

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090619\
 Data File : VX012146.D
 Acq On : 06 Sep 2019 14:18
 Operator : SY/SP
 Sample : K4601-03
 Misc : 2.30g/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E2-(0)

Quant Time: Sep 07 01:28:48 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

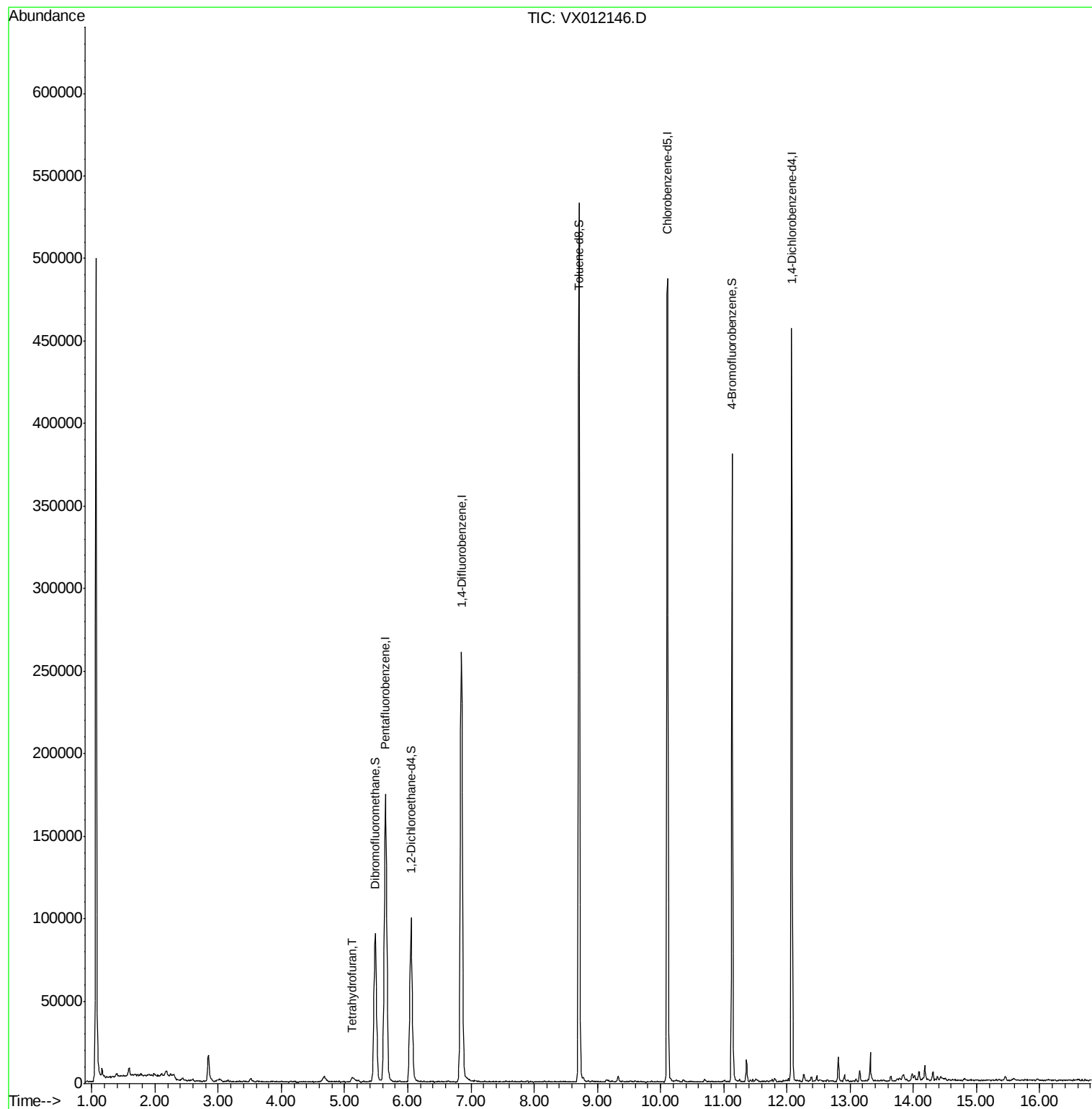
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	145552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	249850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	207862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	81395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	99483	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	5.48	113	75459	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.71	98	291533	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.13	95	109603	41.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.60%	
Target Compounds						
29) Tetrahydrofuran	5.13	42	2762	7.502	ug/l	Qvalue 97

