

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090619\
 Data File : VX012158.D
 Acq On : 06 Sep 2019 19:52
 Operator : SY/SP
 Sample : K4601-15
 Misc : 4.28g/5.0mL/MSVOA X/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F1-(2.7)

Quant Time: Sep 07 02:25:16 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

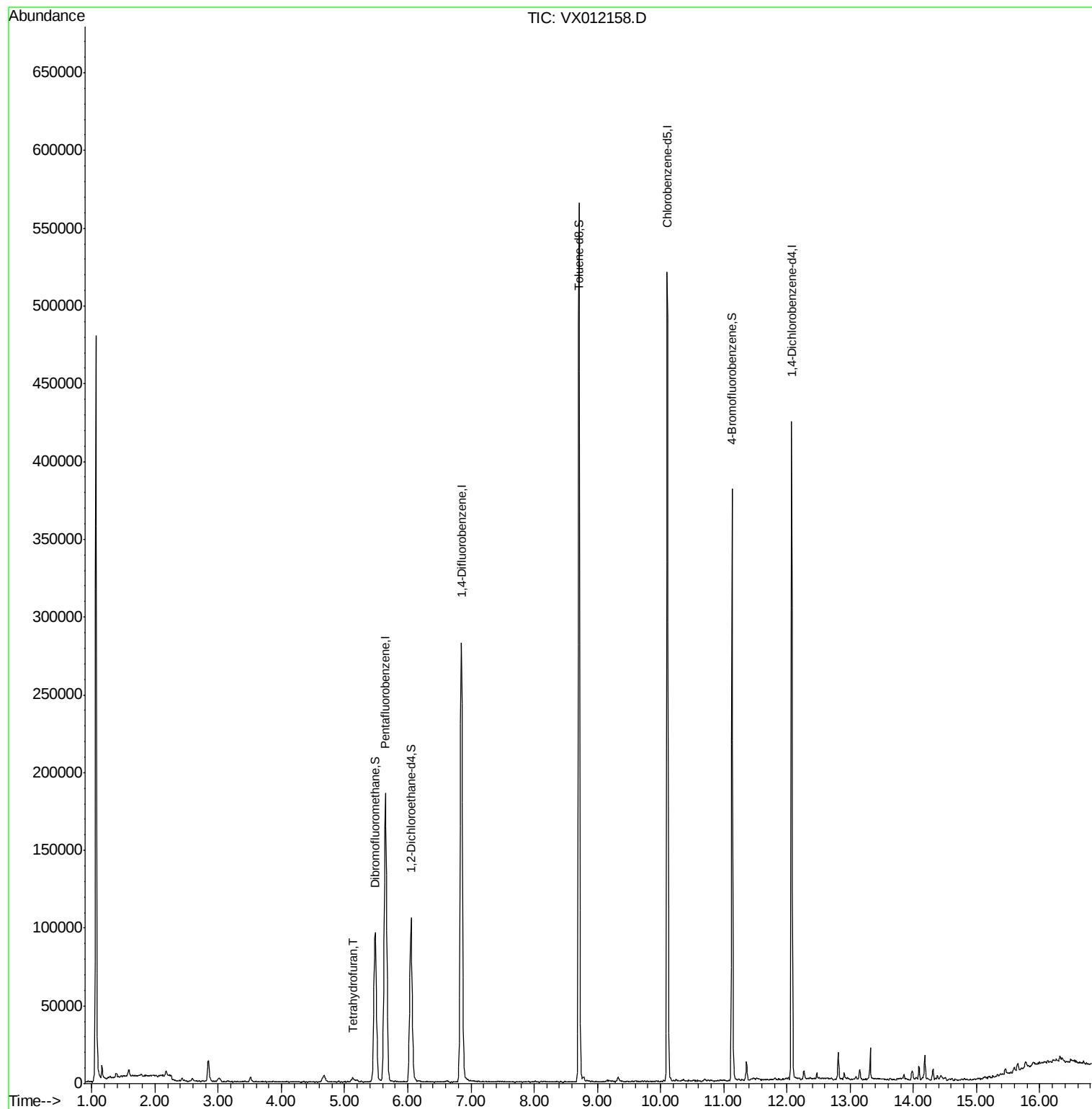
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	154856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	271185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	78517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	107155	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	5.48	113	81428	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	8.71	98	313393	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.13	95	111727	39.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.52%	
Target Compounds						
29) Tetrahydrofuran	5.13	42	2361	6.028	ug/l	Qvalue 88

