

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012136.D
 Acq On : 06 Sep 2019 08:55
 Operator : SY/SP
 Sample : K4580-11
 Misc : 4.53g/5.0mL/MSVOA X/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-12-C1-(3.5)

Quant Time: Sep 06 11:46:02 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

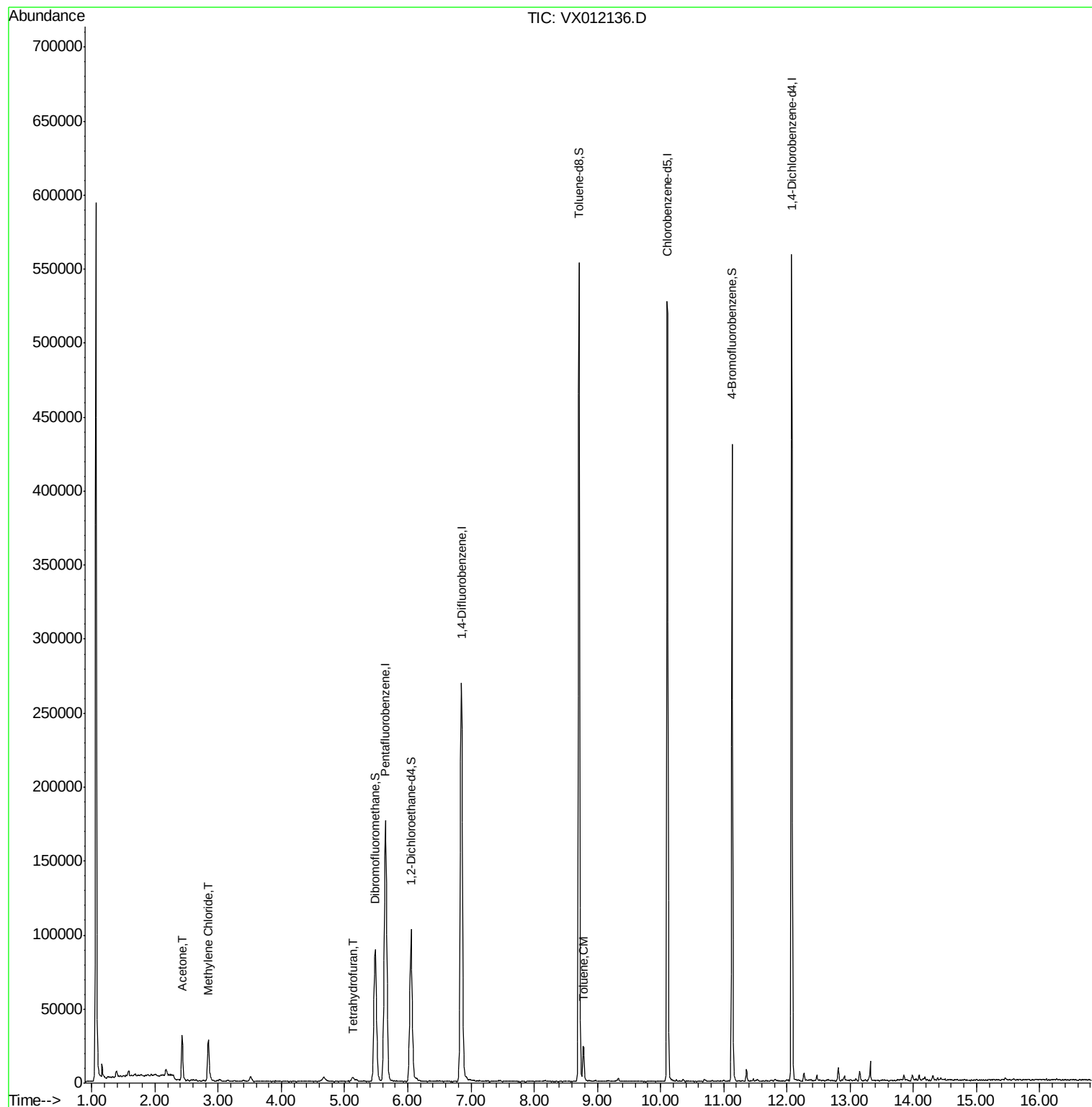
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	147323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	227646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	102358	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
35) Dibromofluoromethane	5.48	113	77153	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	8.71	98	308178	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	11.14	95	125088	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
Target Compounds						
16) Acetone	2.43	43	31055	63.916	ug/l	99
20) Methylene Chloride	2.84	84	13144	6.737	ug/l	98
29) Tetrahydrofuran	5.14	42	3141	8.429	ug/l	94
52) Toluene	8.78	92	8117	1.914	ug/l	94

