

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012036.D
 Acq On : 03 Sep 2019 21:46
 Operator : SY/SP
 Sample : K4546-05
 Misc : 4.66g/5.0mL/MSVOA X/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C3-(0)

Quant Time: Sep 04 05:13:55 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

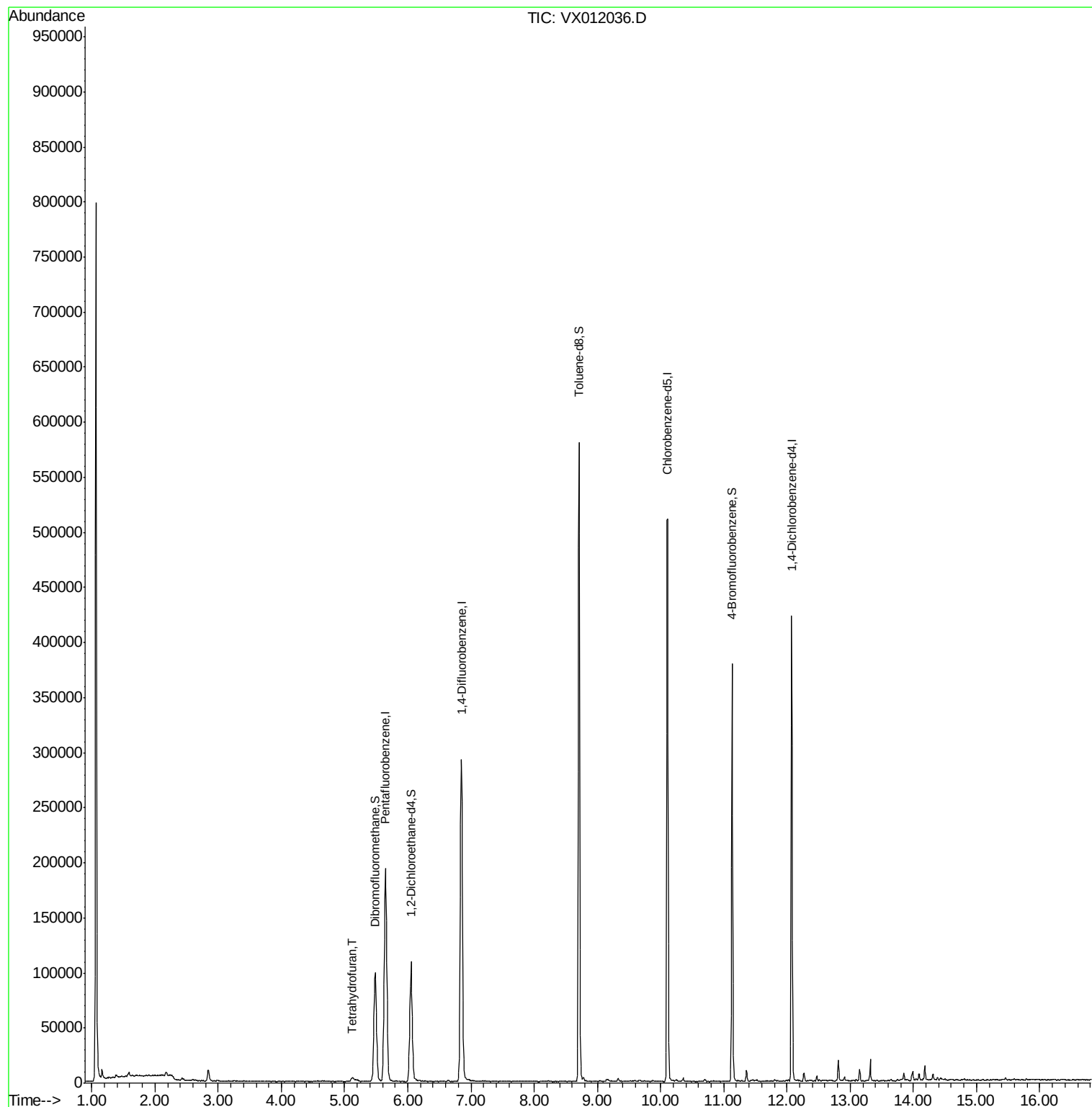
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	77200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	106818	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
35) Dibromofluoromethane	5.48	113	85023	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	330502	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.14	95	112027	37.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.30%	
Target Compounds						
29) Tetrahydrofuran	5.13	42	3126	7.590	ug/l	Qvalue 91