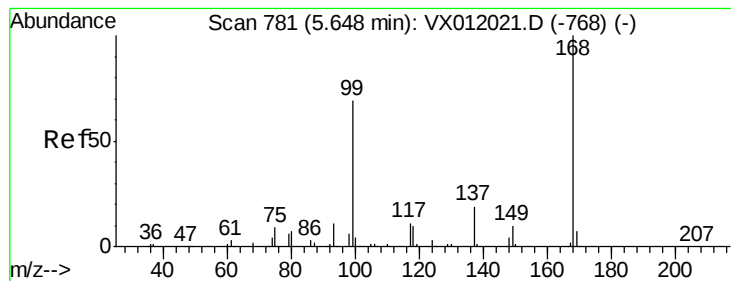
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

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Acq: 06 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

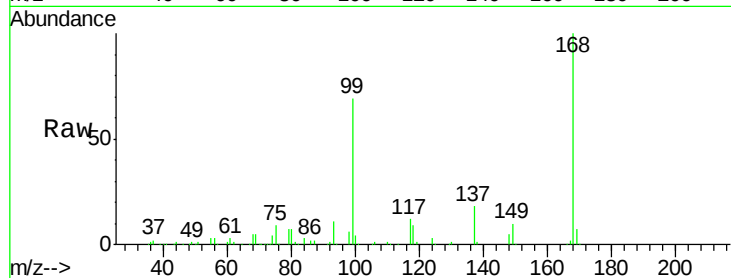
T12-E2-(0)

Tot Ion:168 Resp: 145552

Ion Ratio Lower Upper

168 100

99 69.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

50000

40000

30000

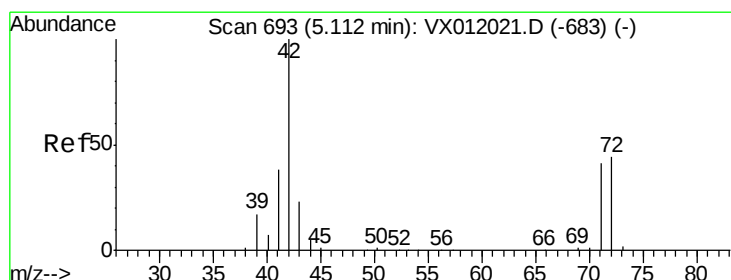
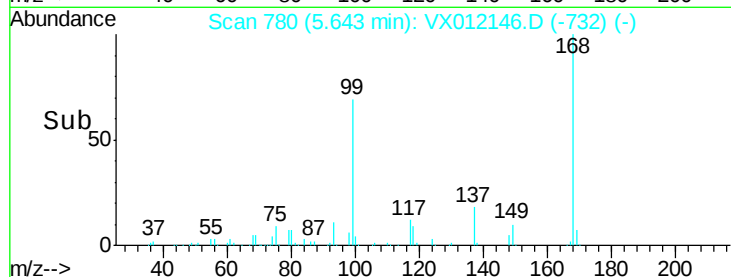
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 7.502 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012146.D

