

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012265.D
 Acq On : 10 Sep 2019 19:43
 Operator : SY/SP
 Sample : K4622-09
 Misc : 5.29g/5.0mL/MSVOA X/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-11-A4-(4)

Quant Time: Sep 11 02:23:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

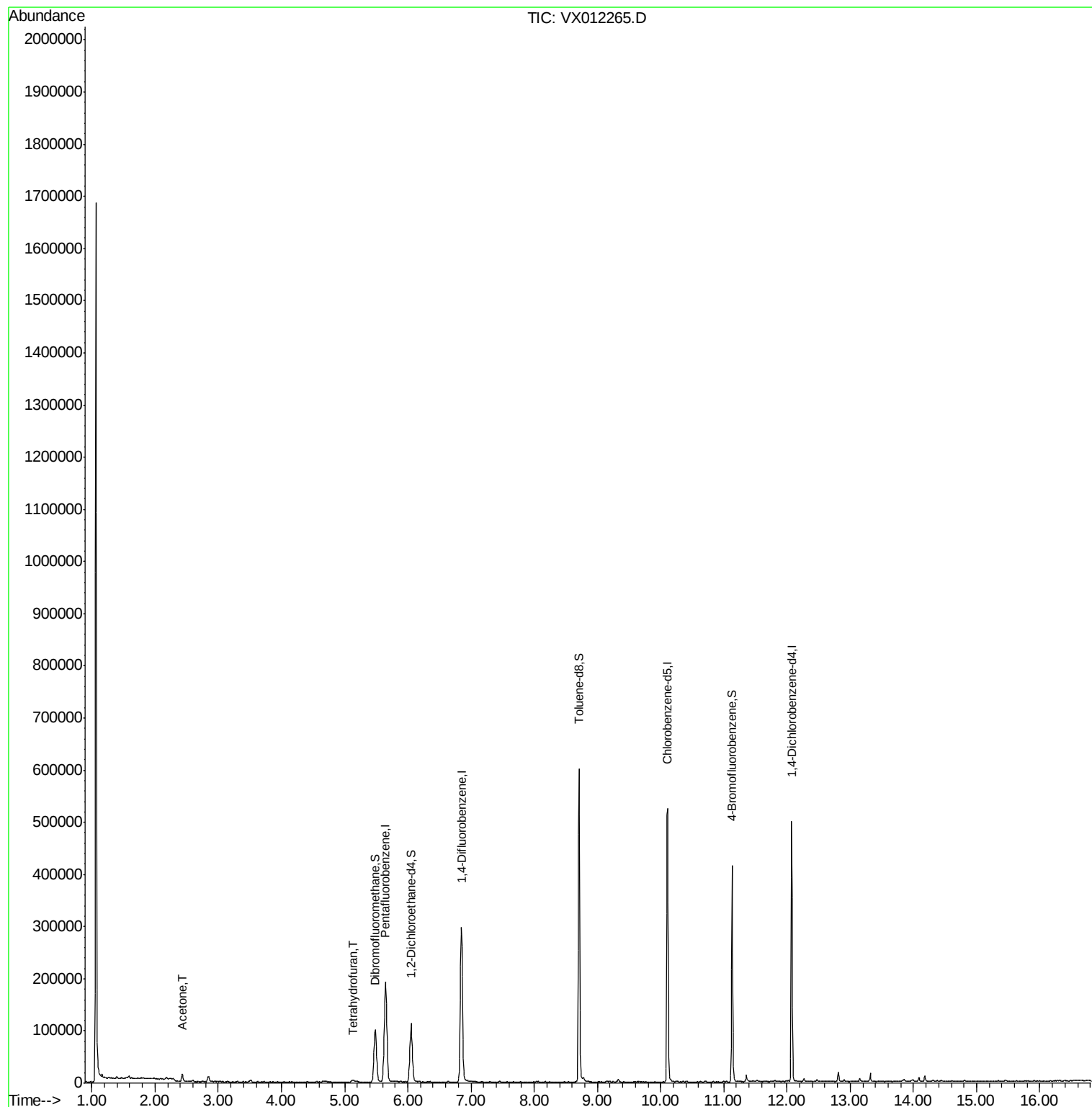
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	112169	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
35) Dibromofluoromethane	5.49	113	84928	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
50) Toluene-d8	8.71	98	333275	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	11.14	95	117798	39.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.76%	
Target Compounds						
16) Acetone	2.43	43	15200	28.327	ug/l #	86
29) Tetrahydrofuran	5.14	42	3735	10.092	ug/l	94