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

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
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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: VX012158.D

Acq: 06 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

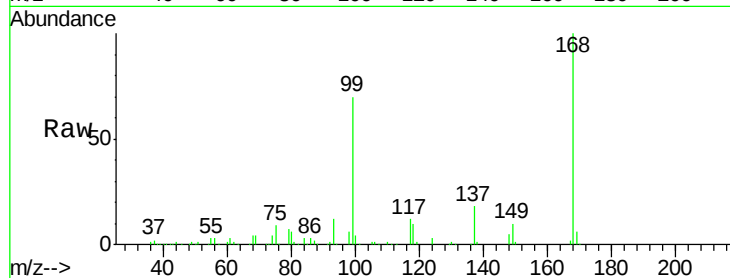
T12-F1-(2.7)

Tot Ion:168 Resp: 154856

Ion Ratio Lower Upper

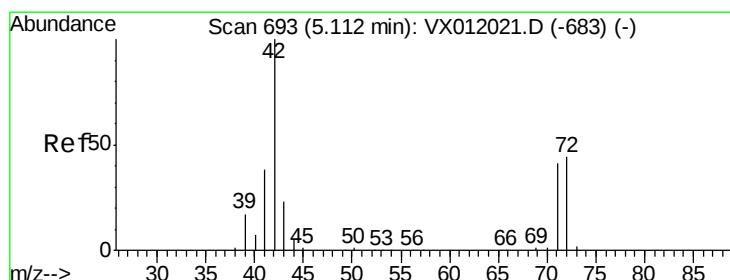
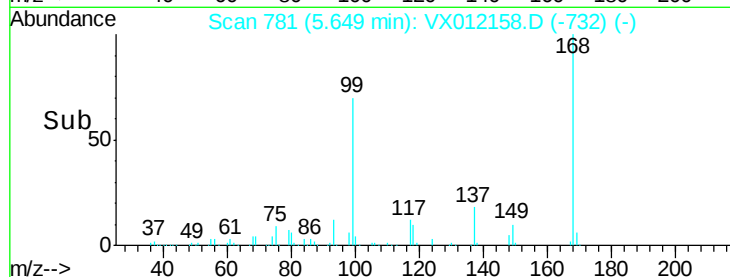
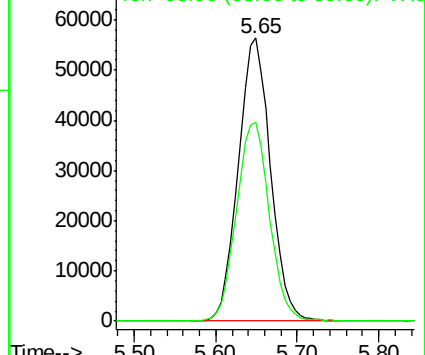
168 100

99 70.3 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: 6.028 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012158.D

