

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011913.D
 Acq On : 30 Aug 2019 17:50
 Operator : SY/SP
 Sample : K4475-12
 Misc : 5.05g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-2-B-(2.5)

Quant Time: Aug 31 02:27:08 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

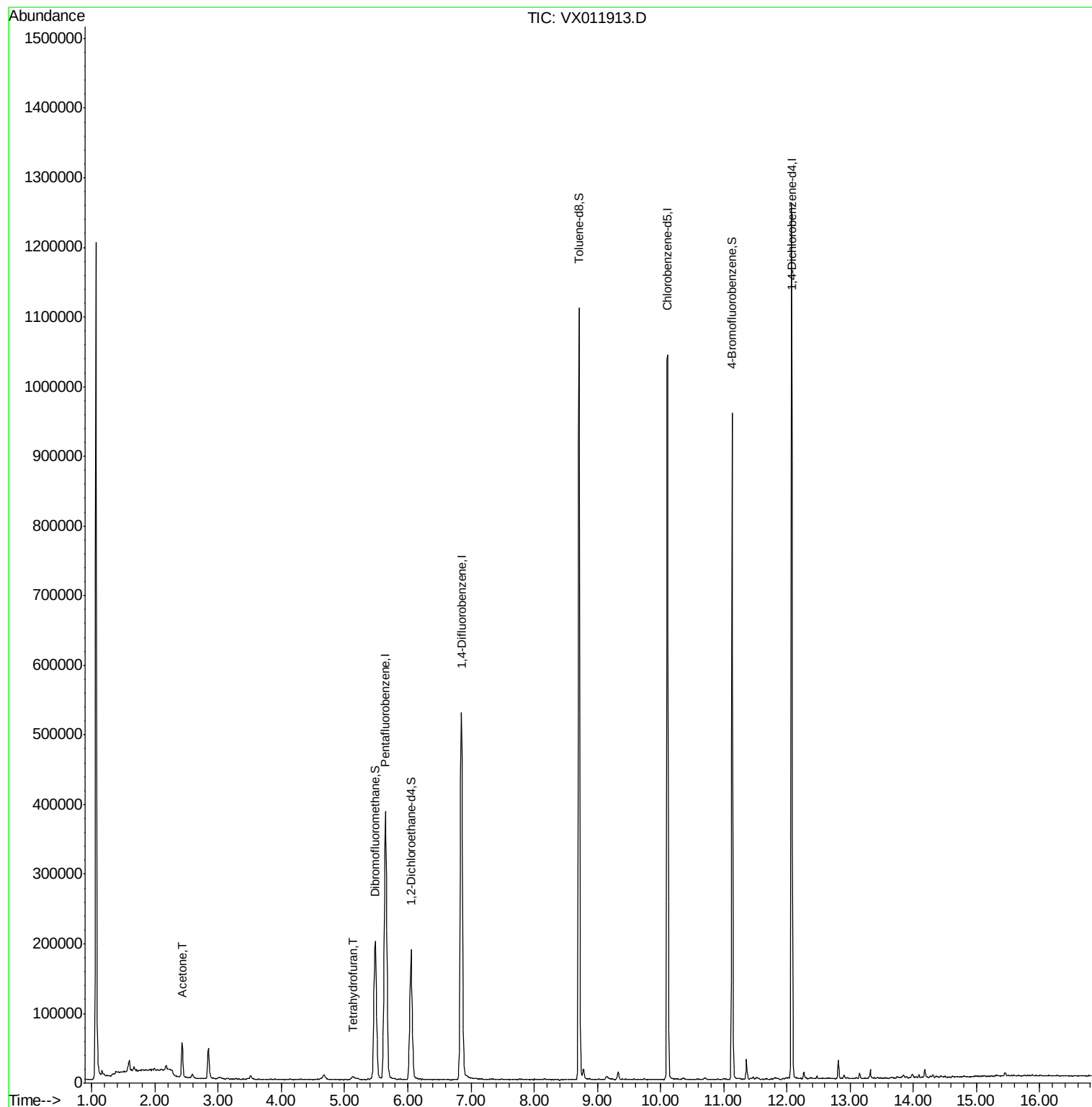
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	411466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	553575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	496135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	267508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	178417	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
35) Dibromofluoromethane	5.48	113	163003	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
50) Toluene-d8	8.71	98	640473	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.14	95	238925	42.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.84%	
Target Compounds						
16) Acetone	2.43	43	54278	63.991	ug/l	99
29) Tetrahydrofuran	5.13	42	4242	5.501	ug/l	92

