

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012077.D
 Acq On : 05 Sep 2019 03:49
 Operator : SY/SP
 Sample : K4546-19
 Misc : 3.99g/5.0mL/MSVOA X/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B4-(0)

Quant Time: Sep 05 06:34:33 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

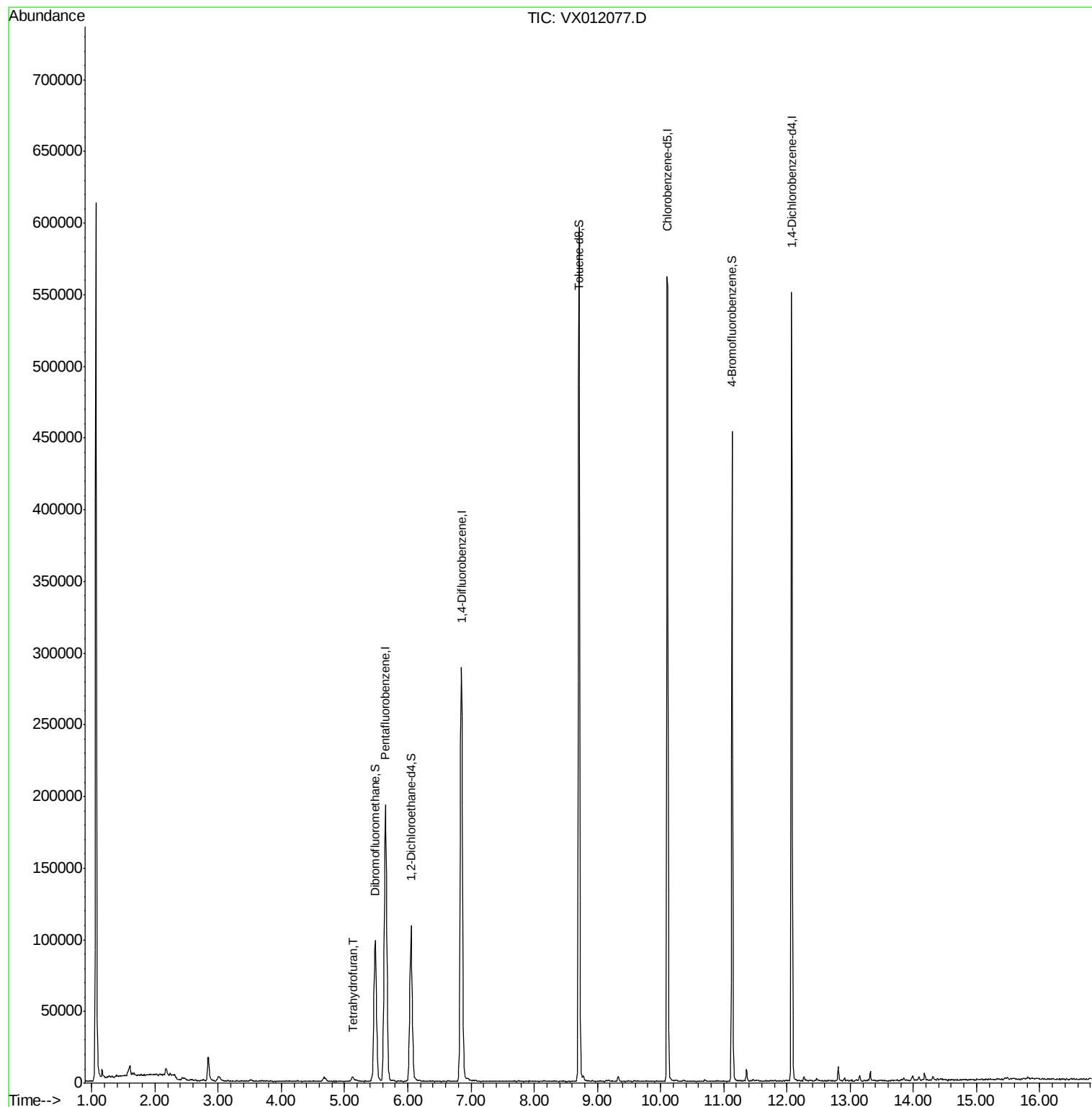
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	109469	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
35) Dibromofluoromethane	5.48	113	82354	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
50) Toluene-d8	8.71	98	329967	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	11.14	95	128216	43.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.60%	
Target Compounds						
29) Tetrahydrofuran	5.13	42	2920	7.236	ug/l	Qvalue 94

