

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012084.D
 Acq On : 05 Sep 2019 07:05
 Operator : SY/SP
 Sample : K4548-02
 Misc : 4.73g/5.0mL/MSVOA X/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-2-(2.5)

Quant Time: Sep 05 08:09:41 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

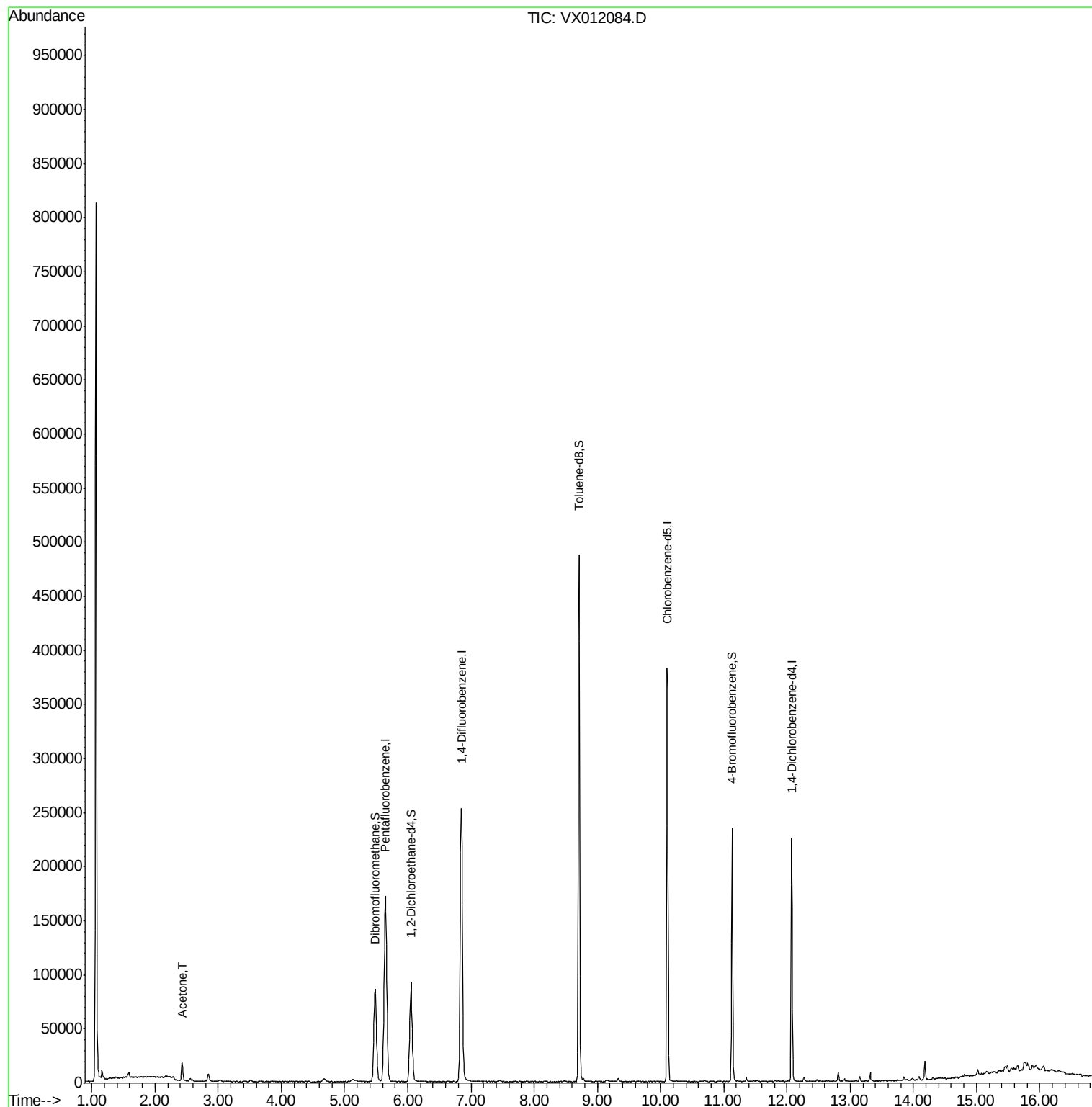
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	146497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	244555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	163520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	41524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	92961	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
35) Dibromofluoromethane	5.48	113	73011	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
50) Toluene-d8	8.71	98	274478	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	68868	26.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.66%	
Target Compounds						
16) Acetone	2.43	43	18111	37.485	ug/l	Qvalue 98