Acq: 06 Sep 2019 14:18

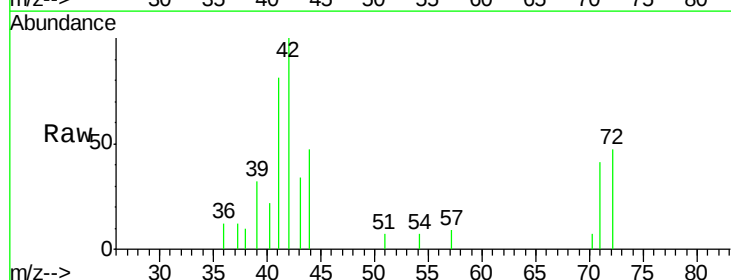
Tgt Ion: 42 Resp: 2762

Ion Ratio Lower Upper

42 100

72 43.6 37.0 55.4

71 43.8 33.8 50.8



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

1000

800

600

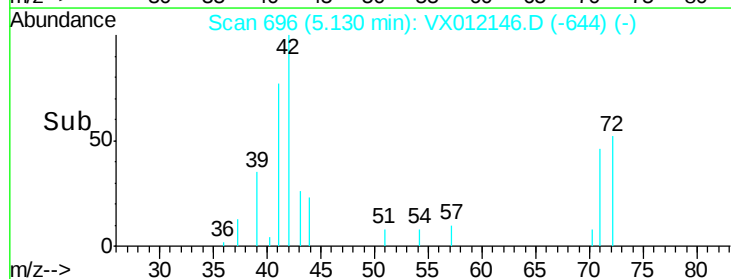
400

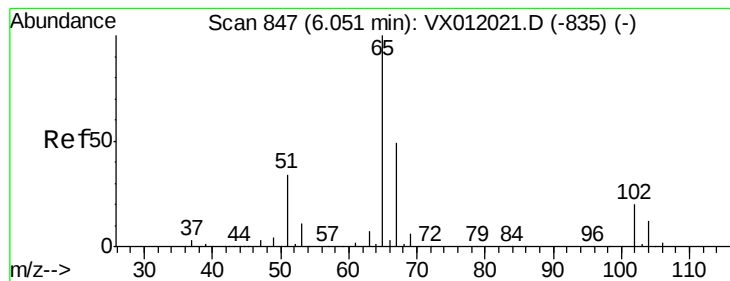
200

0

Time-->

5.00 5.05 5.10 5.15 5.20





#33

1,2-Dichloroethane-d4

Concen: 49.535 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012146.D

Acq: 06 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

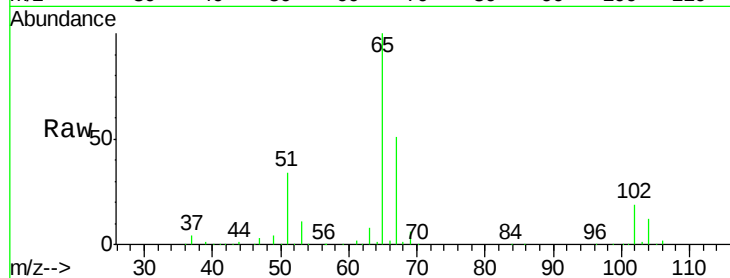
T12-E2-(0)

Tot Ion: 65 Resp: 99483

Ion Ratio Lower Upper

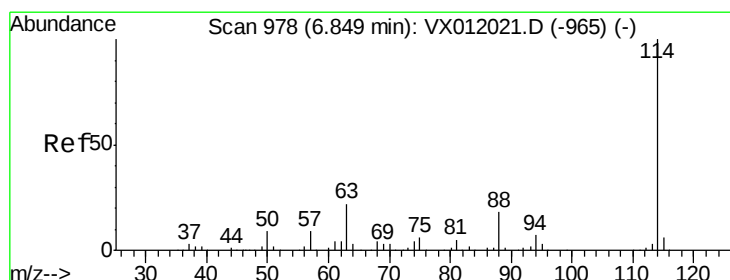
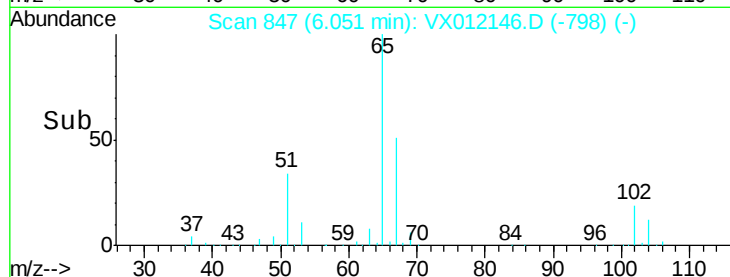
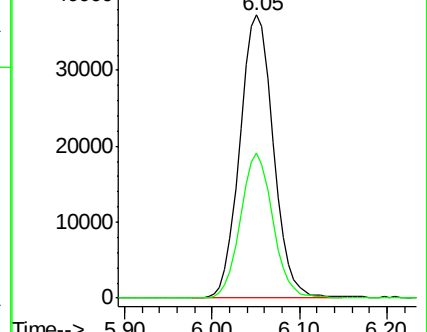
65 100