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

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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

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Acq: 05 Sep 2019 03:49

Instrument :

MSVOA_X

ClientSampleId :

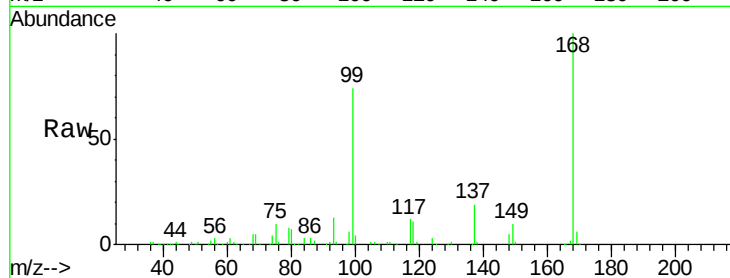
T3-S-B4-(0)

Tot Ion:168 Resp: 159534

Ion Ratio Lower Upper

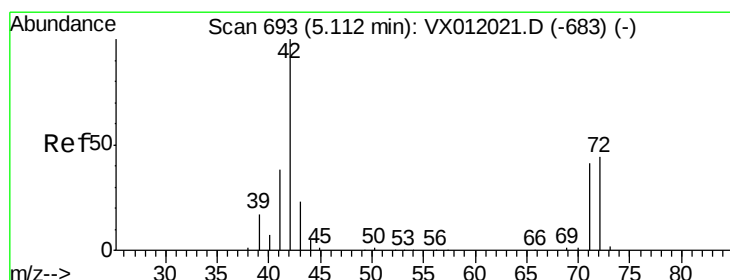
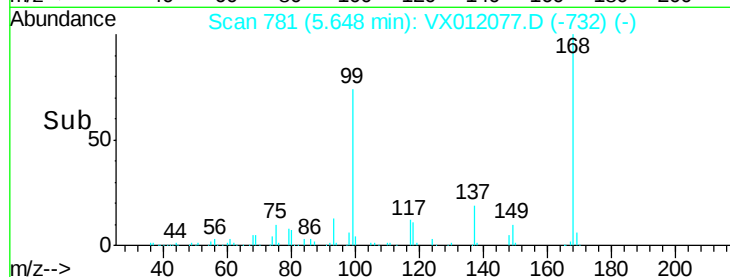
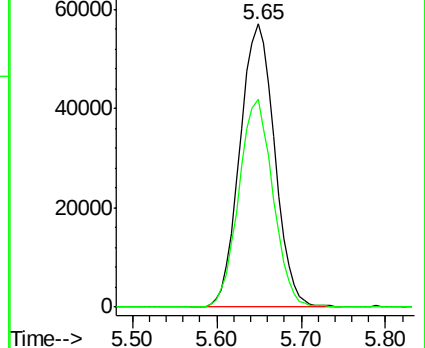
168 100

99 73.5 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: 7.236 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012077.D