Acq: 06 Sep 2019 19:52

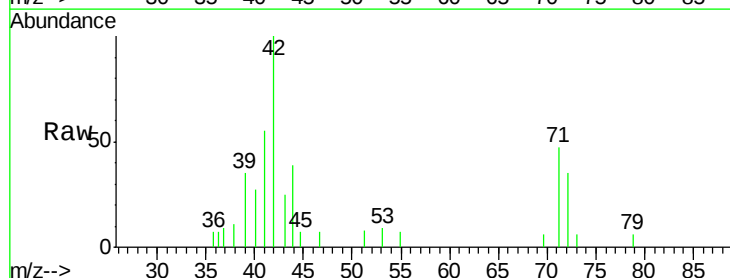
Tgt Ion: 42 Resp: 2361

Ion Ratio Lower Upper

42 100

72 53.2 37.0 55.4

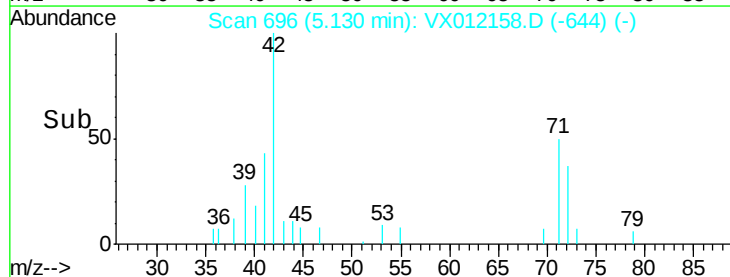
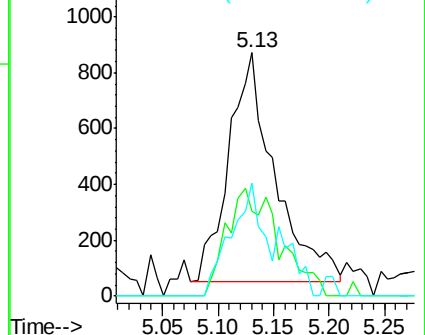
71 34.0 33.8 50.8

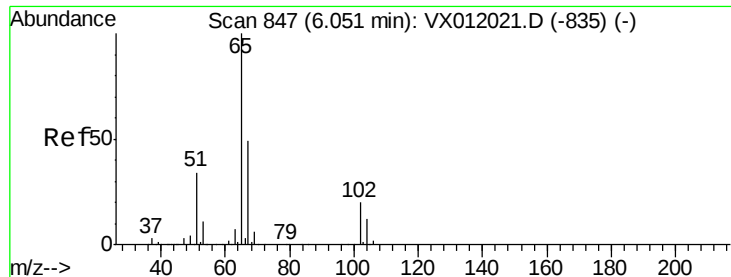


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

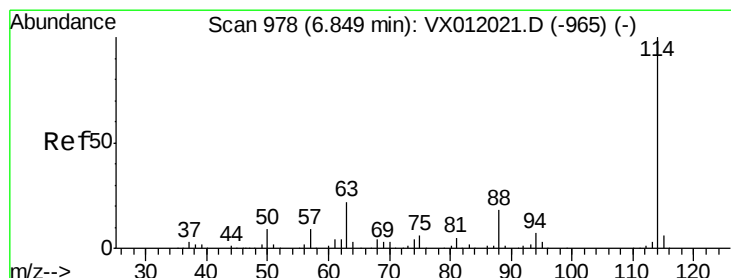
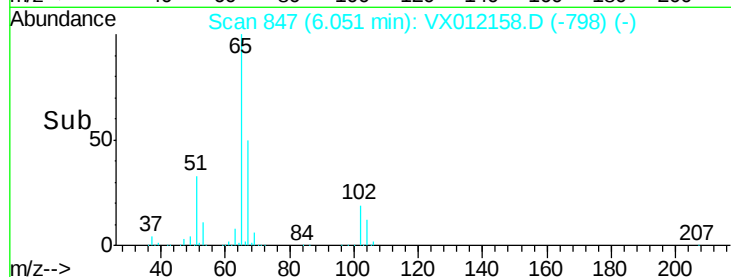
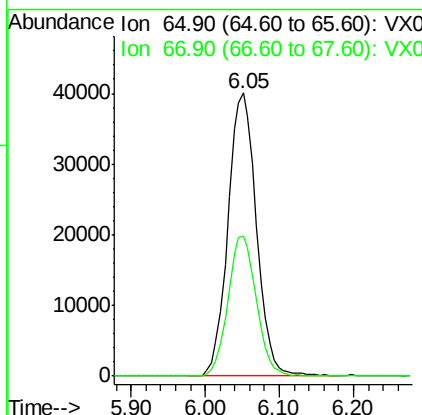
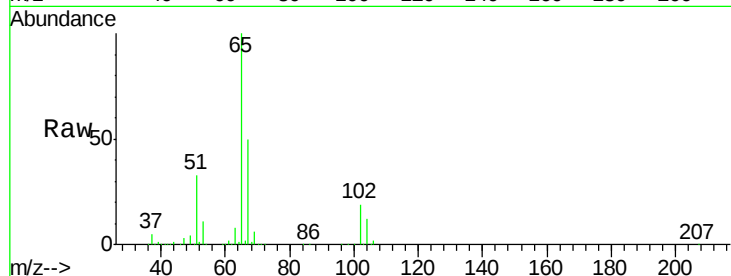