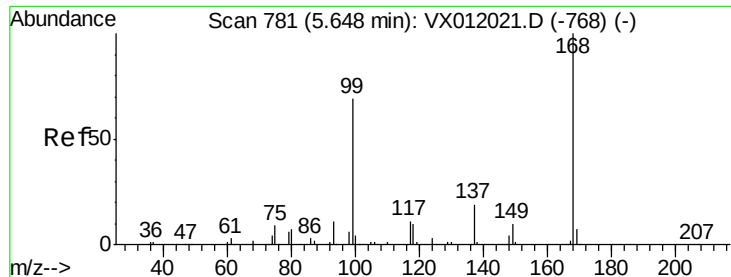
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#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 07:05

Instrument :

MSVOA_X

ClientSampleId :

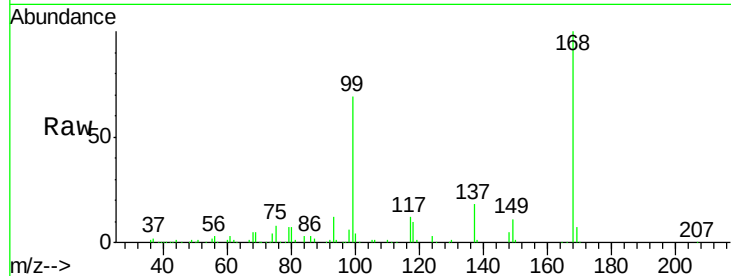
T11-2-(2.5)

Tot Ion:168 Resp: 146497

Ion Ratio Lower Upper

168 100

99 68.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

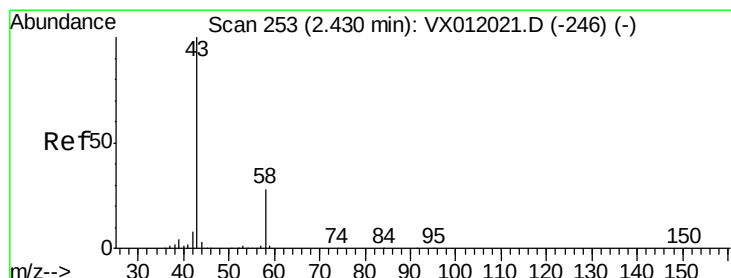
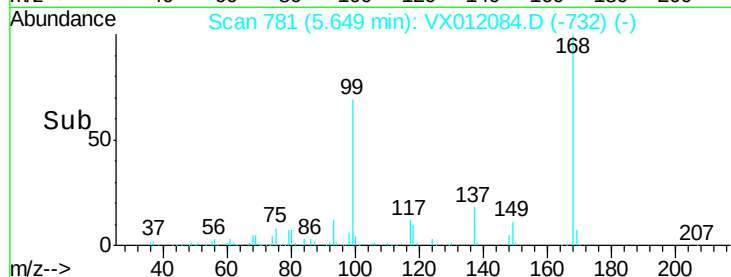
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#16

