

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012185.D
 Acq On : 07 Sep 2019 19:23
 Operator : SY/SP
 Sample : K4602-15
 Misc : 5.53g/5.0mL/MSVOA X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D2-(0)

Quant Time: Sep 08 08:27:25 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

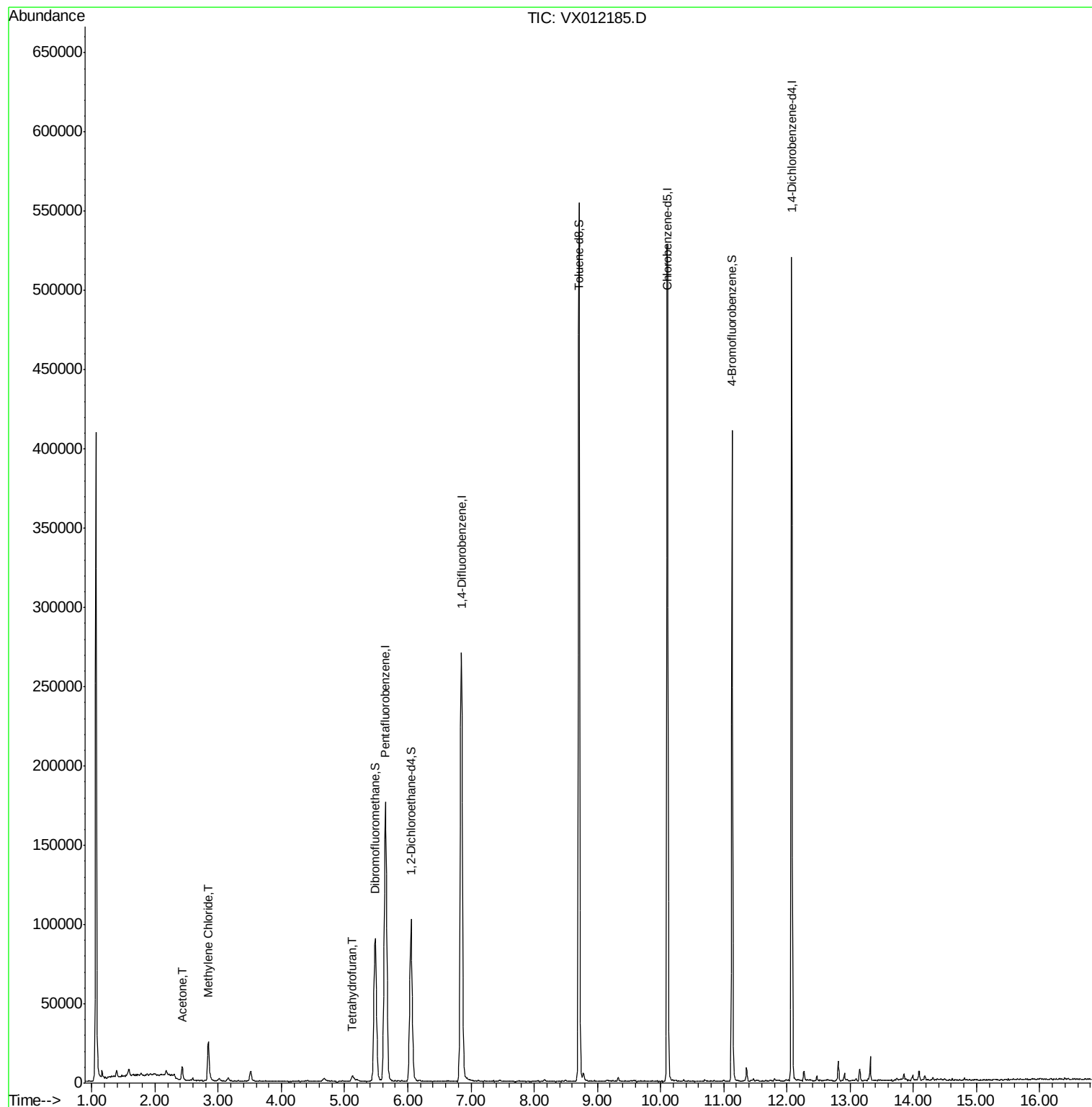
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	147293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	259087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	223740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103598	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
35) Dibromofluoromethane	5.48	113	76732	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	8.71	98	304868	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	11.14	95	120641	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
Target Compounds						
16) Acetone	2.43	43	9195	18.928	ug/l	94
20) Methylene Chloride	2.84	84	11471	5.880	ug/l	92
29) Tetrahydrofuran	5.13	42	4006	10.753	ug/l	90