#33
 1,2-Dichloroethane-d4
 Concen: 50.150 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012158.D
 Acq: 06 Sep 2019 19:52

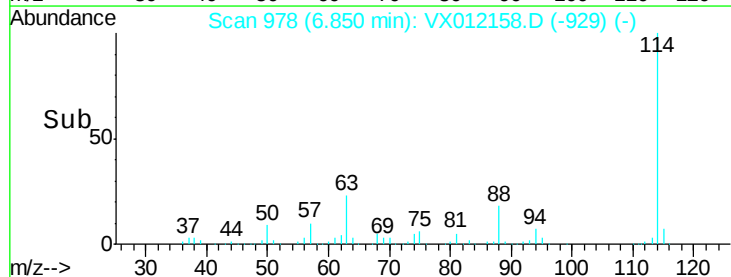
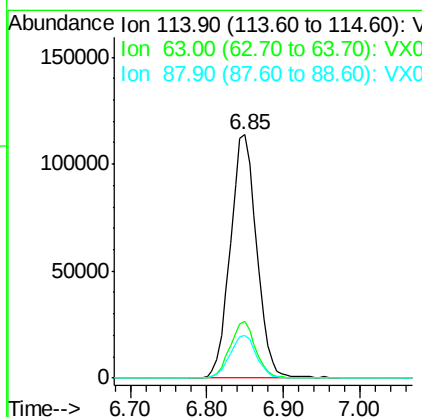
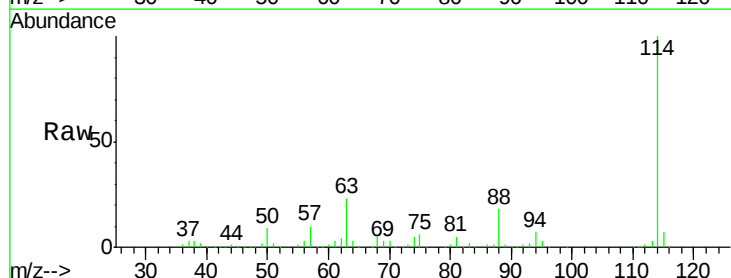
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F1-(2.7)

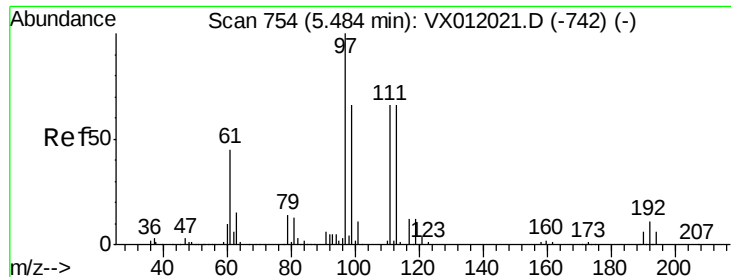
Tot Ion: 65 Resp: 107155
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012158.D
 Acq: 06 Sep 2019 19:52

Tgt Ion: 114 Resp: 271185
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 37.4
 88 17.6 0.0 29.6