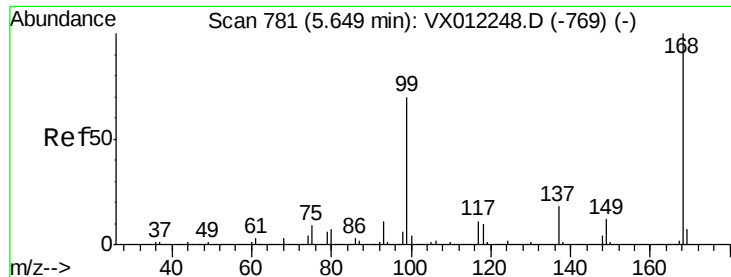
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 10 12:55:26 2019
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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: VX012265.D

Acq: 10 Sep 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

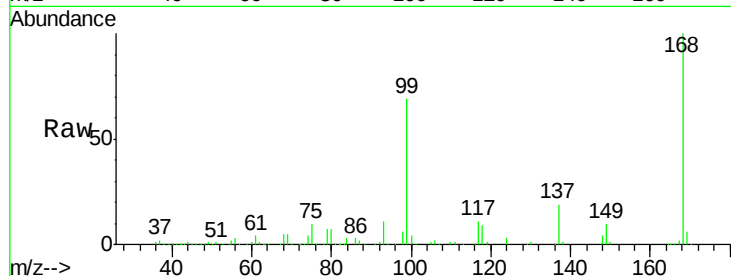
PAR-11-A4-(4)

Tot Ion:168 Resp: 160327

Ion Ratio Lower Upper

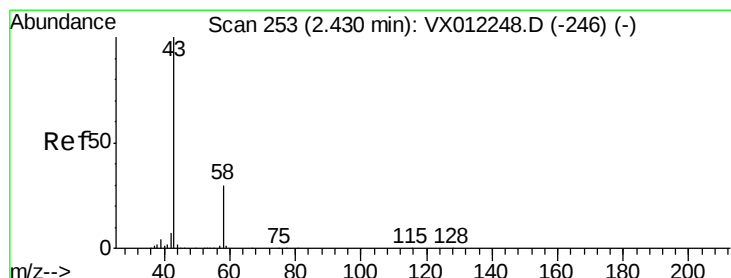
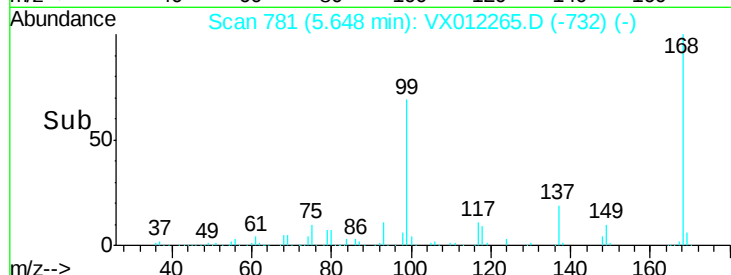
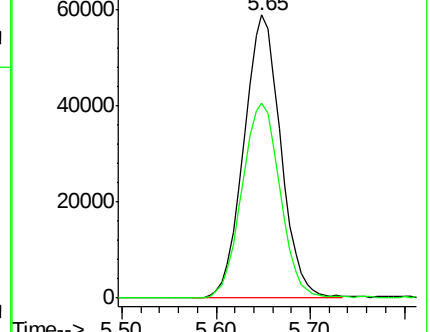
168 100

99 68.8 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 28.327 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012265.D

