

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012177.D
 Acq On : 07 Sep 2019 15:39
 Operator : SY/SP
 Sample : K4602-05
 Misc : 5.94g/5.0mL/MSVOA X/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-G2-(2.7)

Quant Time: Sep 08 08:13:14 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

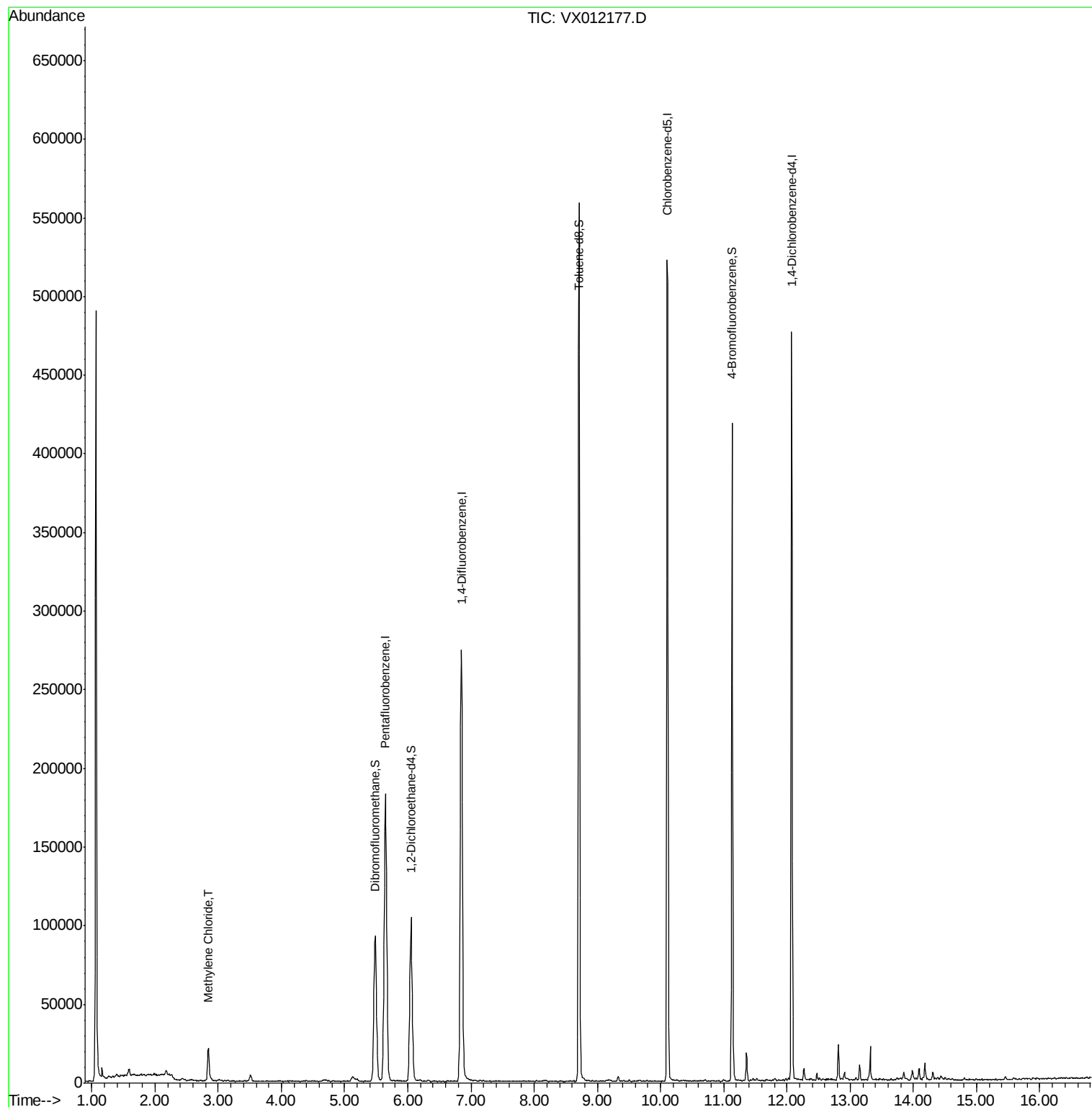
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	152424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	263877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	105107	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
35) Dibromofluoromethane	5.48	113	79369	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	309452	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.14	95	117682	42.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.98%	
Target Compounds						
20) Methylene Chloride	2.84	84	9699	4.805	ug/l	Qvalue 91

