

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX011998.D
 Acq On : 01 Sep 2019 17:59
 Operator : SY/SP
 Sample : K4529-01
 Misc : 2.69g/5.0mL/MSVOA X/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T2-(0)

Quant Time: Sep 02 05:06:01 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

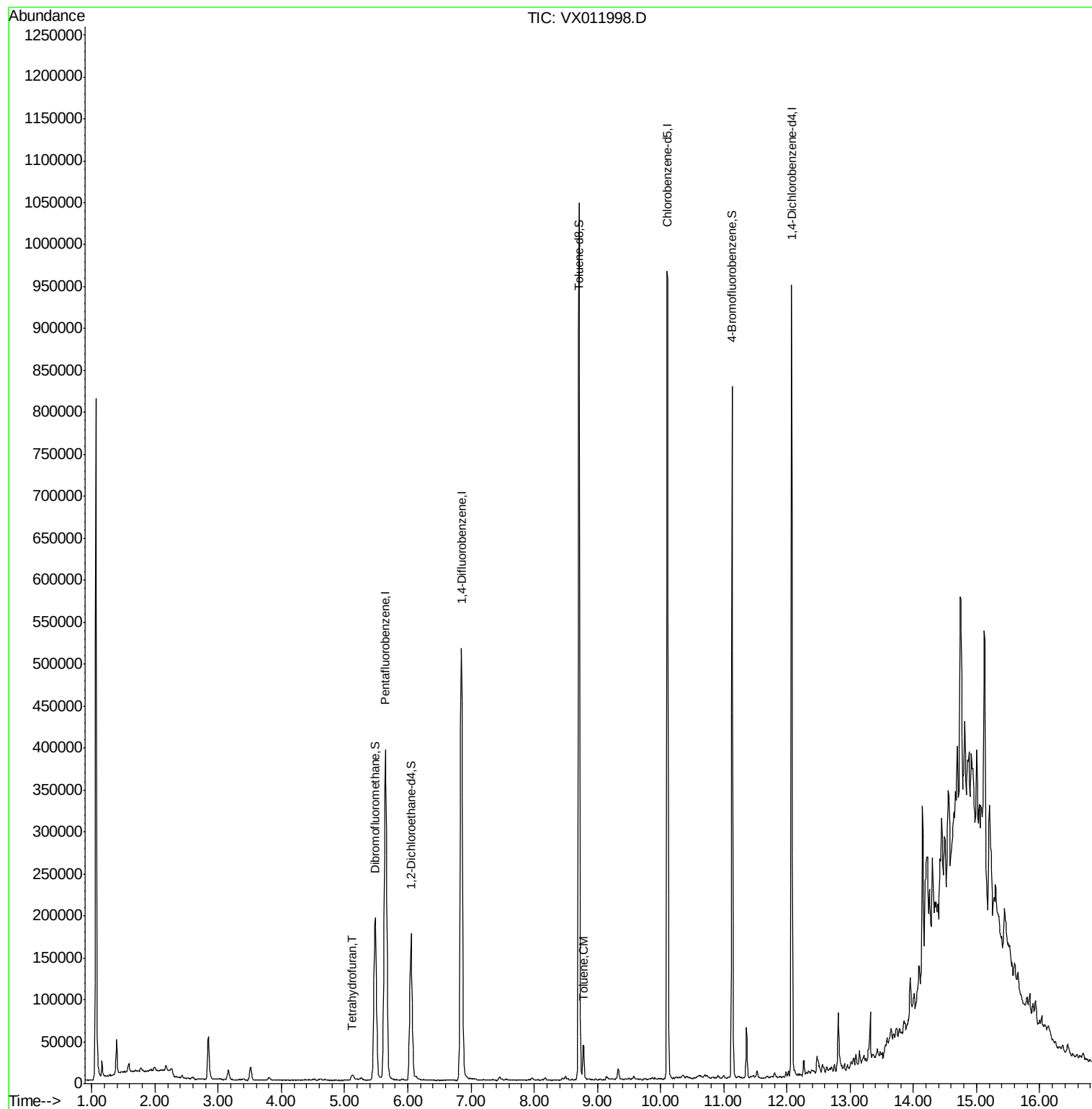
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	426702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	545716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	463755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	209451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	170168	41.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.24%	
35) Dibromofluoromethane	5.48	113	158003	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
50) Toluene-d8	8.71	98	605744	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
62) 4-Bromofluorobenzene	11.13	95	207606	37.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.66%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	7124	8.909	ug/l	93
52) Toluene	8.78	92	15542	1.820	ug/l	92

