

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012184.D
 Acq On : 07 Sep 2019 18:55
 Operator : SY/SP
 Sample : K4602-14
 Misc : 5.90g/5.0mL/MSVOA X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D1-(0)

Quant Time: Sep 08 08:26:32 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

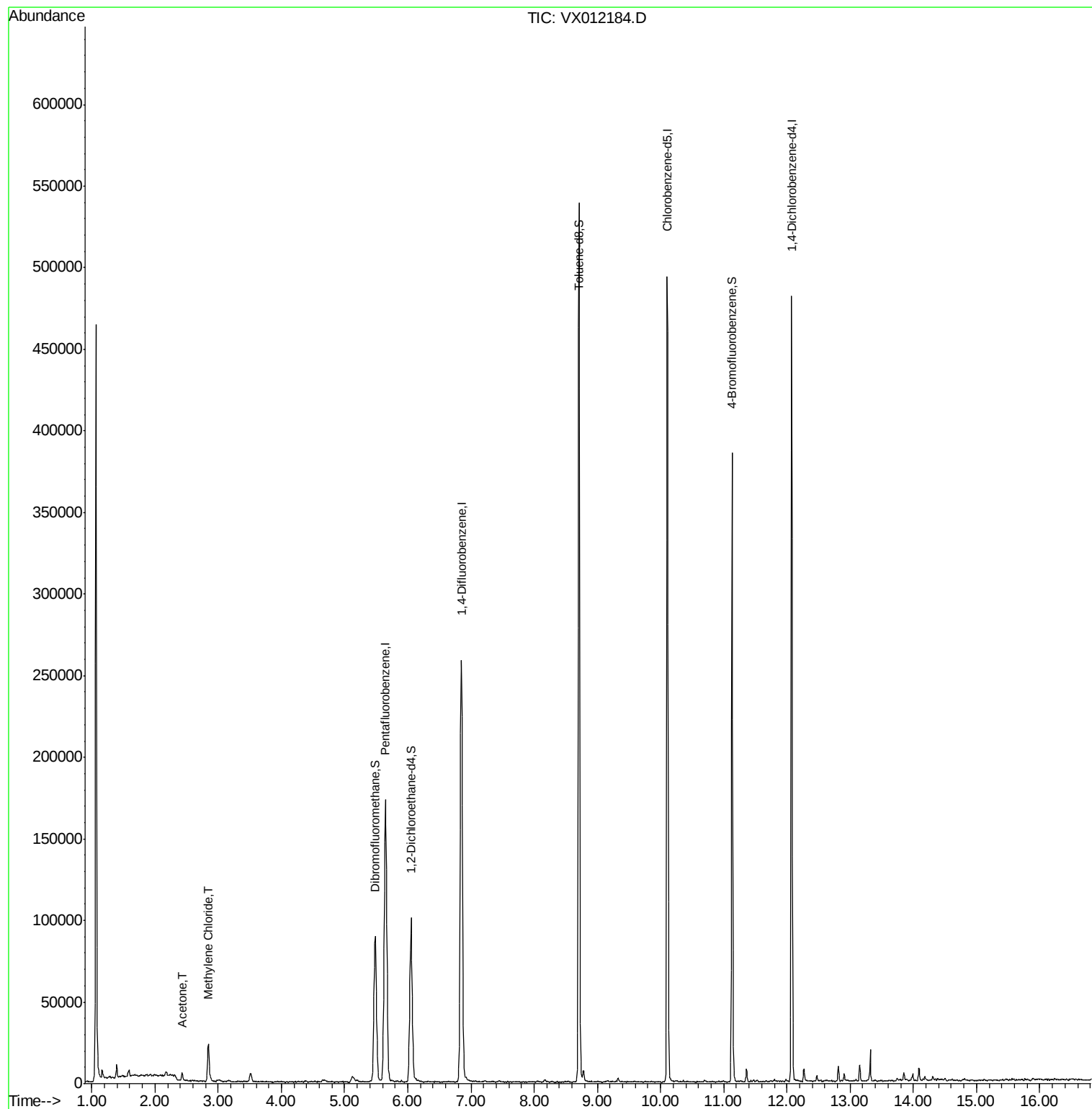
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	145477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	252030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	213763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	100506	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
35) Dibromofluoromethane	5.48	113	74613	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
50) Toluene-d8	8.71	98	297145	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.14	95	112600	42.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.14%	
Target Compounds						
16) Acetone	2.43	43	4776	9.954	ug/l	97
20) Methylene Chloride	2.84	84	10565	5.484	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: VX012184.D