Acetone

Concen: 37.485 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012084.D

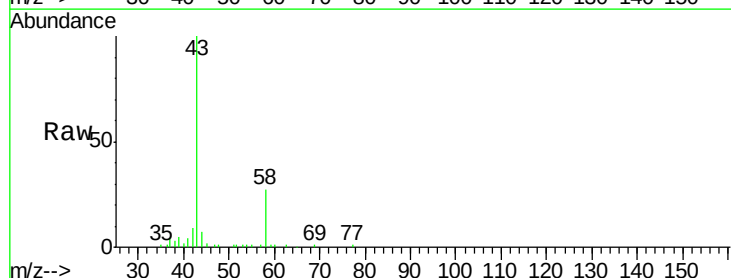
Acq: 05 Sep 2019 07:05

Tgt Ion: 43 Resp: 18111

Ion Ratio Lower Upper

43 100

58 27.7 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

12000

10000

8000

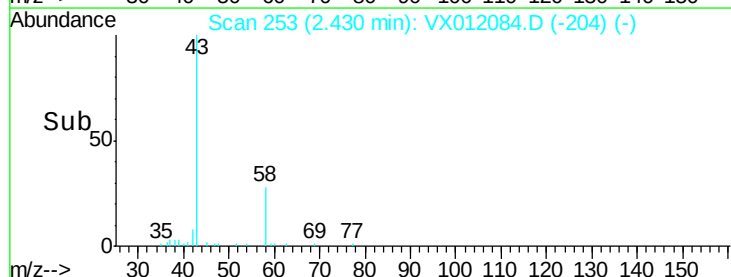
6000

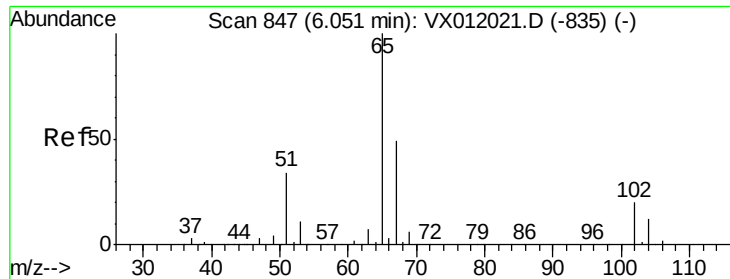
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

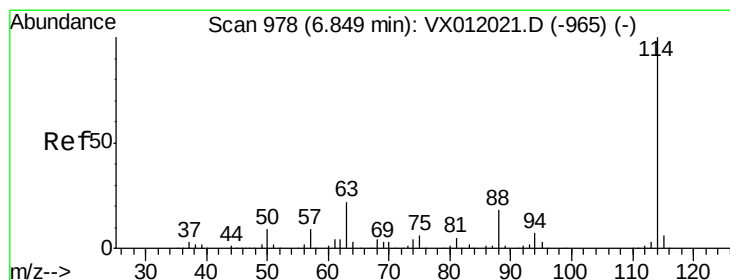
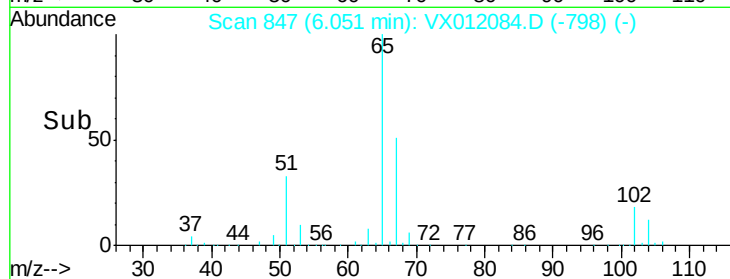
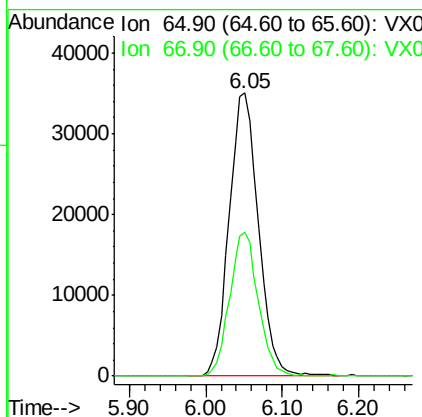
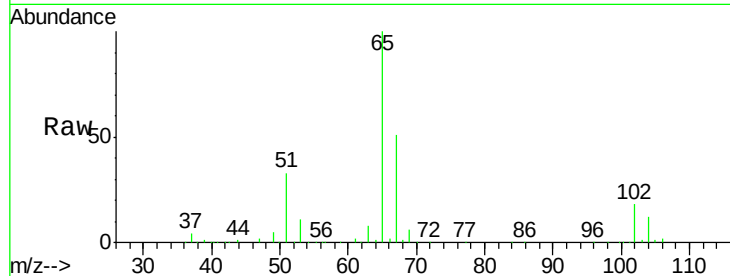




