

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX011999.D
 Acq On : 01 Sep 2019 18:27
 Operator : SY/SP
 Sample : K4529-02
 Misc : 2.99g/5.0mL/MSVOA X/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T3-(0)

Quant Time: Sep 02 05:07:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

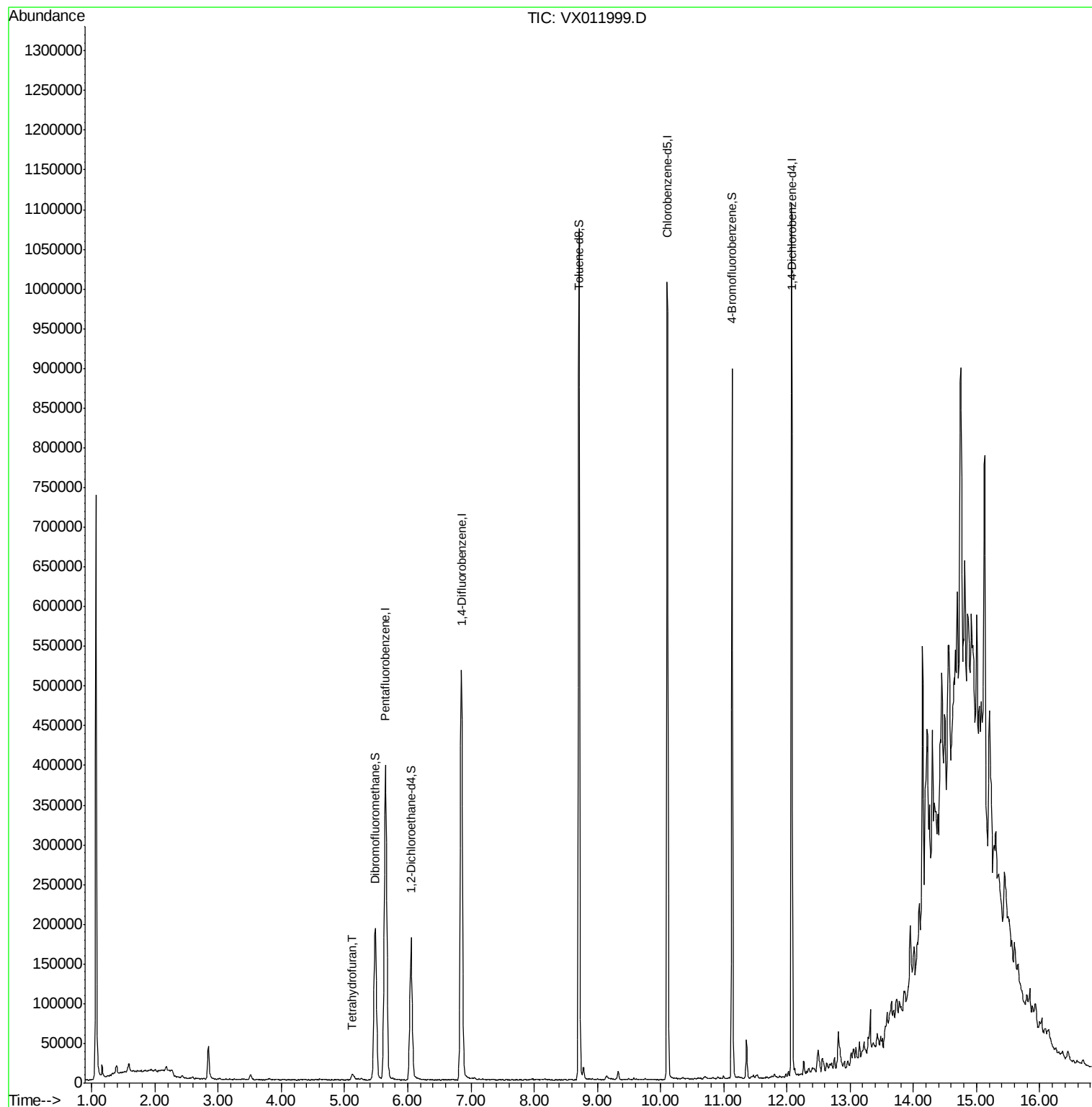
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	424998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	550466	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	479057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	238464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	170821	41.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.90%	
35) Dibromofluoromethane	5.48	113	157042	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
50) Toluene-d8	8.71	98	612814	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.14	95	219437	39.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.28%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	7081	8.891	ug/l #	Qvalue 90