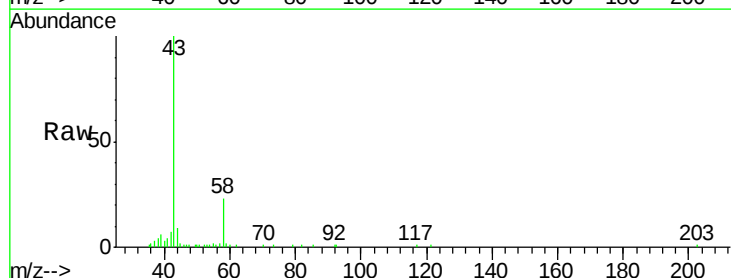
Acq: 10 Sep 2019 19:43

Tgt Ion: 43 Resp: 15200

Ion Ratio Lower Upper

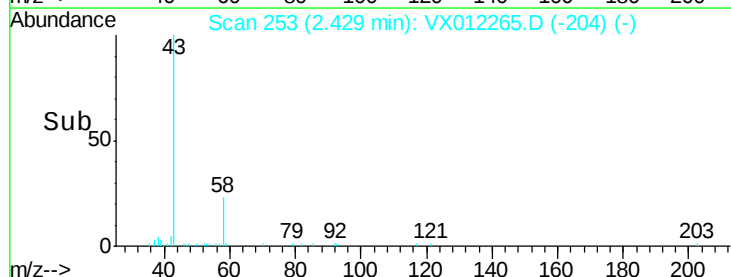
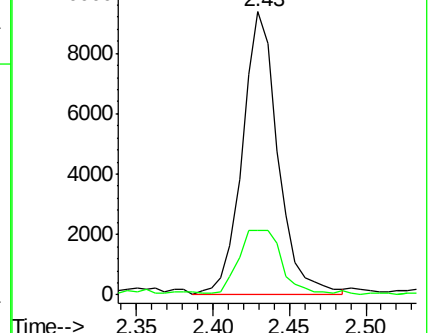
43 100

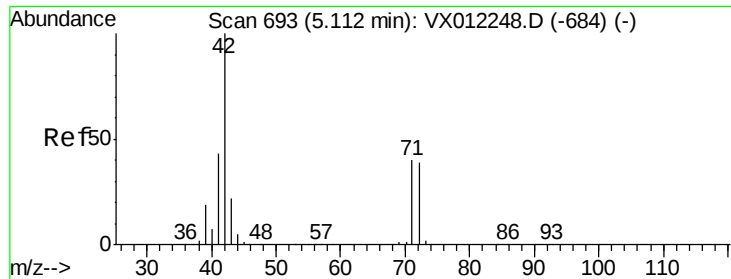
58 21.9 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

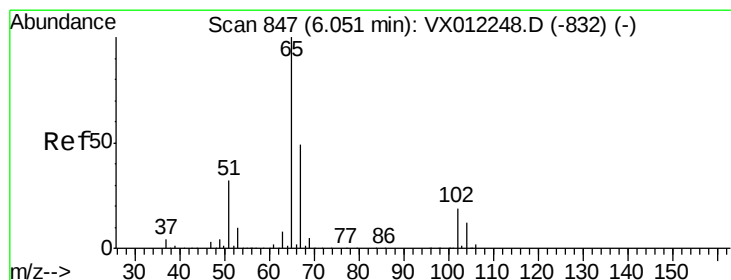
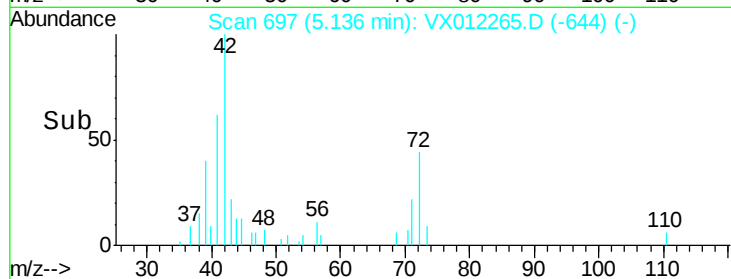
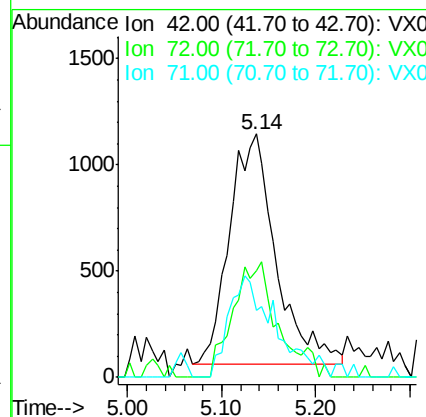
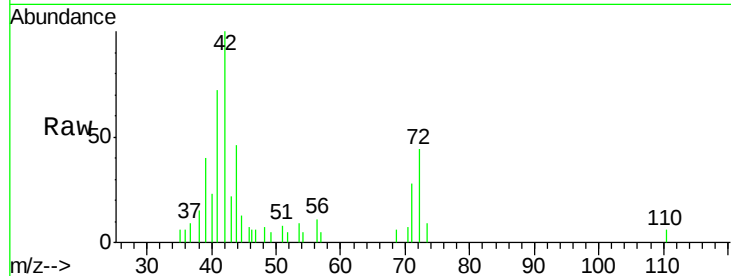