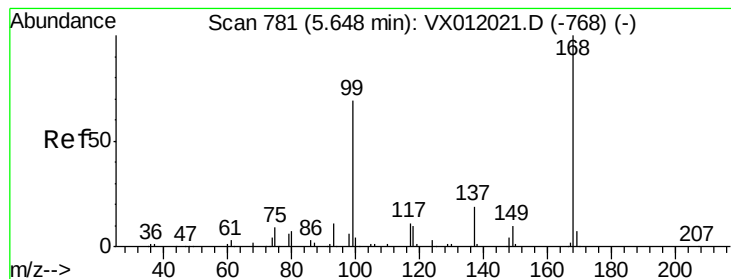
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012185.D

Acq: 07 Sep 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

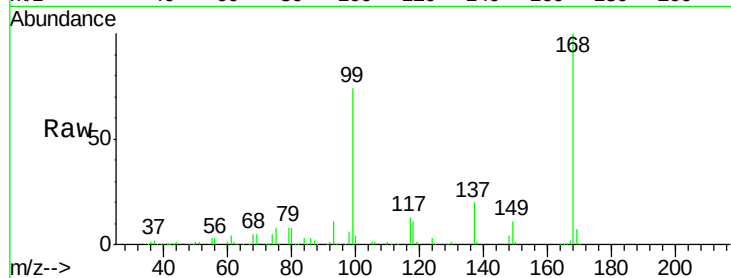
PAR-D2-(0)

Tot Ion:168 Resp: 147293

Ion Ratio Lower Upper

168 100

99 73.6 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

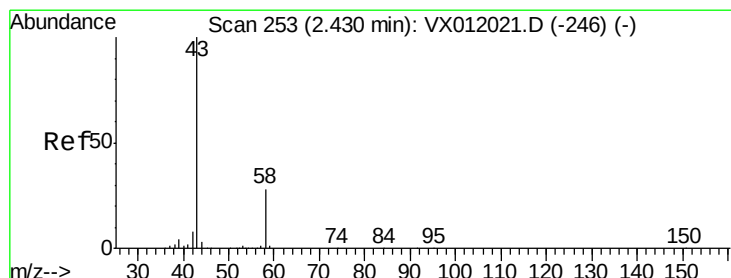
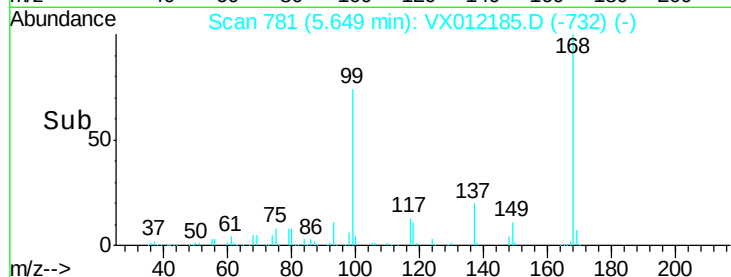
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 18.928 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012185.D