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

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Quant Title : SW846 8260
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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: VX011999.D

Acq: 01 Sep 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

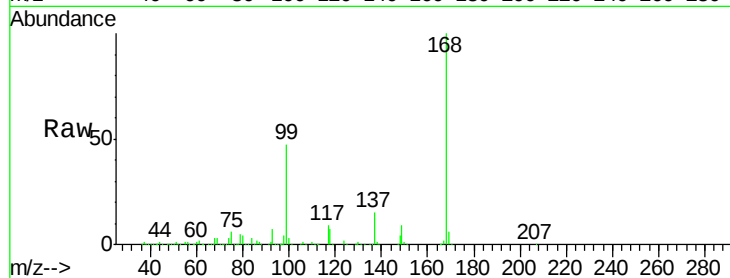
T9-12-13-T3-(0)

Tot Ion:168 Resp: 424998

Ion Ratio Lower Upper

168 100

99 46.5 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

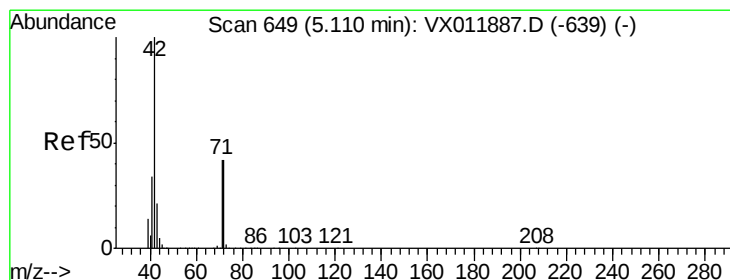
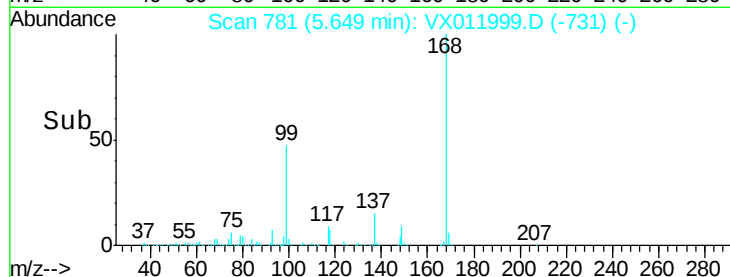
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#29