Acq: 07 Sep 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

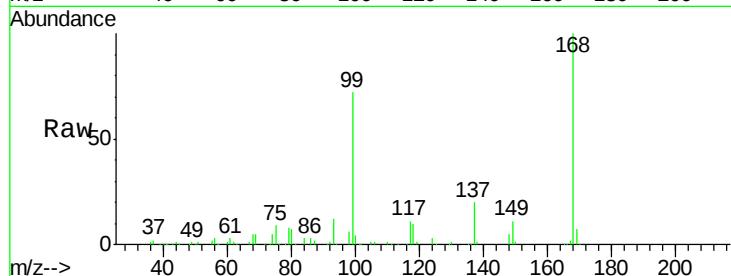
PAR-D1-(0)

Tot Ion:168 Resp: 145477

Ion Ratio Lower Upper

168 100

99 72.0 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

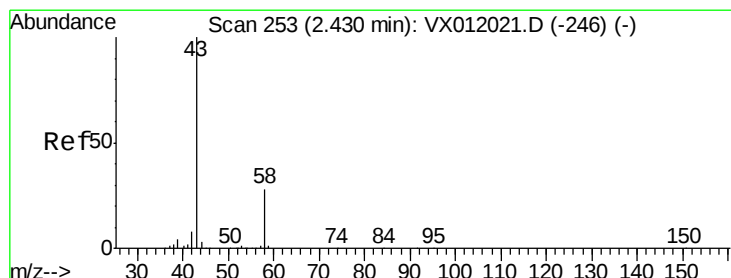
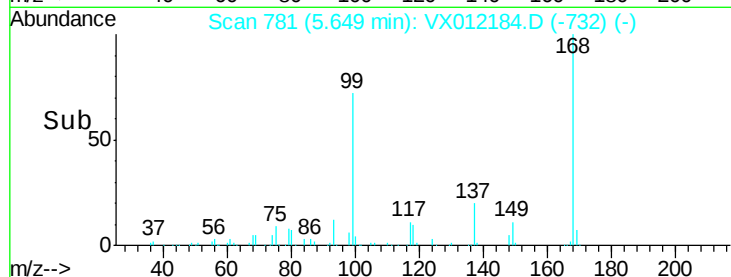
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.954 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012184.D

