

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011938.D
 Acq On : 31 Aug 2019 06:32
 Operator : SY/SP
 Sample : K4493-13
 Misc : 5.73g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-K3-(0)

Quant Time: Aug 31 06:56:57 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

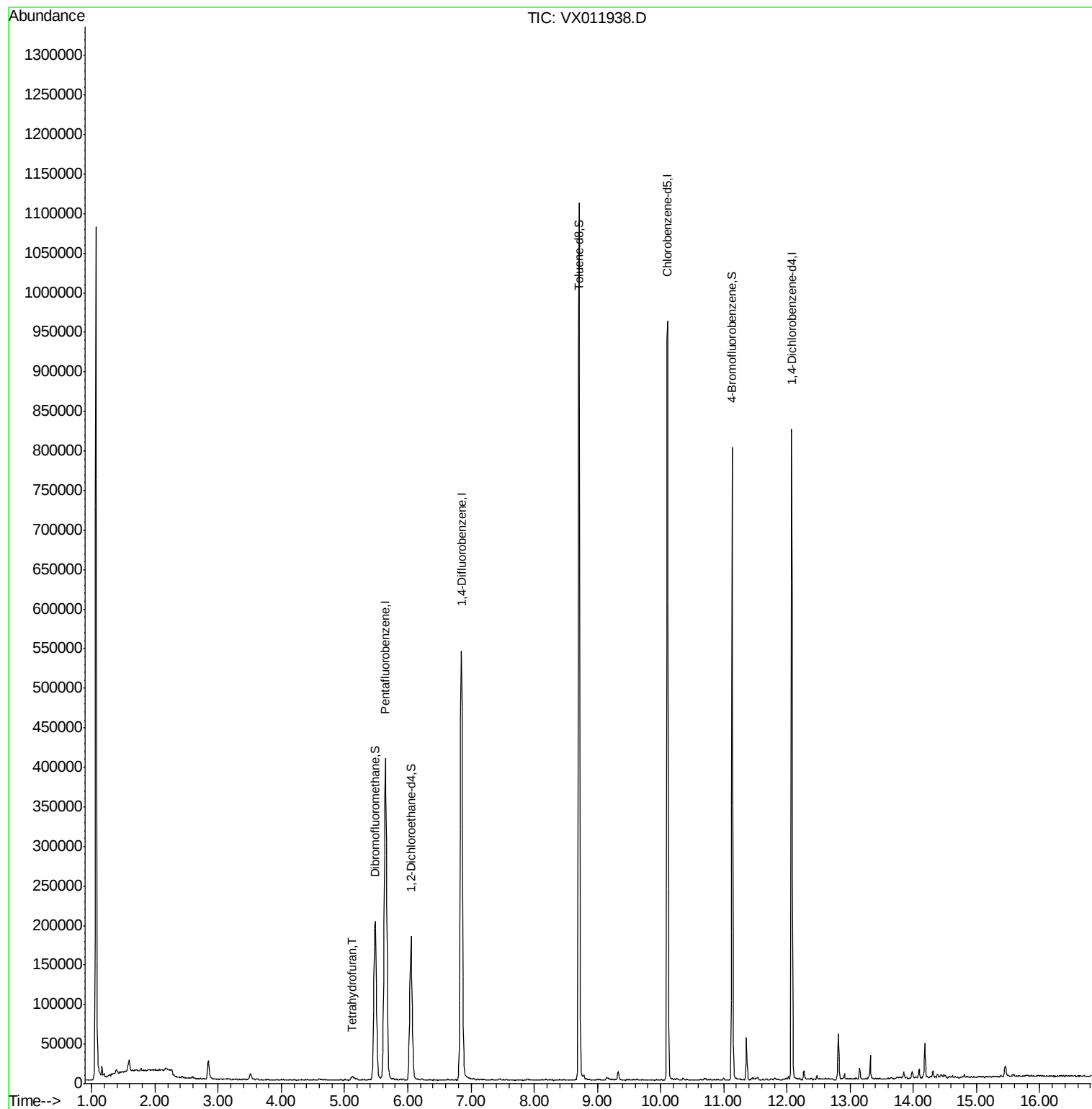
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	437013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	571045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	454776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	176295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	175734	41.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.94%	
35) Dibromofluoromethane	5.48	113	164578	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
50) Toluene-d8	8.71	98	632311	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.13	95	190751	33.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.44%	
Target Compounds						
29) Tetrahydrofuran	5.13	42	4558	5.566	ug/l	Qvalue 95