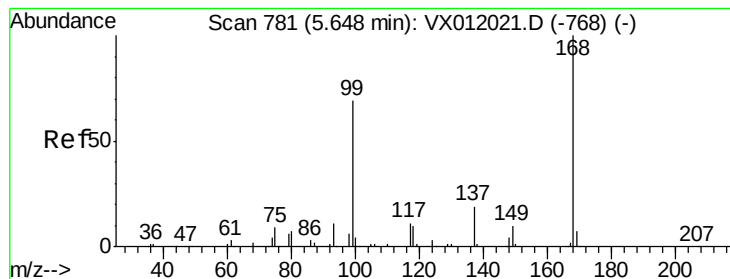
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012036.D

Acq: 03 Sep 2019 21:46

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MSVOA_X

ClientSampleId :

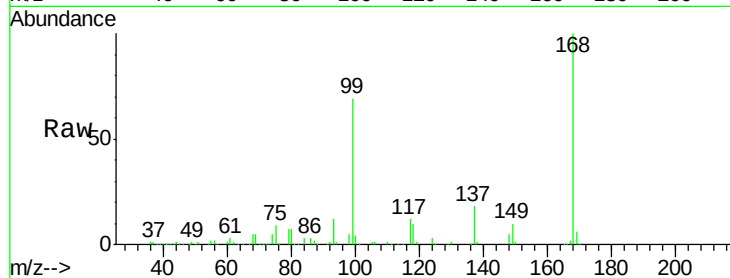
T3-S-C3-(0)

Tot Ion:168 Resp: 162830

Ion Ratio Lower Upper

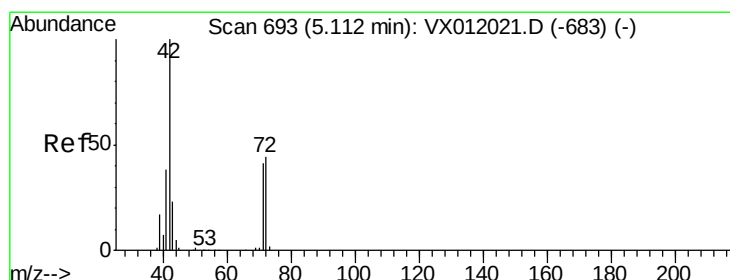
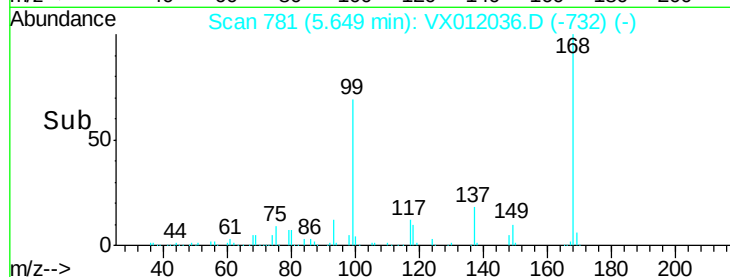
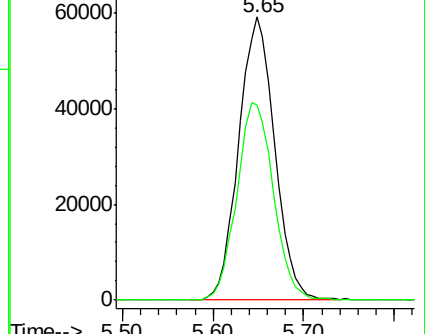
168 100