#29
Tetrahydrofuran
Concen: 10.092 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX012265.D
Acq: 10 Sep 2019 19:43

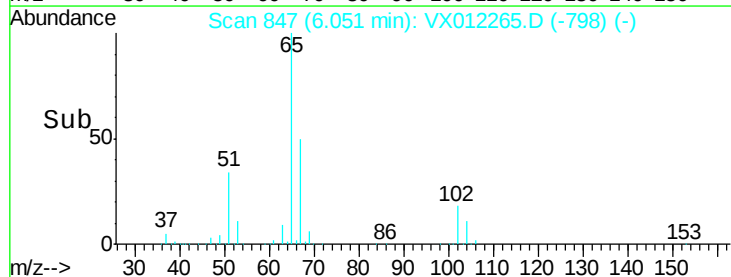
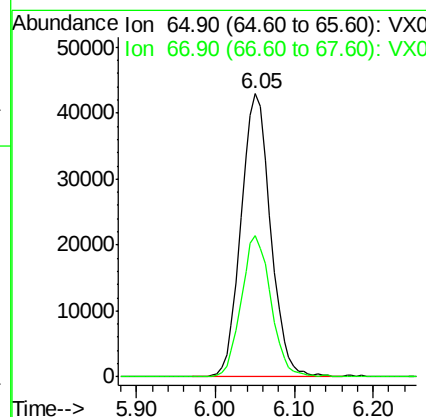
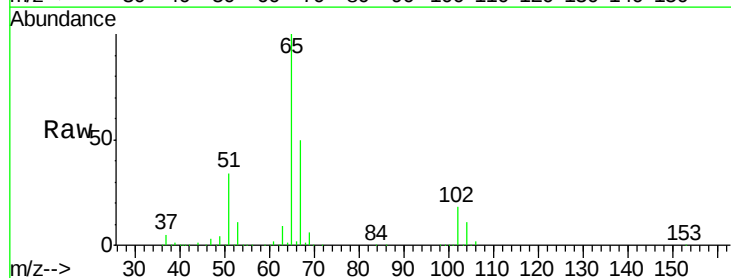
Instrument :
MSVOA_X
ClientSampled :
PAR-11-A4-(4)

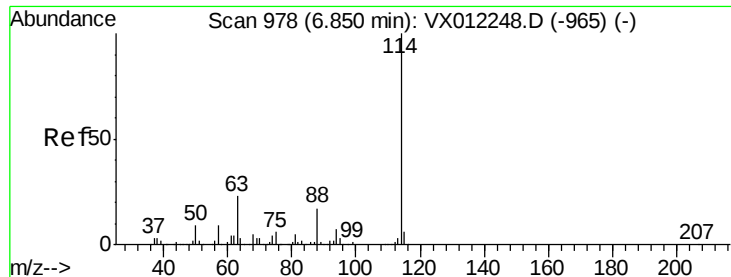
Tot Ion: 42 Resp: 3735
Ion Ratio Lower Upper
42 100
72 48.5 35.2 52.8
71 44.3 32.5 48.7



#33
1,2-Dichloroethane-d4
Concen: 49.485 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012265.D
Acq: 10 Sep 2019 19:43

Tgt Ion: 65 Resp: 112169
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012265.D

Acq: 10 Sep 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

PAR-11-A4-(4)