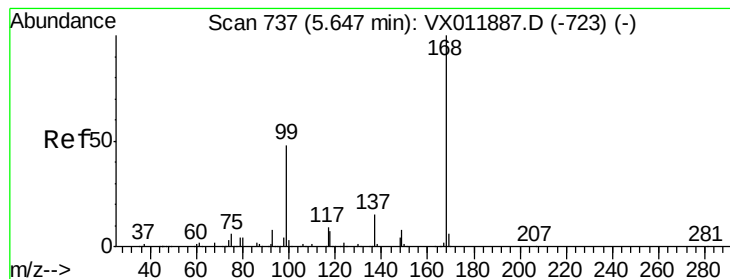
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
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: VX011998.D

Acq: 01 Sep 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

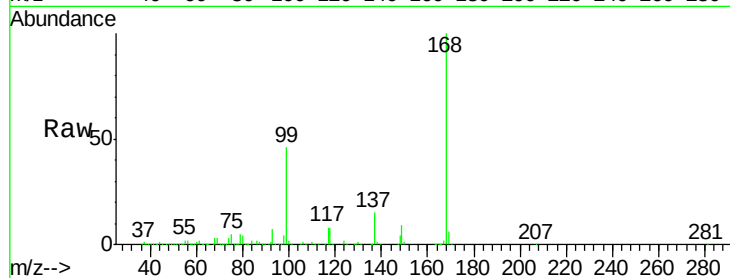
T9-12-13-T2-(0)

Tot Ion:168 Resp: 426702

Ion Ratio Lower Upper

168 100

99 45.5 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

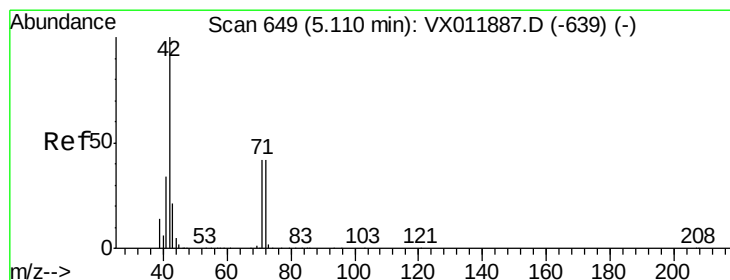
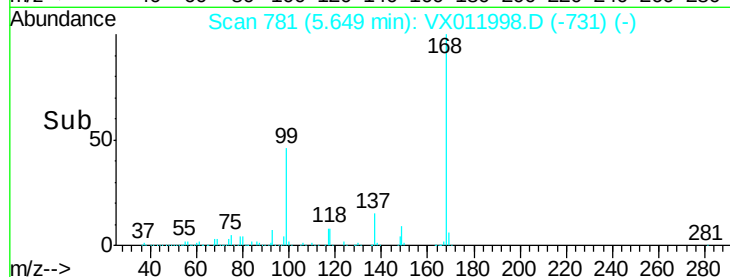
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#29

