

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090619\
 Data File : VX012147.D
 Acq On : 06 Sep 2019 14:46
 Operator : SY/SP
 Sample : K4601-04
 Misc : 3.67g/5.0mL/MSVOA X/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E3-(0)

Quant Time: Sep 07 01:30:23 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

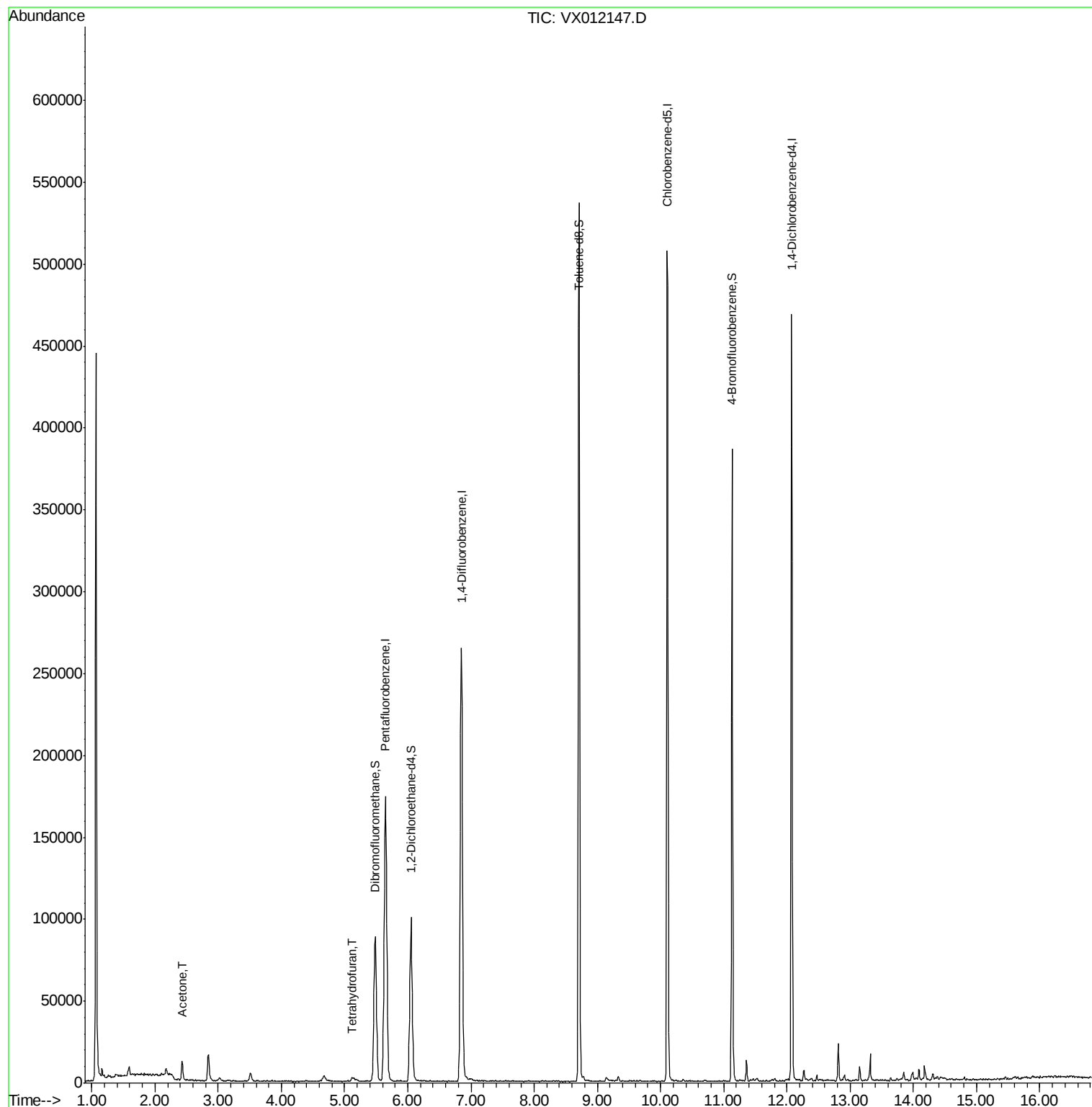
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	146435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	253209	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	214362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	100614	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
35) Dibromofluoromethane	5.48	113	74413	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
50) Toluene-d8	8.71	98	300592	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
62) 4-Bromofluorobenzene	11.13	95	111512	41.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.92%	
Target Compounds						
16) Acetone	2.43	43	11988	24.823	ug/l	95
29) Tetrahydrofuran	5.13	42	2360	6.372	ug/l	97