99 68.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#29

Tetrahydrofuran

Concen: 7.590 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012036.D

Acq: 03 Sep 2019 21:46

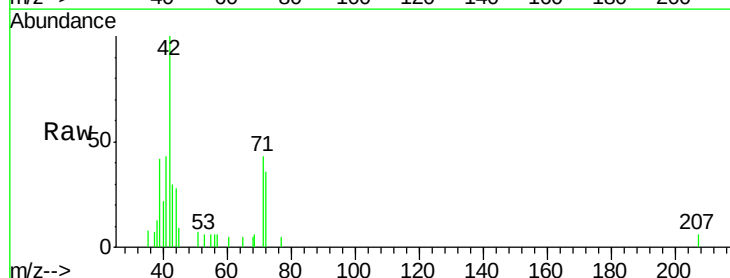
Tgt Ion: 42 Resp: 3126

Ion Ratio Lower Upper

42 100

72 52.4 37.0 55.4

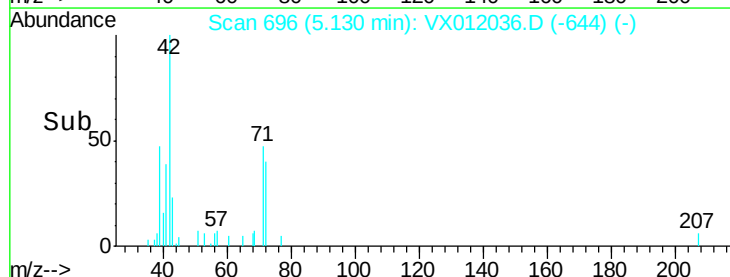
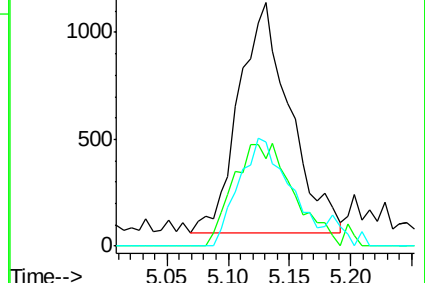
71 47.3 33.8 50.8

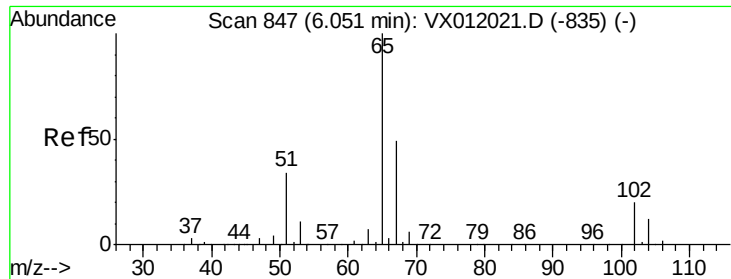


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

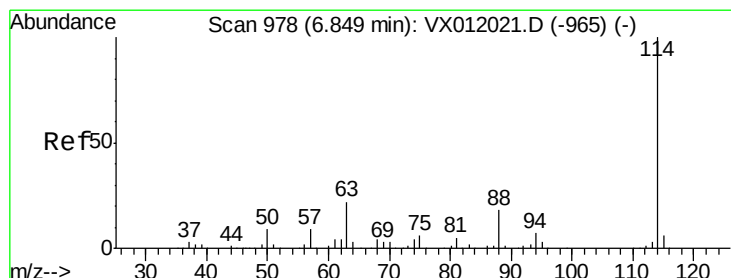
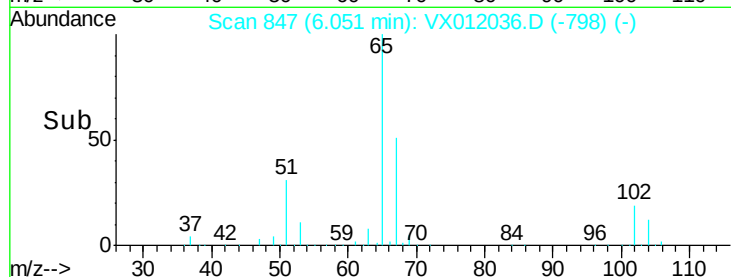
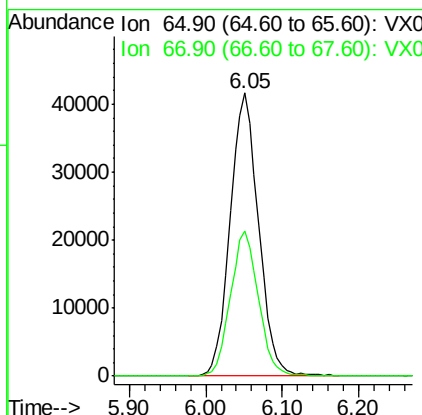
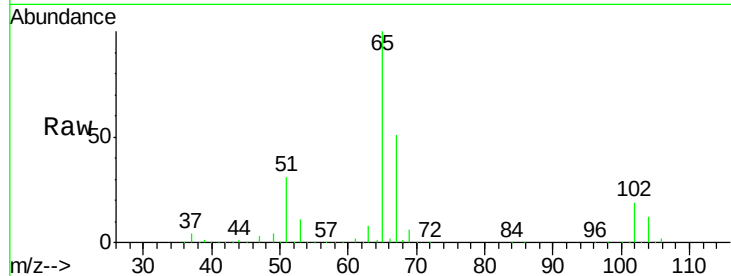