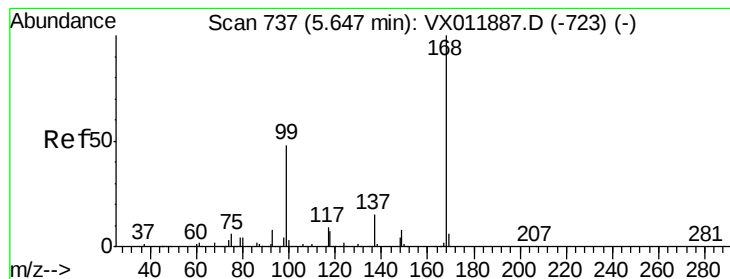
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX083019\
Data File : VX011938.D
Acq On : 31 Aug 2019 06:32
Operator : SY/SP
Sample : K4493-13
Misc : 5.73g/5.0mL/MSVOA X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-K3-(0)

Quant Time: Aug 31 06:56:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
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: VX011938.D

Acq: 31 Aug 2019 06:32

Instrument :

MSVOA_X

ClientSampleId :

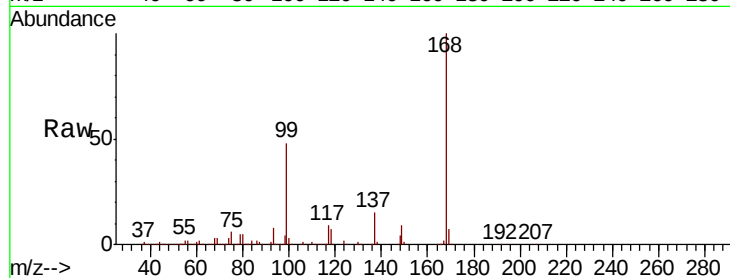
T9-12-13-K3-(0)

Tot Ion:168 Resp: 437013

Ion Ratio Lower Upper

168 100

99 48.0 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

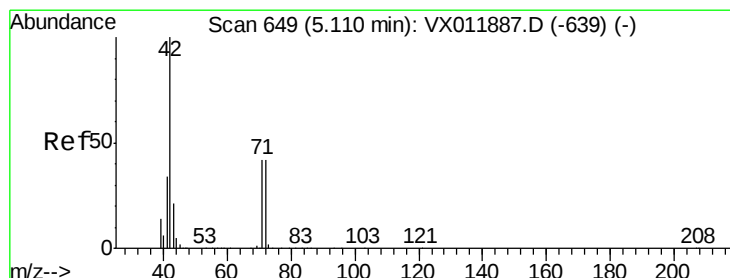
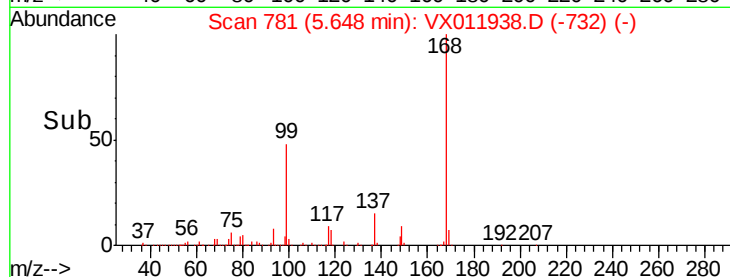
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 5.566 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX011938.D