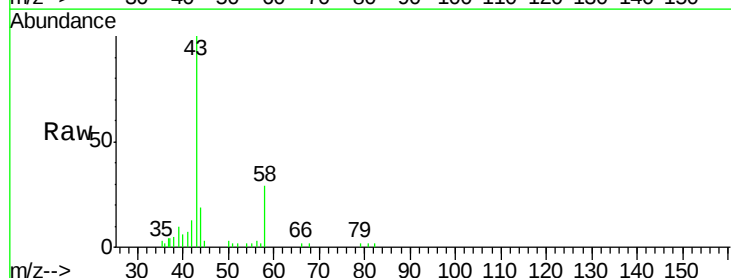
Acq: 07 Sep 2019 18:55

Tgt Ion: 43 Resp: 4776

Ion Ratio Lower Upper

43 100

58 30.2 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

3000

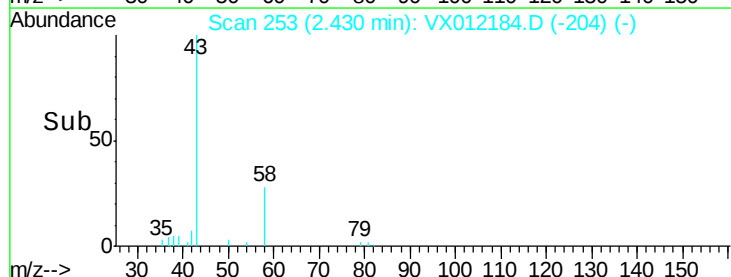
2000

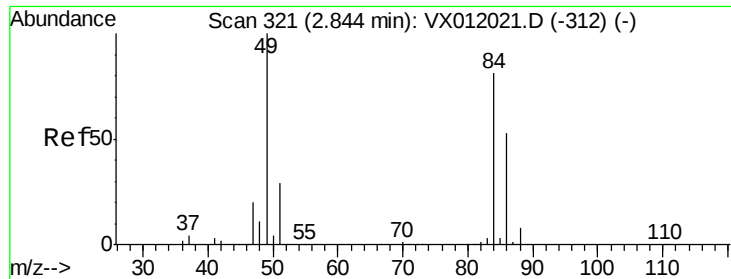
1000

0

Time-->

2.35 2.40 2.45 2.50

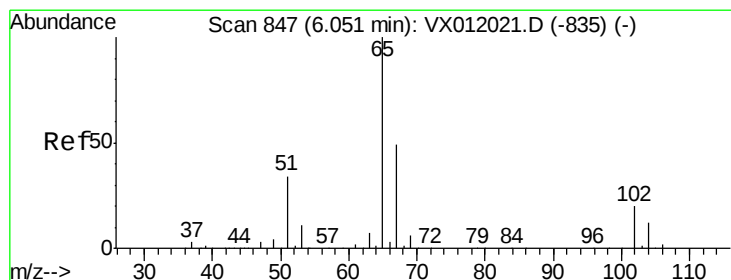
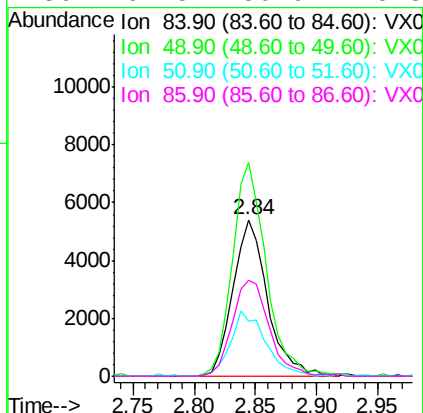
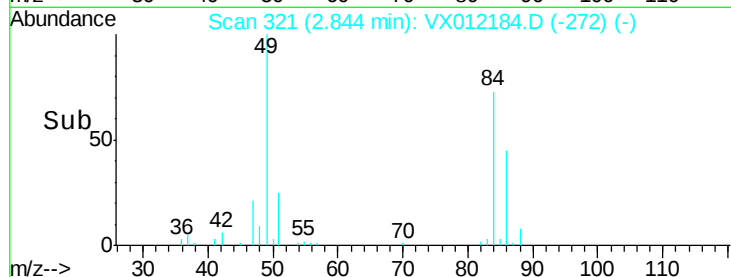
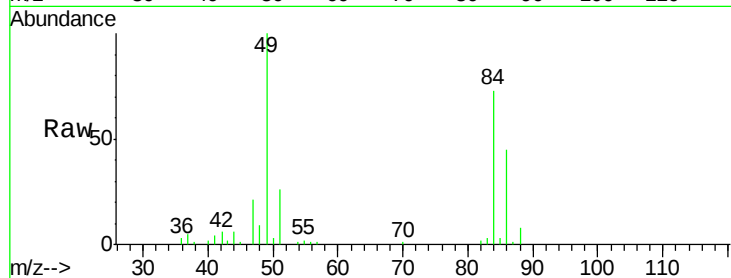




#20
Methvlene Chloride
Concen: 5.484 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012184.D
Acq: 07 Sep 2019 18:55

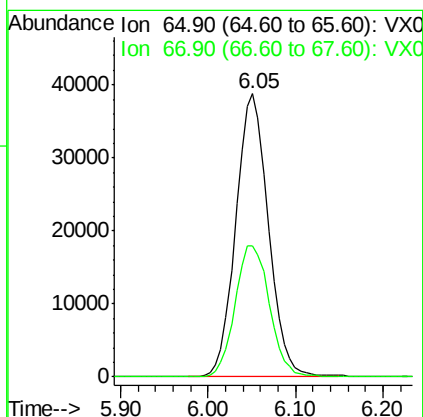
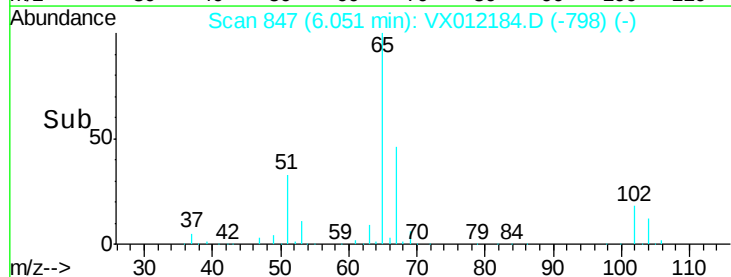
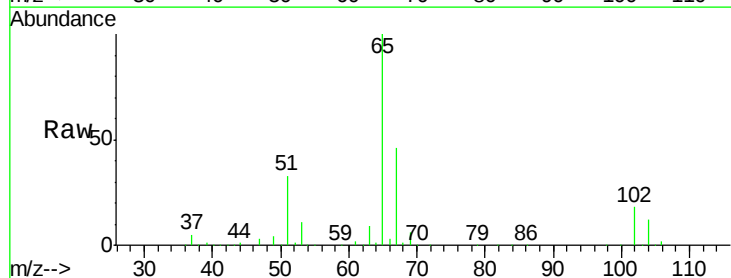
Instrument :
MSVOA_X
ClientSampleId :
PAR-D1-(0)