Tetrahydrofuran

Concen: 8.909 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX011998.D

Acq: 01 Sep 2019 17:59

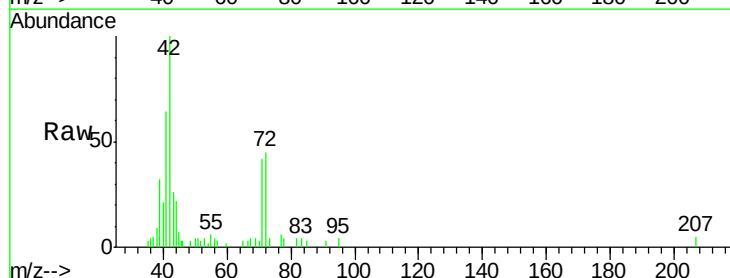
Tgt Ion: 42 Resp: 7124

Ion Ratio Lower Upper

42 100

72 46.8 36.2 54.4

71 48.6 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

2500

2000

1500

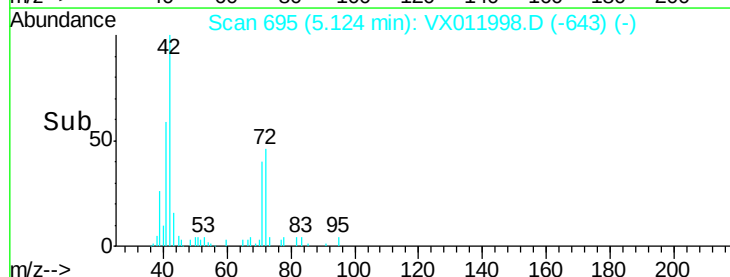
1000

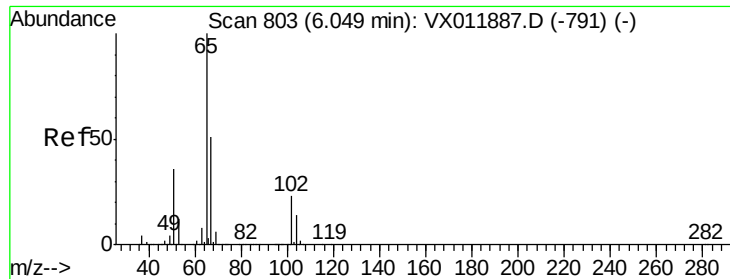
500

0

5.00 5.10 5.20

Time-->

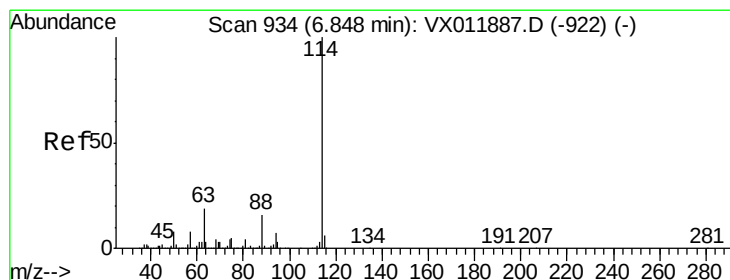
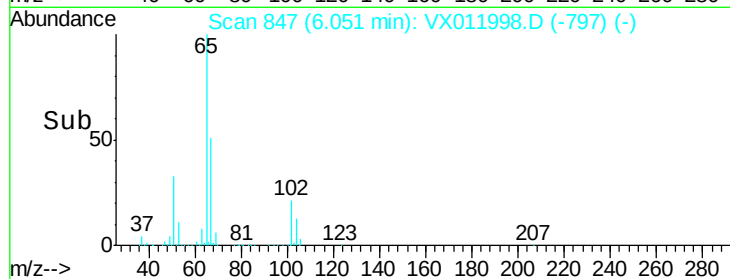
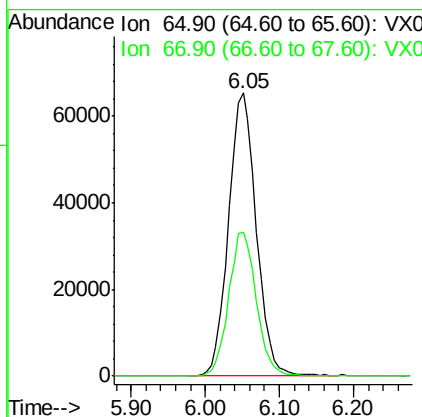
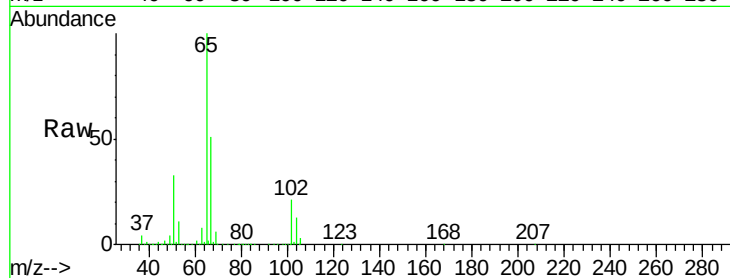




#33
 1,2-Dichloroethane-d4
 Concen: 41.624 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011998.D
 Acq: 01 Sep 2019 17:59