Acq: 31 Aug 2019 06:32

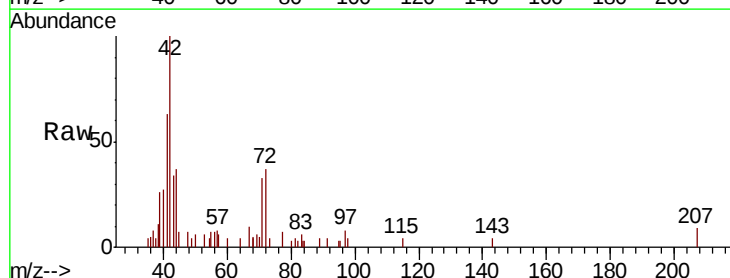
Tgt Ion: 42 Resp: 4558

Ion Ratio Lower Upper

42 100

72 47.3 36.2 54.4

71 45.4 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

2000

1500

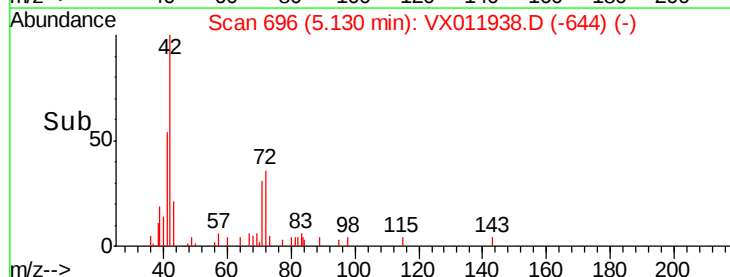
1000

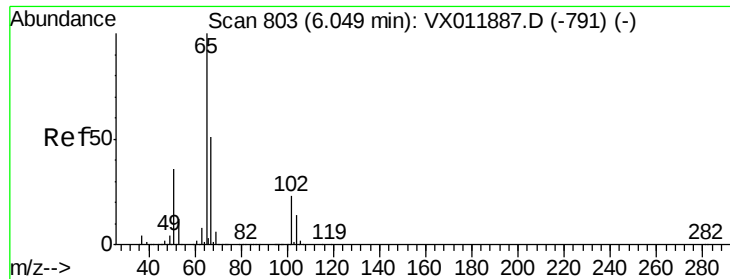
500

0

Time-->

5.05 5.10 5.15 5.20

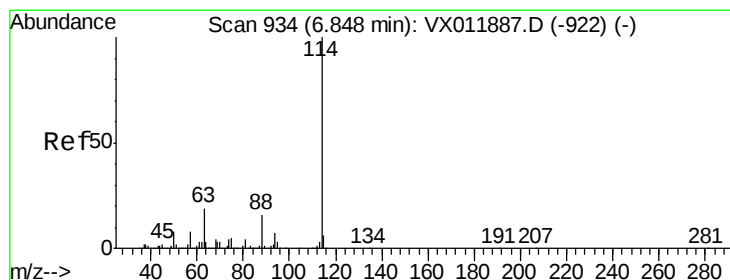
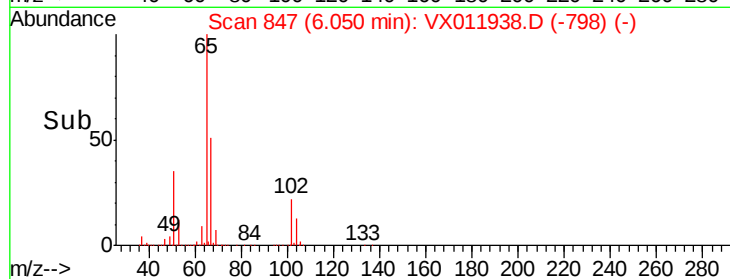
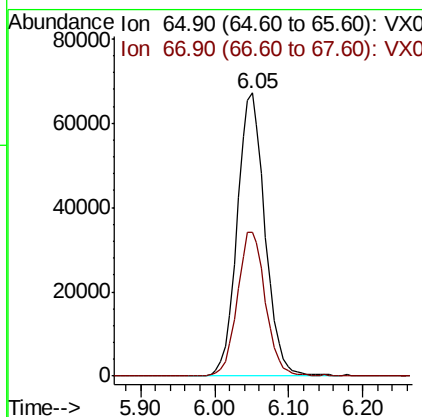
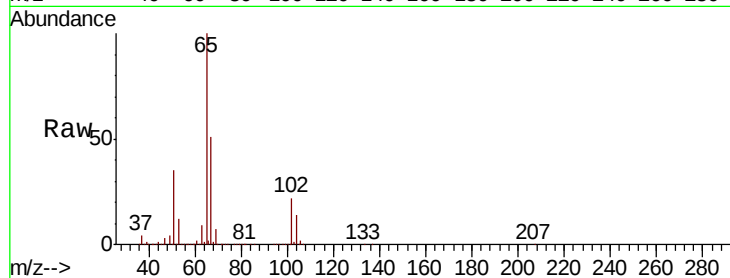