Acq: 05 Sep 2019 03:49

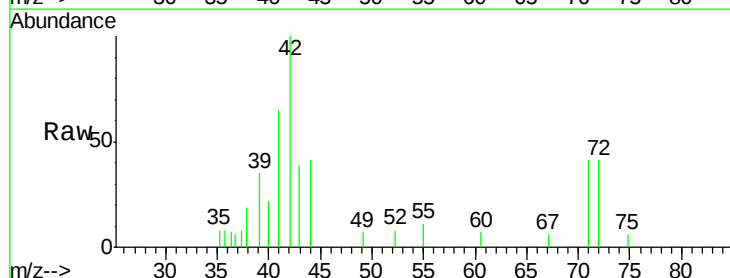
Tgt Ion: 42 Resp: 2920

Ion Ratio Lower Upper

42 100

72 40.7 37.0 55.4

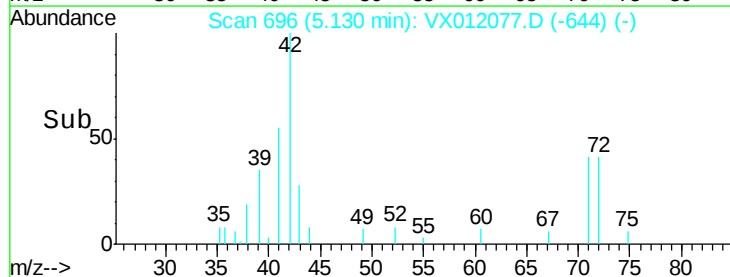
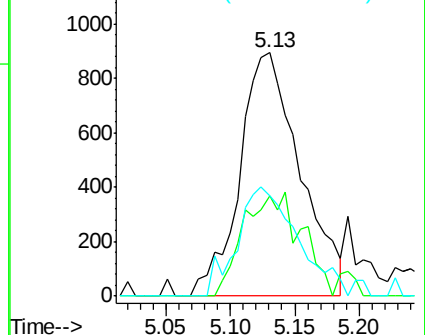
71 44.6 33.8 50.8

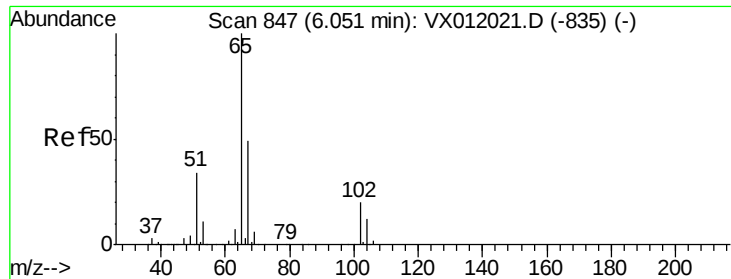


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.730 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012077.D

Acq: 05 Sep 2019 03:49

Instrument :

MSVOA_X

ClientSampleId :

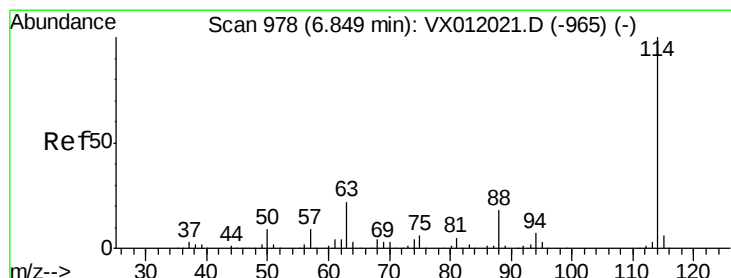
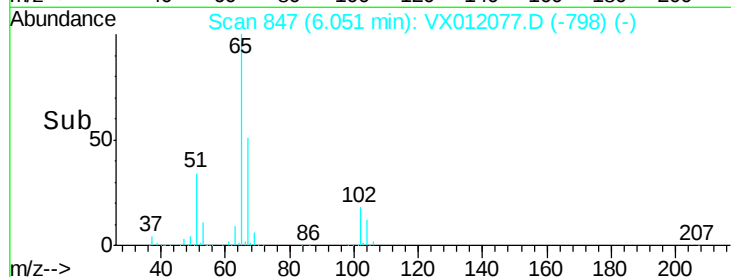
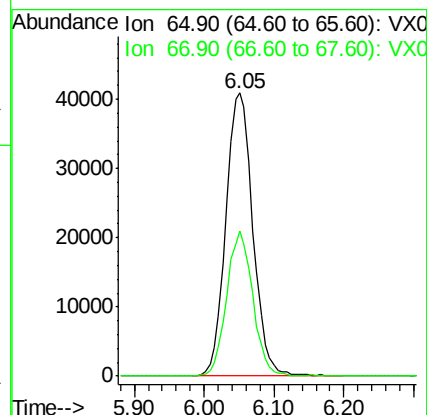
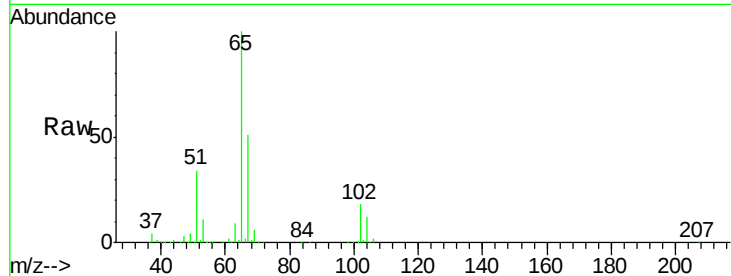
T3-S-B4-(0)