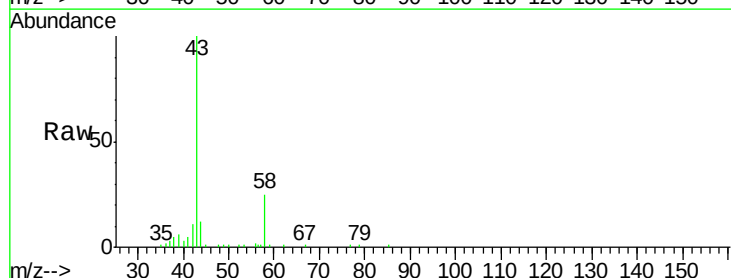
Acq: 07 Sep 2019 19:23

Tgt Ion: 43 Resp: 9195

Ion Ratio Lower Upper

43 100

58 25.3 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

6000

5000

4000

3000

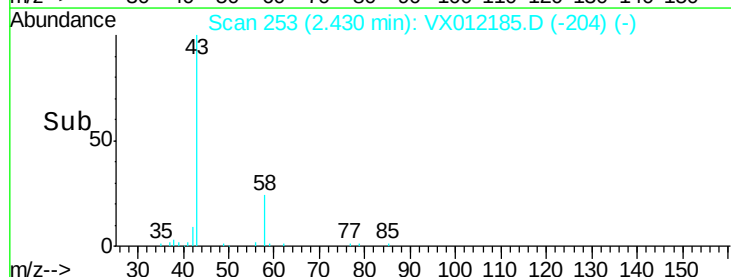
2000

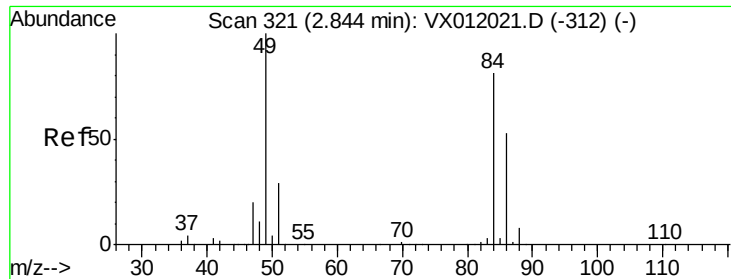
1000

0

Time-->

2.40 2.50

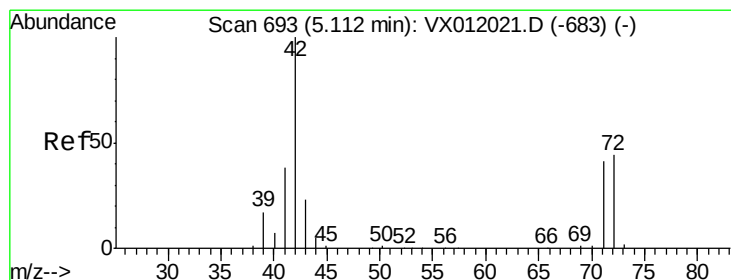
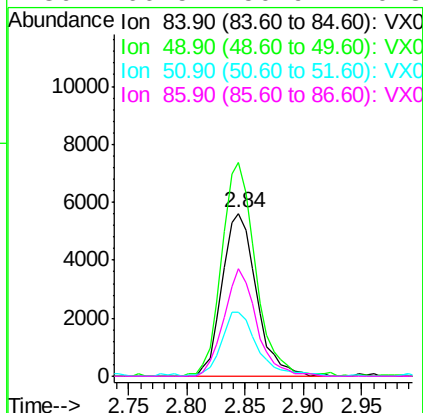
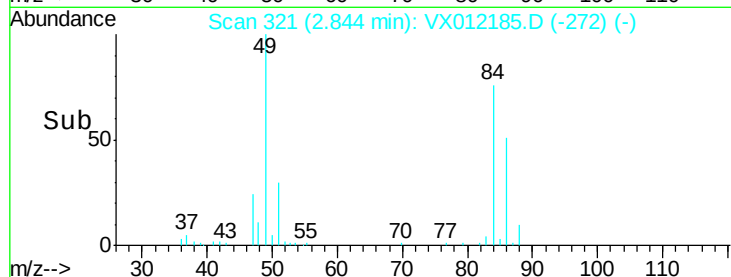
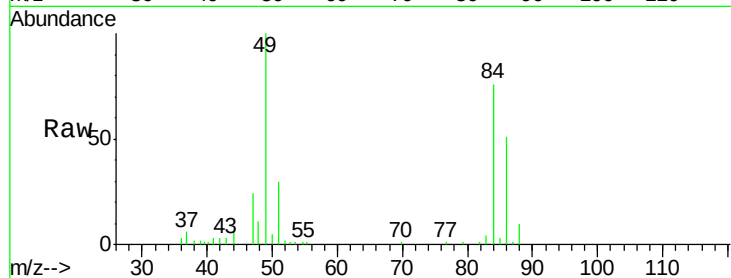




#20
Methvlene Chloride
Concen: 5.880 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012185.D
Acq: 07 Sep 2019 19:23