67 49.7 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012146.D

Acq: 06 Sep 2019 14:18

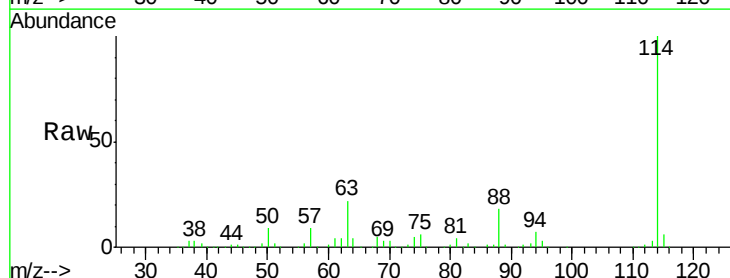
Tgt Ion: 114 Resp: 249850

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

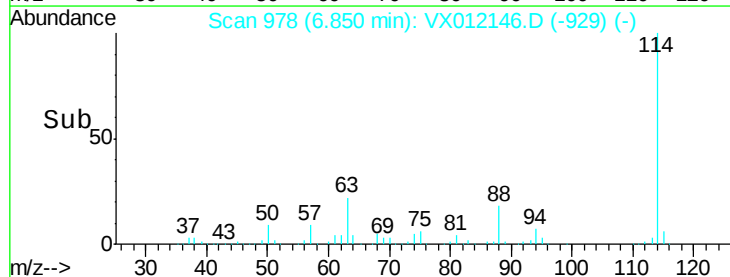
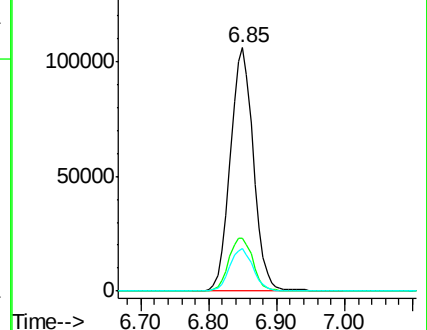
88 17.5 0.0 29.6