Tot Ion: 65 Resp: 109469

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: VX012077.D

Acq: 05 Sep 2019 03:49

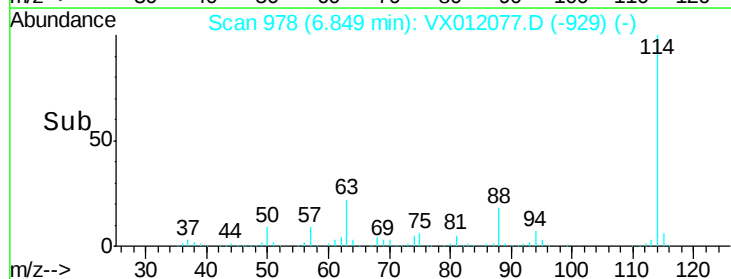
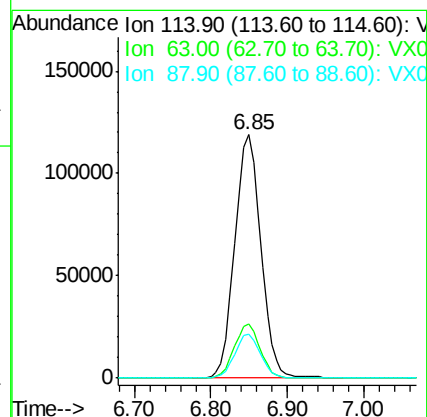
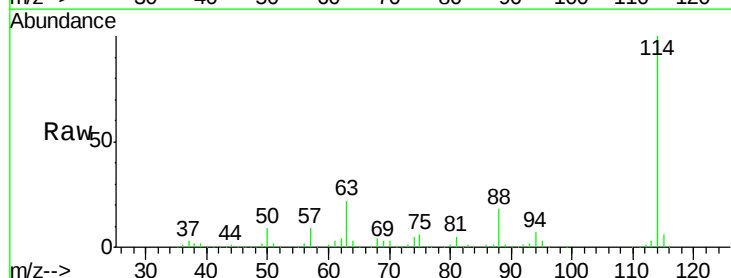
Tgt Ion: 114 Resp: 282126

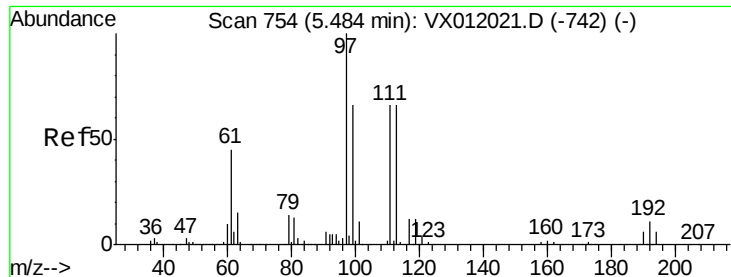
Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.4