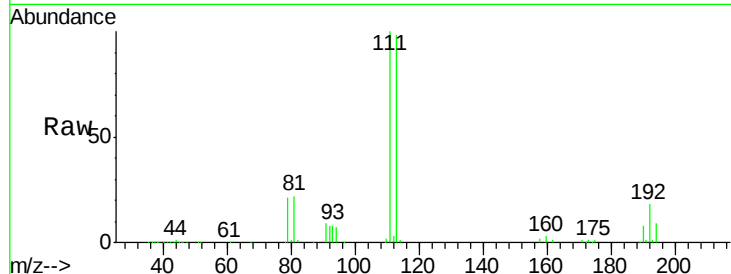




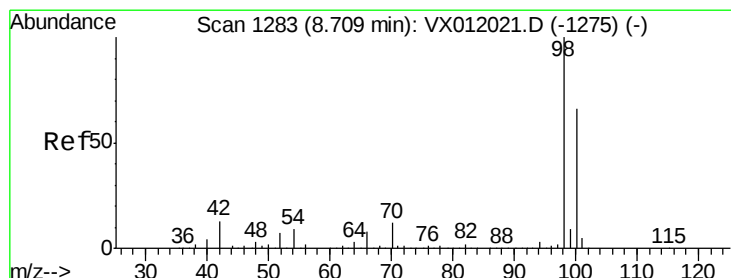
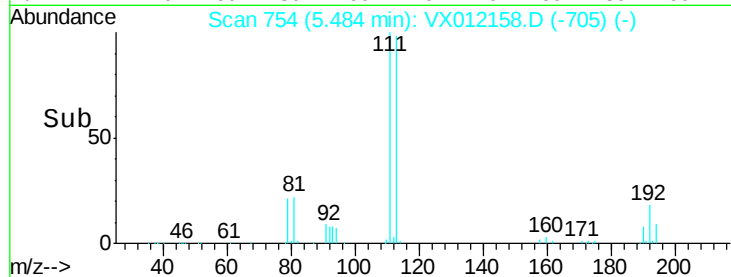
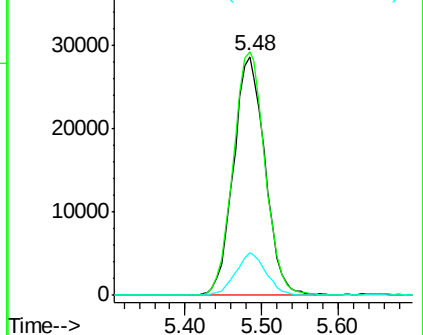
#35
 Dibromofluoromethane
 Concen: 48.826 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012158.D
 Acq: 06 Sep 2019 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-F1-(2.7)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.7	122.5
192	17.4	22.5	33.7#

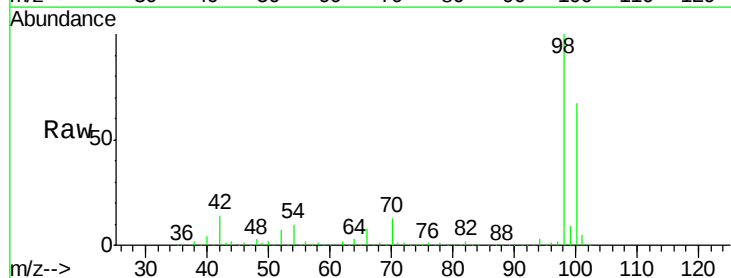


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

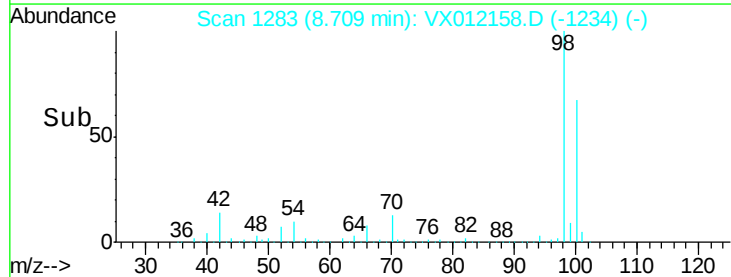
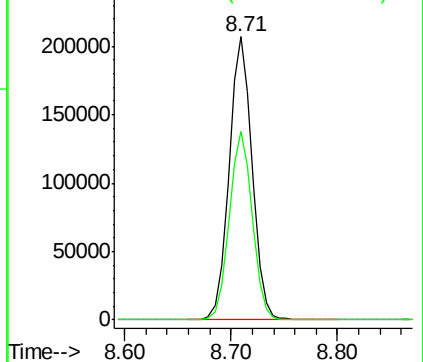