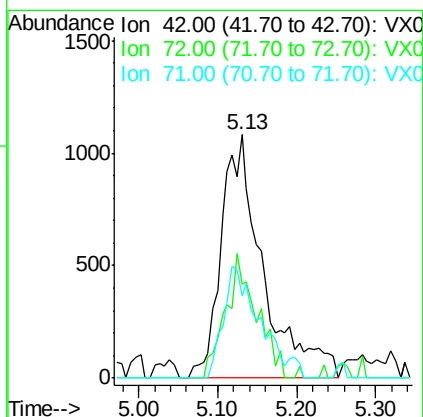
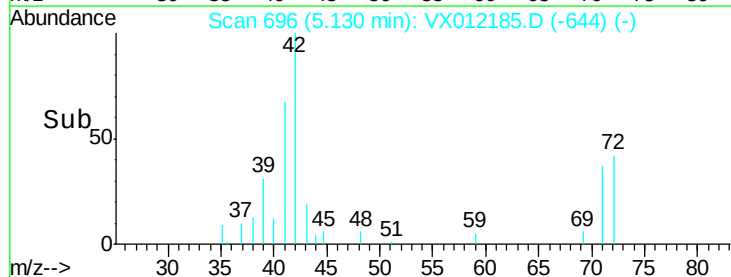
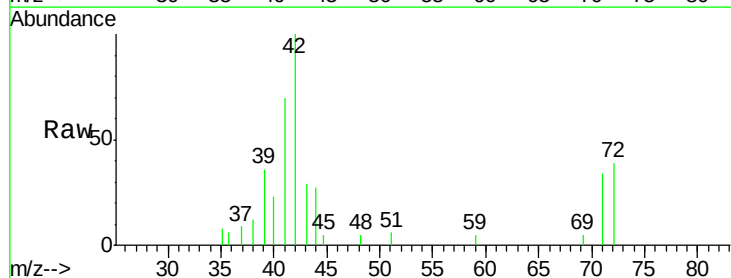
Instrument :
MSVOA_X
ClientSampled :
PAR-D2-(0)

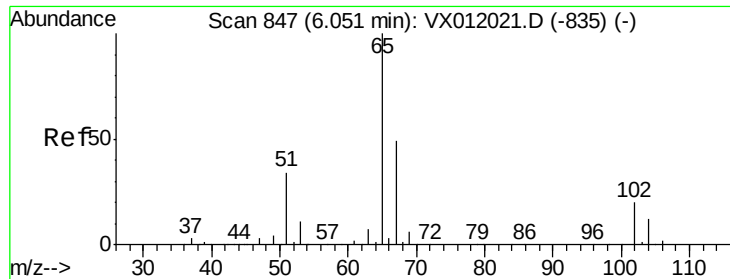
Tot Ion:	84	Resp:	11471
Ion	Ratio	Lower	Upper
84	100		
49	131.3	95.8	143.8
51	39.6	28.6	43.0
86	66.5	50.9	76.3



#29
Tetrahydrofuran
Concen: 10.753 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012185.D
Acq: 07 Sep 2019 19:23

Tgt Ion:	42	Resp:	4006
Ion	Ratio	Lower	Upper
42	100		
72	38.2	37.0	55.4
71	37.7	33.8	50.8