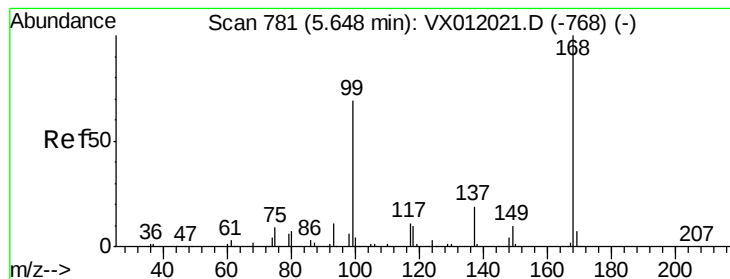
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX012177.D

Acq: 07 Sep 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

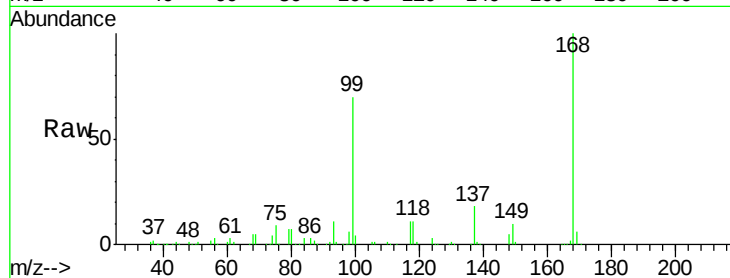
T12-G2-(2.7)

Tot Ion:168 Resp: 152424

Ion Ratio Lower Upper

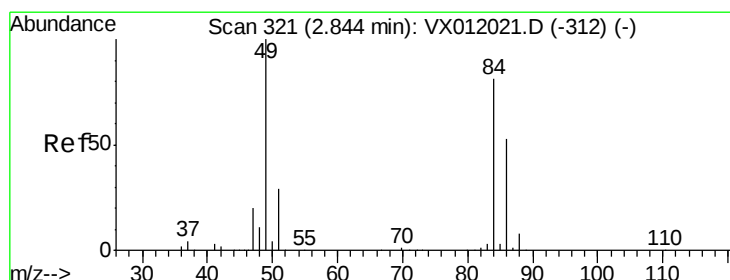
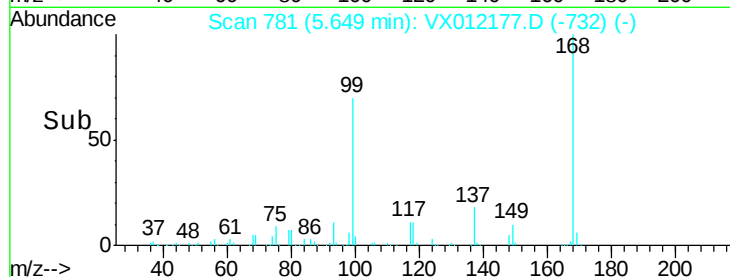
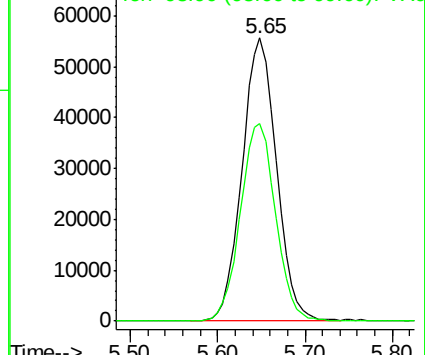
168 100

99 69.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 4.805 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012177.D

