

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012183.D
 Acq On : 07 Sep 2019 18:27
 Operator : SY/SP
 Sample : K4602-12
 Misc : 5.68g/5.0mL/MSVOA X/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-C4-(3.11)

Quant Time: Sep 08 08:25:07 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

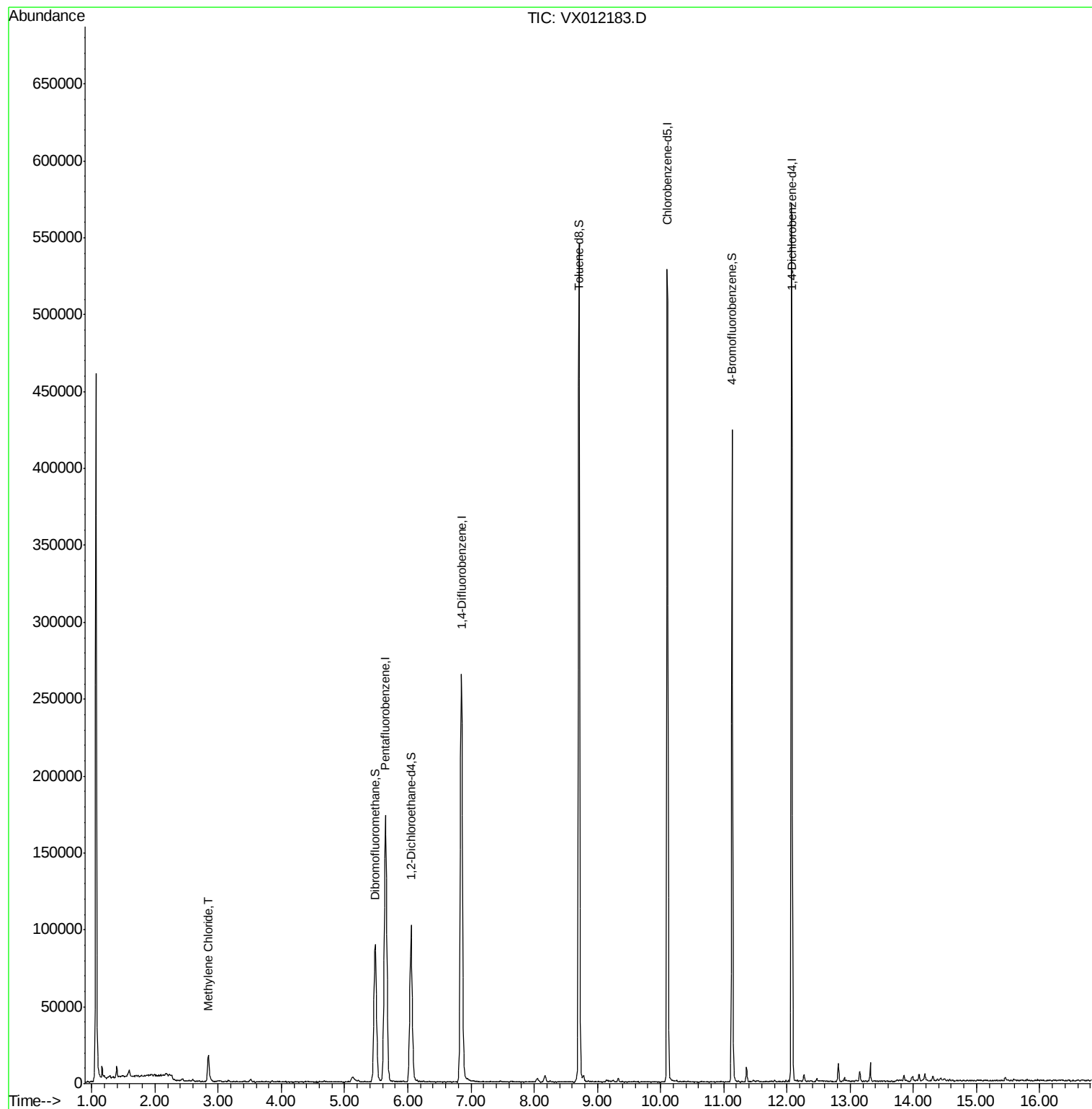
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	145750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	101899	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
35) Dibromofluoromethane	5.48	113	76207	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	8.71	98	303638	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
62) 4-Bromofluorobenzene	11.13	95	124406	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
Target Compounds						
20) Methylene Chloride	2.84	84	8080	4.186	ug/l	Qvalue 95