Tetrahydrofuran

Concen: 8.891 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX011999.D

Acq: 01 Sep 2019 18:27

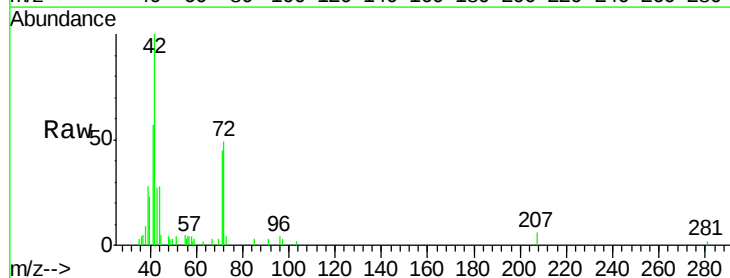
Tgt Ion: 42 Resp: 7081

Ion Ratio Lower Upper

42 100

72 49.9 36.2 54.4

71 50.1 33.1 49.7#



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

3000

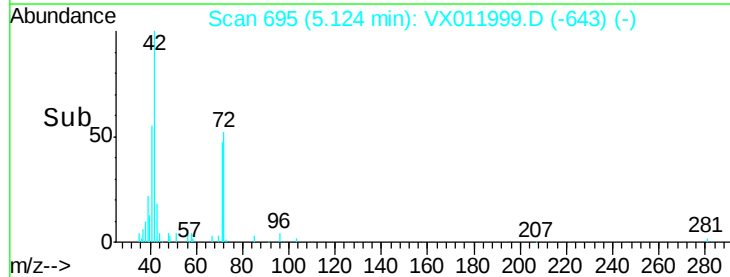
2000

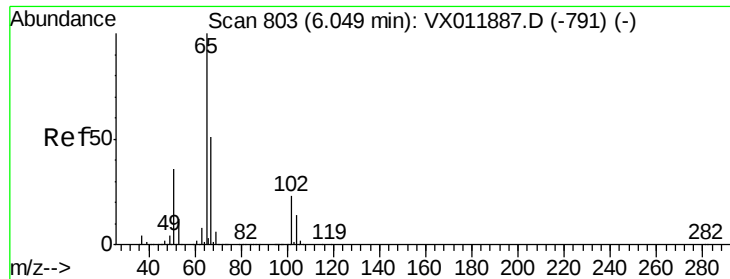
1000

0

5.05 5.10 5.15 5.20

Time-->

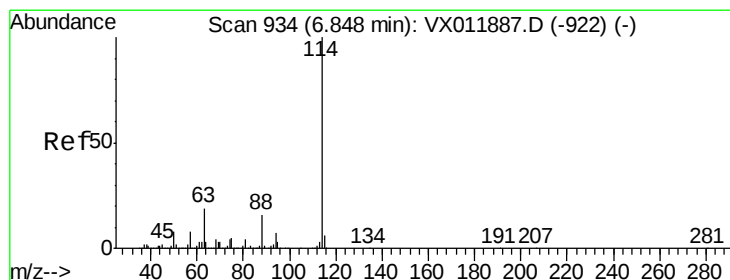
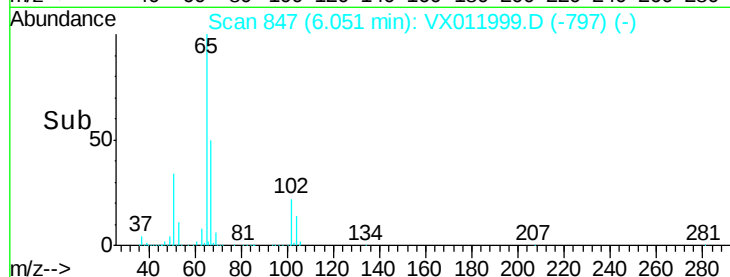
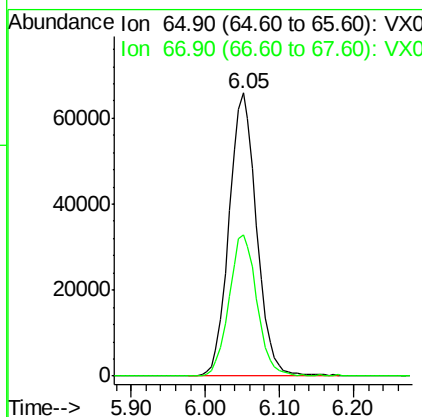
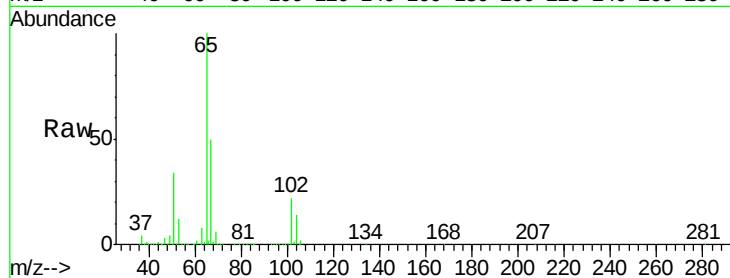