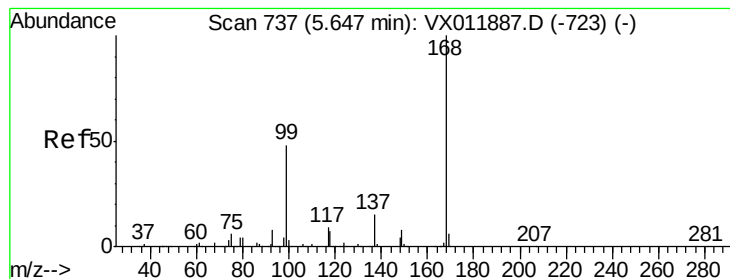
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011913.D

Acq: 30 Aug 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

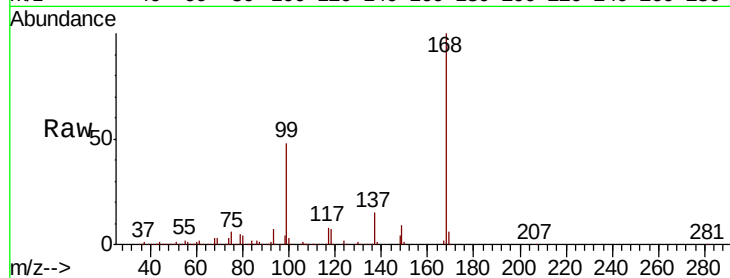
T1-2-B-(2.5)

Tot Ion:168 Resp: 411466

Ion Ratio Lower Upper

168 100

99 47.6 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

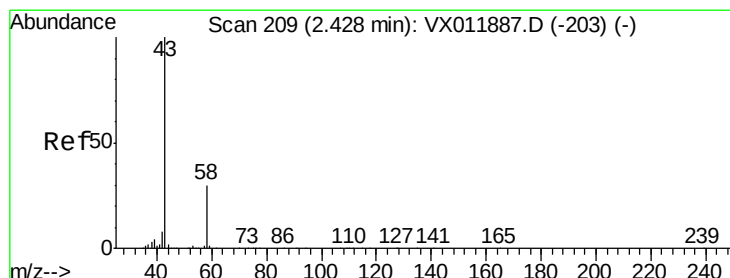
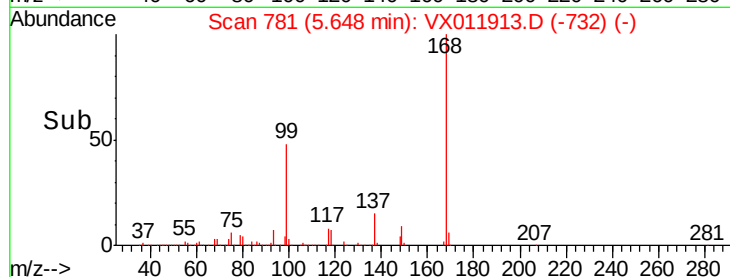
50000