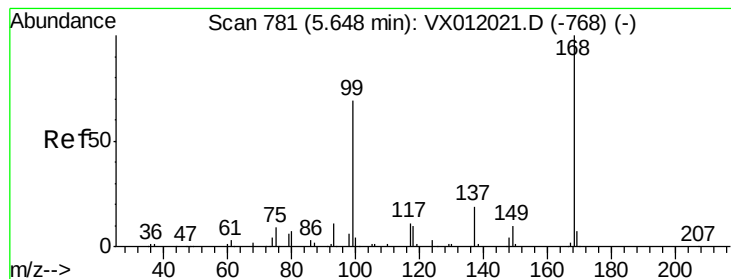
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012136.D

Acq: 06 Sep 2019 08:55

Instrument :

MSVOA_X

ClientSampleId :

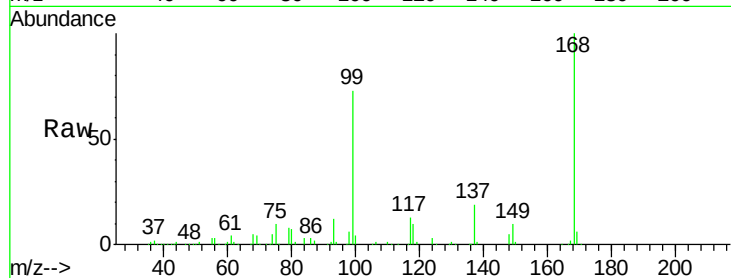
PAR-12-C1-(3.5)

Tot Ion:168 Resp: 147323

Ion Ratio Lower Upper

168 100

99 73.2 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

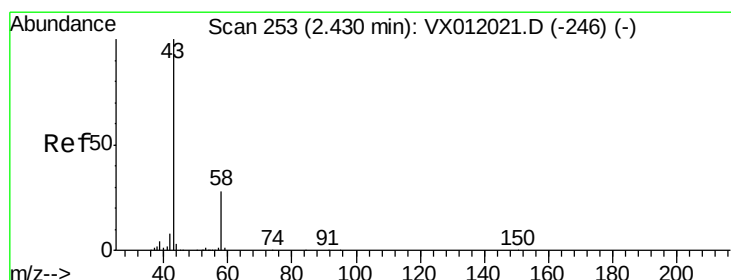
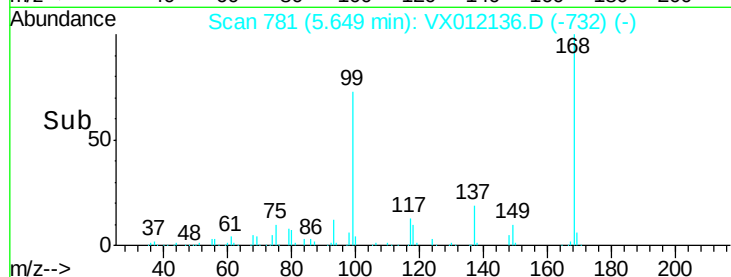
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 63.916 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012136.D