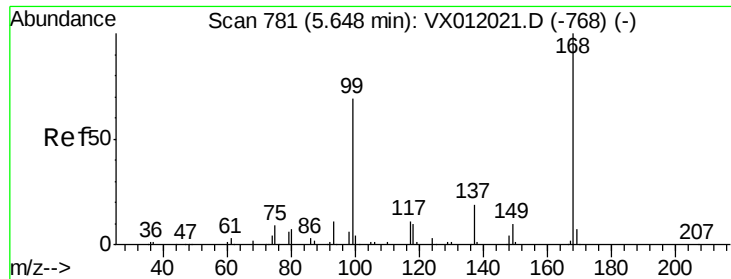
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 03 15:26:48 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012147.D

Acq: 06 Sep 2019 14:46

Instrument :

MSVOA_X

ClientSampleId :

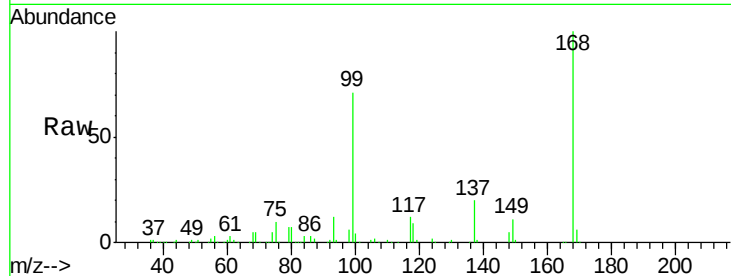
T12-E3-(0)

Tot Ion:168 Resp: 146435

Ion Ratio Lower Upper

168 100

99 70.9 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

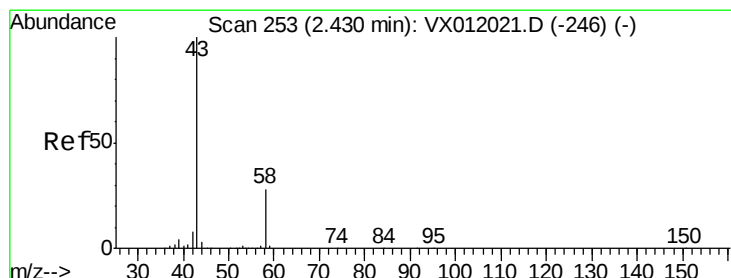
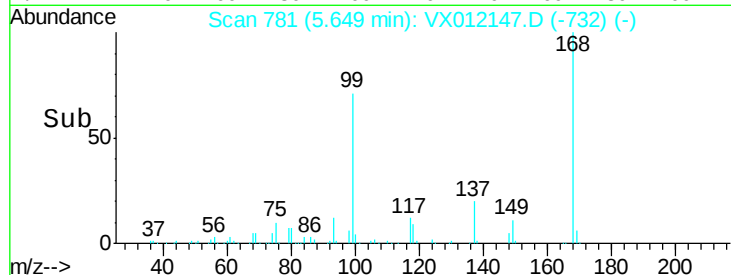
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 24.823 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX012147.D