0

5.50 5.60 5.70 5.80

5.65

Time-->



#16

Acetone

Concen: 63.991 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011913.D

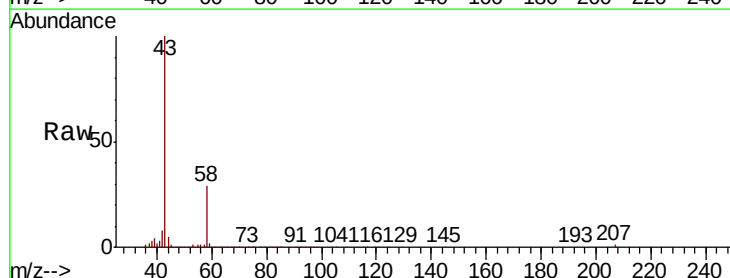
Acq: 30 Aug 2019 17:50

Tgt Ion: 43 Resp: 54278

Ion Ratio Lower Upper

43 100

58 29.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

30000

20000

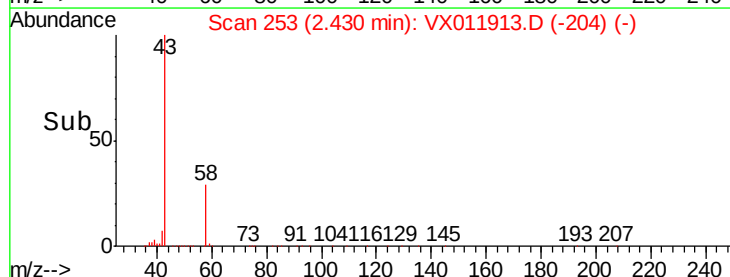
10000

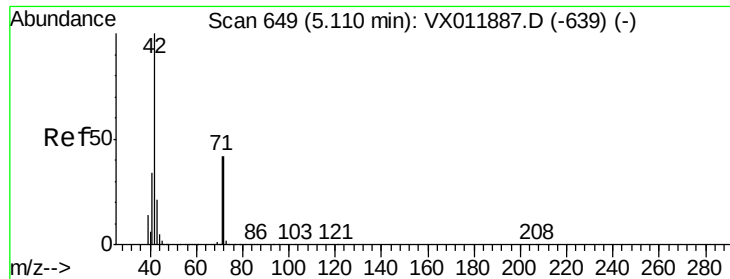
0

2.35 2.40 2.45 2.50

2.43

Time-->

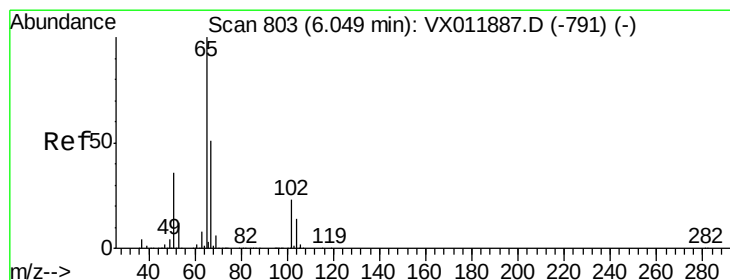
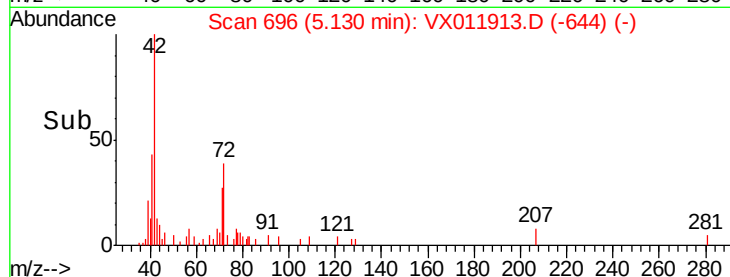
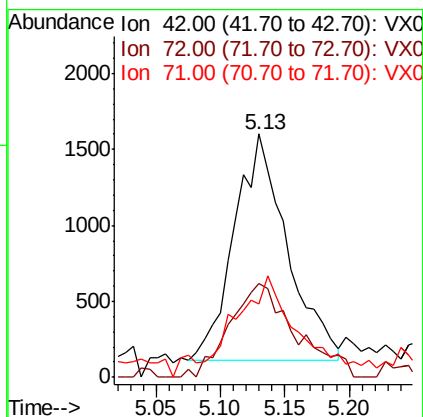
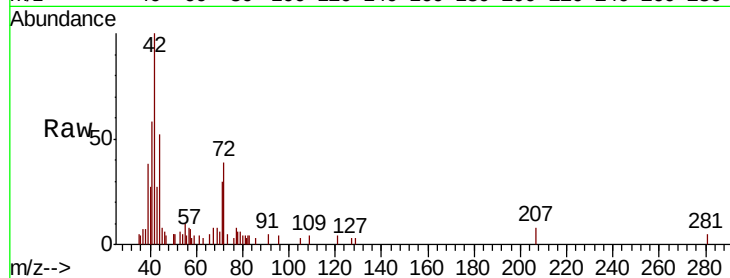




#29
Tetrahydrofuran
Concen: 5.501 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX011913.D
Acq: 30 Aug 2019 17:50