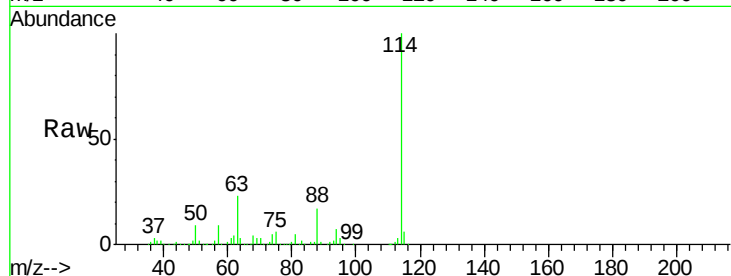
Tot Ion:114 Resp: 283386

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

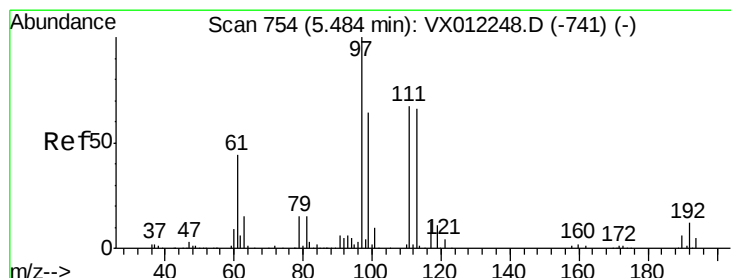
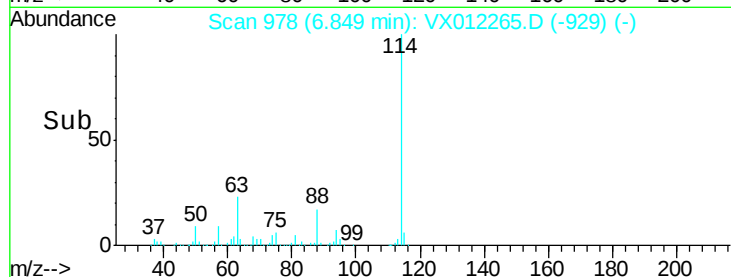
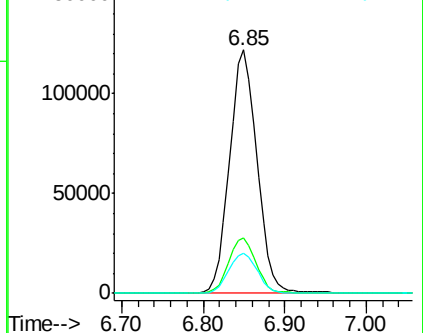
88 16.5 0.0 34.8



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: 46.750 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012265.D

Acq: 10 Sep 2019 19:43

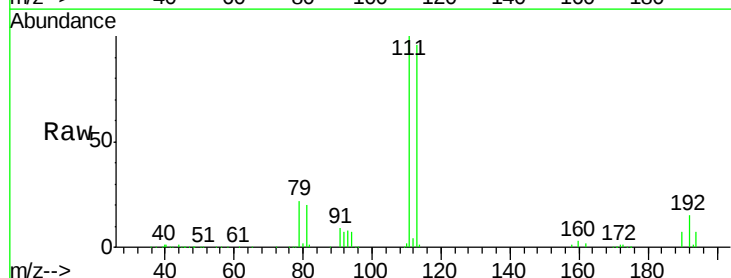
Tgt Ion:113 Resp: 84928

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.6

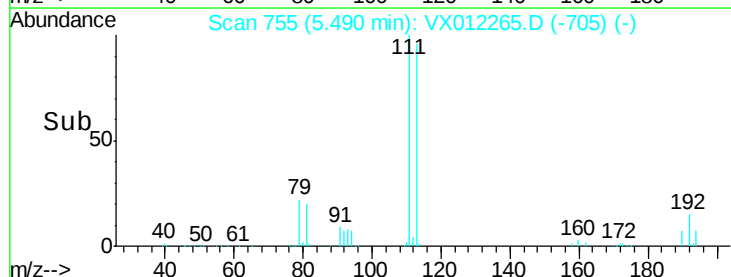
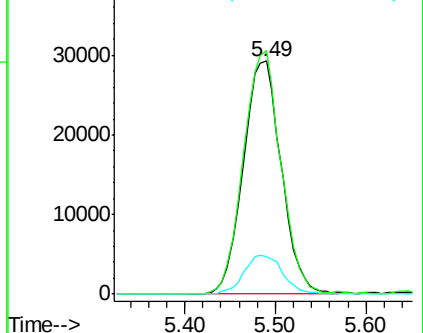
192 17.1 14.3 21.5