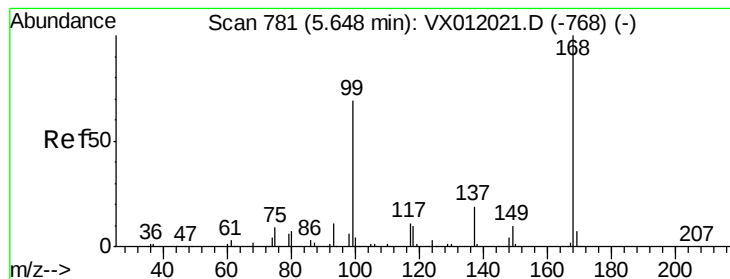
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012183.D

Acq: 07 Sep 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

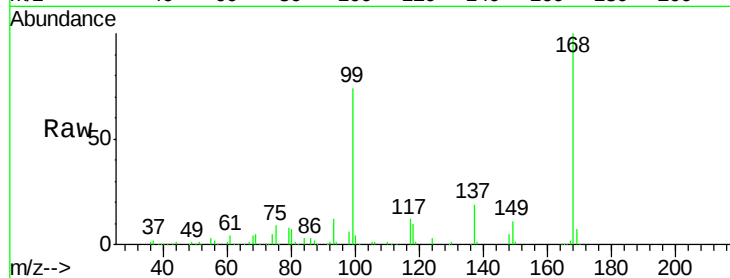
PAR-C4-(3.11)

Tot Ion:168 Resp: 145750

Ion Ratio Lower Upper

168 100

99 74.2 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

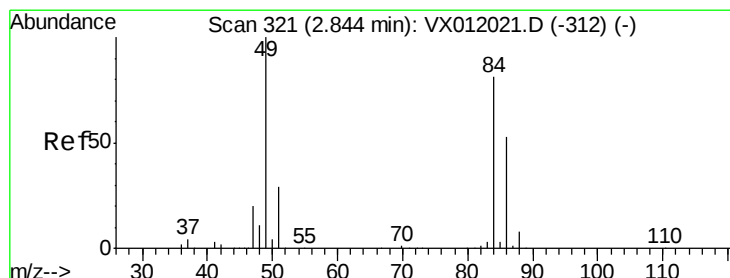
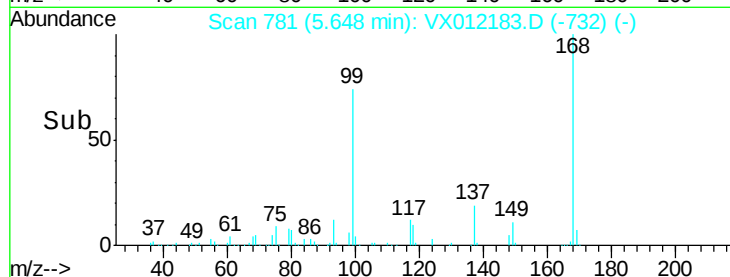
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 4.186 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012183.D