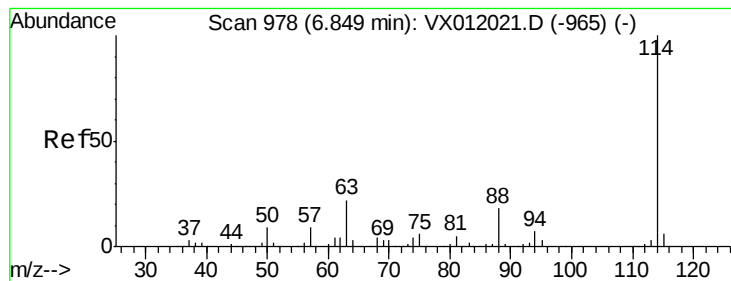
Tot Ion	84	Resp	10565
Ion	Ratio	Lower	Upper
84	100		
49	136.6	95.8	143.8
51	35.5	28.6	43.0
86	61.5	50.9	76.3



#33
1,2-Dichloroethane-d4
Concen: 50.070 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012184.D
Acq: 07 Sep 2019 18:55

Tgt Ion	65	Resp	100506
Ion	Ratio	Lower	Upper
65	100		
67	49.0	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: VX012184.D

Acq: 07 Sep 2019 18:55

Instrument :

MSVOA_X

ClientSampleId :

PAR-D1-(0)

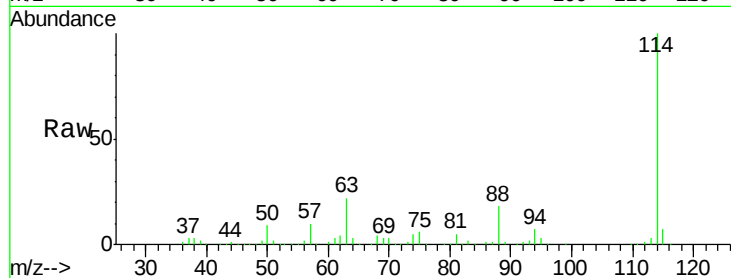
Tot Ion:114 Resp: 252030

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

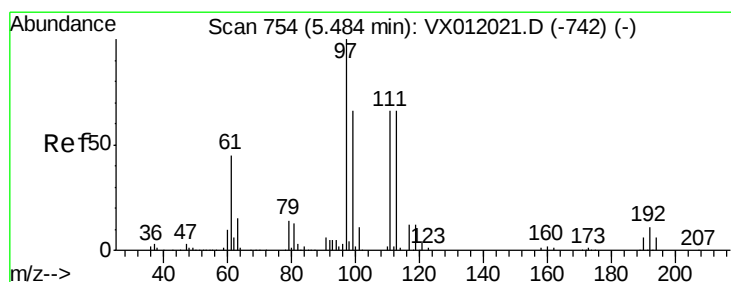
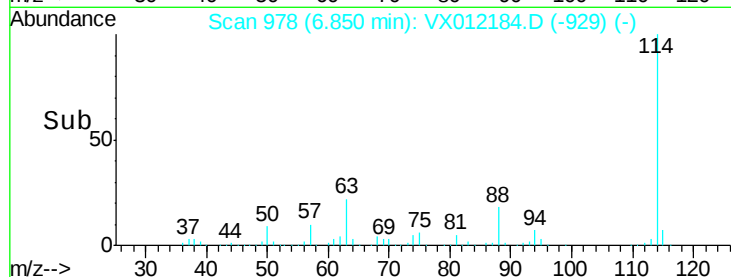
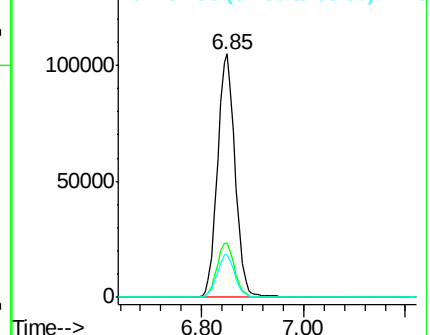
88 17.6 0.0 29.6