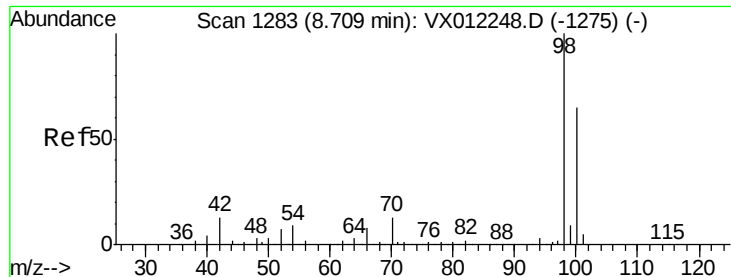


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

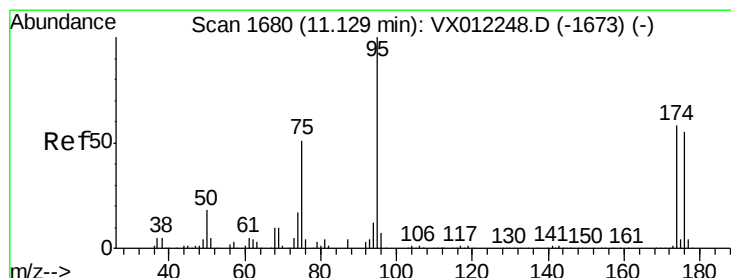
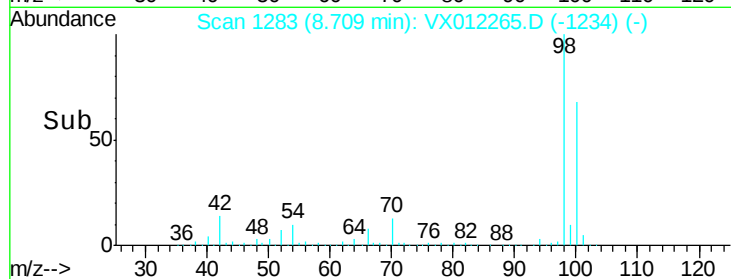
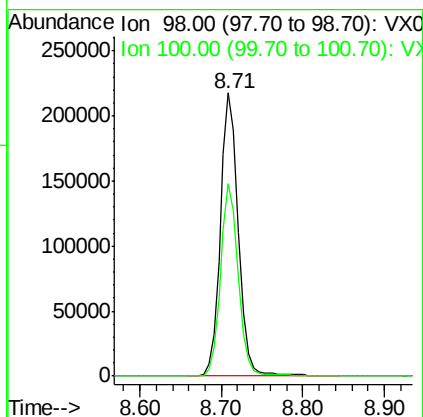
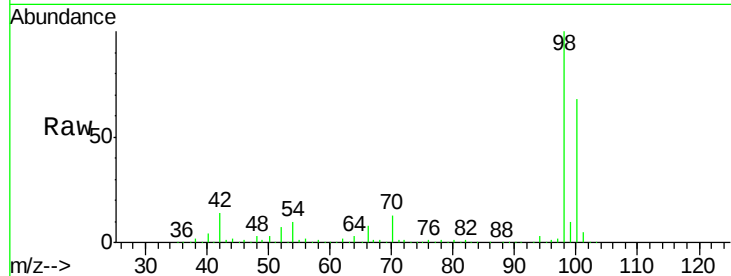




#50
Toluene-d8
Concen: 52.307 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012265.D
Acq: 10 Sep 2019 19:43

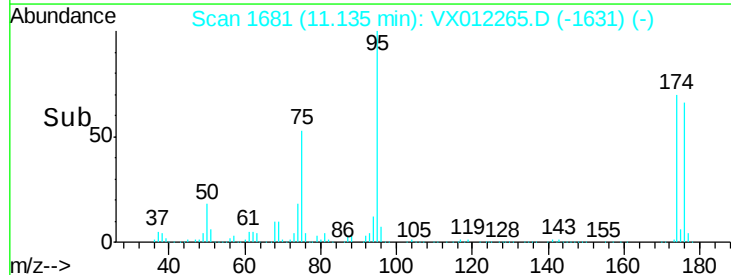
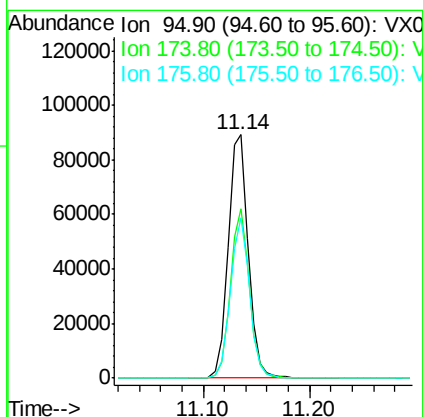
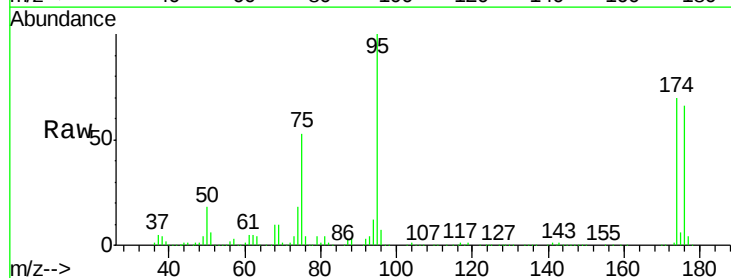
Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