Acq: 07 Sep 2019 18:27

Tgt Ion: 84 Resp: 8080

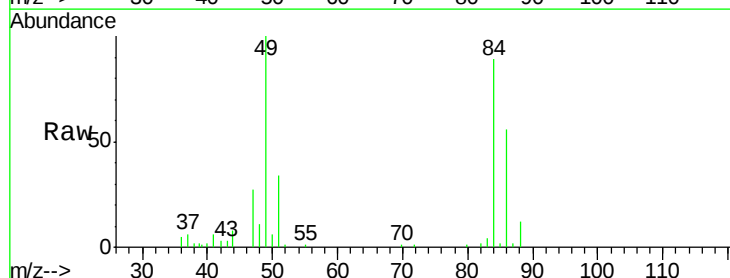
Ion Ratio Lower Upper

84 100

49 112.1 95.8 143.8

51 38.5 28.6 43.0

86 62.3 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.84

6000

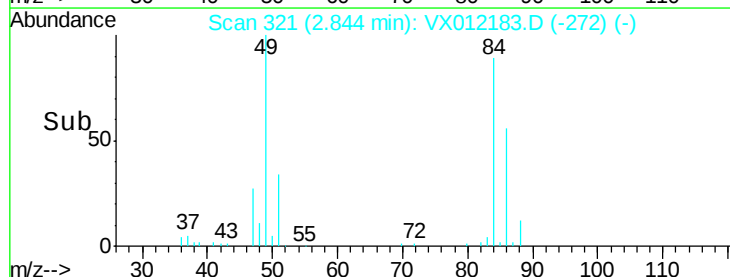
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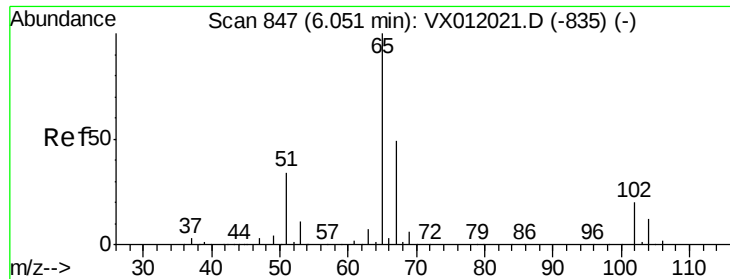
2000

0

Time-->

2.75 2.80 2.85 2.90 2.95

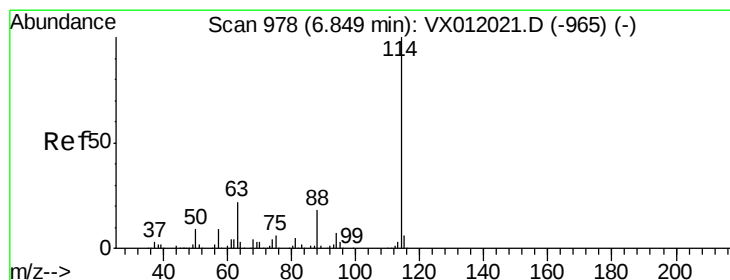
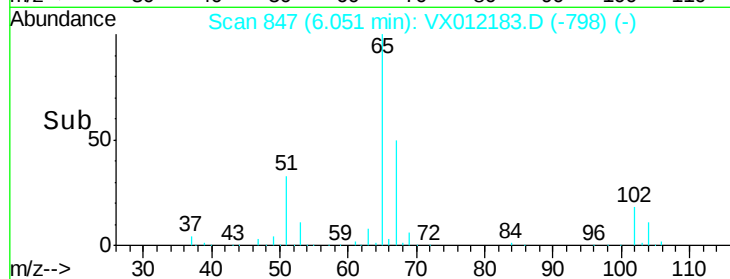
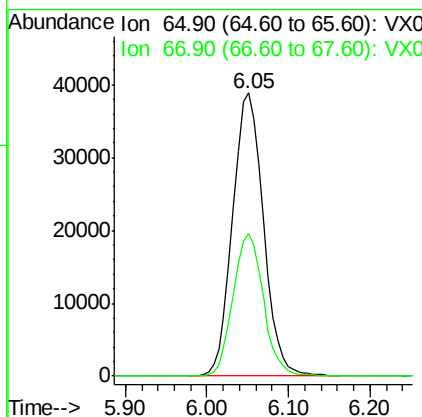
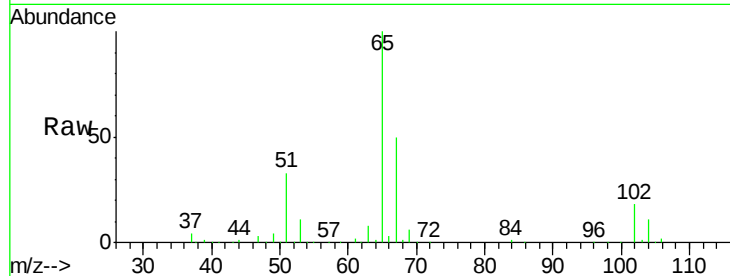