#33
 1,2-Dichloroethane-d4
 Concen: 47.544 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012036.D
 Acq: 03 Sep 2019 21:46

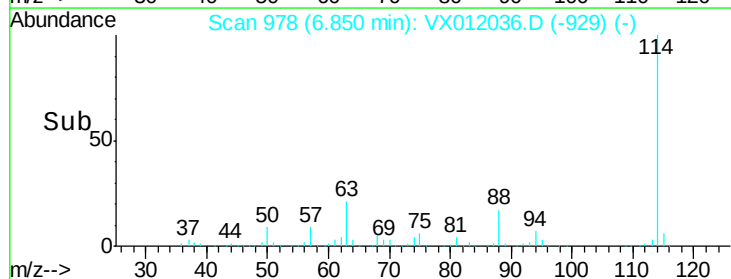
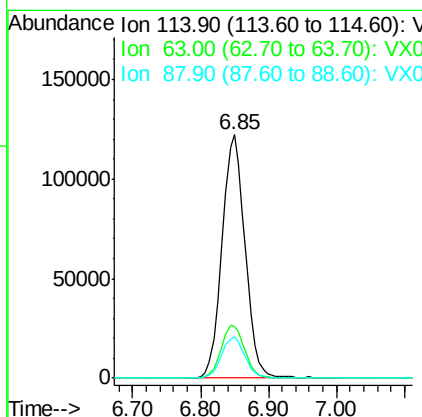
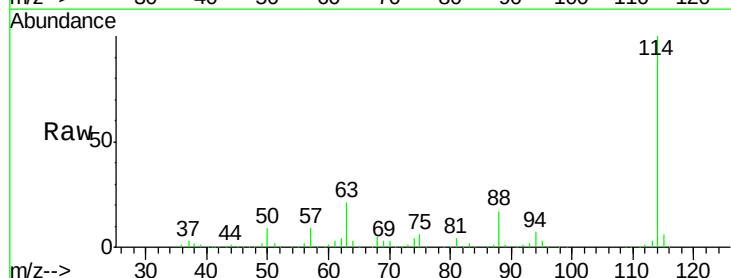
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C3-(0)

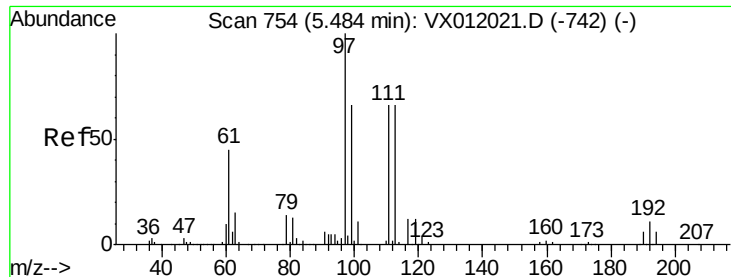
Tot Ion: 65 Resp: 106818
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012036.D
 Acq: 03 Sep 2019 21:46

Tgt Ion: 114 Resp: 287298
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 37.4
 88 17.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.123 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012036.D