#33
 1,2-Dichloroethane-d4
 Concen: 45.989 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012084.D
 Acq: 05 Sep 2019 07:05

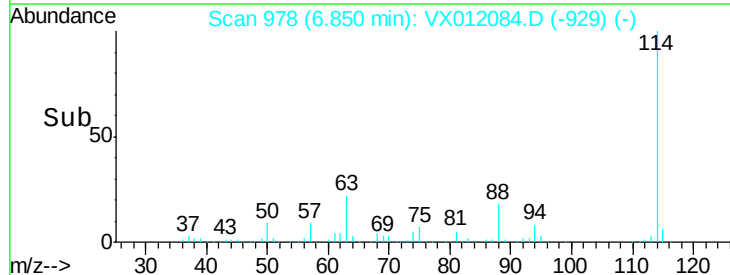
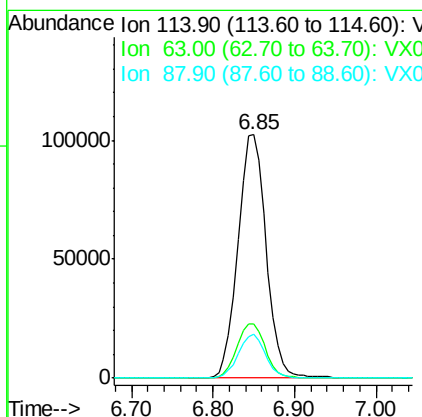
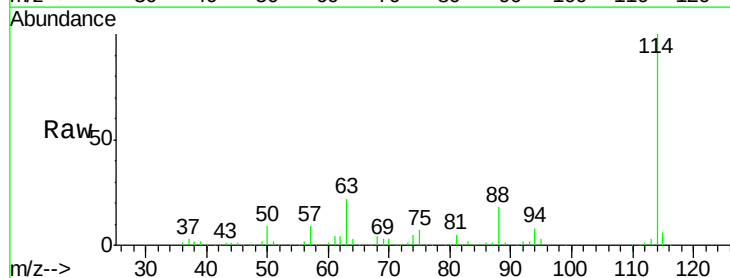
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-2-(2.5)

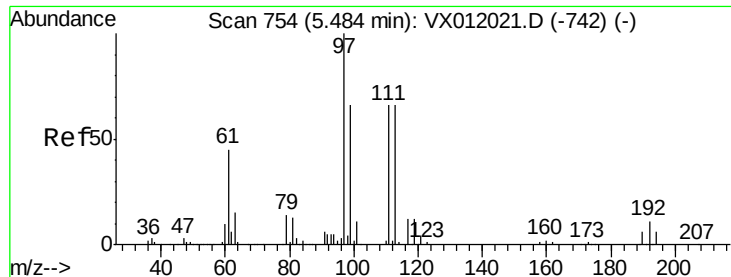
Tot Ion: 65 Resp: 92961
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012084.D
 Acq: 05 Sep 2019 07:05

Tgt Ion: 114 Resp: 244555
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 37.4
 88 17.8 0.0 29.6