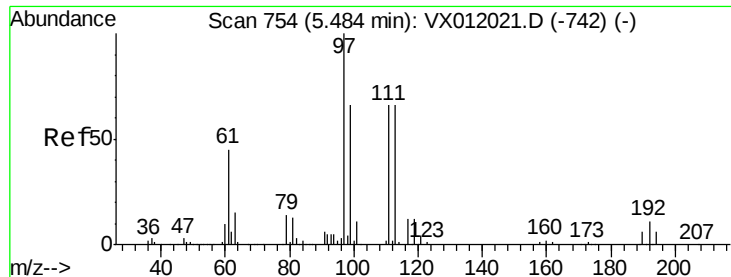


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

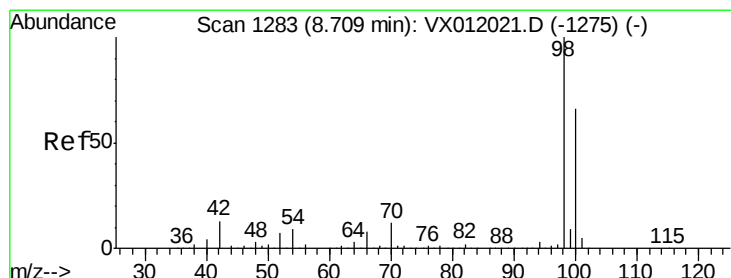
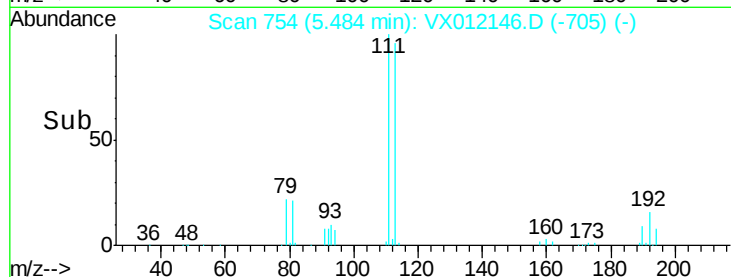
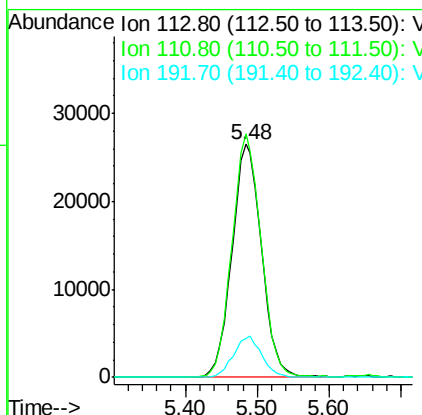
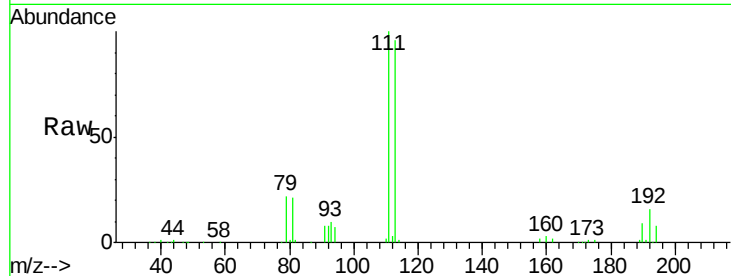




#35
 Dibromofluoromethane
 Concen: 49.111 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012146.D
 Acq: 06 Sep 2019 14:18

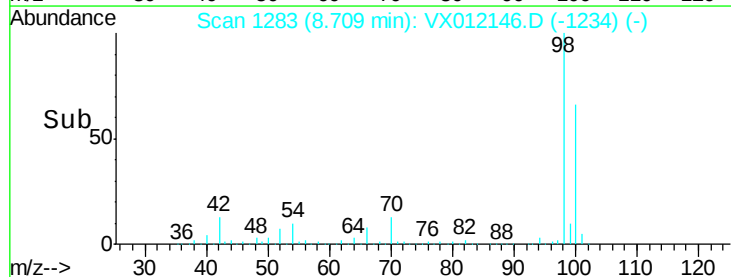
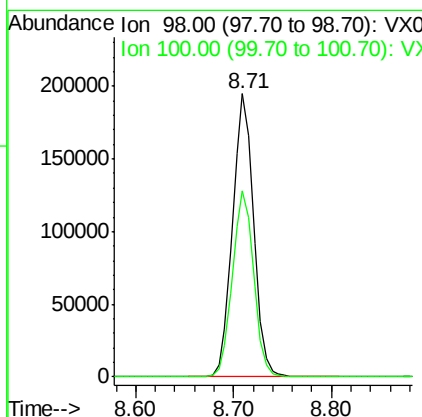
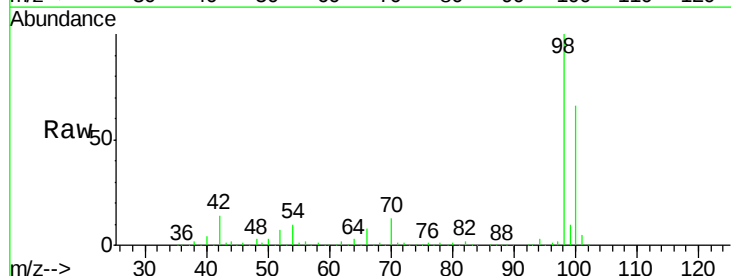
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E2-(0)