Acq: 03 Sep 2019 21:46

Instrument :

MSVOA_X

ClientSampled :

T3-S-C3-(0)

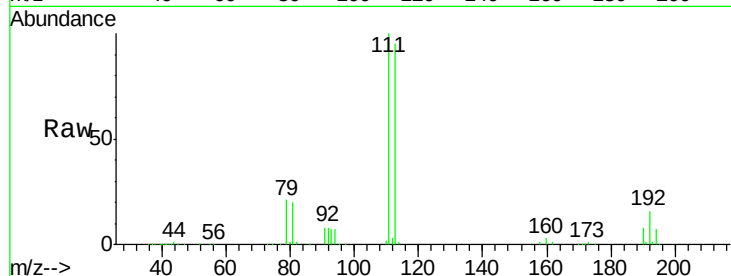
Tot Ion:113 Resp: 85023

Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

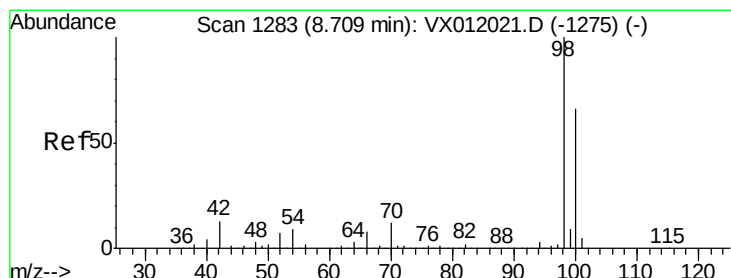
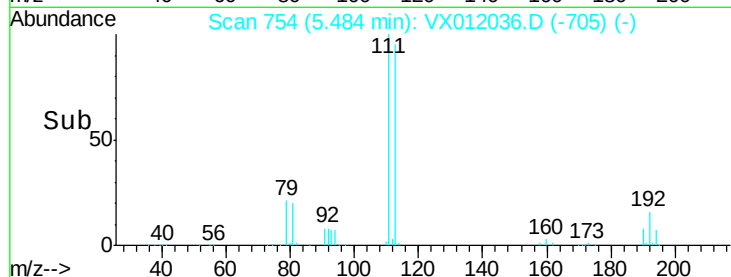
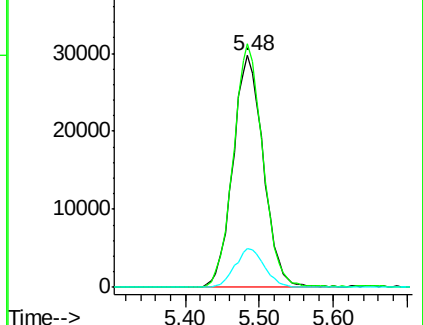
192 16.4 22.5 33.7#



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: 50.977 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012036.D