88 17.8 0.0 29.6

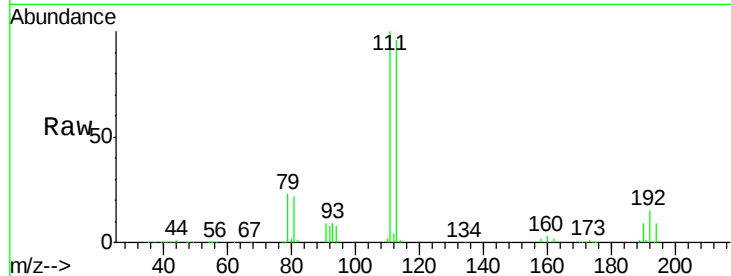




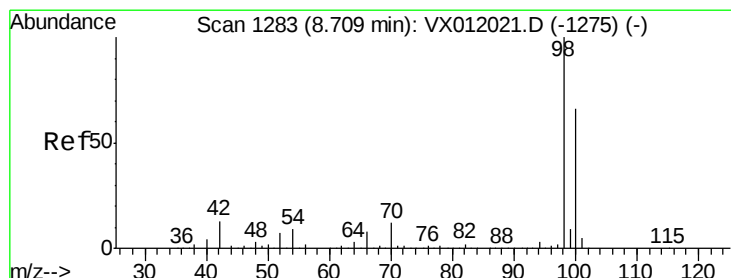
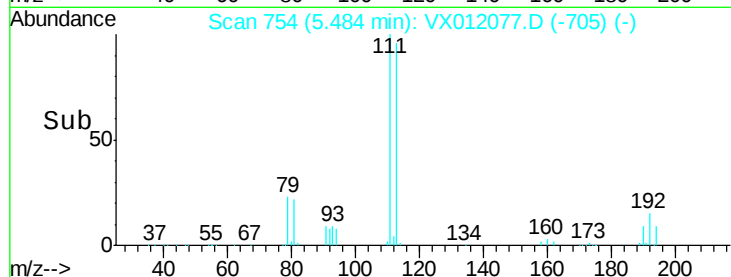
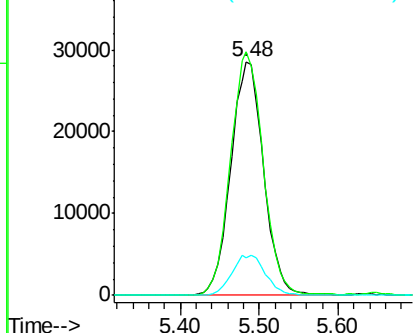
#35
Dibromofluoromethane
Concen: 47.466 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012077.D
Acq: 05 Sep 2019 03:49

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B4-(0)

Tot Ion:113 Resp: 82354
Ion Ratio Lower Upper
113 100
111 104.0 81.7 122.5
192 17.5 22.5 33.7#

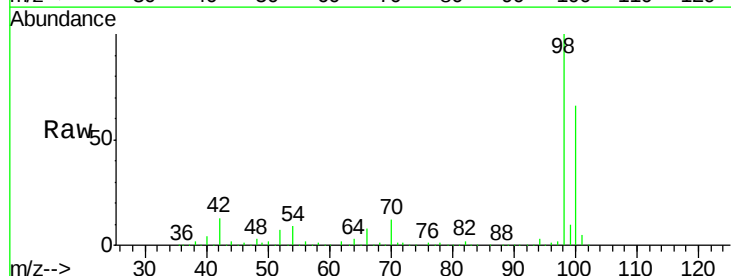


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

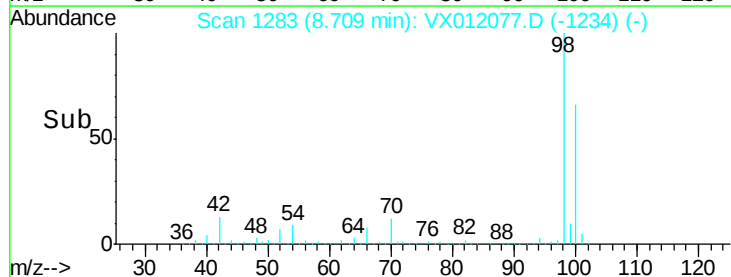
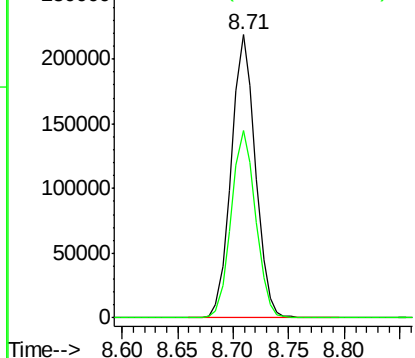