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: 48.140 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012184.D

Acq: 07 Sep 2019 18:55

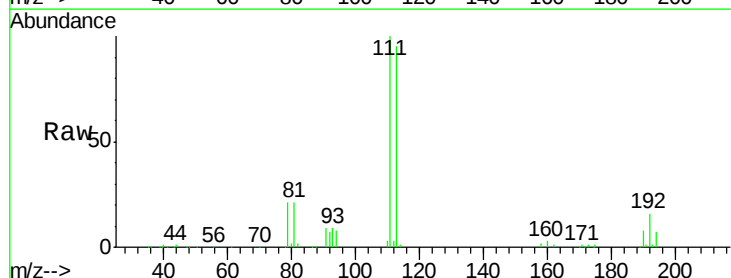
Tgt Ion:113 Resp: 74613

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

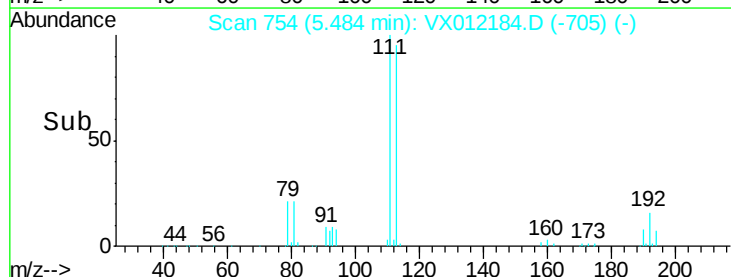
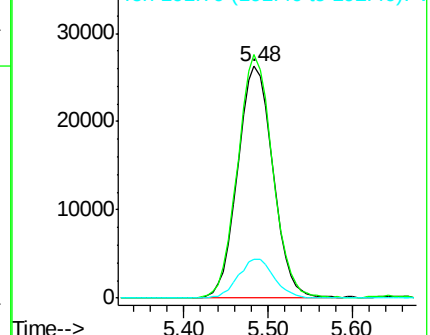
192 17.1 22.5 33.7#