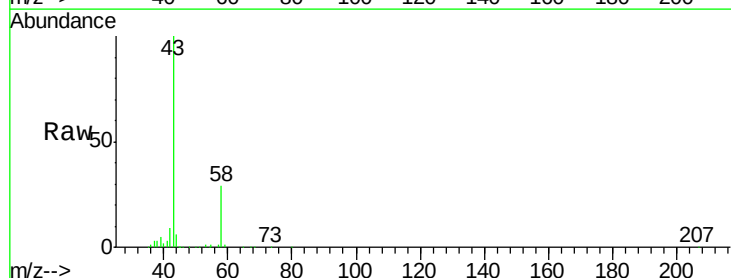
Acq: 06 Sep 2019 08:55

Tgt Ion: 43 Resp: 31055

Ion Ratio Lower Upper

43 100

58 29.0 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

20000

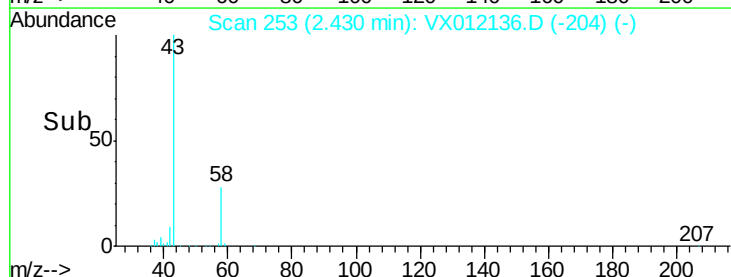
15000

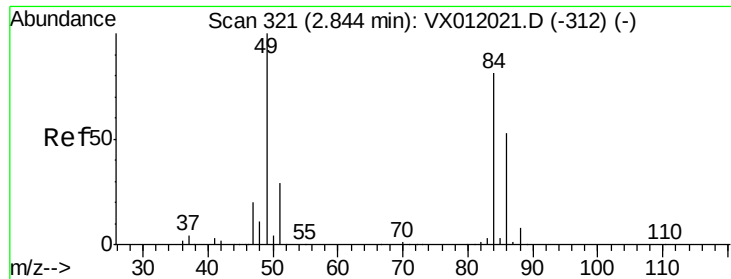
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

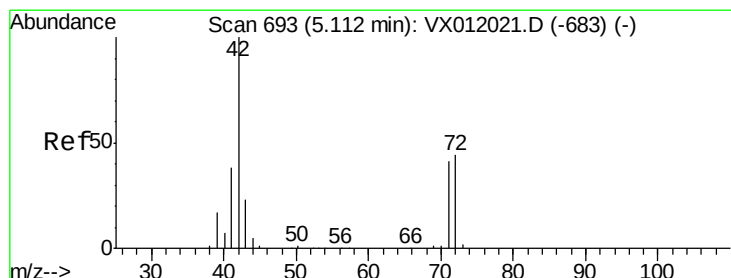
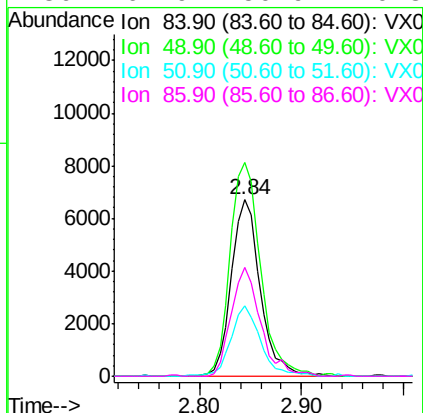
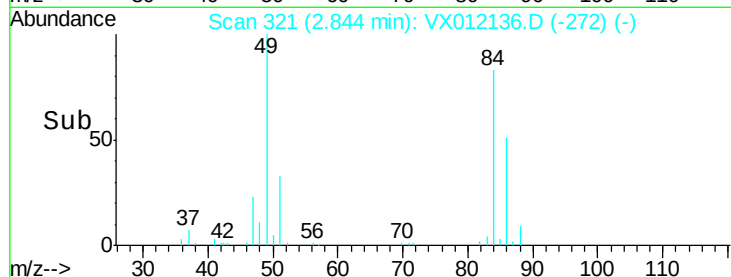
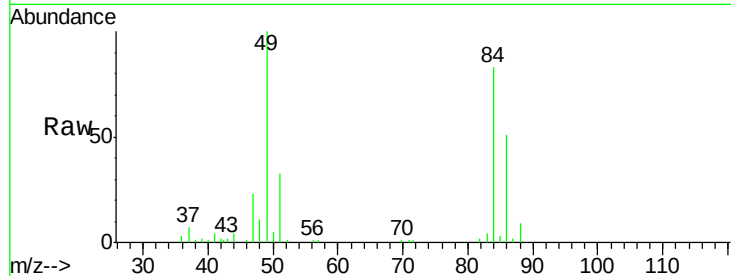




#20
Methylene Chloride
Concen: 6.737 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012136.D
Acq: 06 Sep 2019 08:55