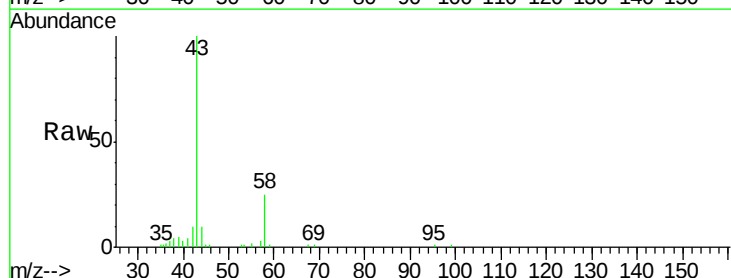
Acq: 06 Sep 2019 14:46

Tgt Ion: 43 Resp: 11988

Ion Ratio Lower Upper

43 100

58 25.7 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

8000

6000

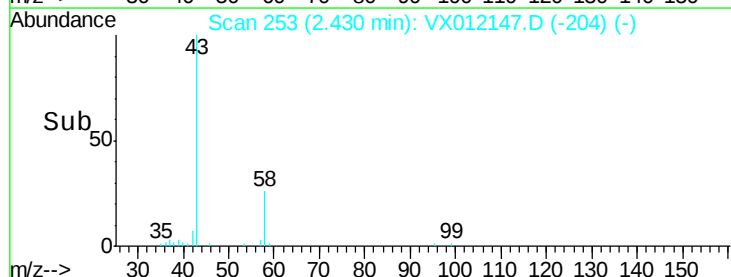
4000

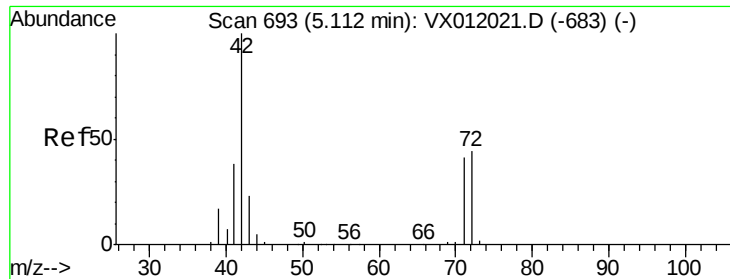
2000

0

Time-->

2.35 2.40 2.45 2.50

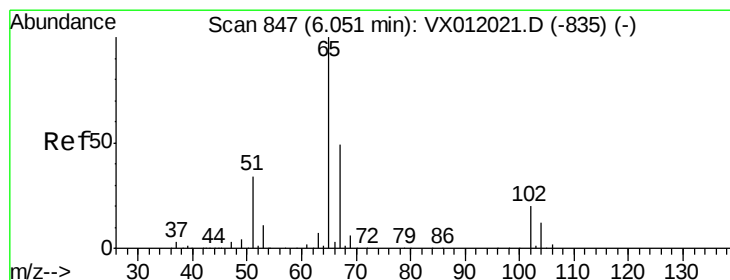
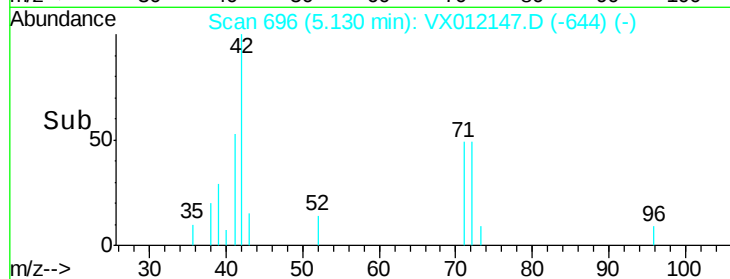
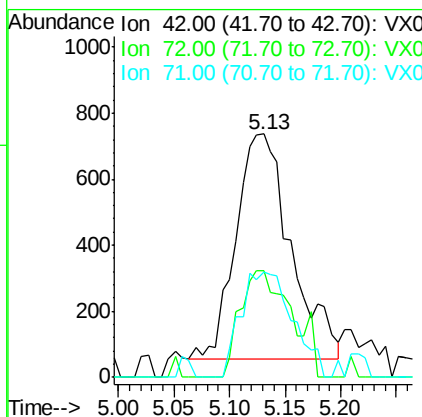
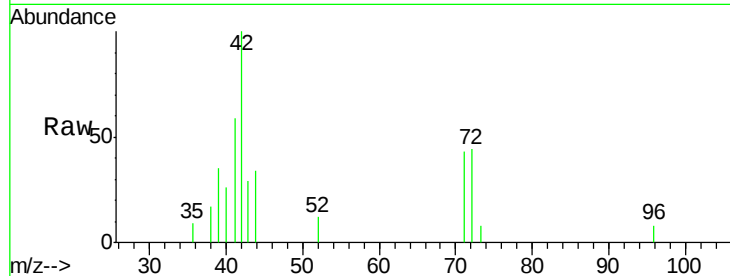