#33
 1,2-Dichloroethane-d4
 Concen: 50.669 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012183.D
 Acq: 07 Sep 2019 18:27

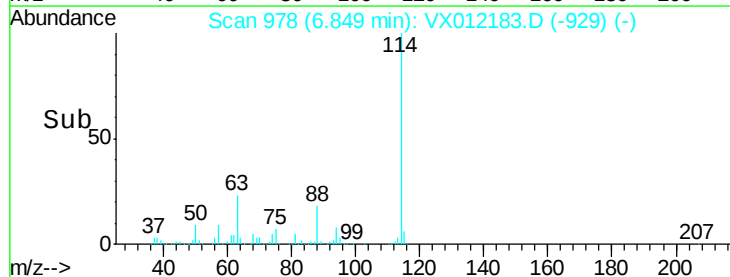
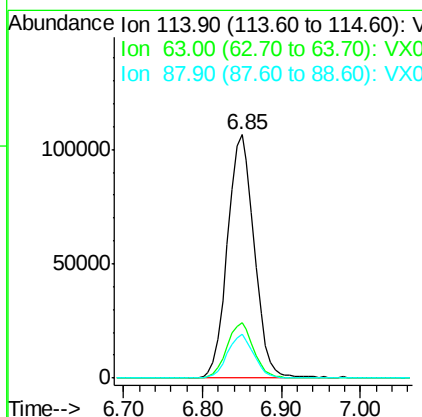
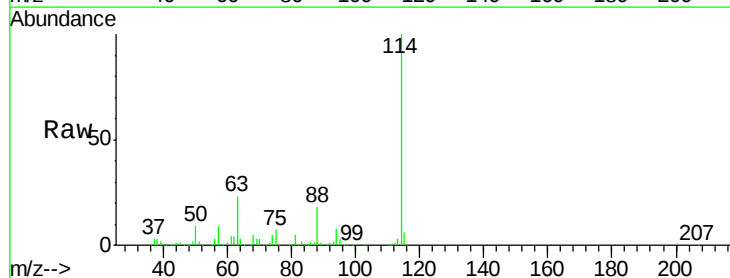
Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-C4-(3.11)

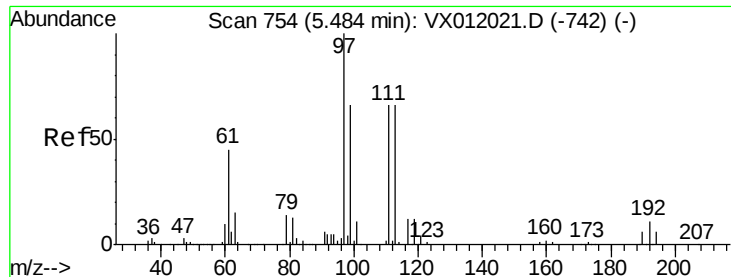
Tot Ion: 65 Resp: 101899
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012183.D
 Acq: 07 Sep 2019 18:27

Tgt Ion: 114 Resp: 251944
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 37.4
 88 18.0 0.0 29.6