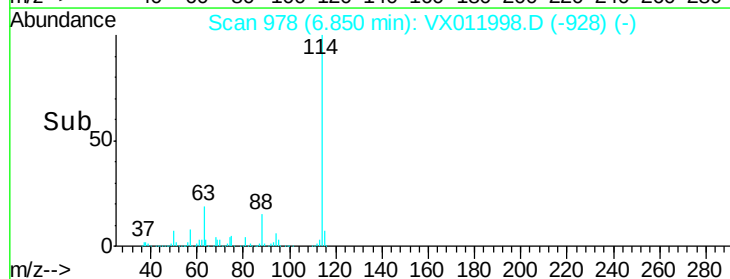
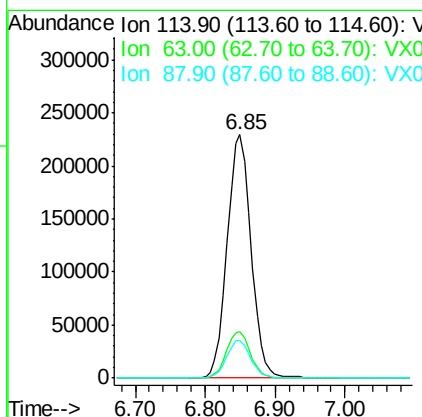
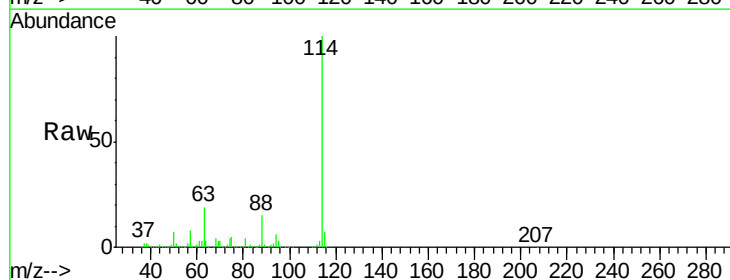
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T2-(0)

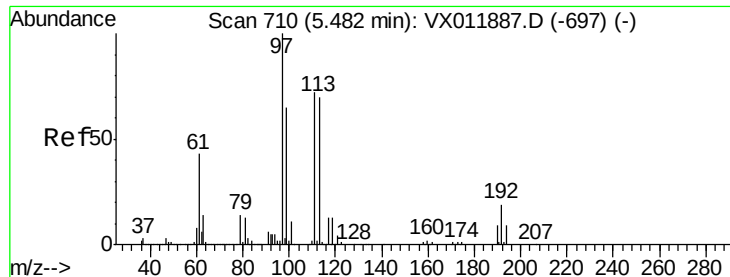
Tot Ion: 65 Resp: 170168
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011998.D
 Acq: 01 Sep 2019 17:59

Tgt Ion: 114 Resp: 545716
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.8
 88 15.3 0.0 31.2

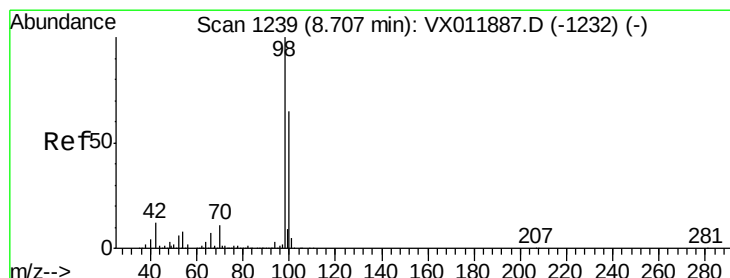
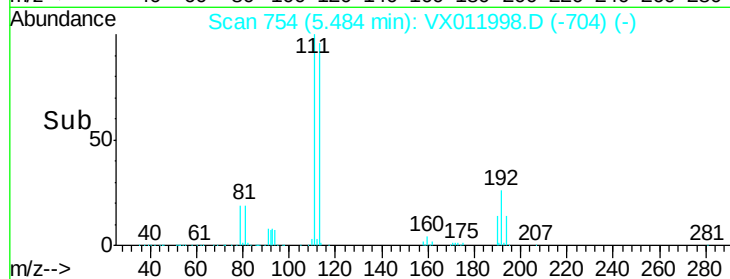
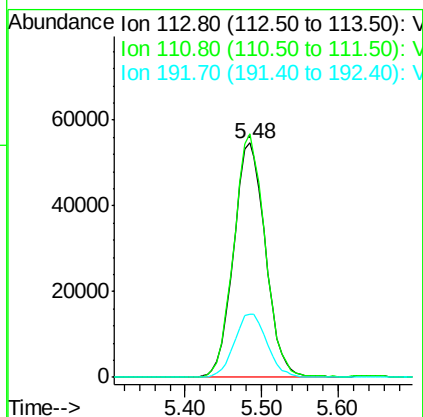
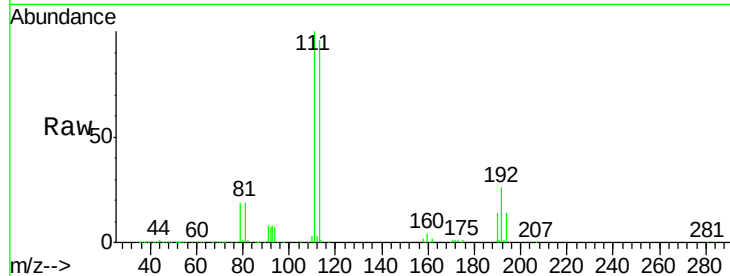