#29
Tetrahydrofuran
Concen: 6.372 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012147.D
Acq: 06 Sep 2019 14:46

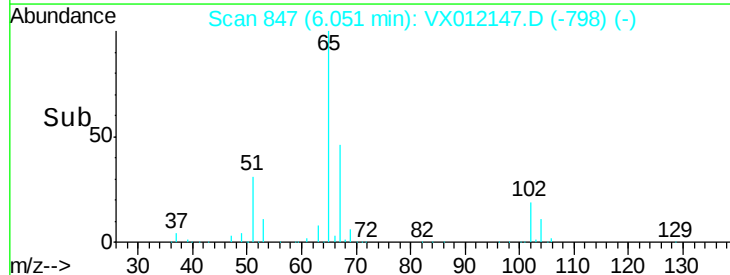
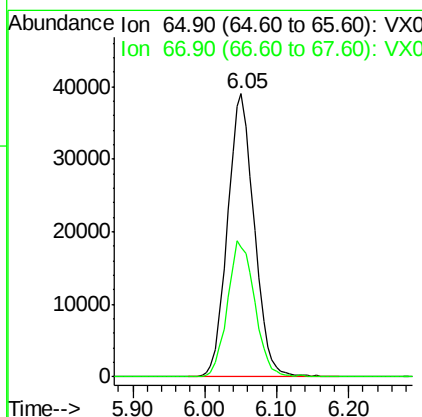
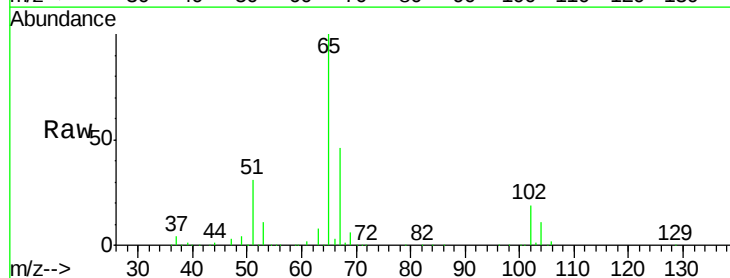
Instrument :
MSVOA_X
ClientSampleId :
T12-E3-(0)

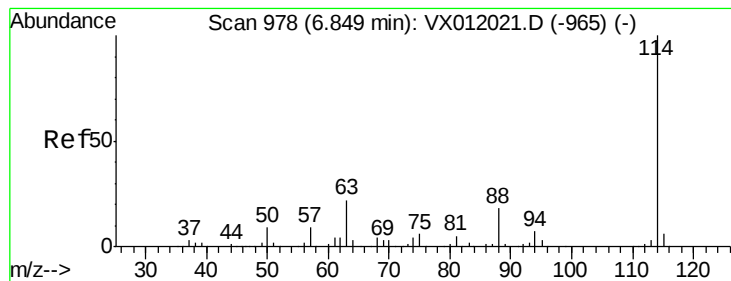
Tot Ion: 42 Resp: 2360
Ion Ratio Lower Upper
42 100
72 43.8 37.0 55.4
71 44.1 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 49.796 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012147.D
Acq: 06 Sep 2019 14:46