Acq: 07 Sep 2019 15:39

Tgt Ion: 84 Resp: 9699

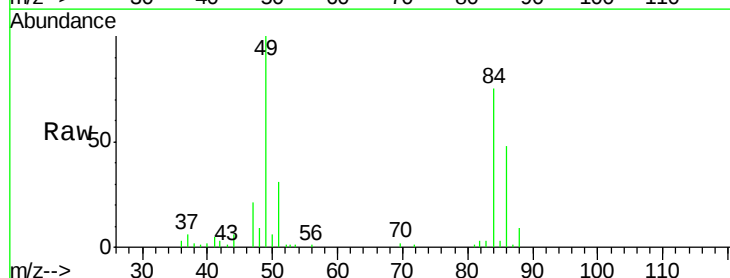
Ion Ratio Lower Upper

84 100

49 134.1 95.8 143.8

51 41.4 28.6 43.0

86 63.8 50.9 76.3

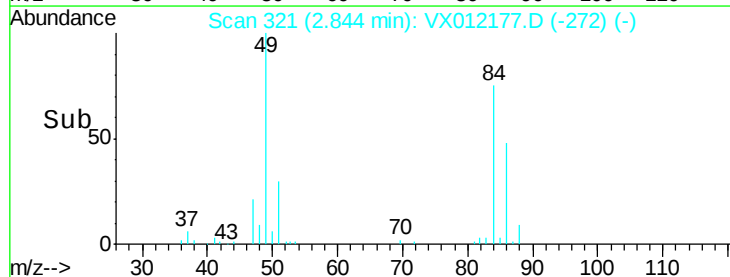
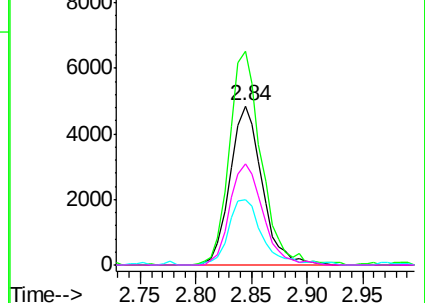


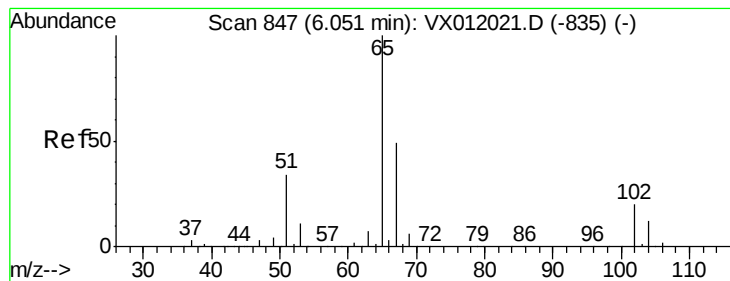
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#33

1,2-Dichloroethane-d4

Concen: 49.976 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012177.D

Acq: 07 Sep 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

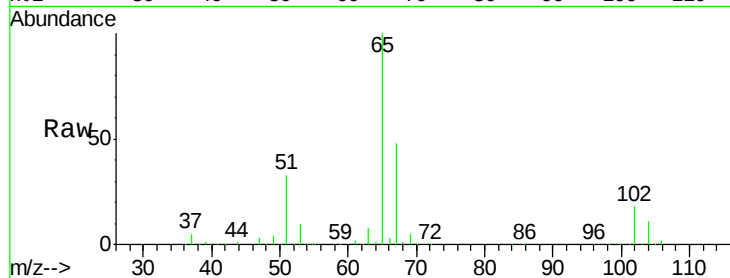
T12-G2-(2.7)