#35
 Dibromofluoromethane
 Concen: 45.152 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011998.D
 Acq: 01 Sep 2019 17:59

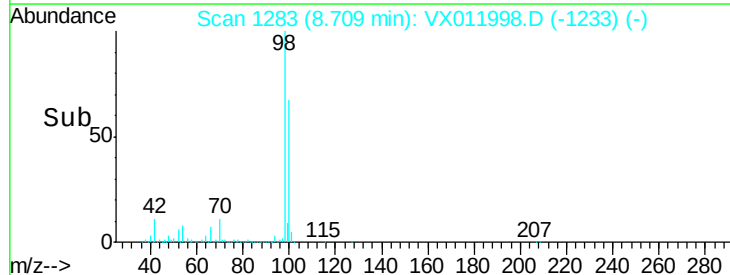
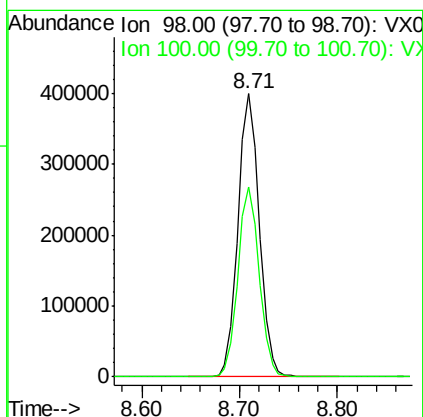
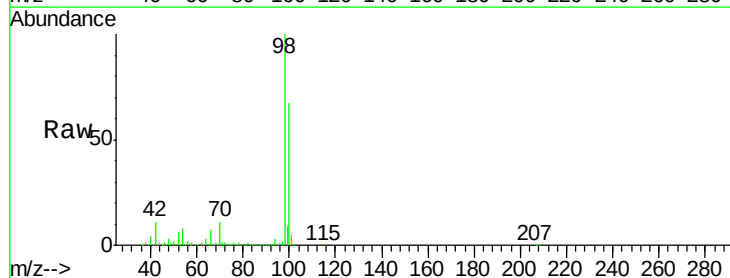
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T2-(0)

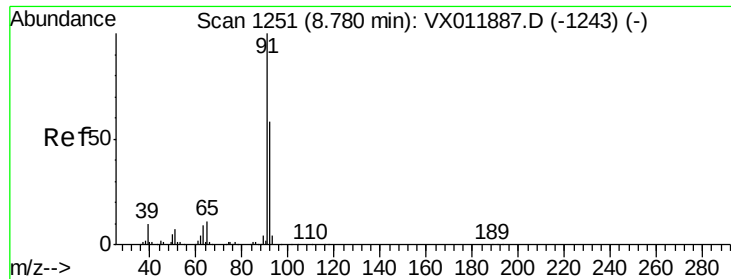
Tot Ion:113 Resp: 158003
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.1 123.1
 192 27.8 21.5 32.3



#50
 Toluene-d8
 Concen: 48.424 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX011998.D
 Acq: 01 Sep 2019 17:59

Tgt Ion: 98 Resp: 605744
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.0 79.6