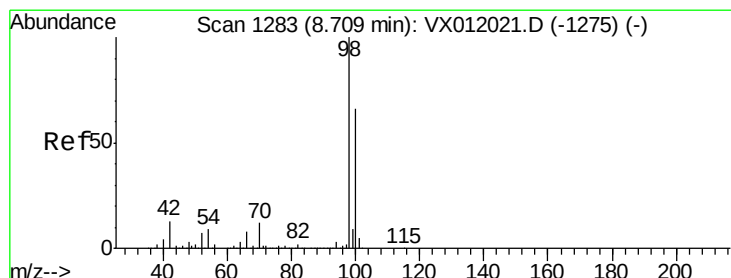
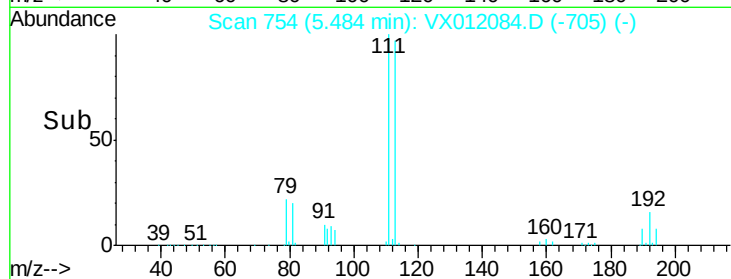
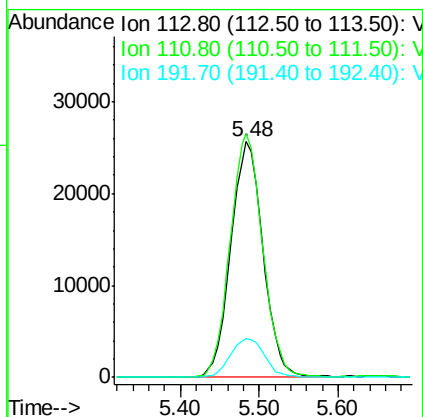
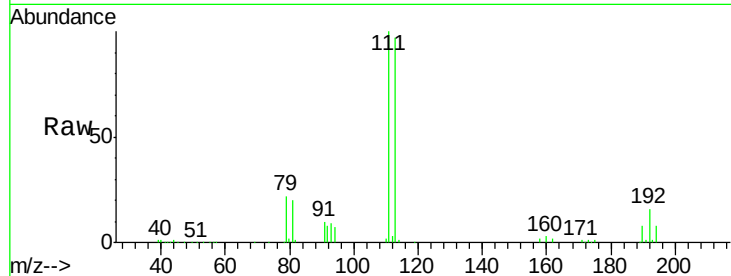




#35
 Dibromofluoromethane
 Concen: 48.546 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012084.D
 Acq: 05 Sep 2019 07:05

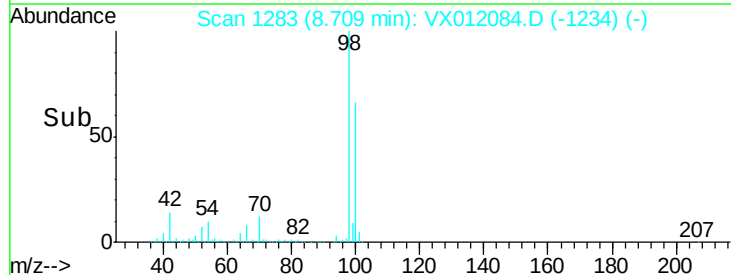
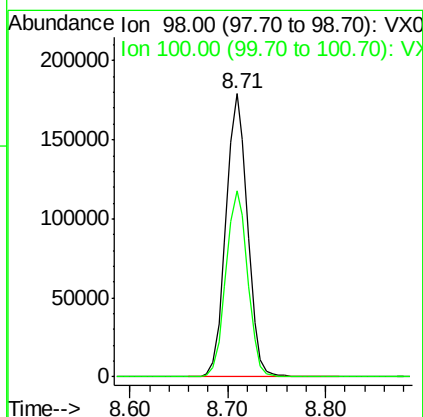
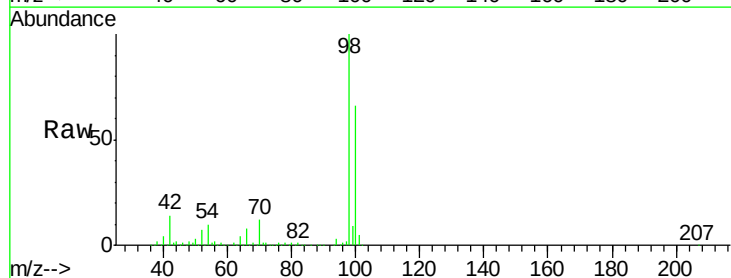
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-2-(2.5)