#33
 1,2-Dichloroethane-d4
 Concen: 41.951 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011999.D
 Acq: 01 Sep 2019 18:27

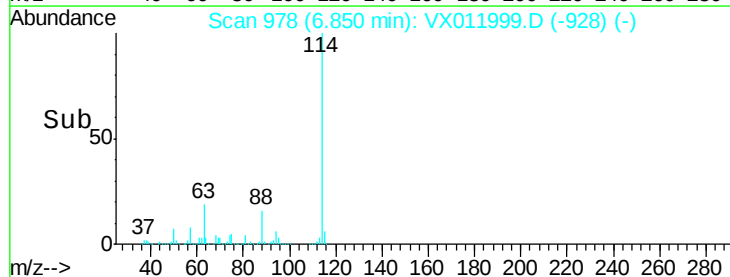
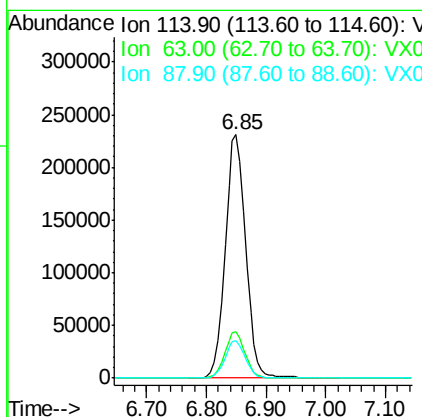
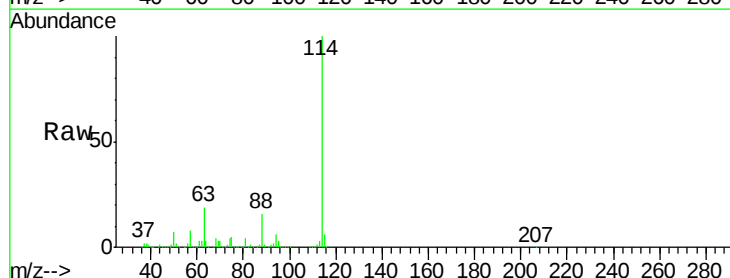
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T3-(0)

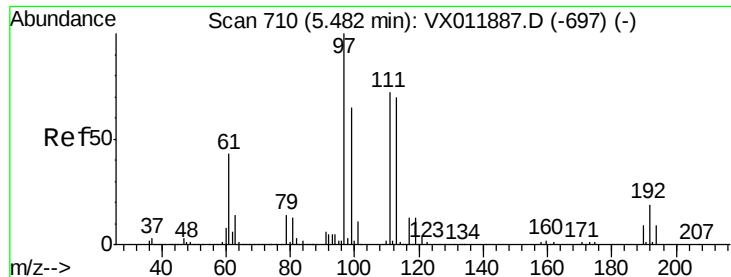
Tot Ion: 65 Resp: 170821
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011999.D
 Acq: 01 Sep 2019 18:27

Tgt Ion: 114 Resp: 550466
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.8
 88 15.6 0.0 31.2