Tot Ion: 65 Resp: 105107

Ion Ratio Lower Upper

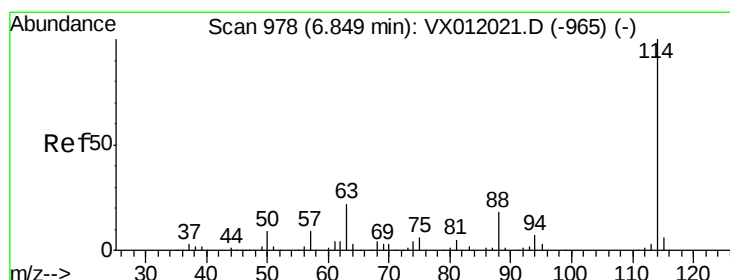
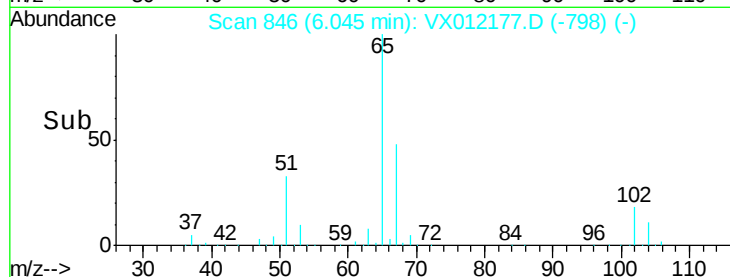
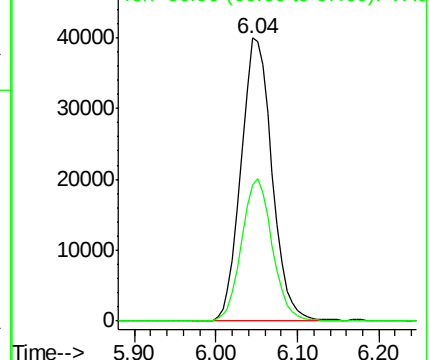
65 100

67 49.8 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012177.D

Acq: 07 Sep 2019 15:39

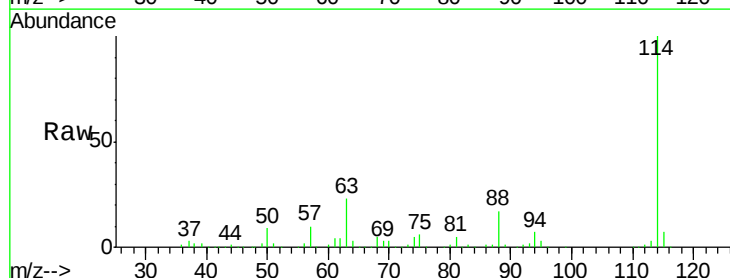
Tgt Ion: 114 Resp: 263877

Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.4

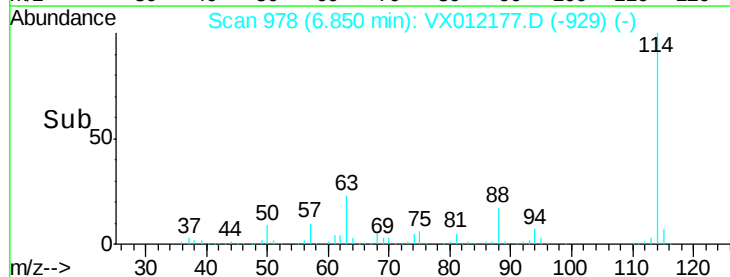
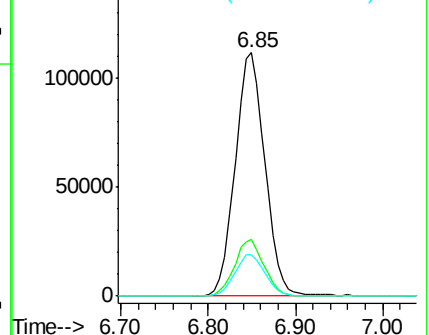
88 17.2 0.0 29.6

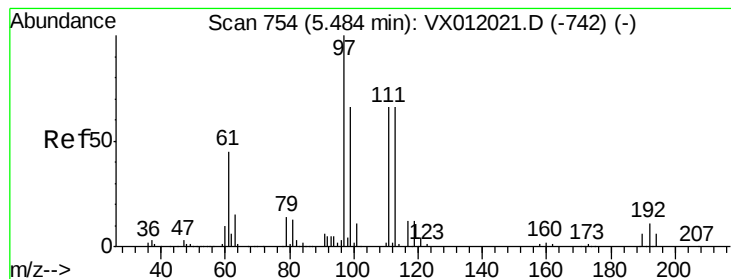


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.910 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012177.D