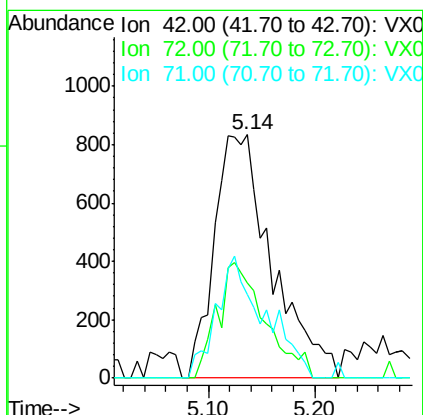
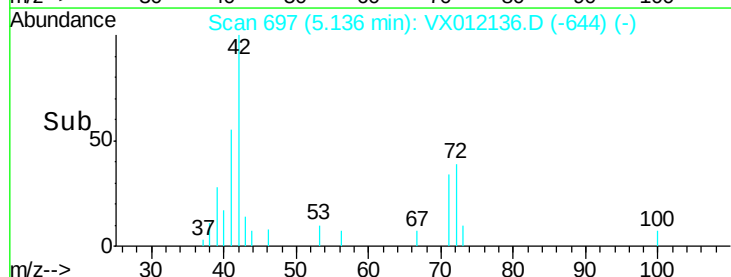
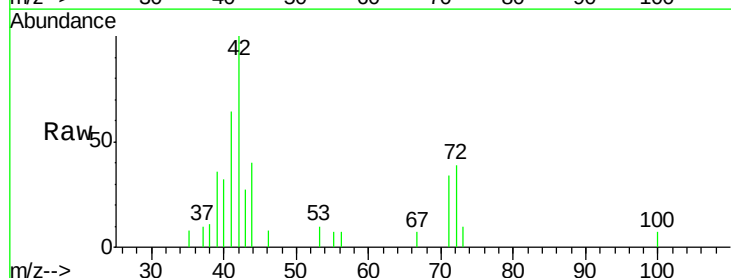
Instrument :
MSVOA_X
ClientSampleId :
PAR-12-C1-(3.5)

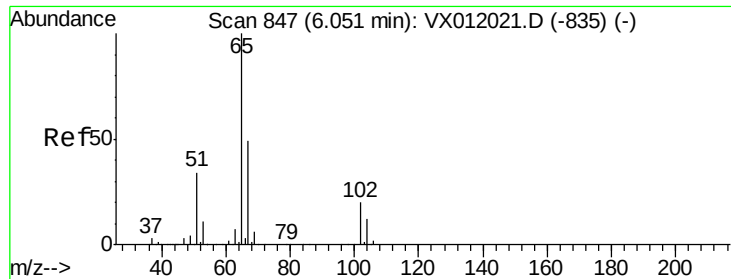
Tot Ion:	84	Resp:	13144
Ion	Ratio	Lower	Upper
84	100		
49	121.1	95.8	143.8
51	38.8	28.6	43.0
86	61.9	50.9	76.3



#29
Tetrahydrofuran
Concen: 8.429 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX012136.D
Acq: 06 Sep 2019 08:55

Tgt Ion:	42	Resp:	3141
Ion	Ratio	Lower	Upper
42	100		
72	39.2	37.0	55.4
71	41.9	33.8	50.8

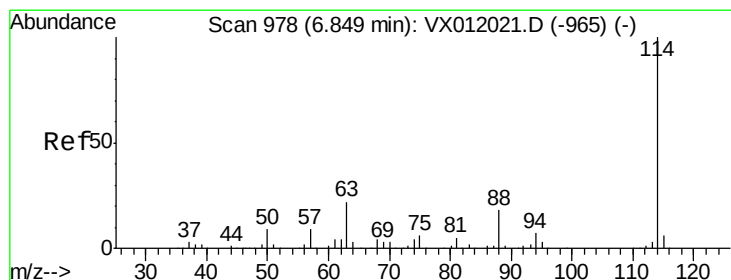
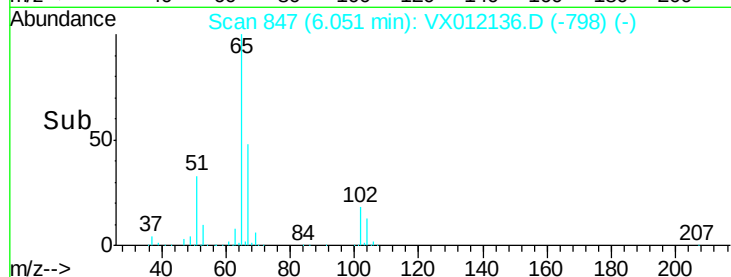
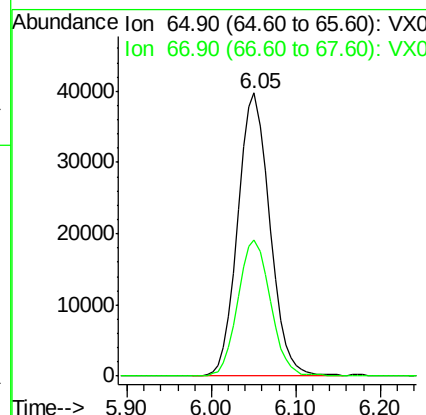
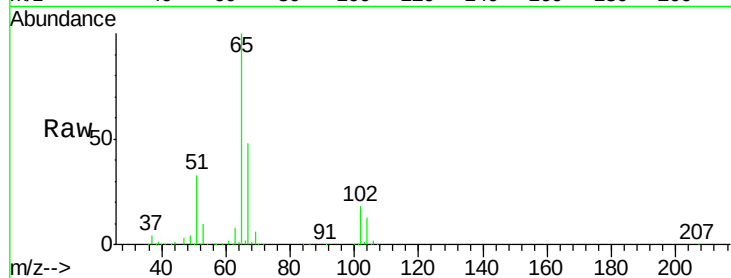