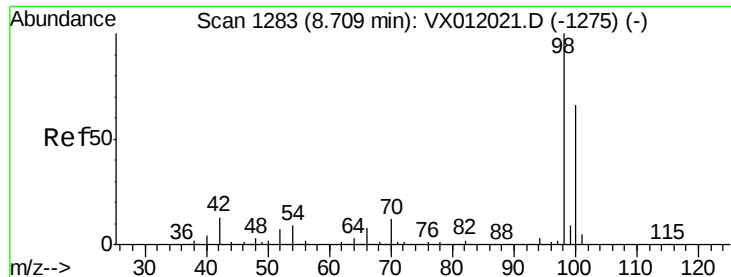


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

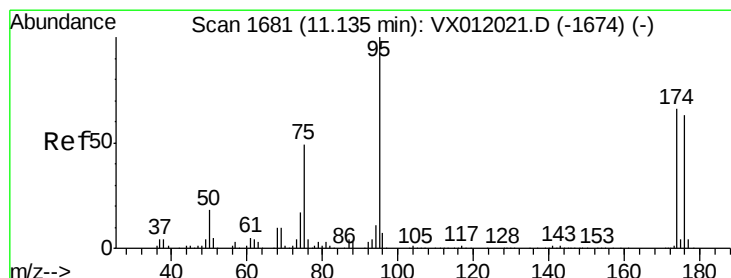
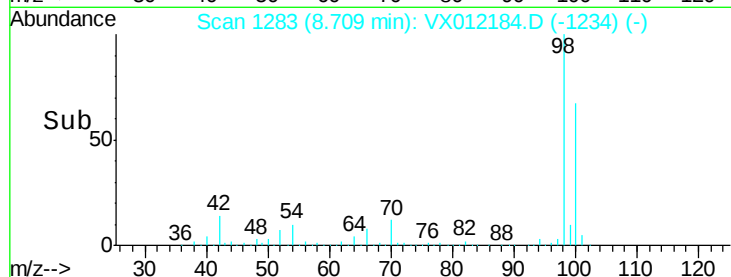
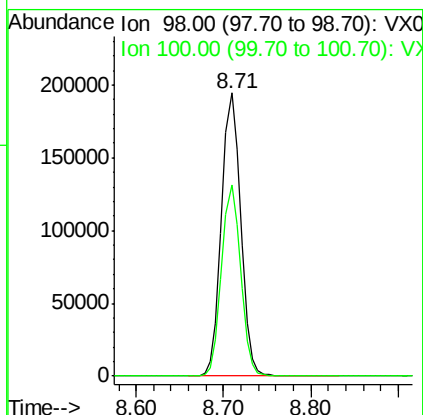
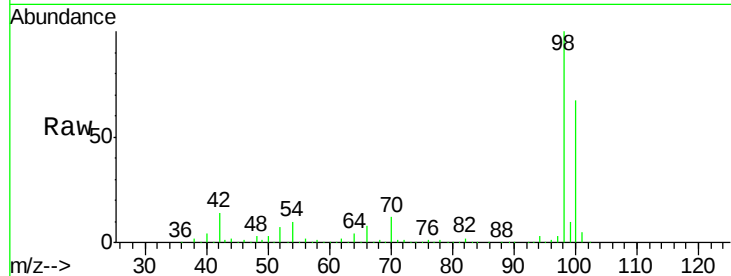




#50
Toluene-d8
Concen: 52.246 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012184.D
Acq: 07 Sep 2019 18:55

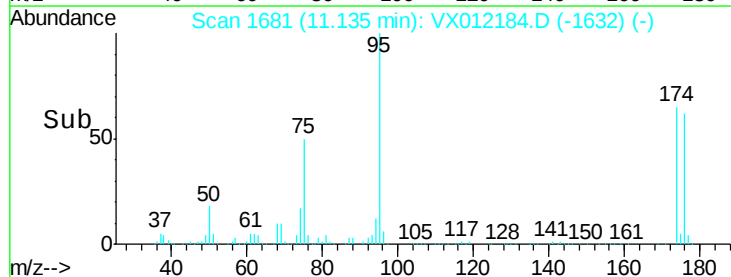
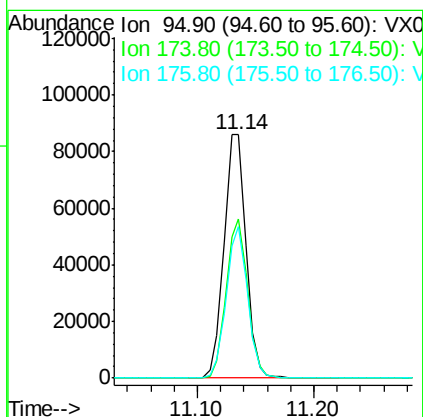
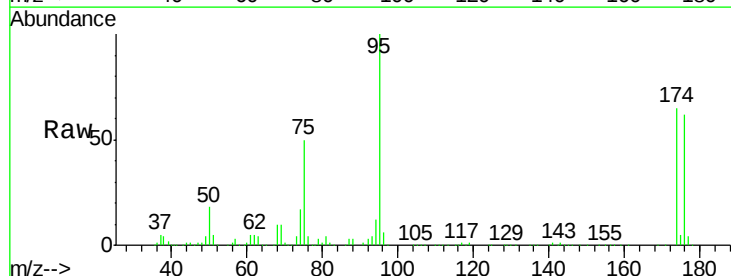
Instrument :
MSVOA_X
ClientSampleId :
PAR-D1-(0)