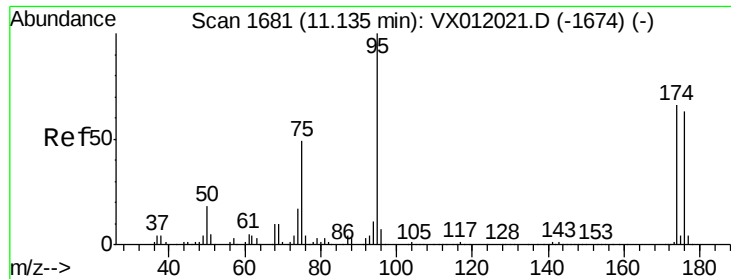
#50
 Toluene-d8
 Concen: 51.210 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012158.D
 Acq: 06 Sep 2019 19:52

Tgt 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

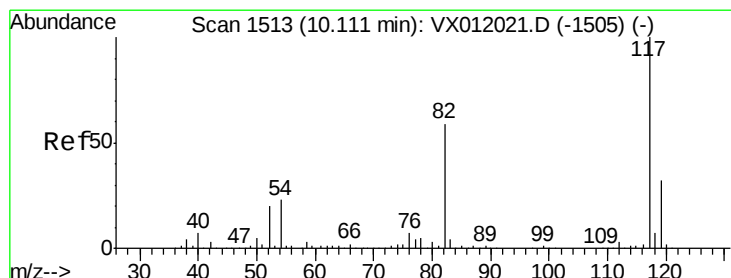
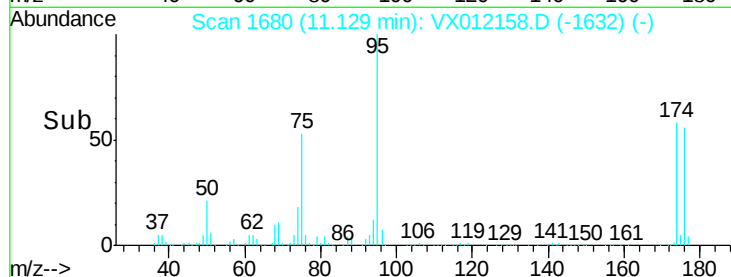
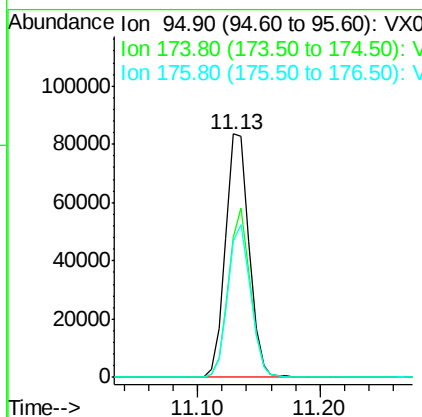
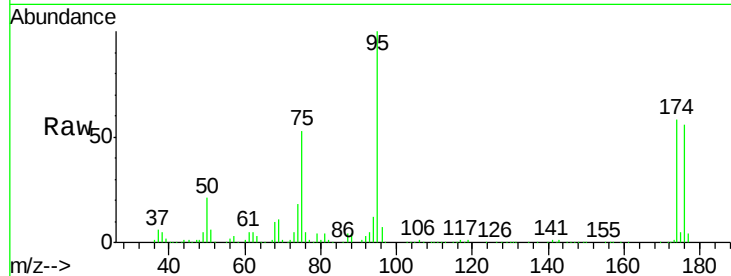




#62
4-Bromofluorobenzene
Concen: 39.257 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