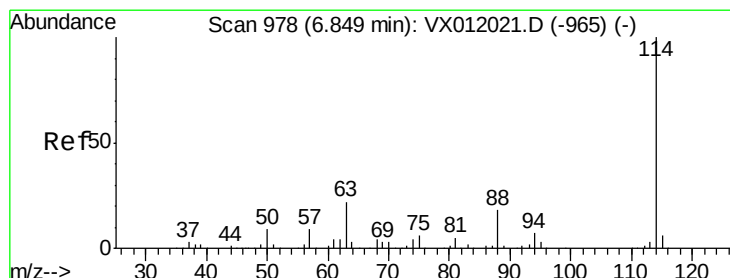
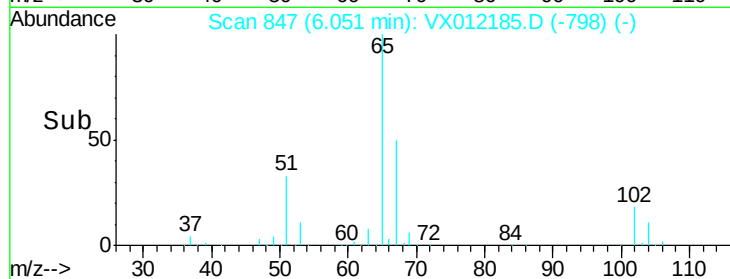
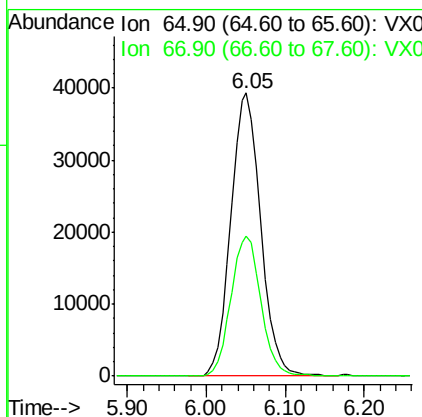
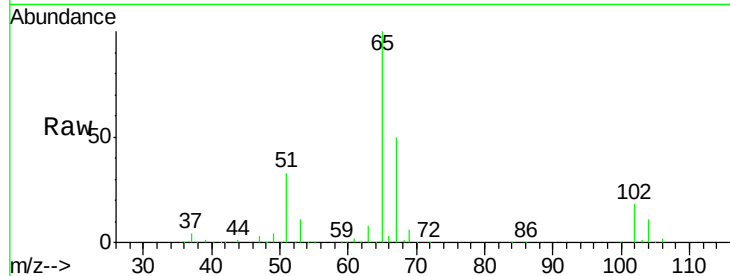




#33
 1,2-Dichloroethane-d4
 Concen: 50.974 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012185.D
 Acq: 07 Sep 2019 19:23

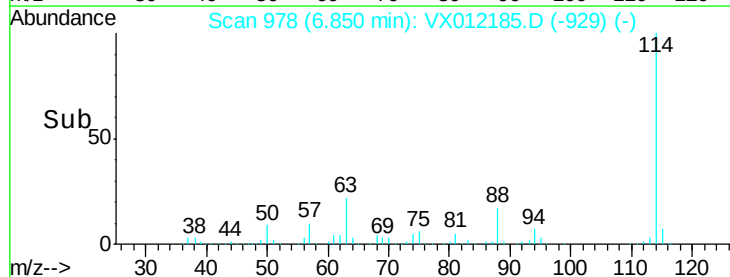
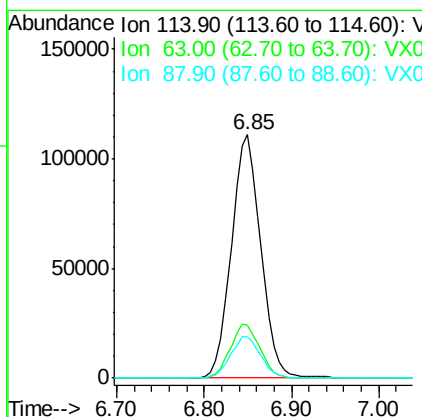
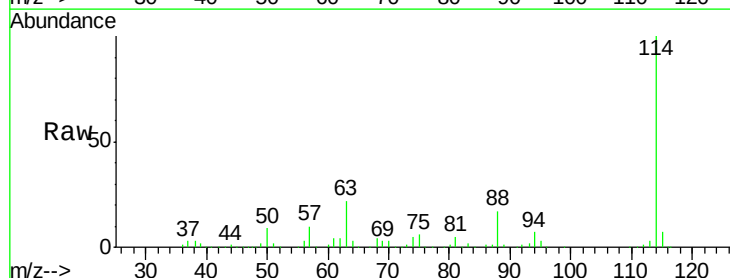
Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-D2-(0)

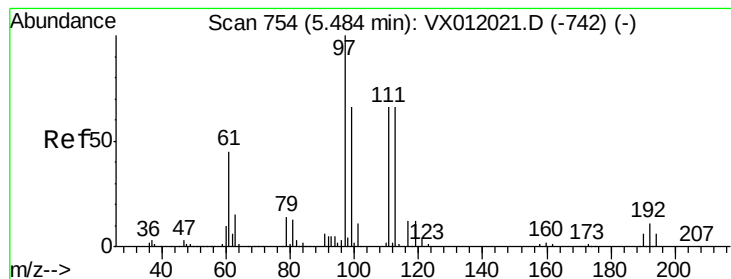
Tot Ion: 65 Resp: 103598
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012185.D
 Acq: 07 Sep 2019 19:23