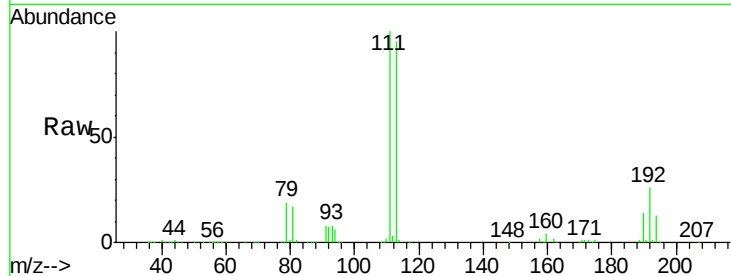




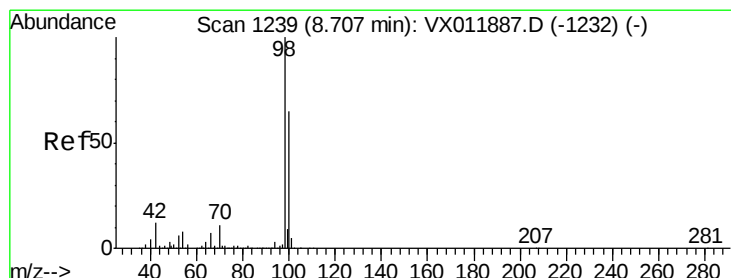
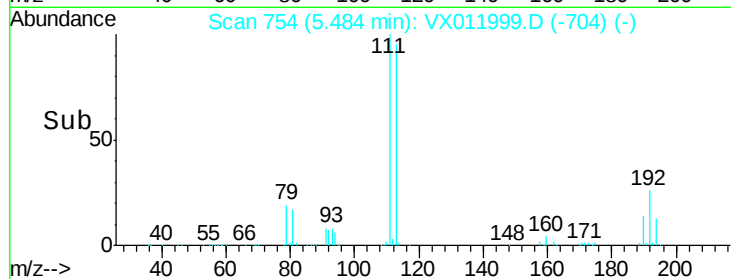
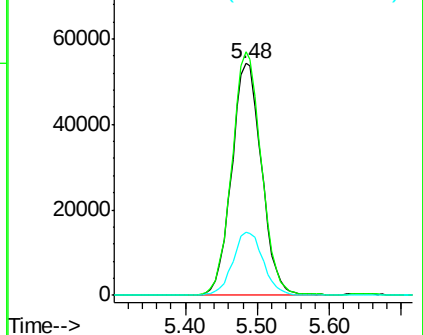
#35
 Dibromofluoromethane
 Concen: 44.490 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011999.D
 Acq: 01 Sep 2019 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T3-(0)

Tot Ion:113 Resp: 157042
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.1 123.1
 192 27.8 21.5 32.3

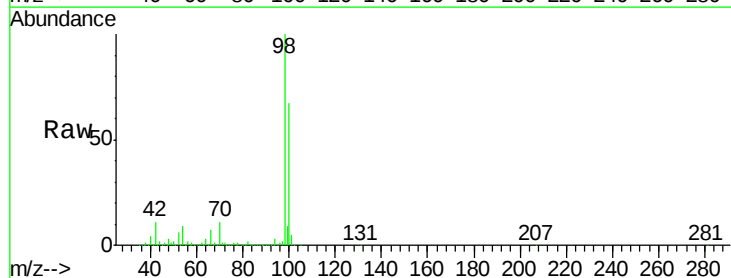


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

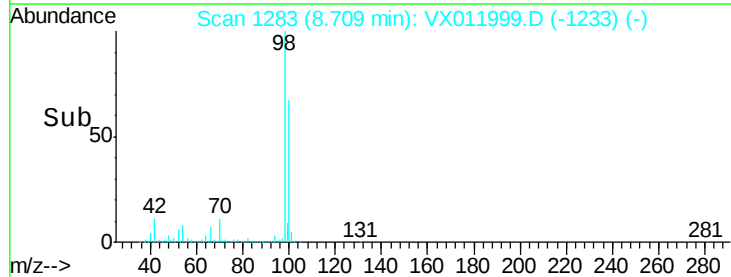
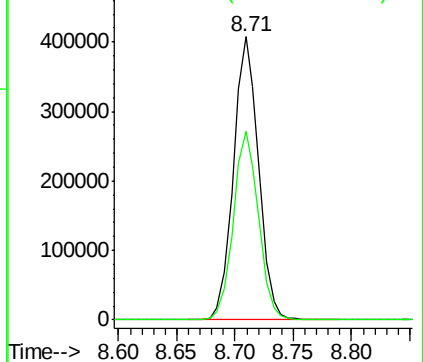