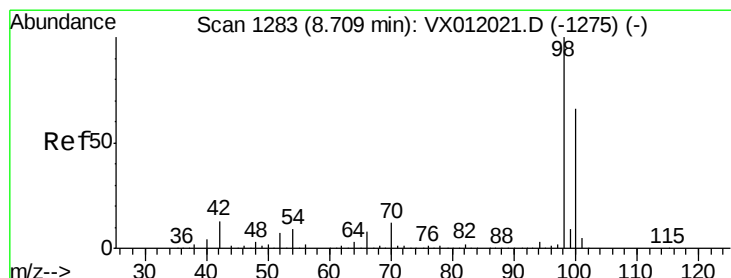
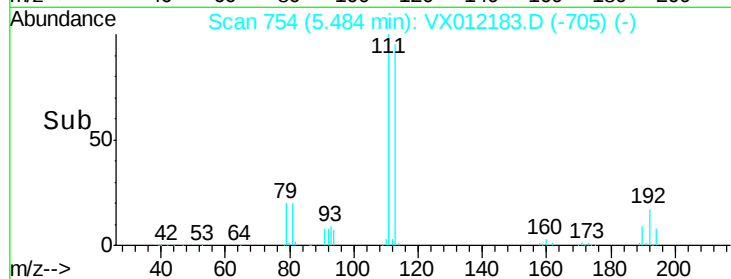
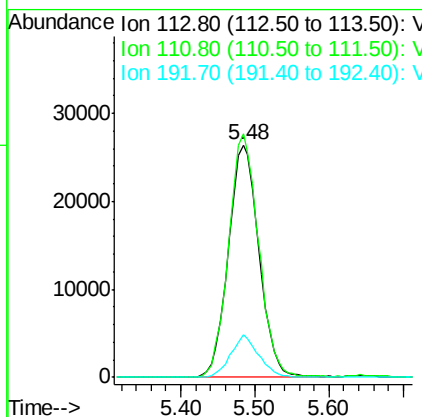
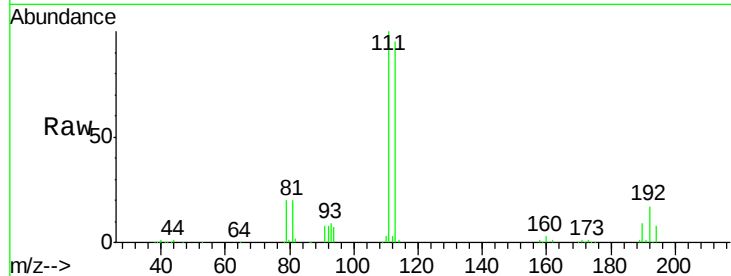




#35
 Dibromofluoromethane
 Concen: 49.185 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012183.D
 Acq: 07 Sep 2019 18:27

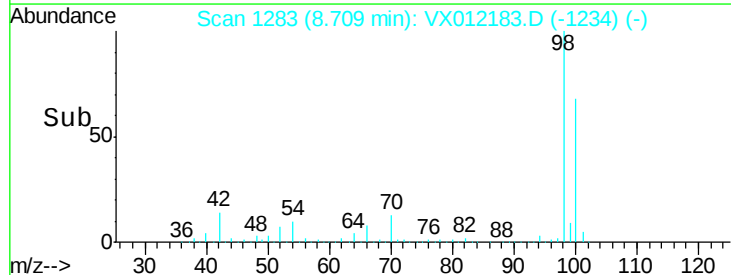
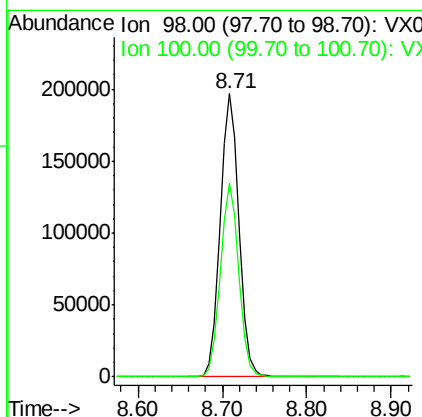
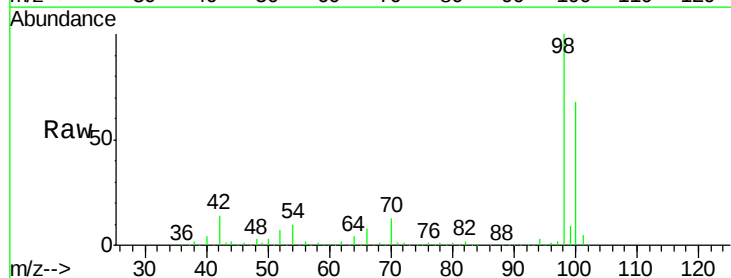
Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-C4-(3.11)