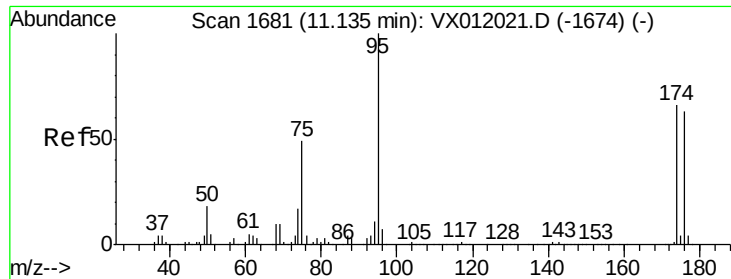
Tot Ion:113 Resp: 73011
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.7 122.5
 192 17.5 22.5 33.7#



#50
 Toluene-d8
 Concen: 49.735 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012084.D
 Acq: 05 Sep 2019 07:05

Tgt Ion: 98 Resp: 274478
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.3 79.9

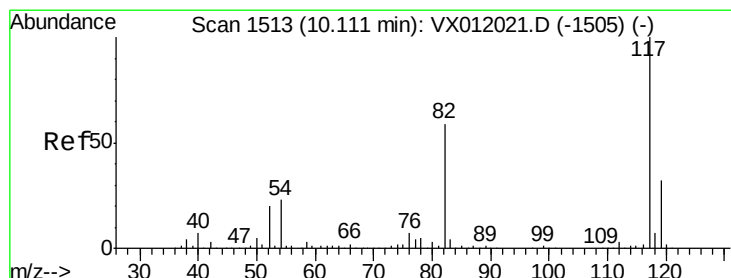
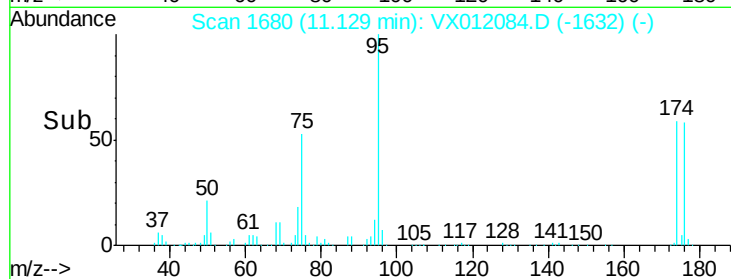
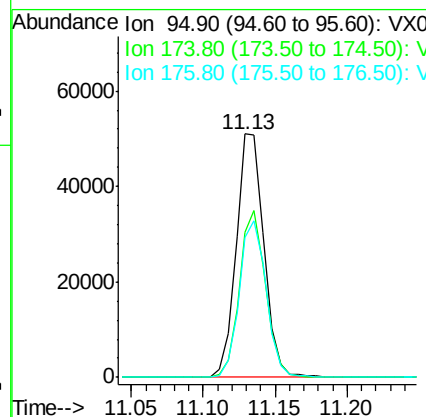
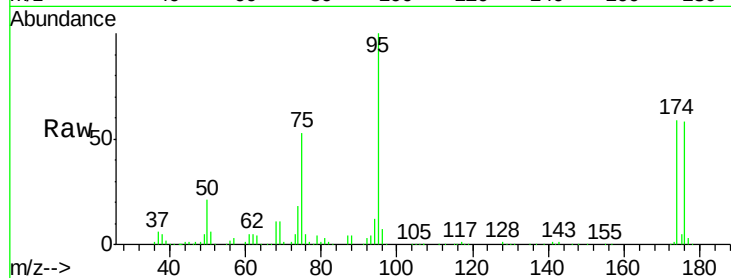




#62
4-Bromofluorobenzene
Concen: 26.833 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012084.D
Acq: 05 Sep 2019 07:05