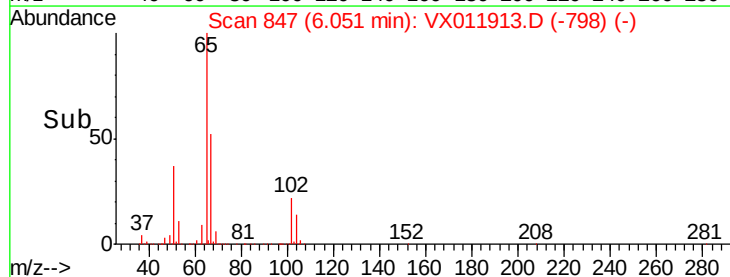
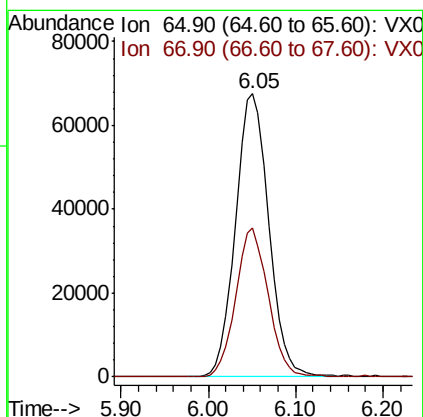
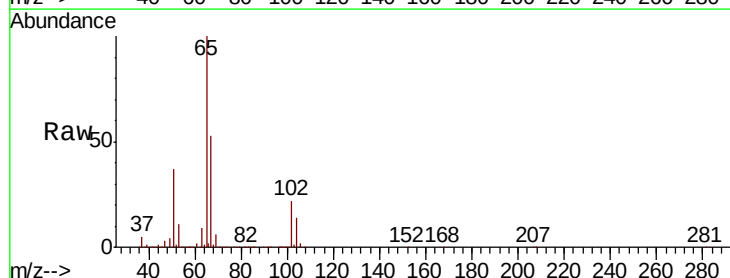
Instrument :
MSVOA_X
ClientSampled :
T1-2-B-(2.5)

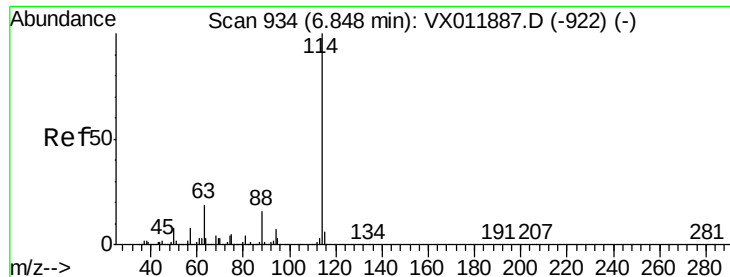
Tot Ion: 42 Resp: 4242
Ion Ratio Lower Upper
42 100
72 51.8 36.2 54.4
71 45.5 33.1 49.7



#33
1,2-Dichloroethane-d4
Concen: 45.258 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011913.D
Acq: 30 Aug 2019 17:50

Tgt Ion: 65 Resp: 178417
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: VX011913.D

Acq: 30 Aug 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

T1-2-B-(2.5)