#52

Toluene

Concen: 1.820 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX011998.D

Acq: 01 Sep 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

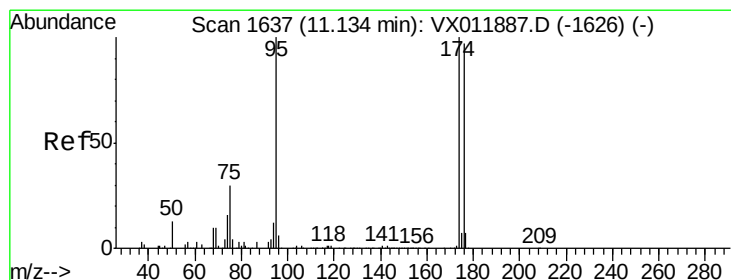
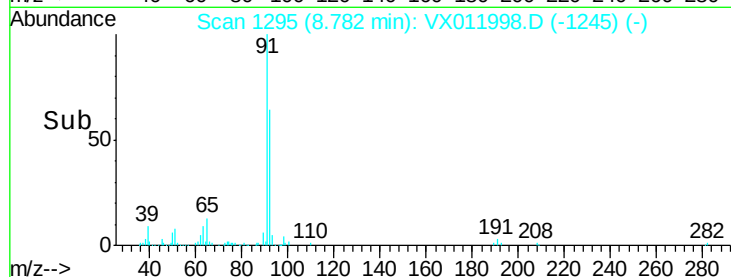
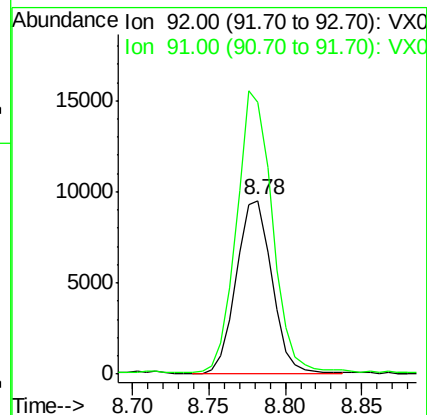
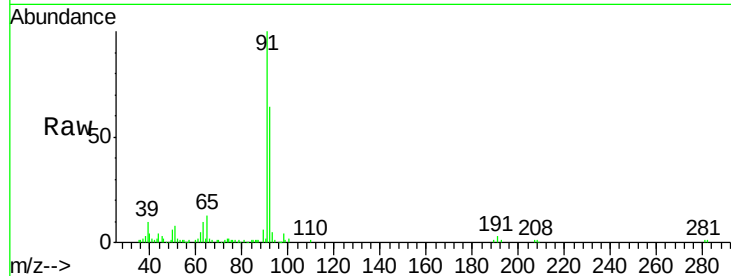
T9-12-13-T2-(0)

Tot Ion: 92 Resp: 15542

Ion Ratio Lower Upper

92 100

91 160.2 136.8 205.2



#62

4-Bromofluorobenzene

Concen: 37.834 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX011998.D

Acq: 01 Sep 2019 17:59

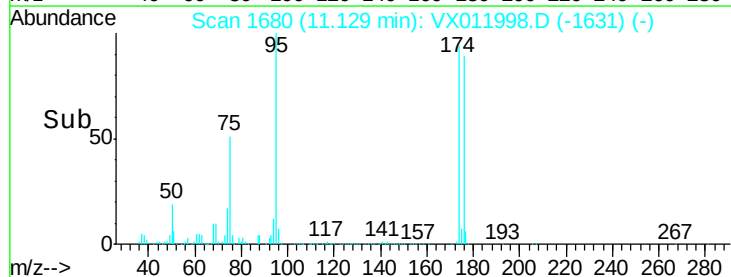
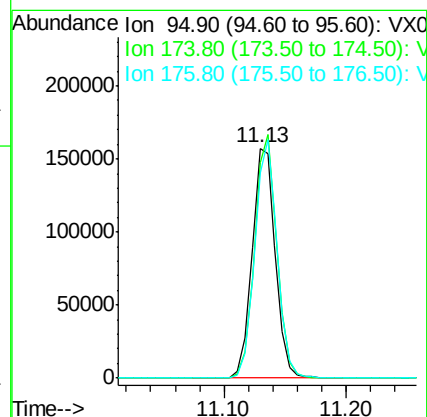
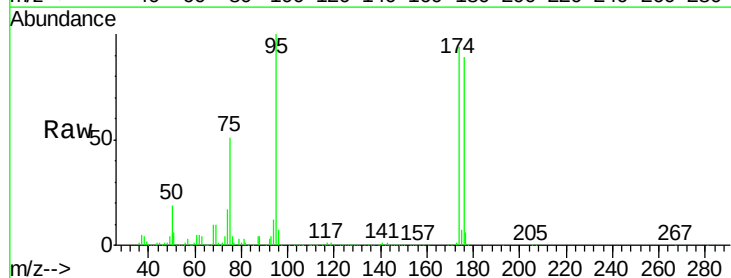
Tgt Ion: 95 Resp: 207606