#33
 1,2-Dichloroethane-d4
 Concen: 41.971 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011938.D
 Acq: 31 Aug 2019 06:32

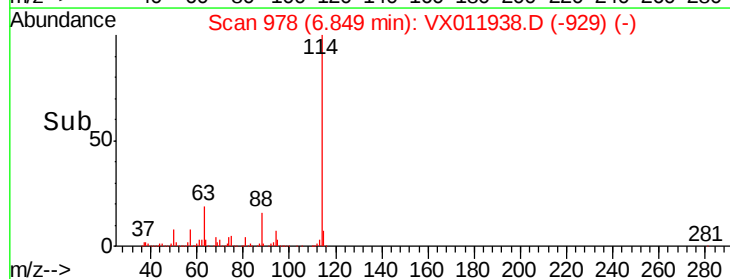
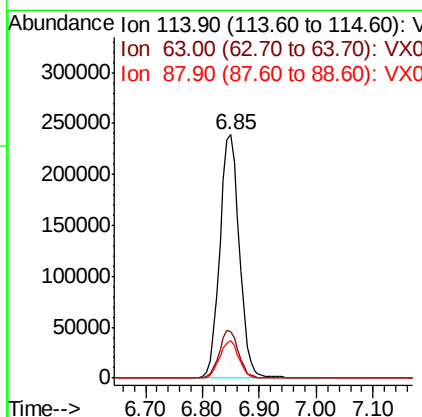
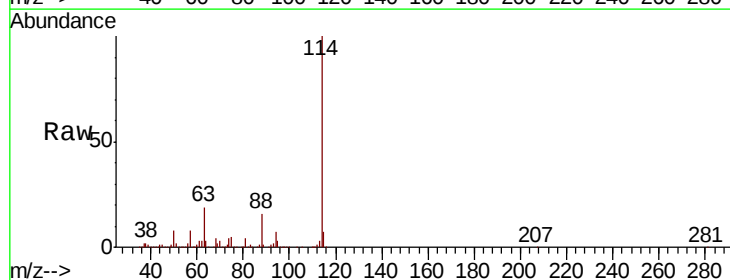
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-K3-(0)

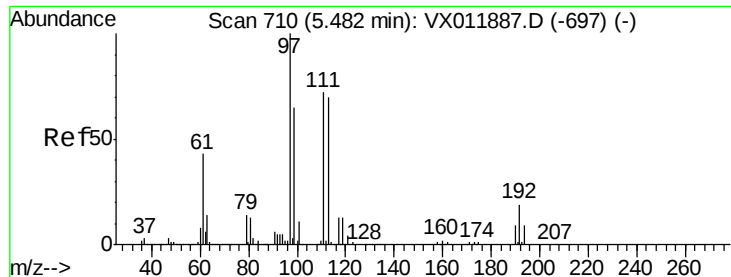
Tot Ion: 65 Resp: 175734
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011938.D
 Acq: 31 Aug 2019 06:32

Tgt Ion: 114 Resp: 571045
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 15.6 0.0 31.2