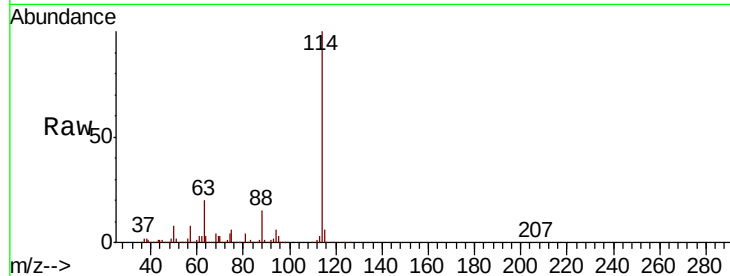
Tot Ion:114 Resp: 553575

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

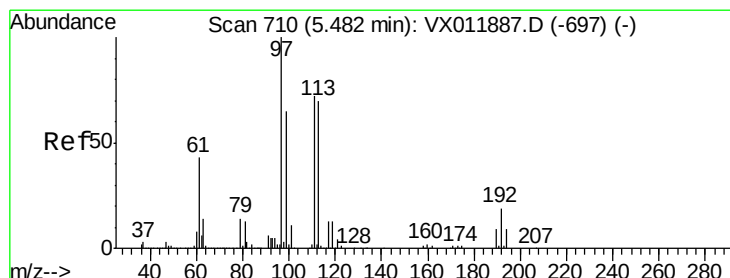
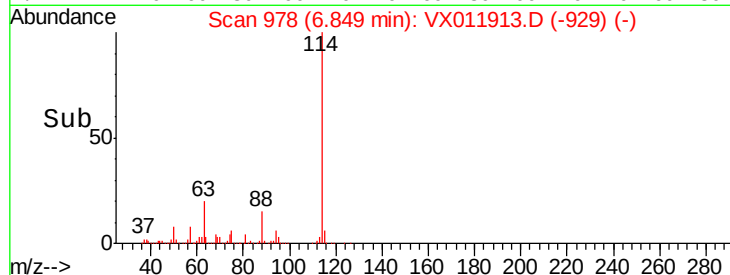
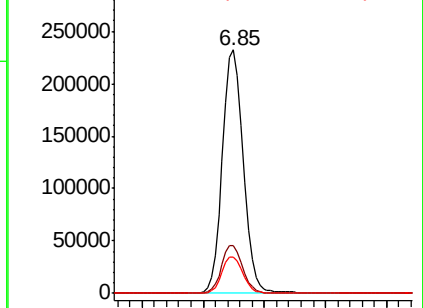
88 15.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 45.920 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011913.D

Acq: 30 Aug 2019 17:50

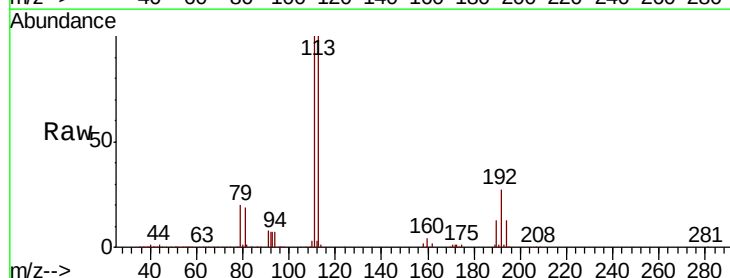
Tgt Ion:113 Resp: 163003

Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

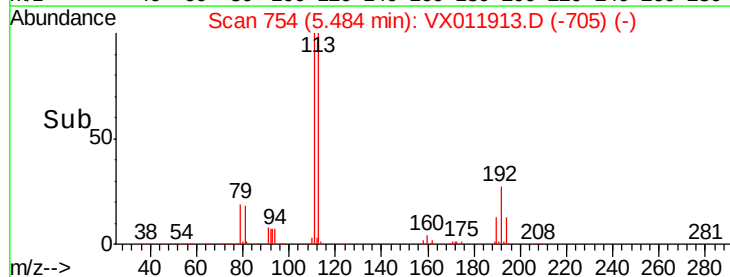
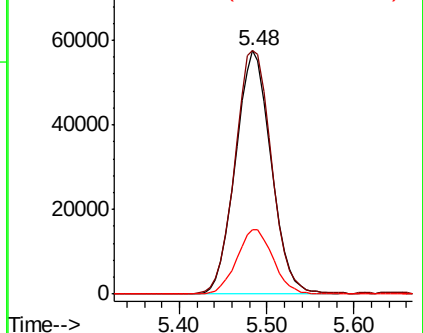
192 27.3 21.5 32.3

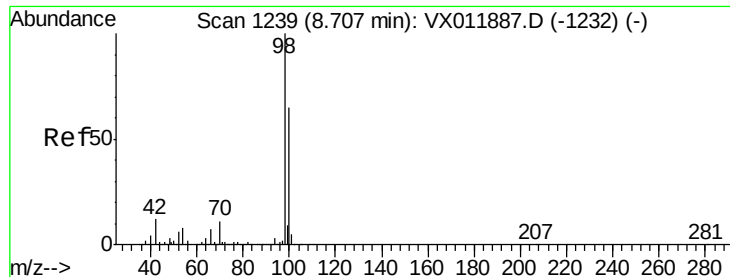


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.474 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011913.D