#33
 1,2-Dichloroethane-d4
 Concen: 50.354 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012136.D
 Acq: 06 Sep 2019 08:55

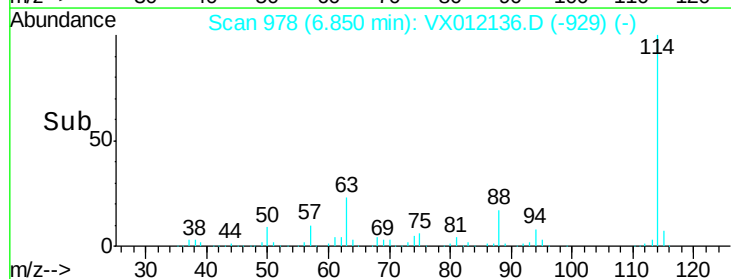
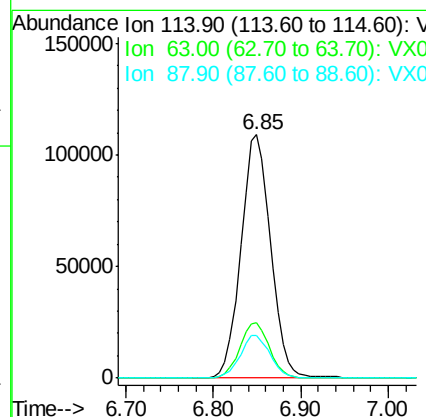
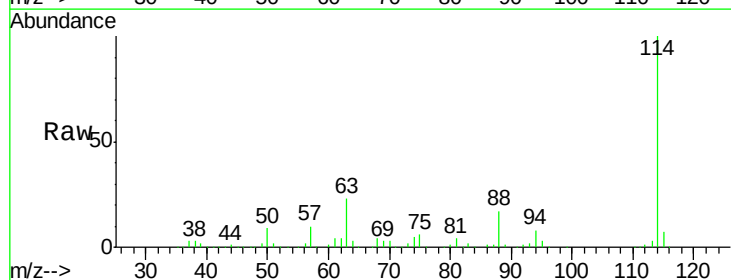
Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-12-C1-(3.5)

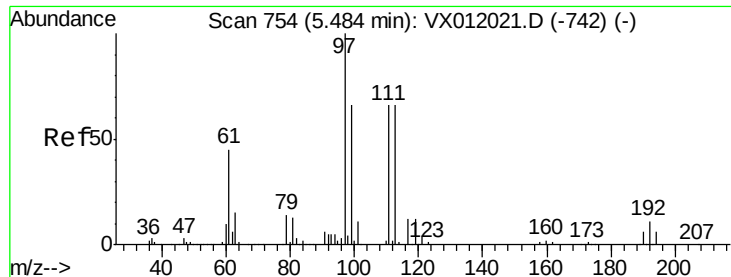
Tot Ion: 65 Resp: 102358
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012136.D
 Acq: 06 Sep 2019 08:55

Tgt Ion: 114 Resp: 257737
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 37.4
 88 17.3 0.0 29.6