Acq: 07 Sep 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

T12-G2-(2.7)

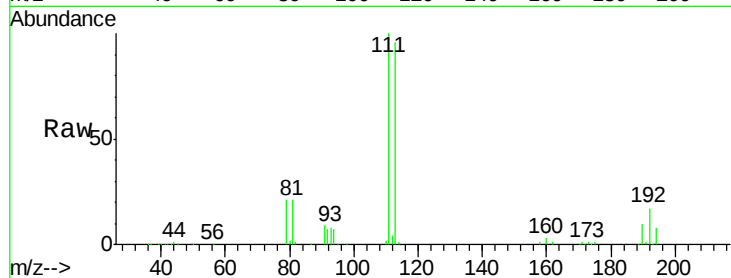
Tot Ion:113 Resp: 79369

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

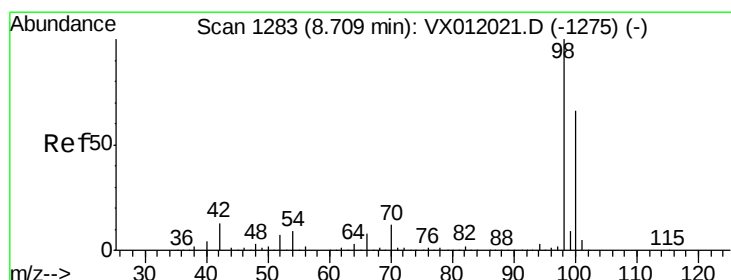
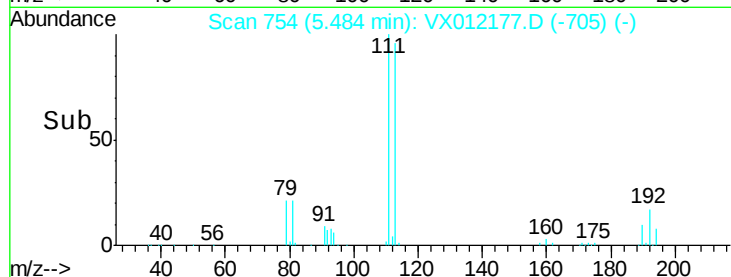
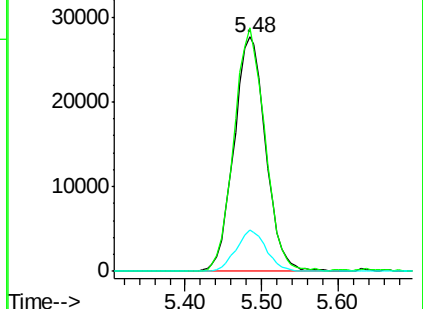
192 16.8 22.5 33.7#



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: 51.967 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012177.D