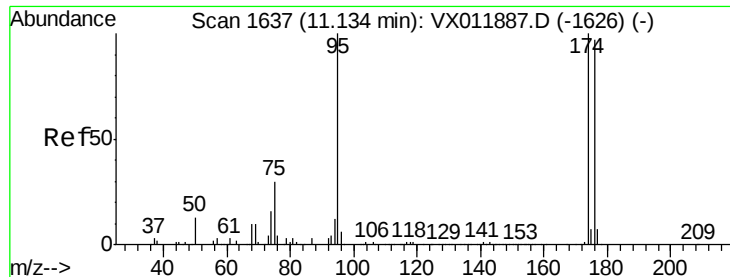
#50
 Toluene-d8
 Concen: 48.567 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX011999.D
 Acq: 01 Sep 2019 18:27

Tgt Ion: 98 Resp: 612814
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.0 79.6



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

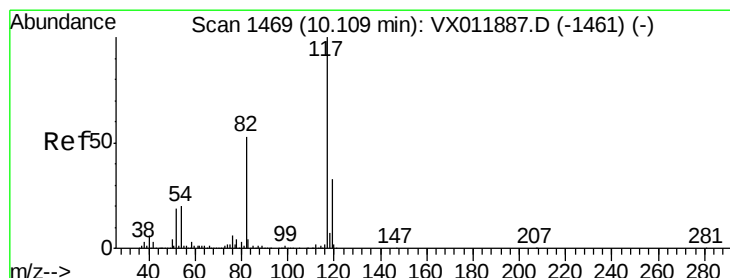
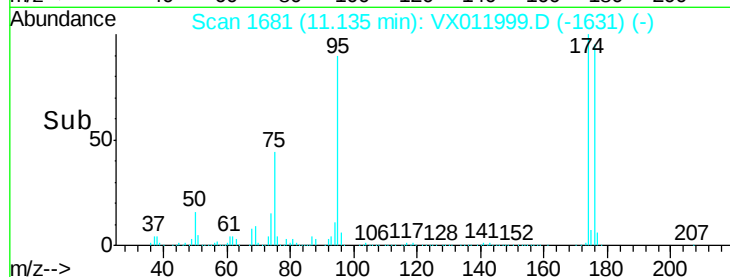
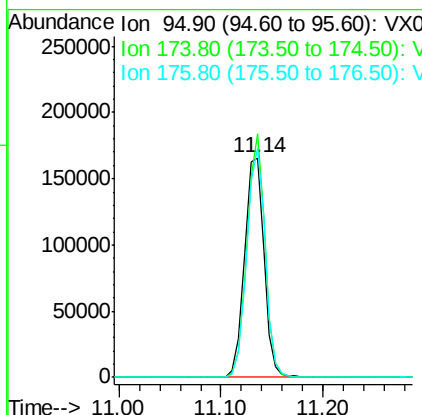
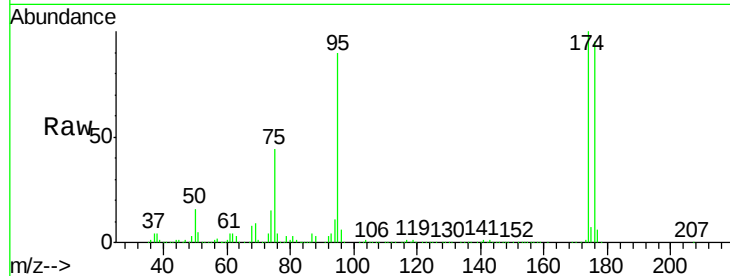




#62
4-Bromofluorobenzene
Concen: 39.645 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