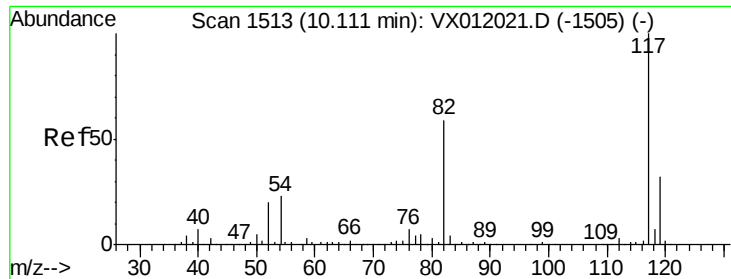
Tot Ion: 98 Resp: 297145
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 42.571 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012184.D
Acq: 07 Sep 2019 18:55

Tgt Ion: 95 Resp: 112600
Ion Ratio Lower Upper
95 100
174 63.9 0.0 205.4
176 60.3 0.0 201.8

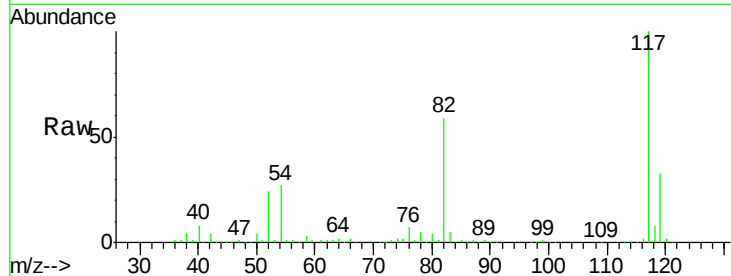




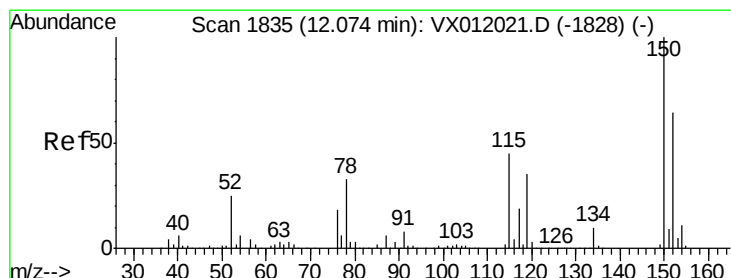
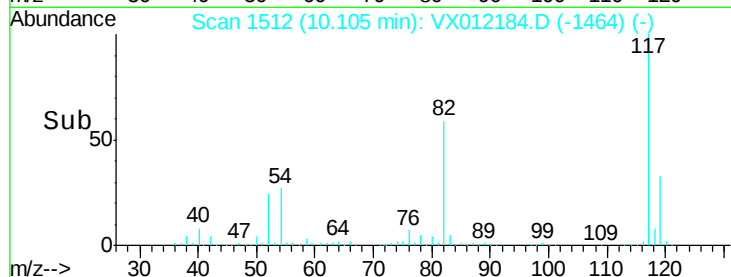
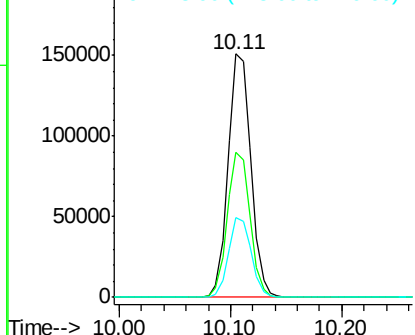
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012184.D
Acq: 07 Sep 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
PAR-D1-(0)

Tot Ion:117 Resp: 213763
Ion Ratio Lower Upper
117 100
82 59.3 39.4 59.0#
119 32.7 26.1 39.1

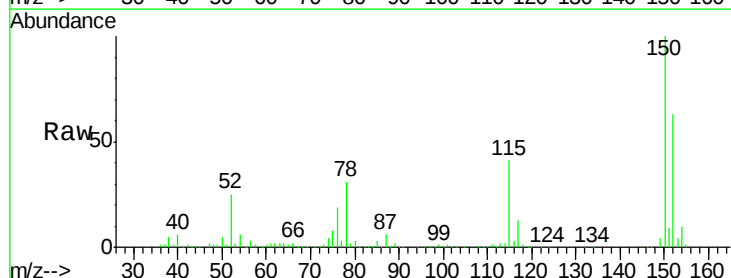


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012184.D
Acq: 07 Sep 2019 18:55

Tgt Ion:152 Resp: 87062
Ion Ratio Lower Upper
152 100
115 65.8 36.4 109.3
150 156.2 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