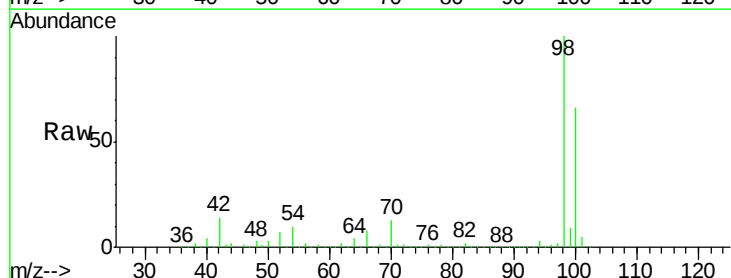
Acq: 07 Sep 2019 15:39

Tgt Ion: 98 Resp: 309452

Ion Ratio Lower Upper

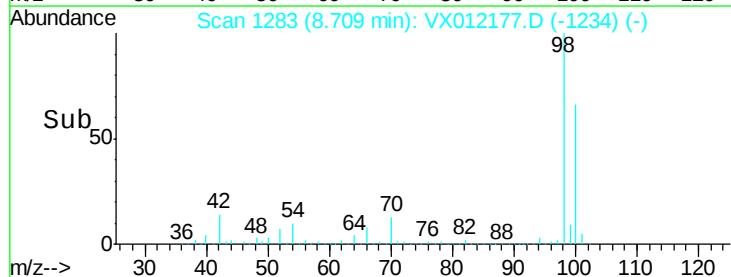
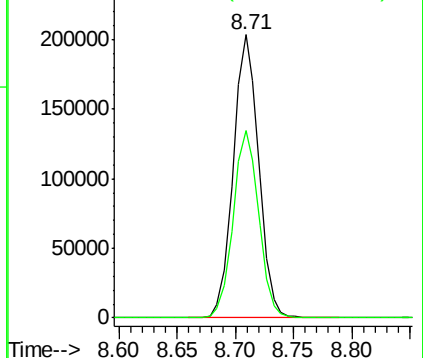
98 100

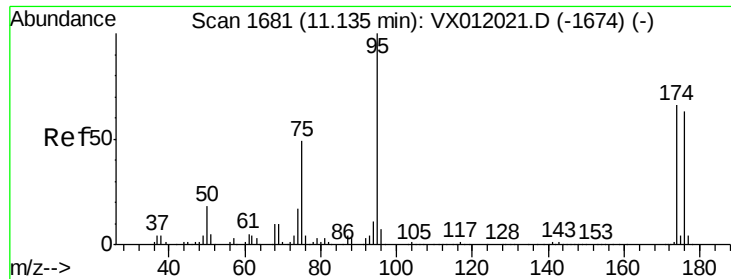
100 66.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

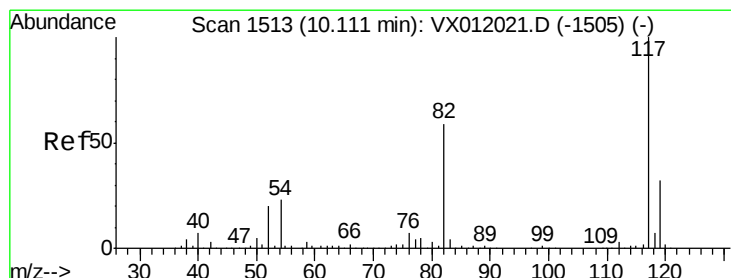
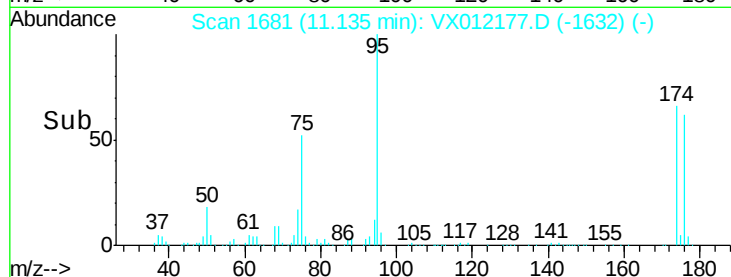
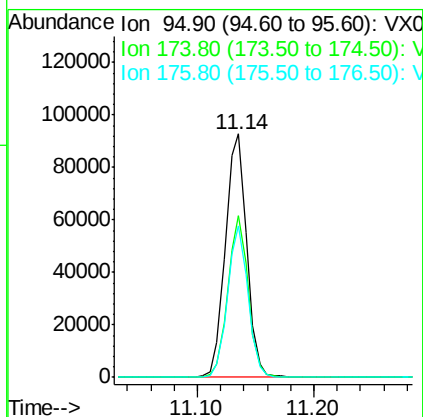
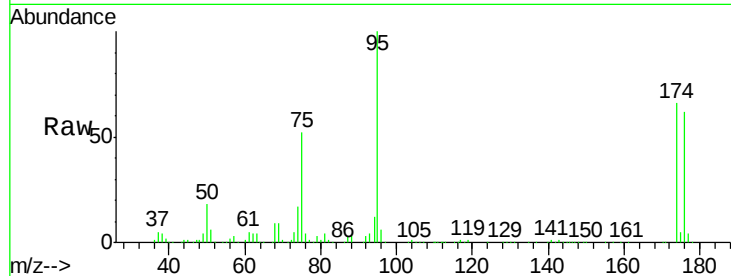




#62
4-Bromofluorobenzene
Concen: 42.495 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012177.D
Acq: 07 Sep 2019 15:39