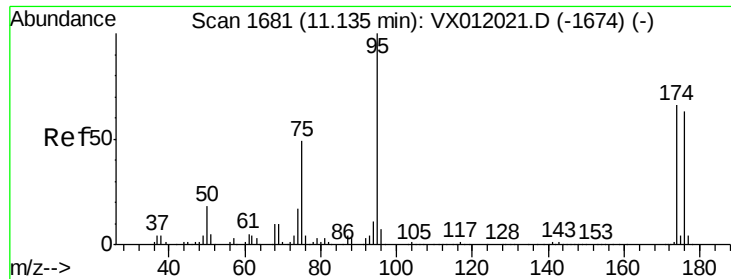
Tot Ion:113 Resp: 76207
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.7 122.5
 192 16.6 22.5 33.7#



#50
 Toluene-d8
 Concen: 53.405 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012183.D
 Acq: 07 Sep 2019 18:27

Tgt Ion: 98 Resp: 303638
 Ion Ratio Lower Upper
 98 100
 100 67.0 53.3 79.9

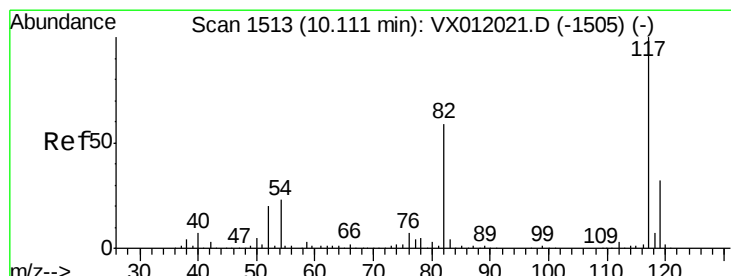
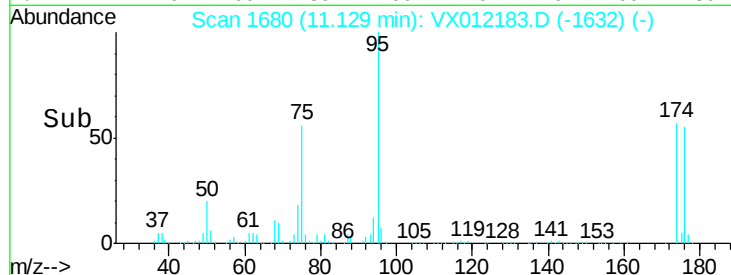
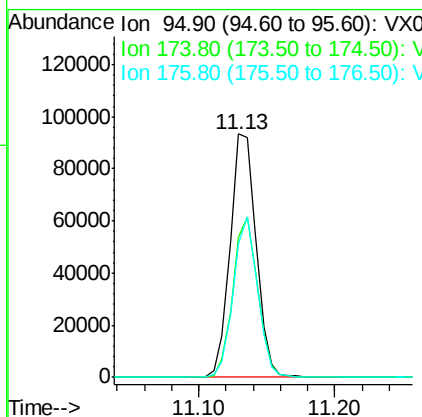
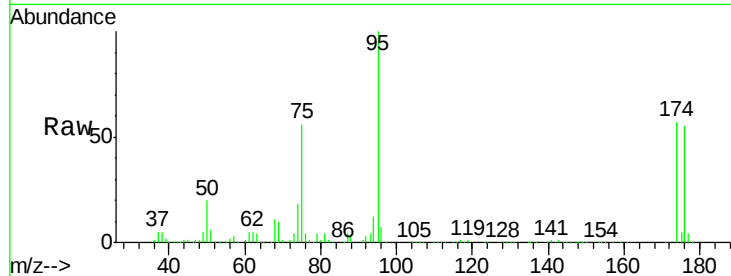




#62
4-Bromofluorobenzene
Concen: 47.050 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012183.D
Acq: 07 Sep 2019 18:27