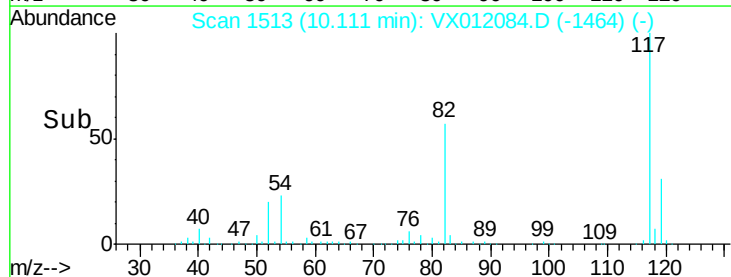
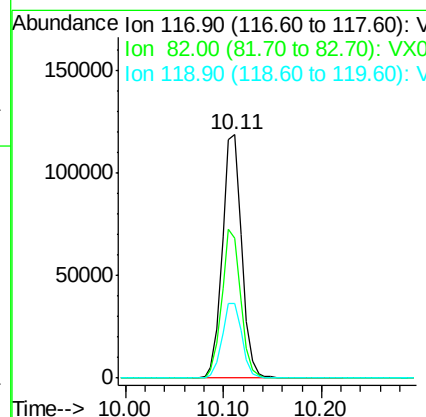
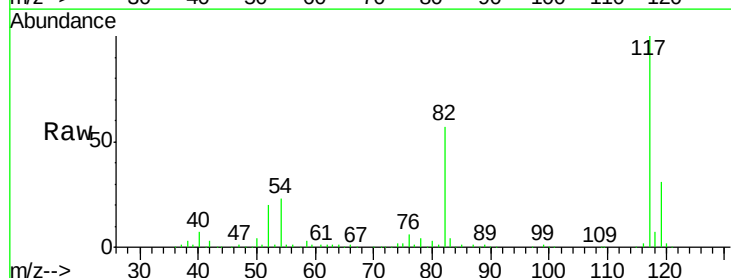
Instrument :
MSVOA_X
ClientSampleId :
T11-2-(2.5)

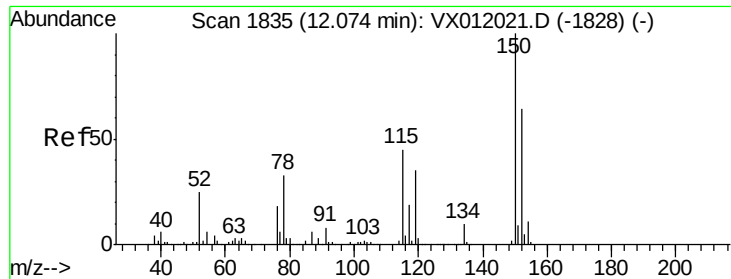
Tot Ion: 95 Resp: 68868
Ion Ratio Lower Upper
95 100
174 64.5 0.0 205.4
176 62.4 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012084.D
Acq: 05 Sep 2019 07:05

Tgt Ion: 117 Resp: 163520
Ion Ratio Lower Upper
117 100
82 57.4 39.4 59.0
119 30.9 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: VX012084.D

Acq: 05 Sep 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

T11-2-(2.5)

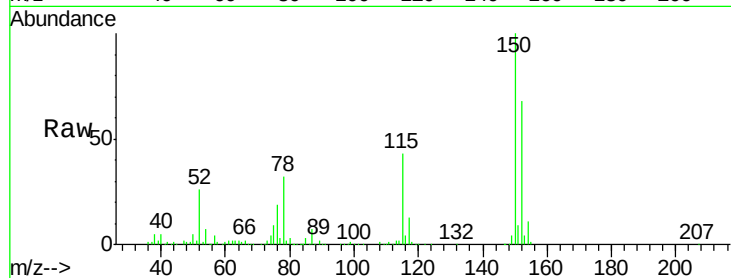
Tot Ion:152 Resp: 41524

Ion Ratio Lower Upper

152 100

115 65.8 36.4 109.3

150 155.3 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