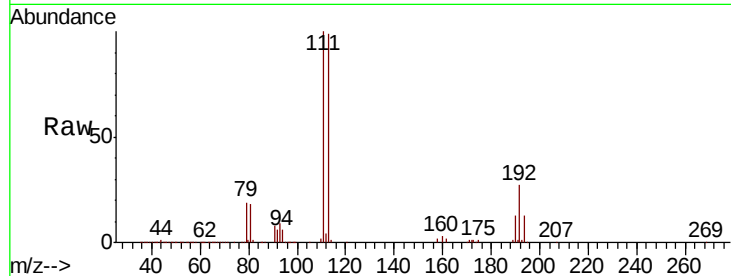




#35
 Dibromofluoromethane
 Concen: 44.945 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011938.D
 Acq: 31 Aug 2019 06:32

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-K3-(0)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.1	123.1
192	26.9	21.5	32.3

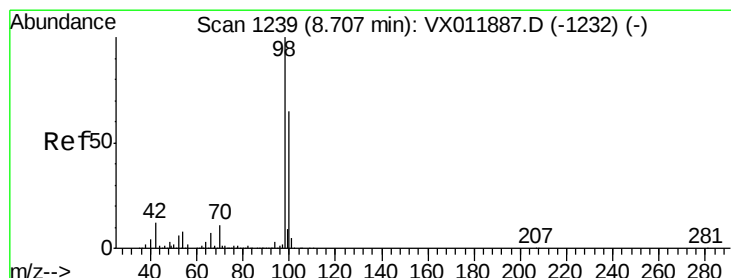
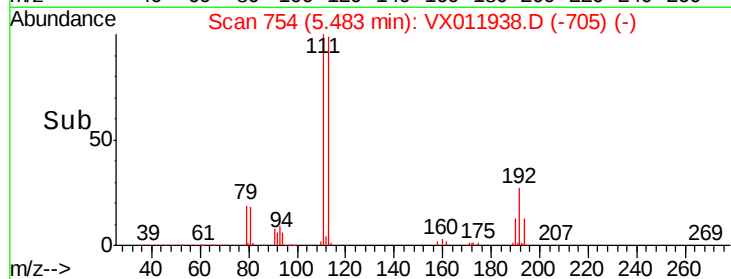
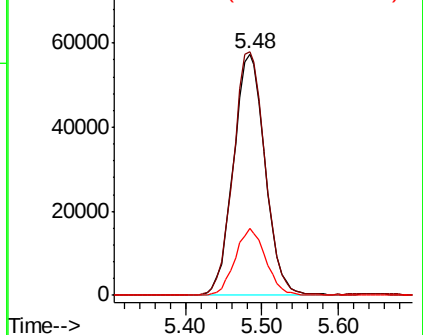


Abundance

Ion 112.80 (112.50 to 113.50): V

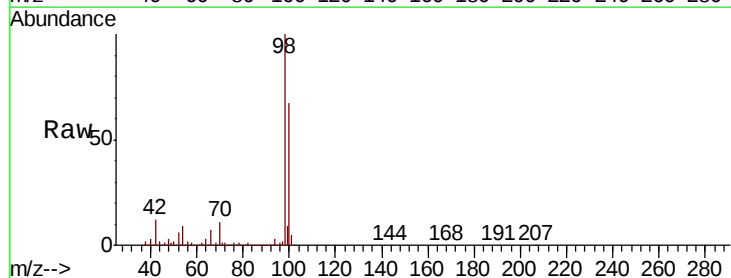
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 48.306 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX011938.D
 Acq: 31 Aug 2019 06:32

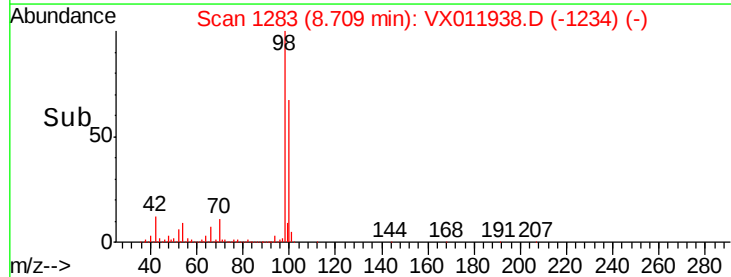
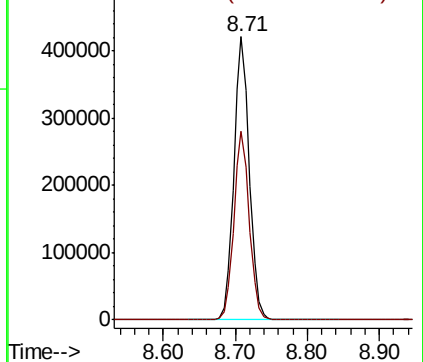
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6