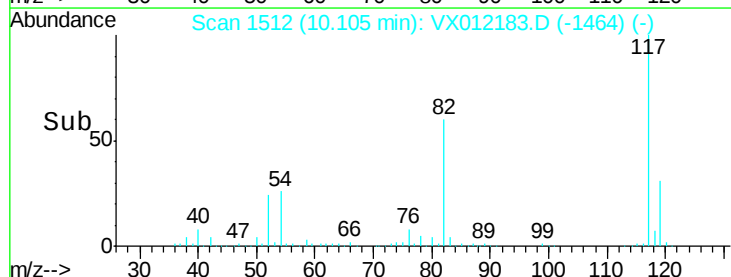
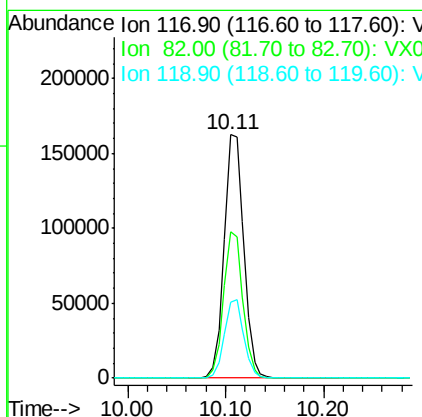
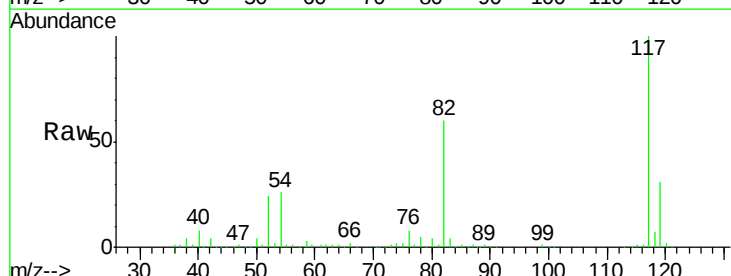
Instrument :
MSVOA_X
ClientSampleId :
PAR-C4-(3.11)

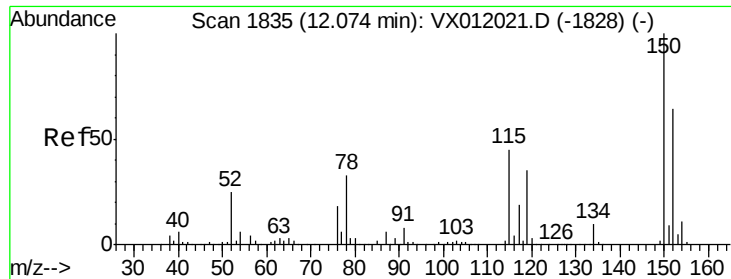
Tot Ion: 95 Resp: 124406
Ion Ratio Lower Upper
95 100
174 63.2 0.0 205.4
176 61.2 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012183.D
Acq: 07 Sep 2019 18:27

Tgt Ion: 117 Resp: 226287
Ion Ratio Lower Upper
117 100
82 60.3 39.4 59.0#
119 31.4 26.1 39.1

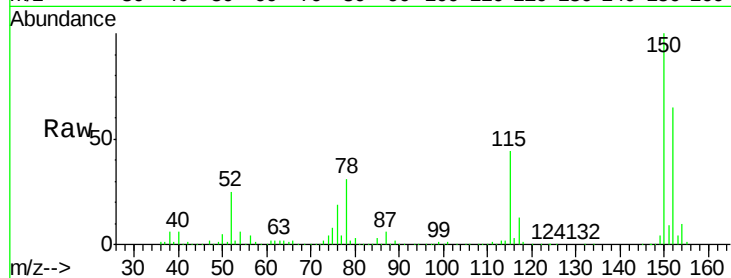




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012183.D
 Acq: 07 Sep 2019 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-C4-(3.11)

Tot Ion	Ratio	Lower	Upper
152	100		
115	67.1	36.4	109.3
150	157.3	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