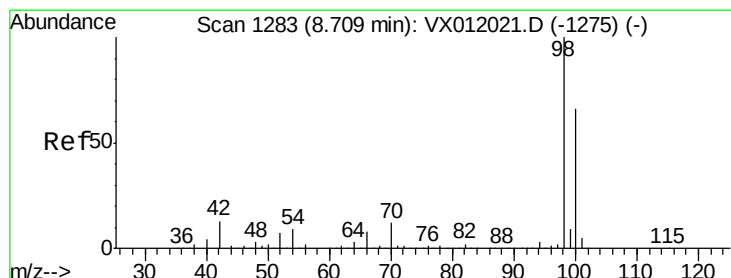
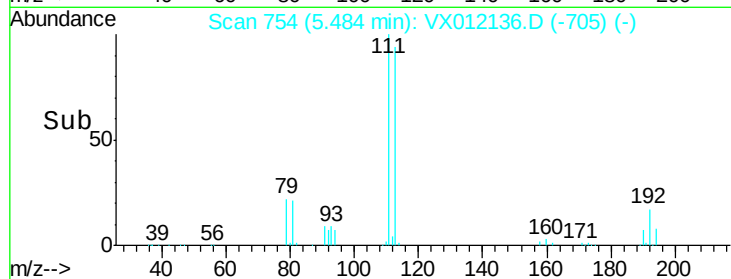
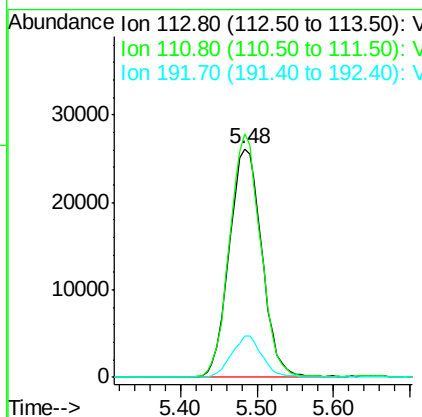
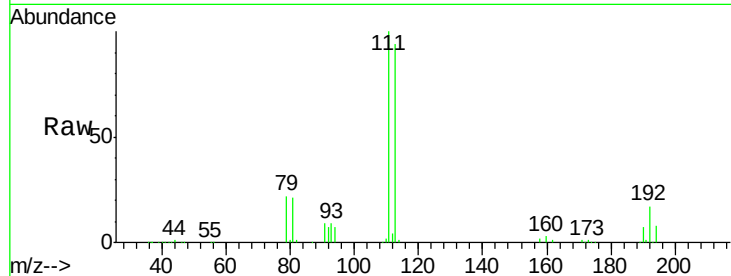




#35
 Dibromofluoromethane
 Concen: 48.677 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012136.D
 Acq: 06 Sep 2019 08:55

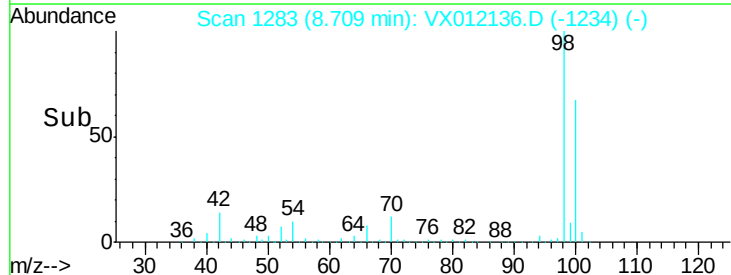
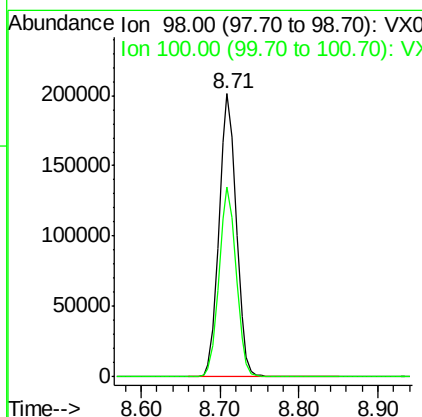
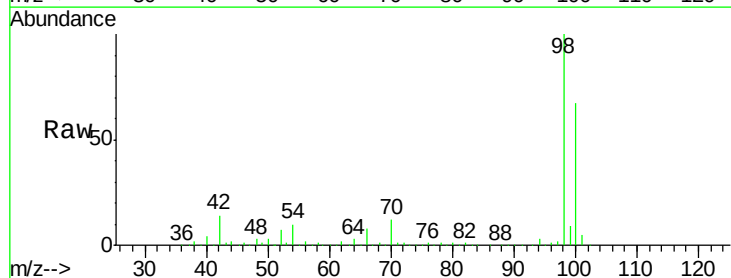
Instrument :
 MSVOA_X
 ClientSampled :
 PAR-12-C1-(3.5)

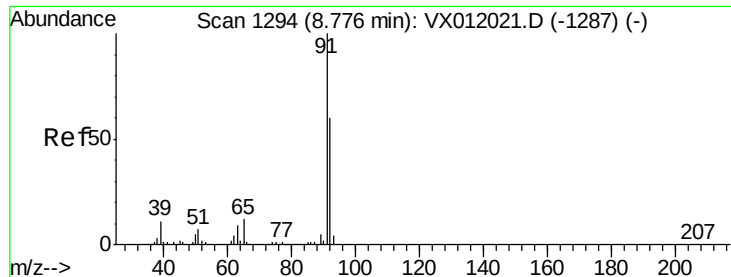
Tot Ion:113 Resp: 77153
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 17.0 22.5 33.7#