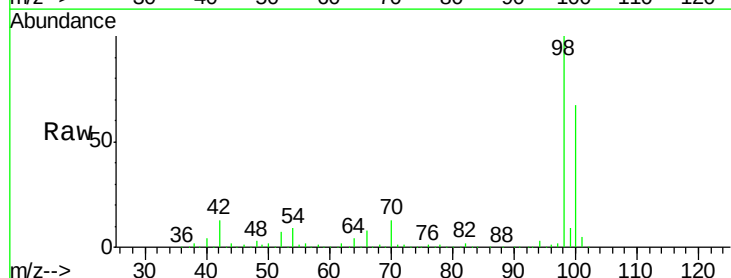
Acq: 03 Sep 2019 21:46

Tgt Ion: 98 Resp: 330502

Ion Ratio Lower Upper

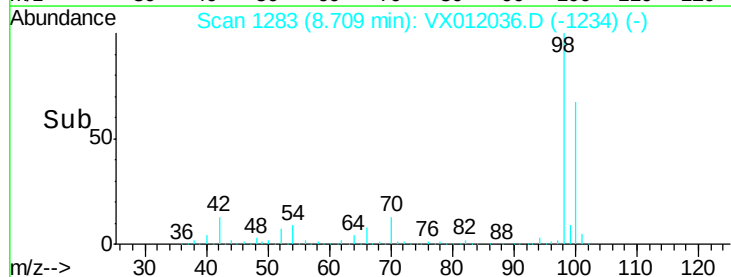
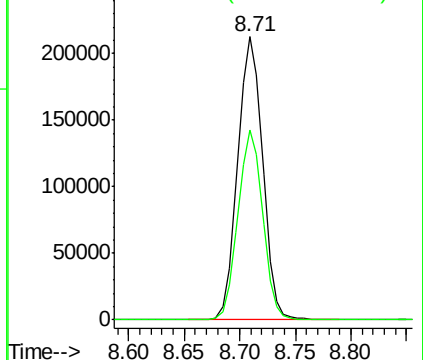
98 100

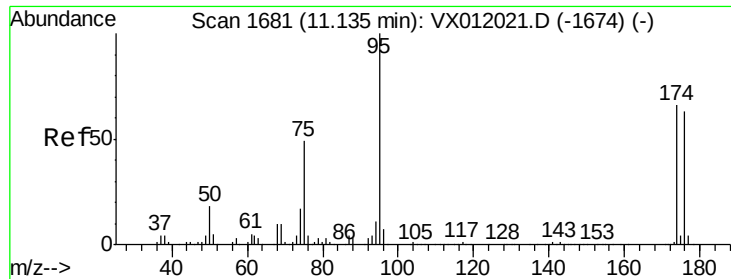
100 66.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

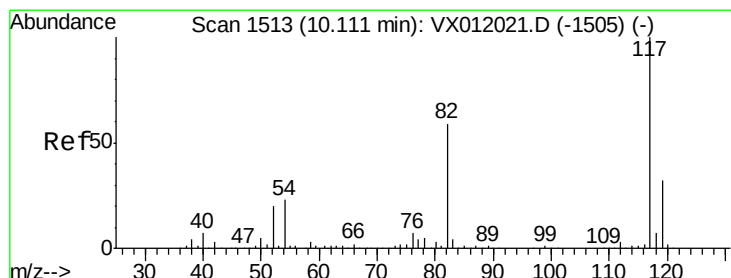
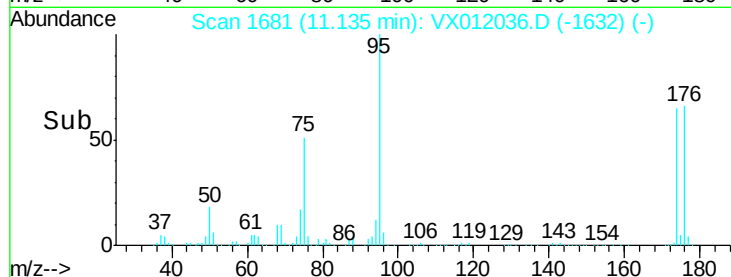
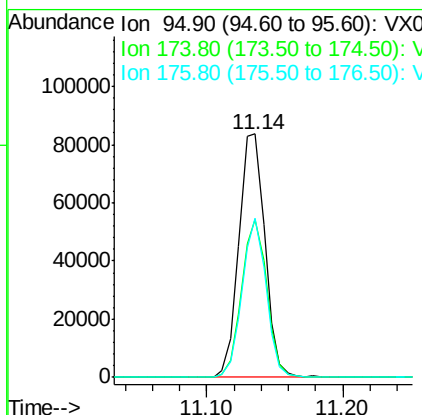
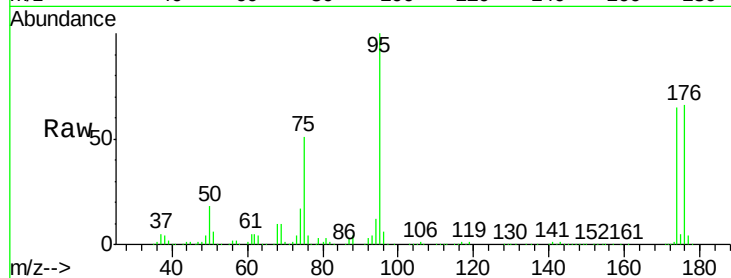