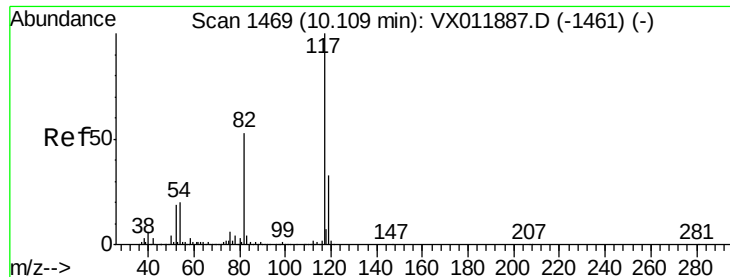
Ion Ratio Lower Upper

95 100

174 101.8 0.0 196.0

176 100.0 0.0 191.4

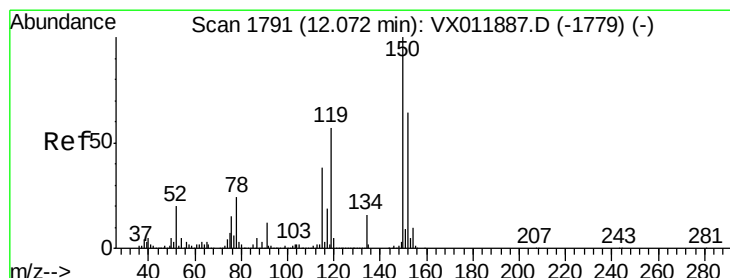
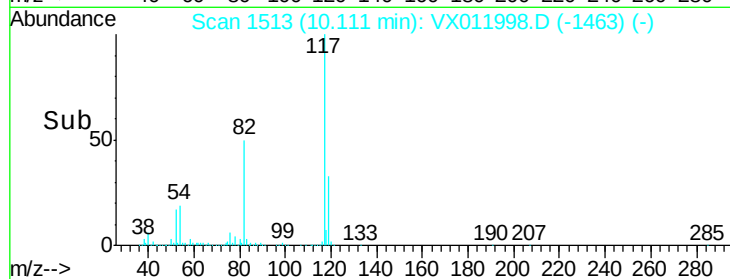
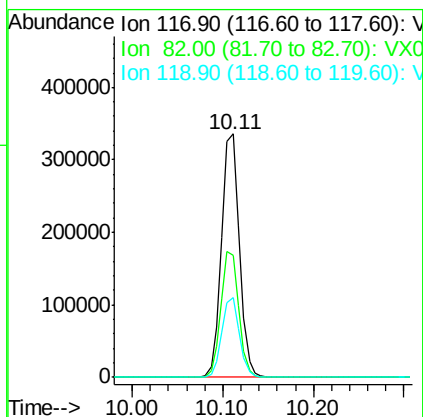
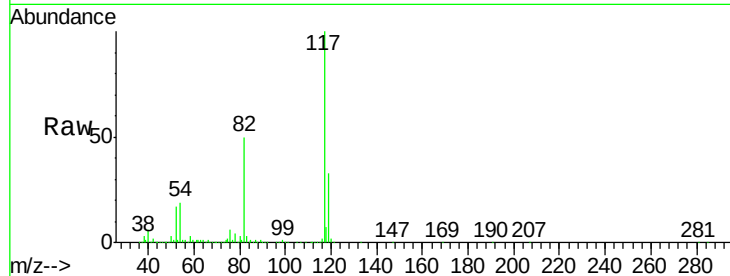




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011998.D
Acq: 01 Sep 2019 17:59

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T2-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	42.0	63.0
119	32.6	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: VX011998.D
Acq: 01 Sep 2019 17:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.0	37.1	111.3
150	154.7	0.0	339.6