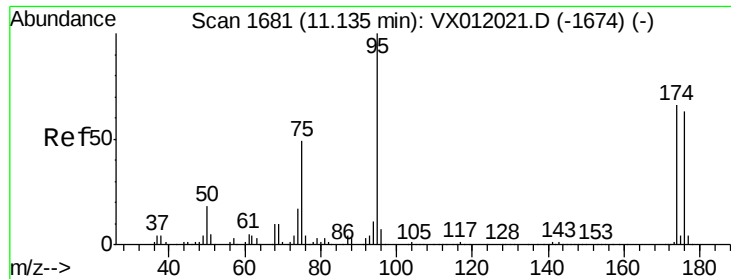
#50
Toluene-d8
Concen: 51.828 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012077.D
Acq: 05 Sep 2019 03:49

Tgt Ion: 98 Resp: 329967
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

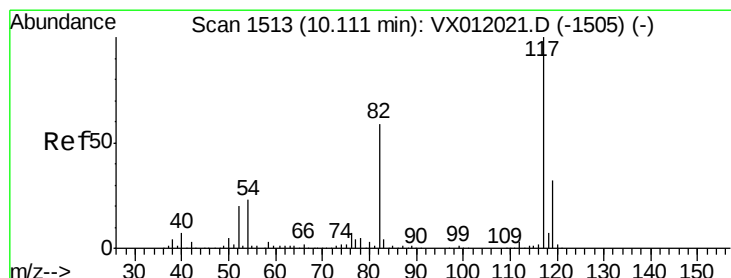
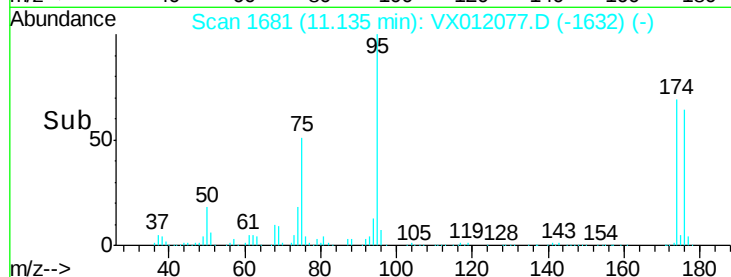
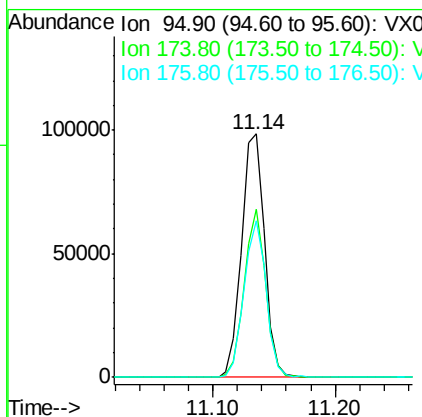
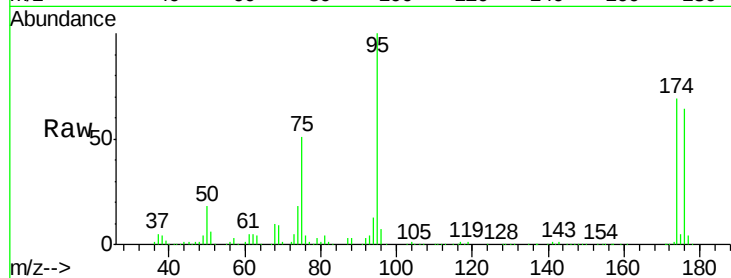