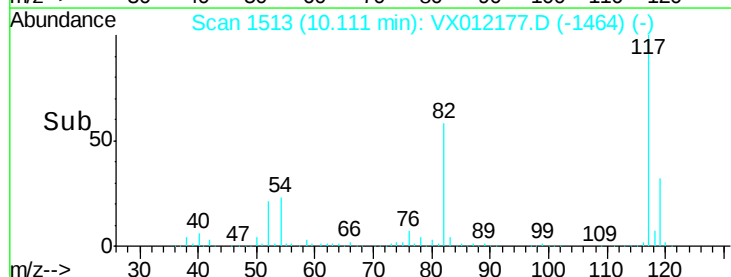
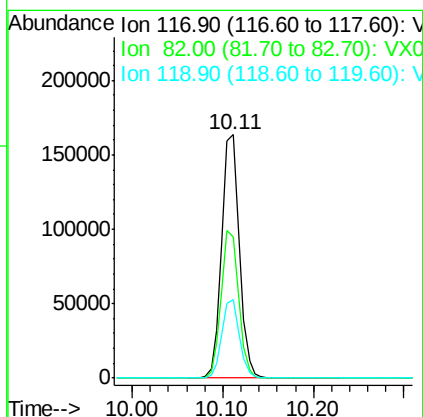
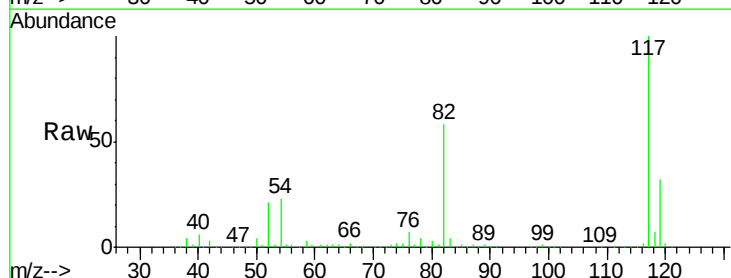
Instrument :
MSVOA_X
ClientSampleId :
T12-G2-(2.7)

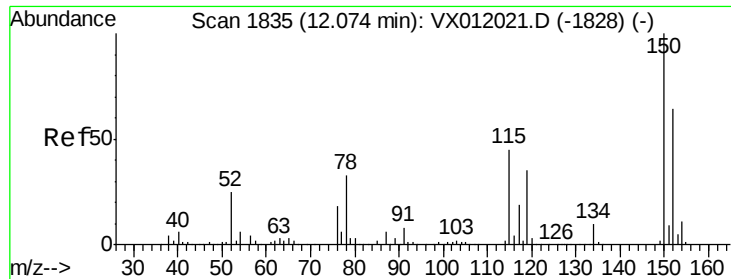
Tot Ion: 95 Resp: 117682
Ion Ratio Lower Upper
95 100
174 63.4 0.0 205.4
176 59.8 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012177.D
Acq: 07 Sep 2019 15:39

Tgt Ion: 117 Resp: 224197
Ion Ratio Lower Upper
117 100
82 58.0 39.4 59.0
119 32.2 26.1 39.1

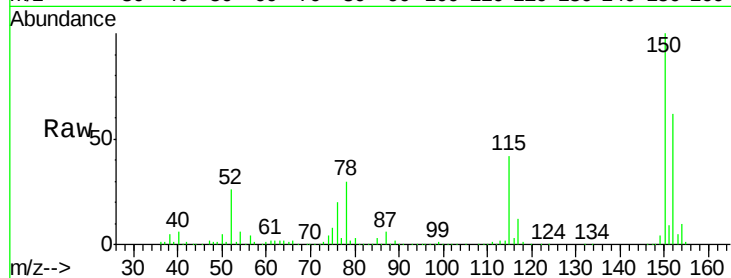




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012177.D
 Acq: 07 Sep 2019 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-G2-(2.7)

Tot Ion:152 Resp: 86473
 Ion Ratio Lower Upper
 152 100
 115 65.2 36.4 109.3
 150 159.4 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