Acq: 30 Aug 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

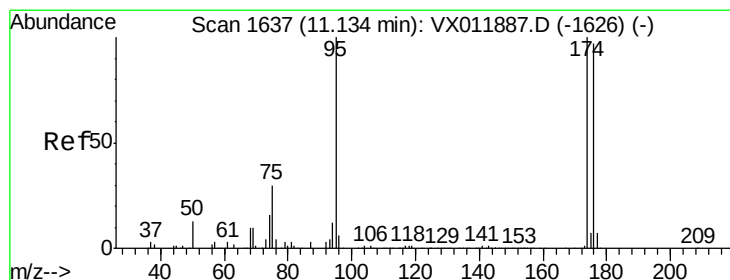
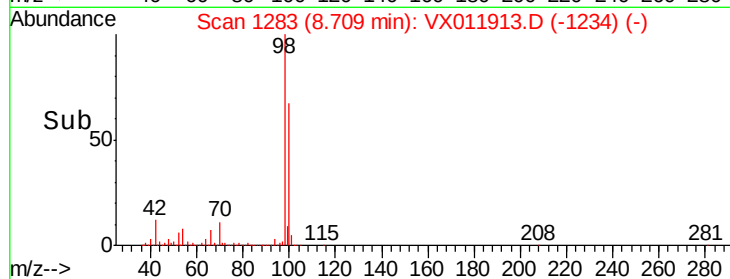
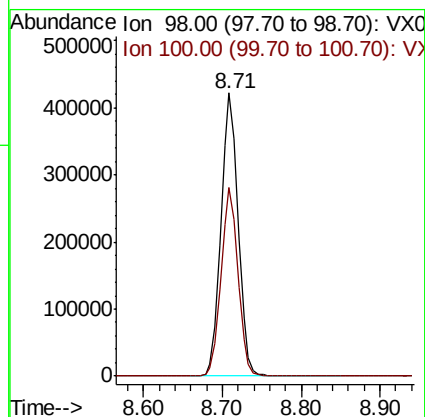
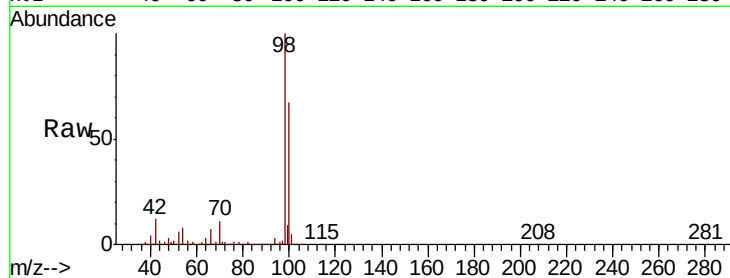
T1-2-B-(2.5)

Tot Ion: 98 Resp: 640473

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 42.923 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011913.D

Acq: 30 Aug 2019 17:50

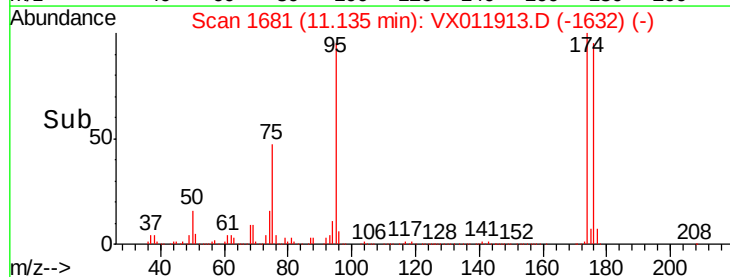
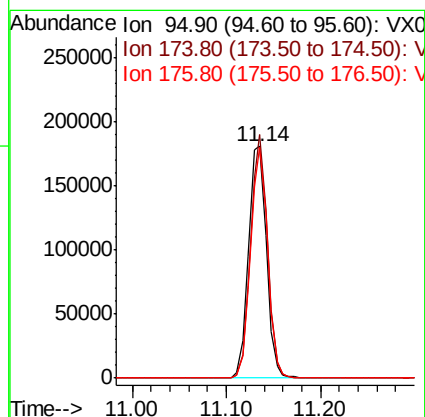
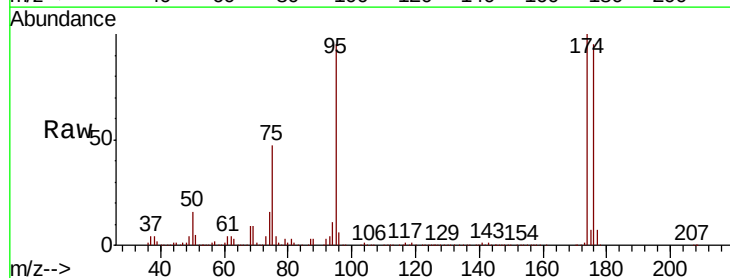
Tgt Ion: 95 Resp: 238925