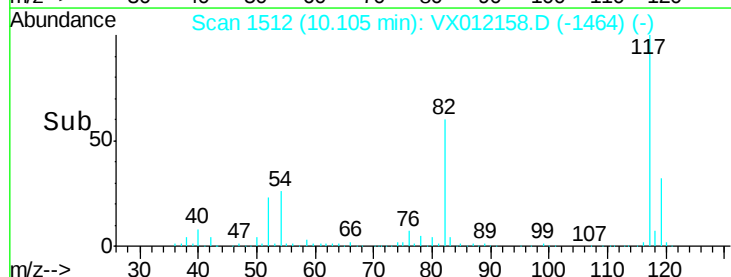
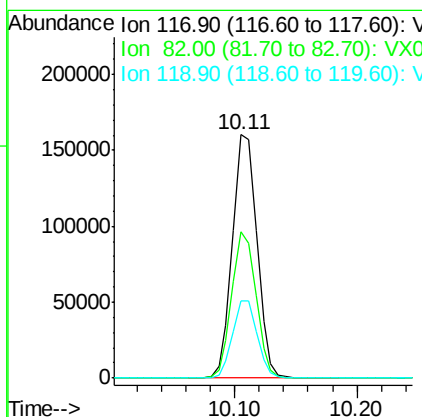
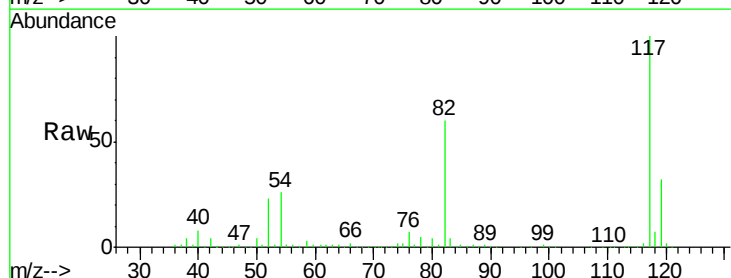
Instrument :
MSVOA_X
ClientSampled :
T12-F1-(2.7)

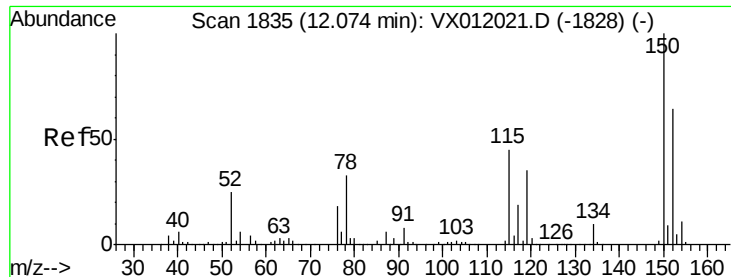
Tot Ion: 95 Resp: 111727
Ion Ratio Lower Upper
95 100
174 64.1 0.0 205.4
176 60.3 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012158.D
Acq: 06 Sep 2019 19:52

Tgt Ion: 117 Resp: 222812
Ion Ratio Lower Upper
117 100
82 60.1 39.4 59.0#
119 31.7 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: VX012158.D

Acq: 06 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

T12-F1-(2.7)

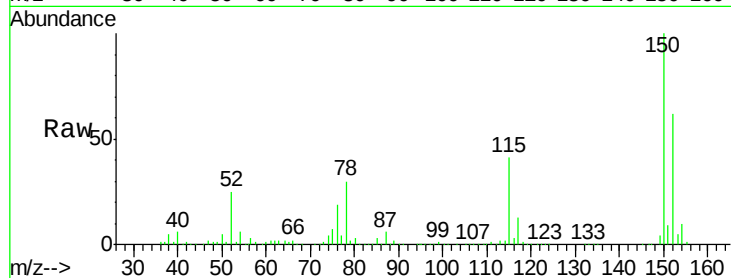
Tot Ion:152 Resp: 78517

Ion Ratio Lower Upper

152 100

115 67.5 36.4 109.3

150 158.4 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