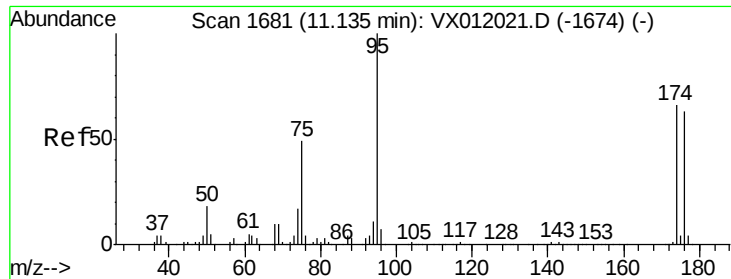
Tot Ion:113 Resp: 75459
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.7 122.5
 192 16.9 22.5 33.7#



#50
 Toluene-d8
 Concen: 51.706 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012146.D
 Acq: 06 Sep 2019 14:18

Tgt Ion: 98 Resp: 291533
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.3 79.9

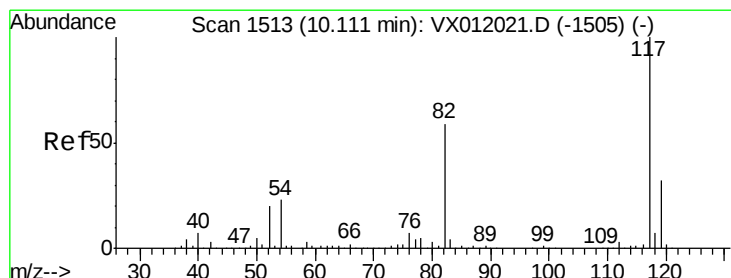
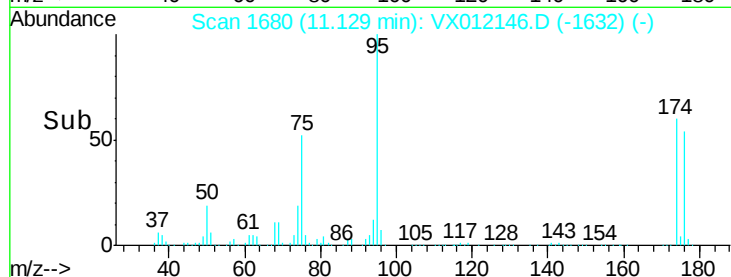
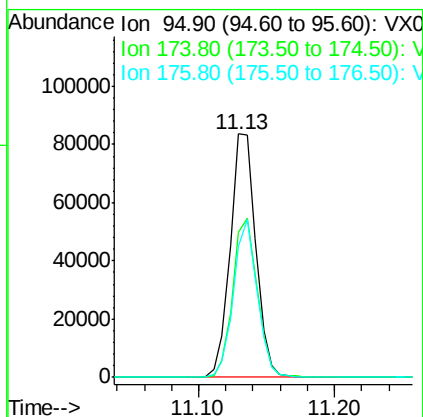
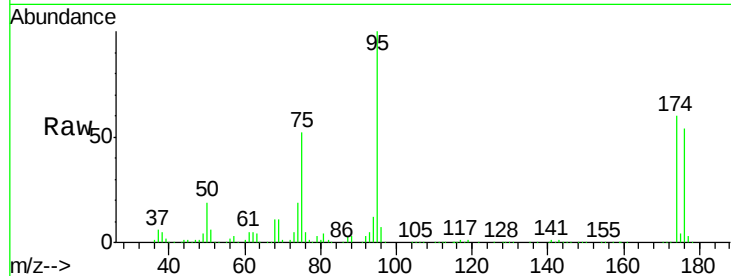




#62
 4-Bromofluorobenzene
 Concen: 41.799 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX012146.D
 Acq: 06 Sep 2019 14:18