#62
4-Bromofluorobenzene
Concen: 43.304 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012077.D
Acq: 05 Sep 2019 03:49

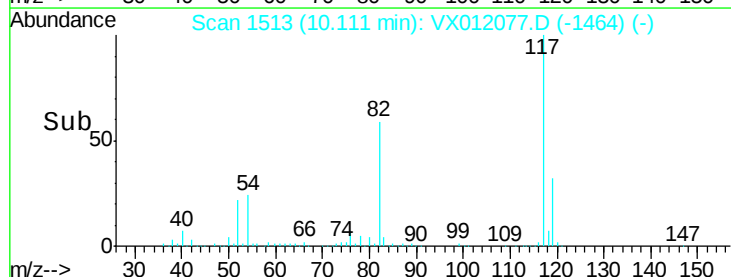
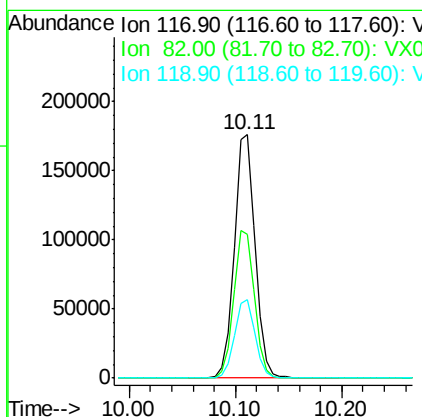
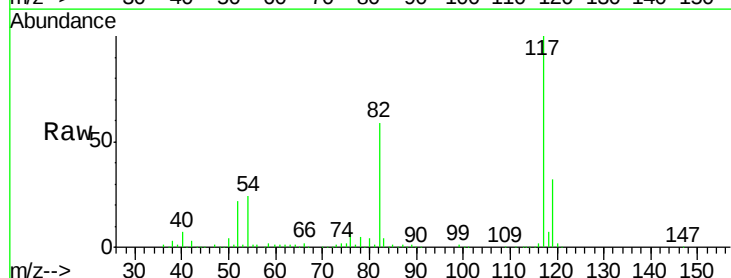
Instrument :
MSVOA_X
ClientSampled :
T3-S-B4-(0)

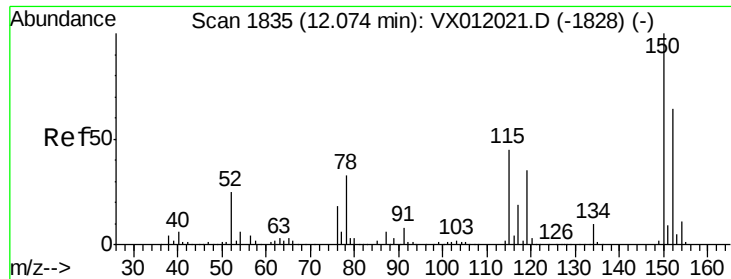
Tot Ion: 95 Resp: 128216
Ion Ratio Lower Upper
95 100
174 64.3 0.0 205.4
176 61.8 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012077.D
Acq: 05 Sep 2019 03:49

Tgt Ion: 117 Resp: 241343
Ion Ratio Lower Upper
117 100
82 59.2 39.4 59.0#
119 32.0 26.1 39.1

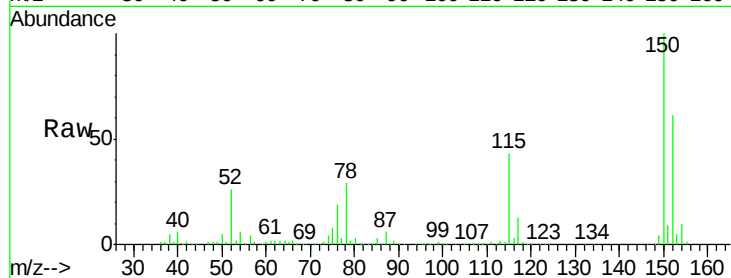




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012077.D
 Acq: 05 Sep 2019 03:49

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B4-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	66.6	36.4	109.3
150	157.7	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