#62
4-Bromofluorobenzene
Concen: 37.155 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012036.D
Acq: 03 Sep 2019 21:46

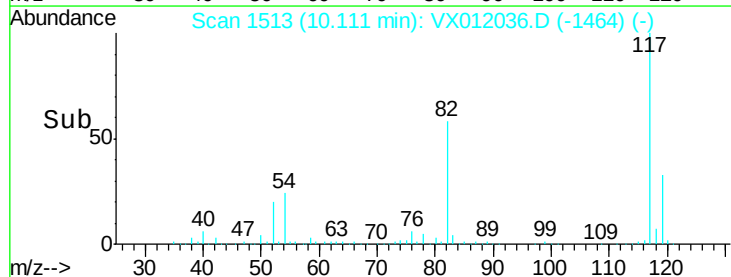
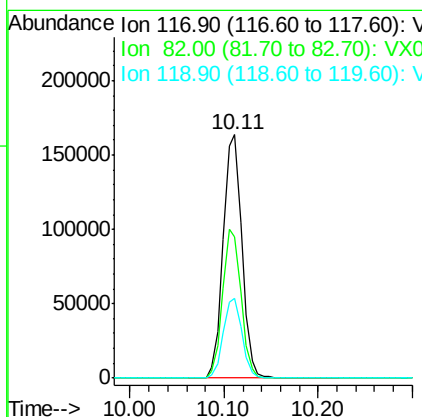
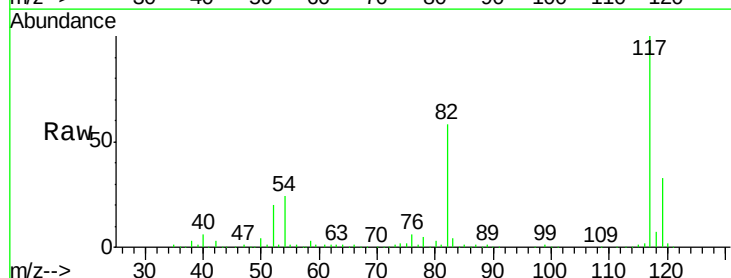
Instrument :
MSVOA_X
ClientSampled :
T3-S-C3-(0)

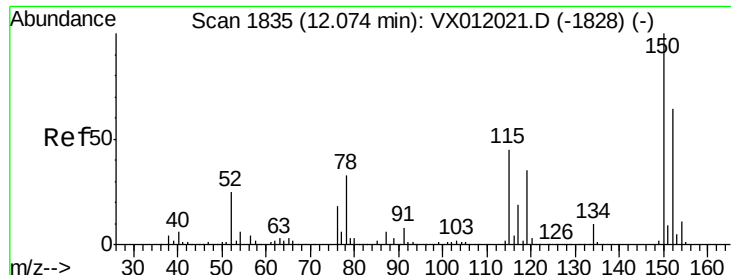
Tot Ion: 95 Resp: 112027
Ion Ratio Lower Upper
95 100
174 63.1 0.0 205.4
176 60.3 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012036.D
Acq: 03 Sep 2019 21:46

Tgt Ion: 117 Resp: 226266
Ion Ratio Lower Upper
117 100
82 58.1 39.4 59.0
119 33.0 26.1 39.1

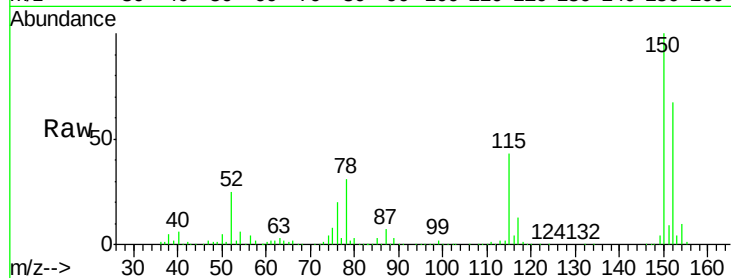




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012036.D
 Acq: 03 Sep 2019 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C3-(0)

Tot Ion:152 Resp: 77200
 Ion Ratio Lower Upper
 152 100
 115 64.1 36.4 109.3
 150 153.4 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