#50
 Toluene-d8
 Concen: 52.986 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012136.D
 Acq: 06 Sep 2019 08:55

Tgt Ion: 98 Resp: 308178
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.3 79.9





#52

Toluene

Concen: 1.914 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012136.D

Acq: 06 Sep 2019 08:55

Instrument :

MSVOA_X

ClientSampleId :

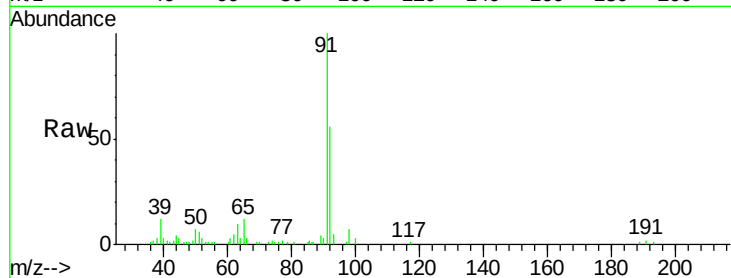
PAR-12-C1-(3.5)

Tot Ion: 92 Resp: 8117

Ion Ratio Lower Upper

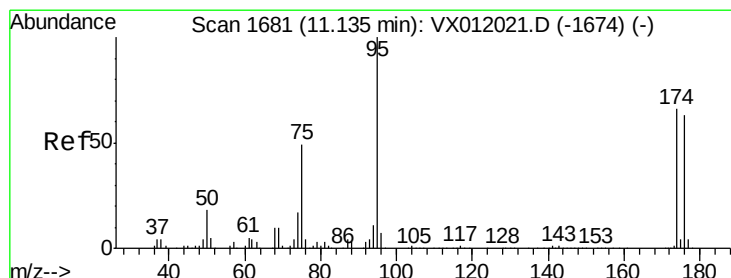
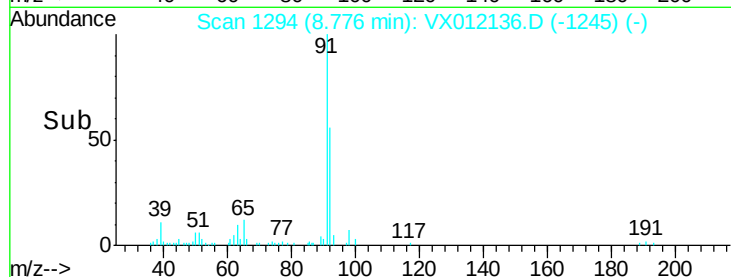
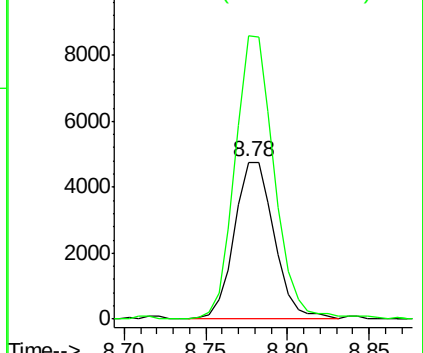
92 100

91 178.6 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.245 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012136.D

Acq: 06 Sep 2019 08:55

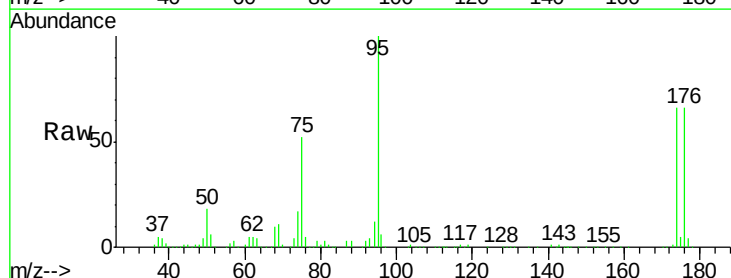
Tgt Ion: 95 Resp: 125088

Ion Ratio Lower Upper

95 100

174 62.1 0.0 205.4

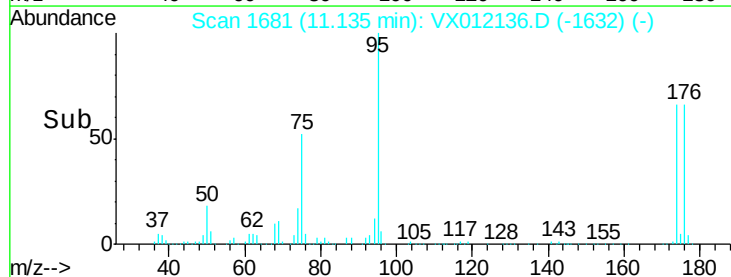
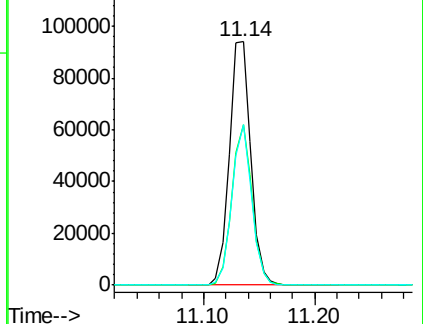
176 61.0 0.0 201.8