Tgt Ion: 114 Resp: 259087
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 37.4
 88 17.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.159 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012185.D

Acq: 07 Sep 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

PAR-D2-(0)

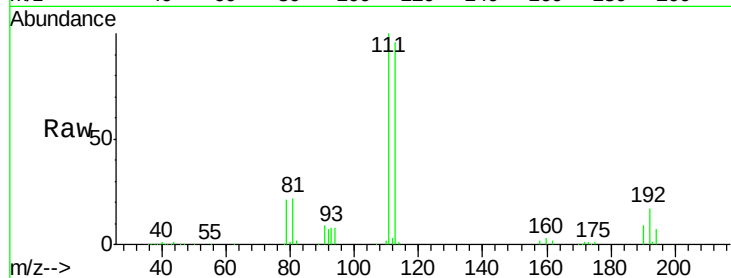
Tot Ion:113 Resp: 76732

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

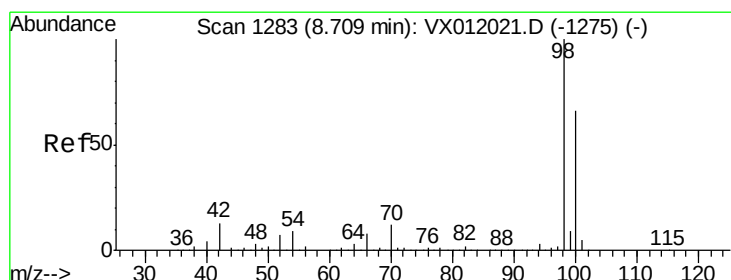
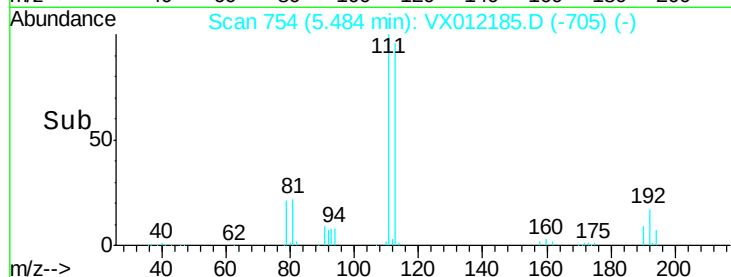
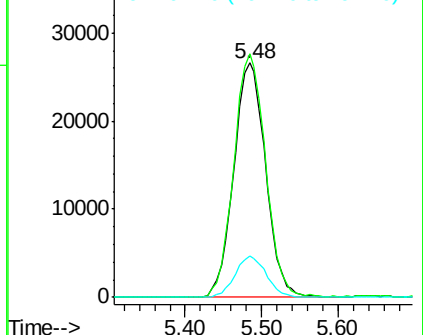
192 17.3 22.5 33.7#



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: 52.143 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012185.D