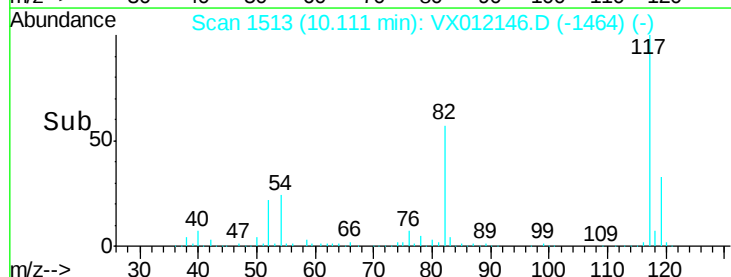
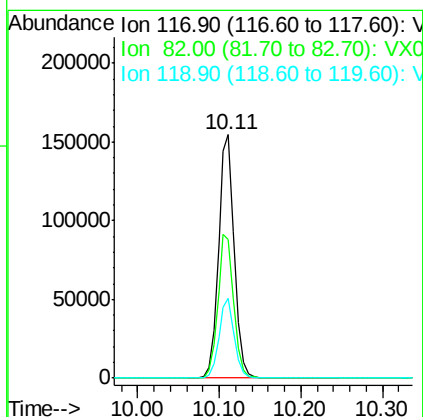
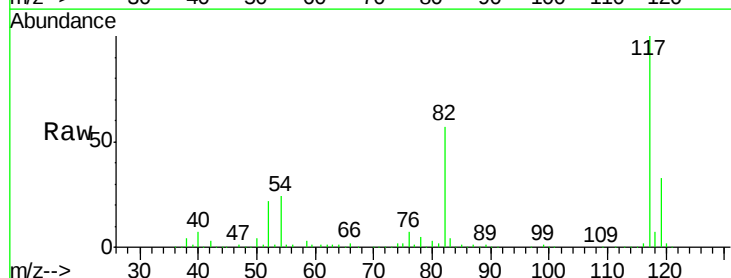
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E2-(0)

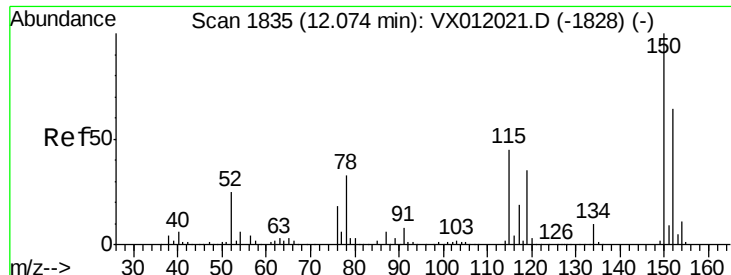
Tot Ion: 95 Resp: 109603
 Ion Ratio Lower Upper
 95 100
 174 63.3 0.0 205.4
 176 60.2 0.0 201.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VX012146.D
 Acq: 06 Sep 2019 14:18

Tgt Ion: 117 Resp: 207862
 Ion Ratio Lower Upper
 117 100
 82 57.0 39.4 59.0
 119 32.9 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: VX012146.D

Acq: 06 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

T12-E2-(0)

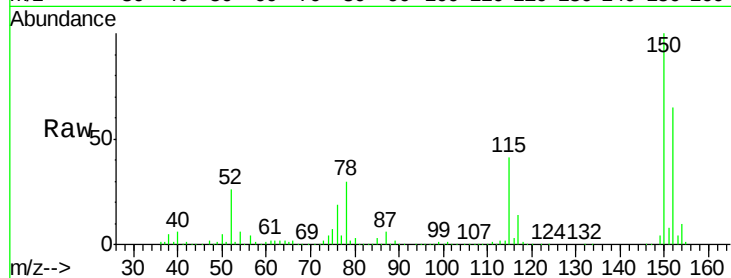
Tot Ion:152 Resp: 81395

Ion Ratio Lower Upper

152 100

115 64.9 36.4 109.3

150 157.9 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