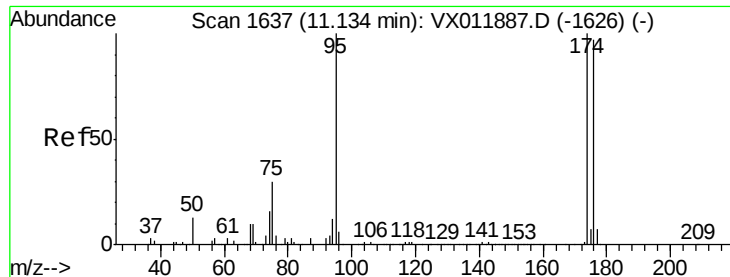


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 33.220 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011938.D

Acq: 31 Aug 2019 06:32

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-K3-(0)

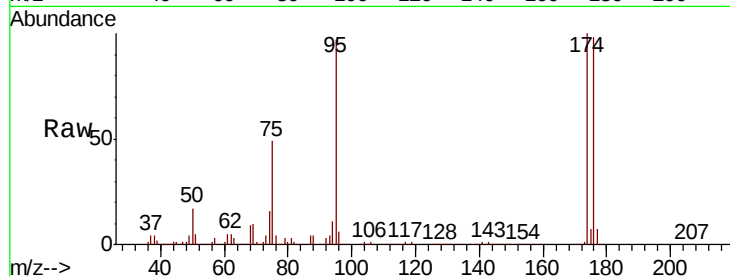
Tot Ion: 95 Resp: 190751

Ion Ratio Lower Upper

95 100

174 98.2 0.0 196.0

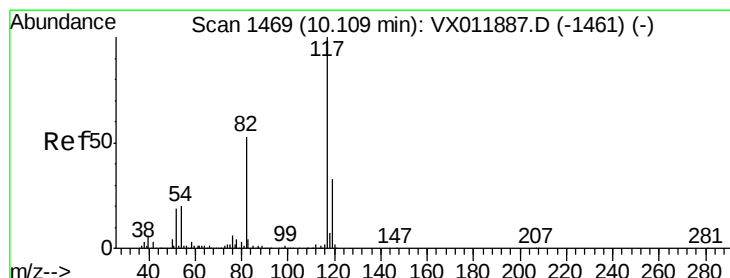
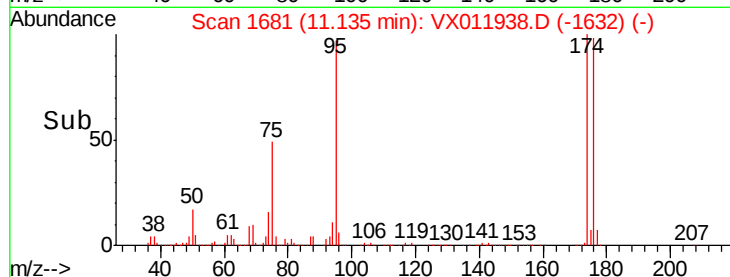
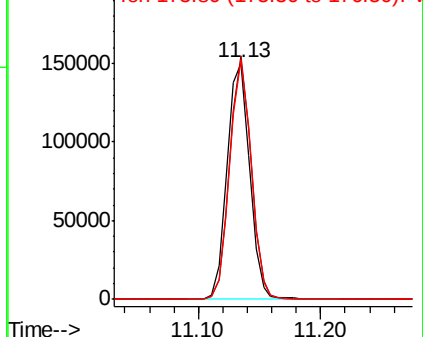
176 96.9 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VX011887.D (-1626) (-)

