:36

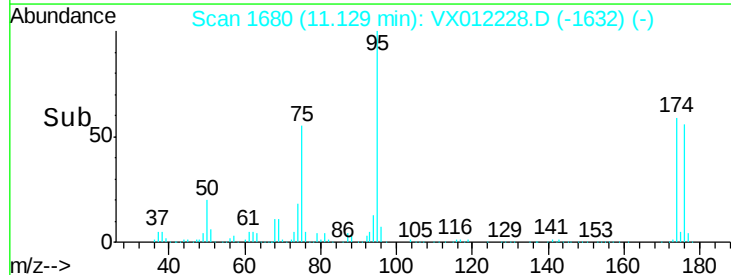
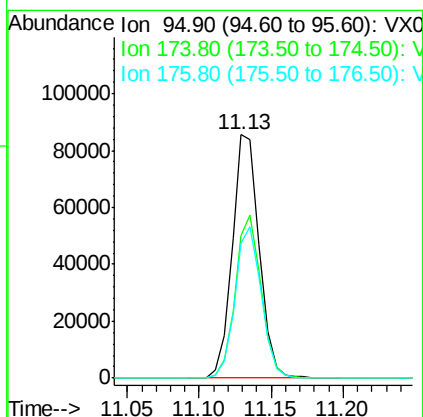
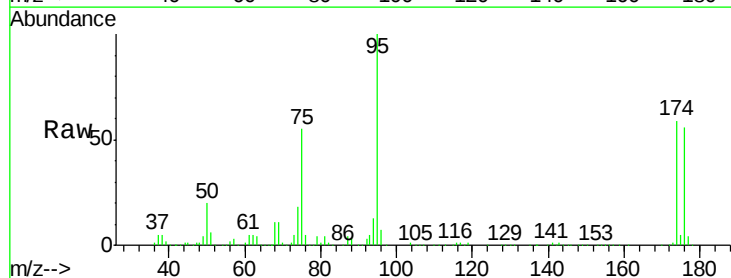
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B3-(0)

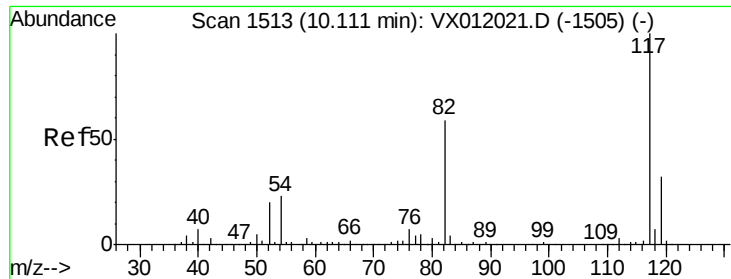
Tot Ion: 98 Resp: 285093
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.974 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012228.D
Acq: 08 Sep 2019 17:36

Tgt Ion: 95 Resp: 112376
Ion Ratio Lower Upper
95 100
174 64.0 0.0 205.4
176 60.6 0.0 201.8

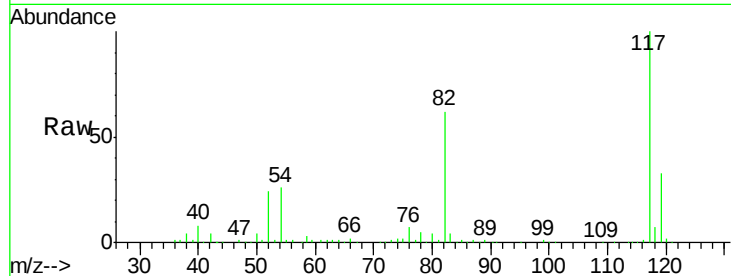




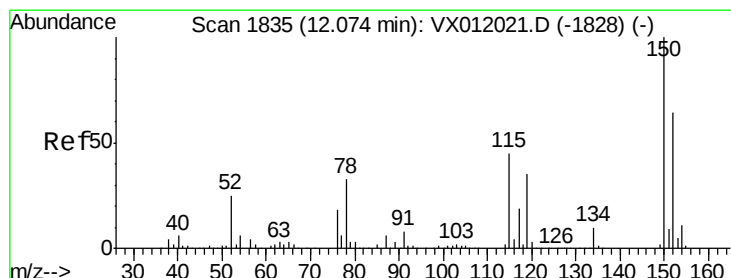
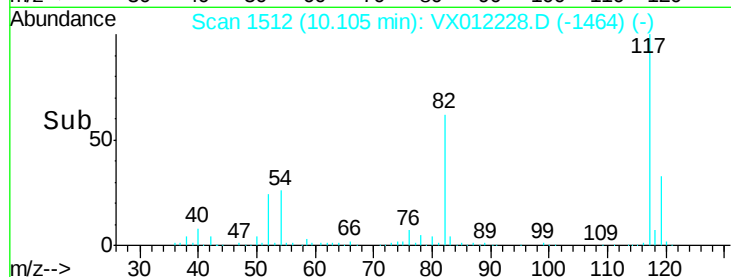
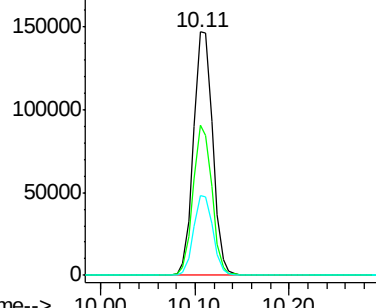
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012228.D
Acq: 08 Sep 2019 17:36

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-B3-(0)

Tot Ion:117 Resp: 208648
Ion Ratio Lower Upper
117 100
82 61.8 39.4 59.0#
119 32.7 26.1 39.1

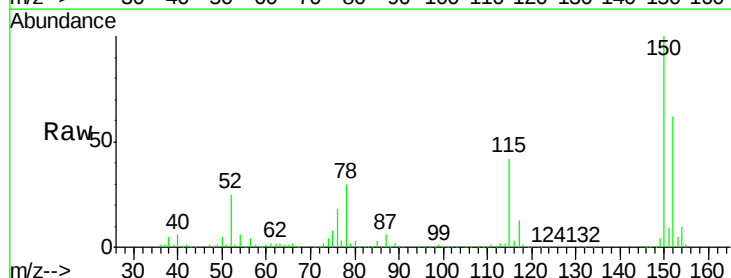


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012228.D
Acq: 08 Sep 2019 17:36

Tgt Ion:152 Resp: 91085
Ion Ratio Lower Upper
152 100
115 67.6 36.4 109.3
150 158.8 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