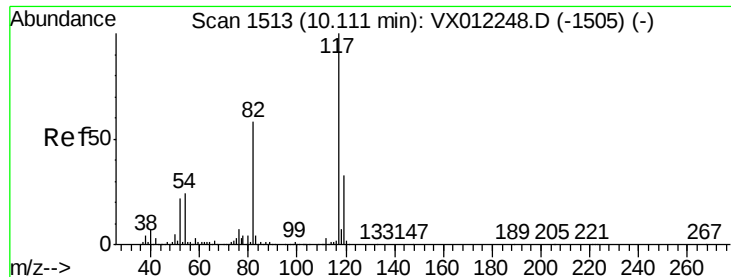
Tot Ion: 98 Resp: 333275
Ion Ratio Lower Upper
98 100
100 67.7 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 39.879 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012265.D
Acq: 10 Sep 2019 19:43

Tgt Ion: 95 Resp: 117798
Ion Ratio Lower Upper
95 100
174 66.0 0.0 127.0
176 63.0 0.0 125.8

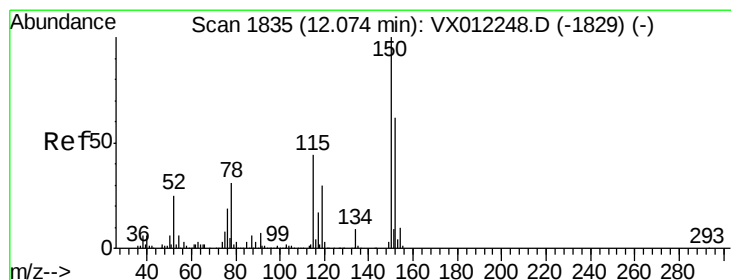
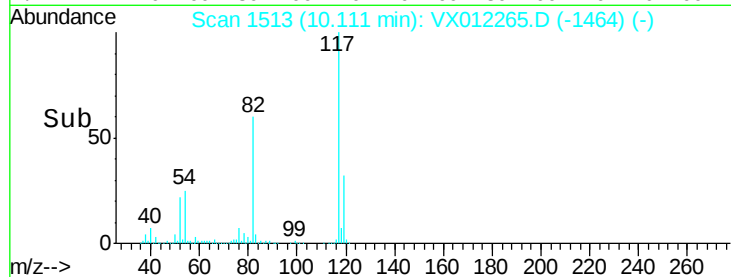
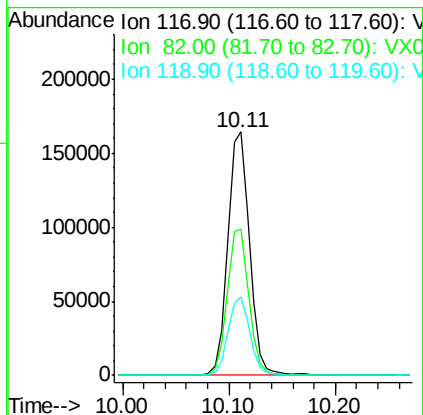
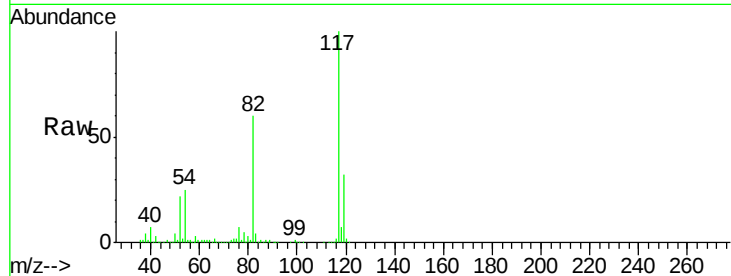




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012265.D
Acq: 10 Sep 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.4	69.6
119	32.0	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012265.D
Acq: 10 Sep 2019 19:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.7	45.5	136.4
150	161.7	0.0	346.4