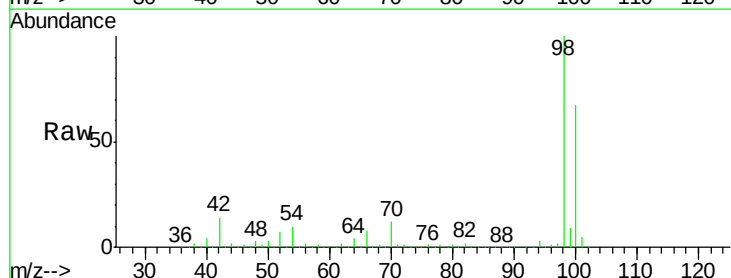
Acq: 07 Sep 2019 19:23

Tgt Ion: 98 Resp: 304868

Ion Ratio Lower Upper

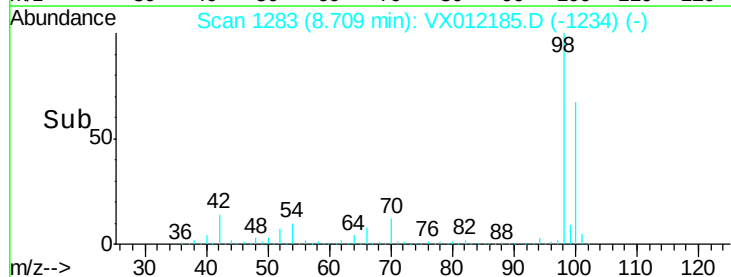
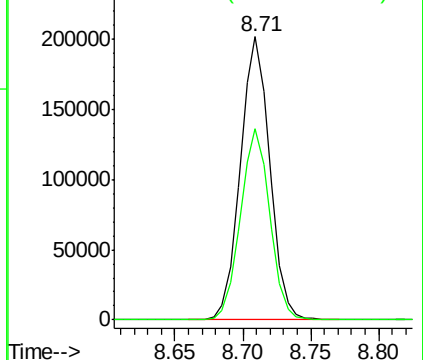
98 100

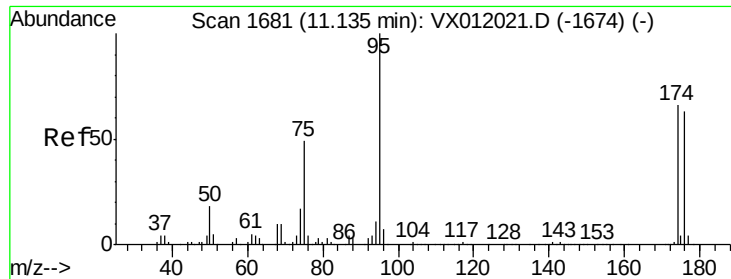
100 67.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

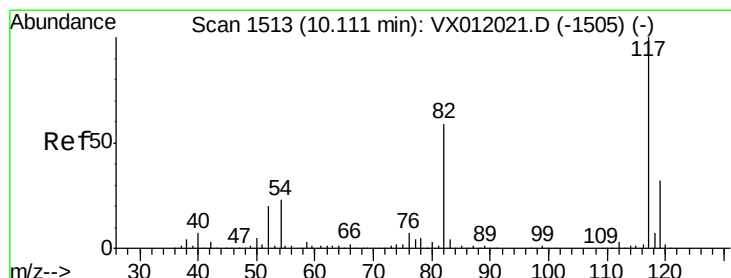
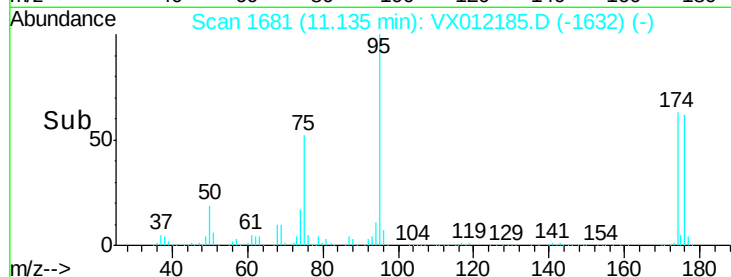
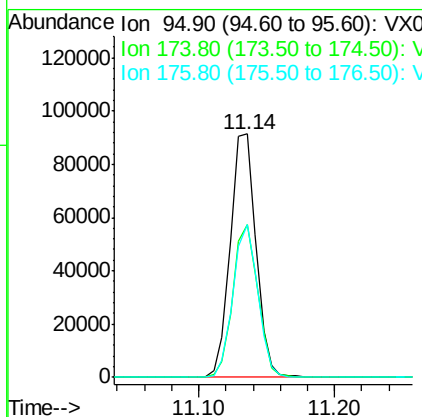
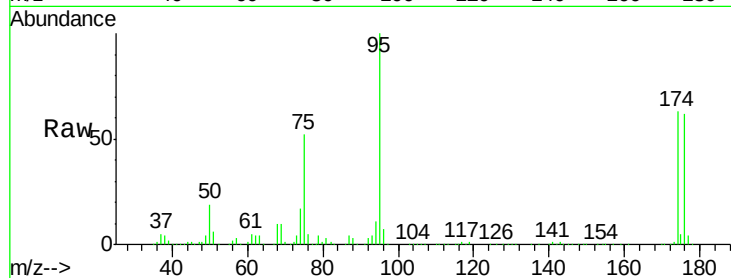