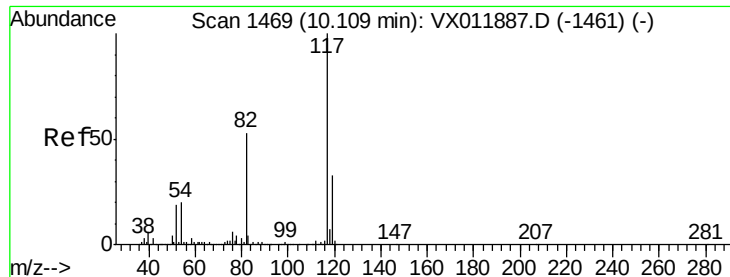
Ion Ratio Lower Upper

95 100

174 98.9 0.0 196.0

176 94.9 0.0 191.4

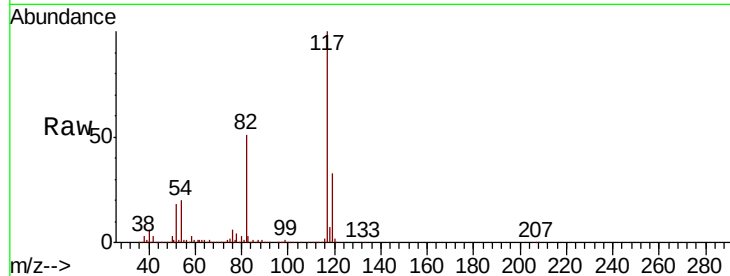




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011913.D
Acq: 30 Aug 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
T1-2-B-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.0	63.0
119	32.8	26.2	39.4

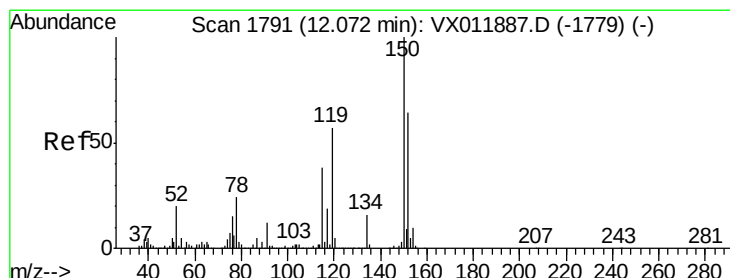
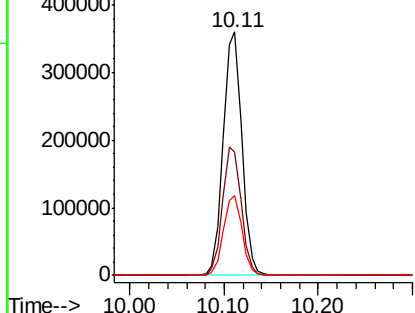
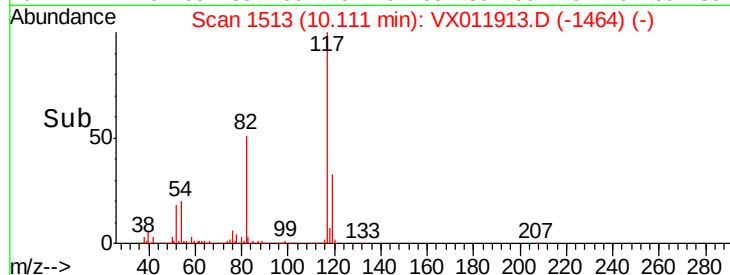


Abundance

Ion 116.90 (116.60 to 117.60): V

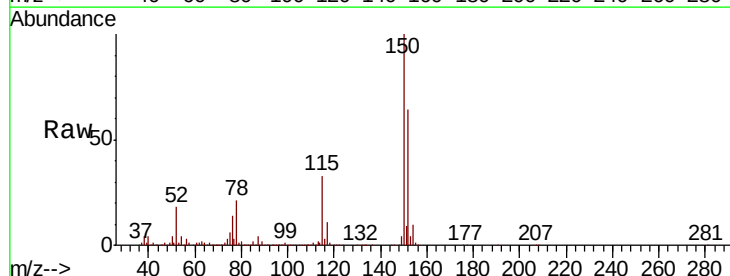
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011913.D
Acq: 30 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.8	37.1	111.3
150	155.8	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