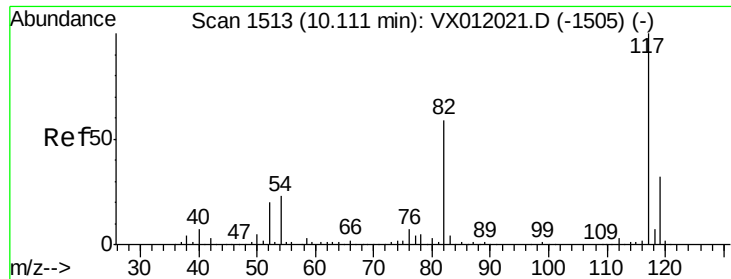


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

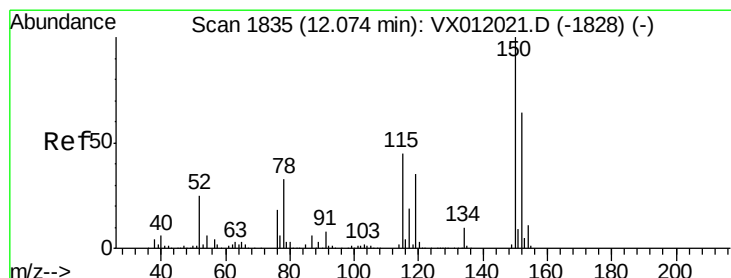
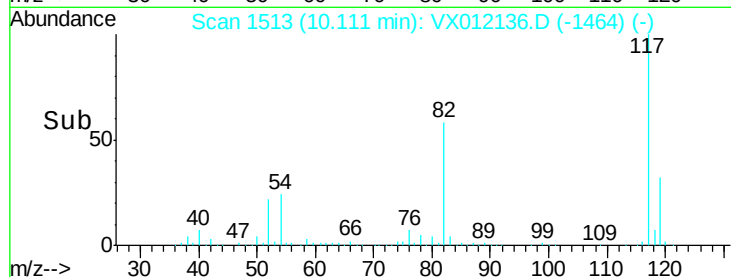
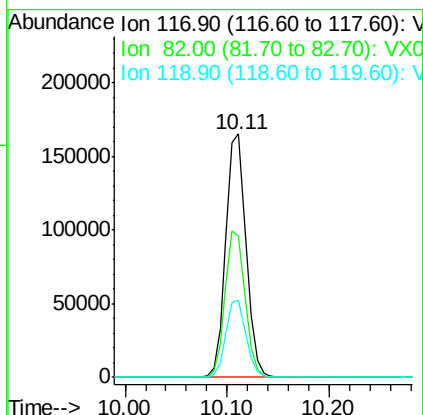
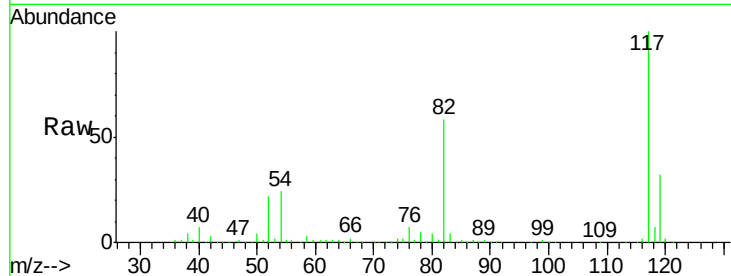




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VX012136.D
 Acq: 06 Sep 2019 08:55

Instrument :
 MSVOA_X
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 PAR-12-C1-(3.5)

Tot Ion:117 Resp: 227646
 Ion Ratio Lower Upper
 117 100
 82 58.2 39.4 59.0
 119 31.8 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: VX012136.D
 Acq: 06 Sep 2019 08:55

Tgt Ion:152 Resp: 103269
 Ion Ratio Lower Upper
 152 100
 115 66.1 36.4 109.3
 150 153.0 0.0 341.2