#62
4-Bromofluorobenzene
Concen: 44.368 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012185.D
Acq: 07 Sep 2019 19:23

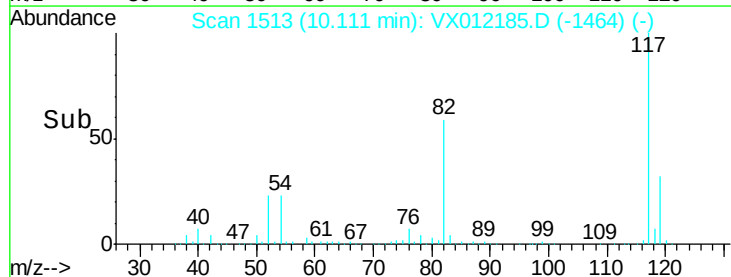
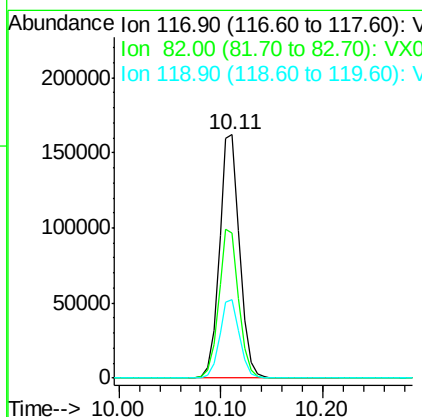
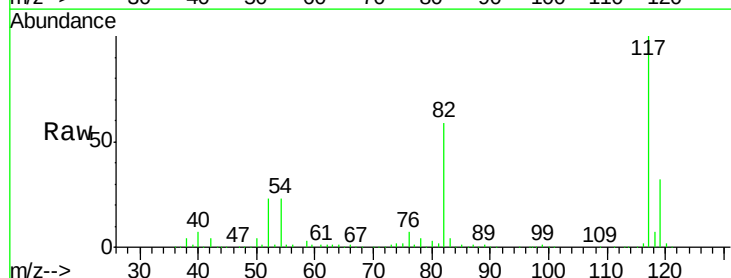
Instrument :
MSVOA_X
ClientSampleId :
PAR-D2-(0)

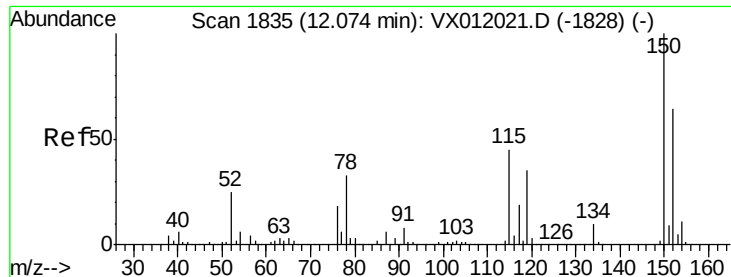
Tot Ion: 95 Resp: 120641
Ion Ratio Lower Upper
95 100
174 61.2 0.0 205.4
176 60.7 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012185.D
Acq: 07 Sep 2019 19:23

Tgt Ion: 117 Resp: 223740
Ion Ratio Lower Upper
117 100
82 59.3 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: VX012185.D

Acq: 07 Sep 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

PAR-D2-(0)

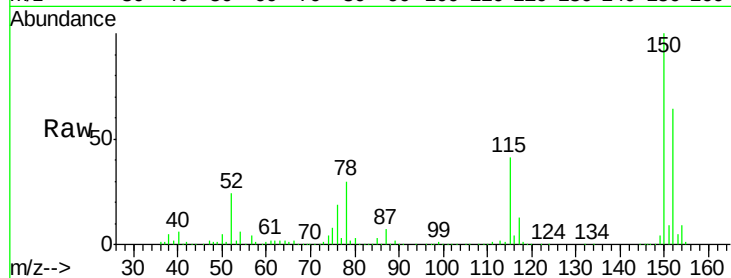
Tot Ion:152 Resp: 94033

Ion Ratio Lower Upper

152 100

115 64.7 36.4 109.3

150 156.8 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