Ion 173.80 (173.50 to 174.50): VX011887.D (-1626) (-)

Ion 175.80 (175.50 to 176.50): VX011887.D (-1626) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX011938.D

Acq: 31 Aug 2019 06:32

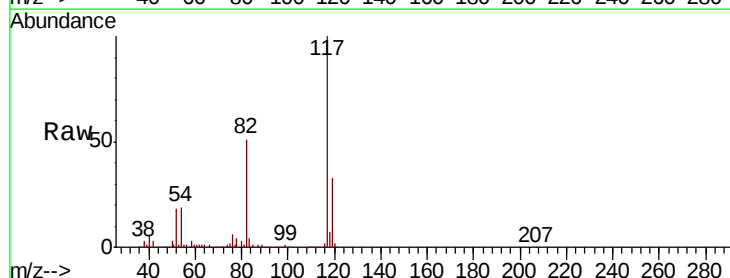
Tgt Ion: 117 Resp: 454776

Ion Ratio Lower Upper

117 100

82 50.8 42.0 63.0

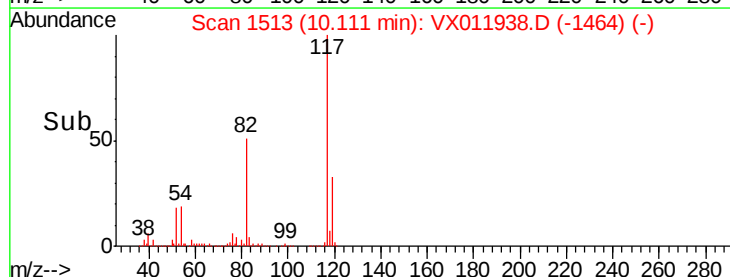
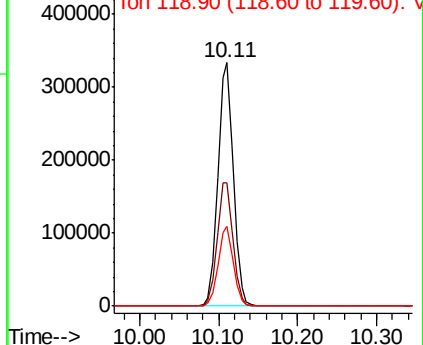
119 32.7 26.2 39.4

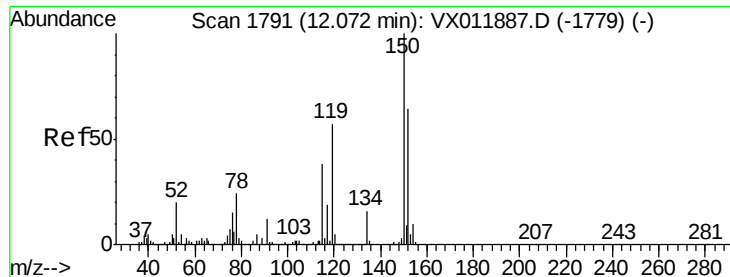


Abundance Ion 116.90 (116.60 to 117.60): VX011887.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011887.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011887.D (-1461) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX011938.D

Acq: 31 Aug 2019 06:32

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-K3-(0)

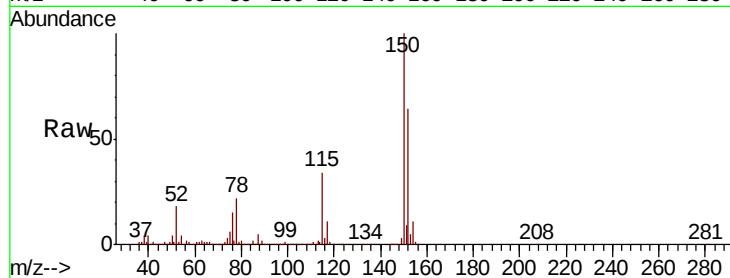
Tot Ion:152 Resp: 176295

Ion Ratio Lower Upper

152 100

115 52.7 37.1 111.3

150 155.3 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