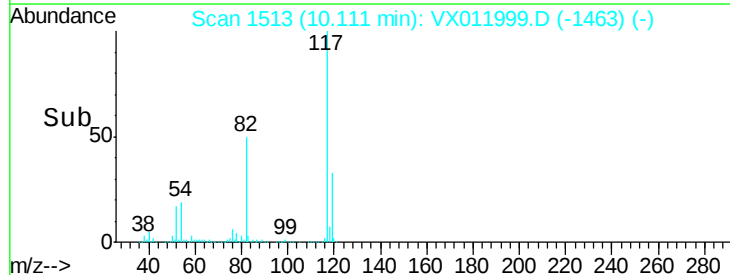
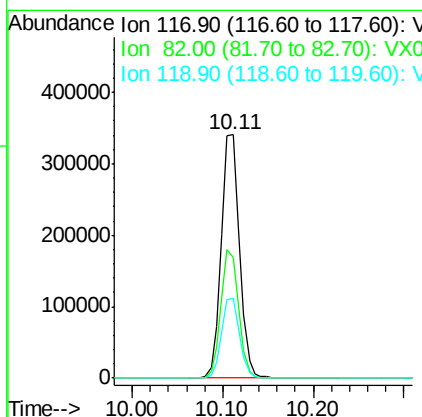
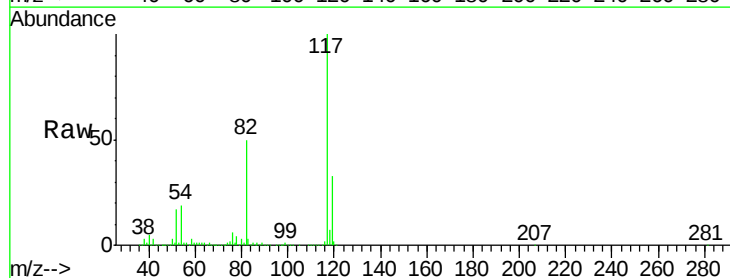
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

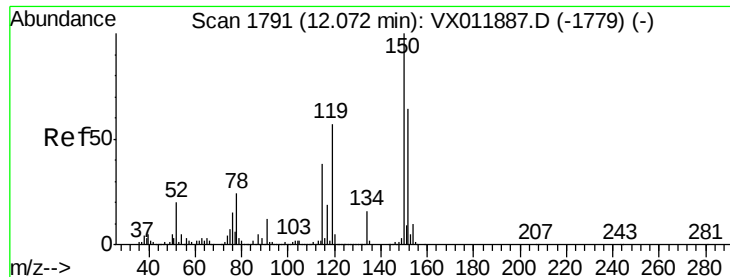
Tot Ion: 95 Resp: 219437
Ion Ratio Lower Upper
95 100
174 102.6 0.0 196.0
176 99.4 0.0 191.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Tgt Ion: 117 Resp: 479057
Ion Ratio Lower Upper
117 100
82 49.6 42.0 63.0
119 32.7 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX011999.D

Acq: 01 Sep 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-T3-(0)

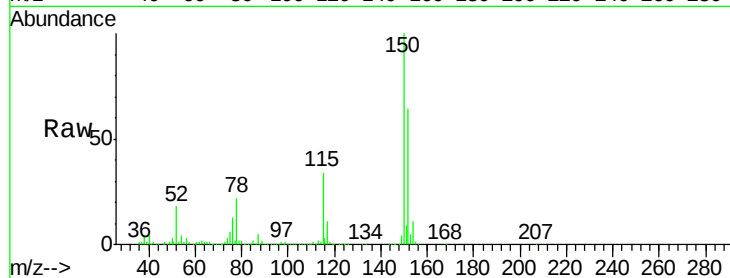
Tot Ion:152 Resp: 238464

Ion Ratio Lower Upper

152 100

115 53.3 37.1 111.3

150 156.5 0.0 339.6



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