Tgt Ion: 65 Resp: 100614
Ion Ratio Lower Upper
65 100
67 49.1 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: VX012147.D

Acq: 06 Sep 2019 14:46

Instrument :

MSVOA_X

ClientSampled :

T12-E3-(0)

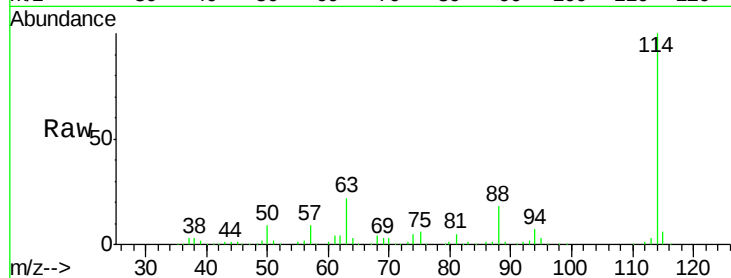
Tot Ion:114 Resp: 253209

Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

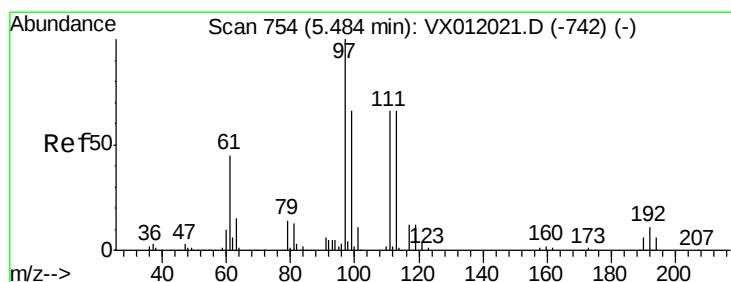
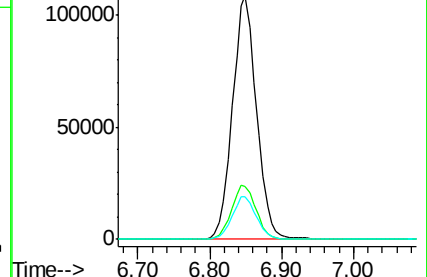
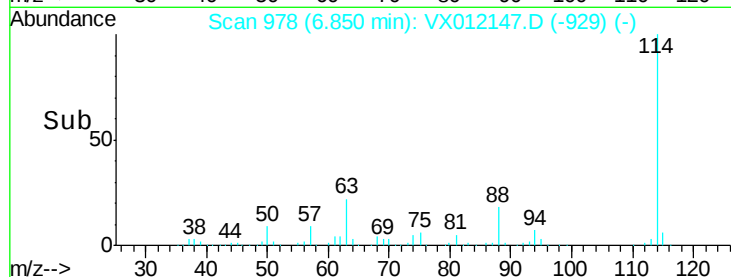
88 17.6 0.0 29.6



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: 47.788 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012147.D

Acq: 06 Sep 2019 14:46

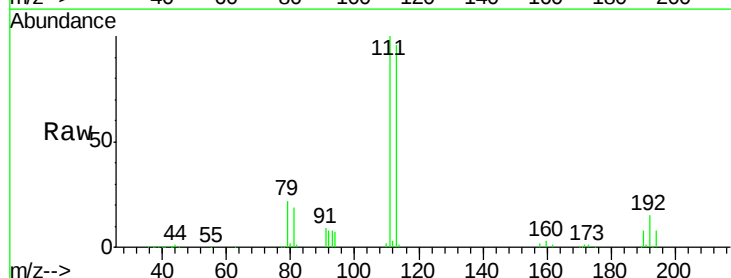
Tgt Ion:113 Resp: 74413

Ion Ratio Lower Upper

113 100

111 103.4 81.7 122.5

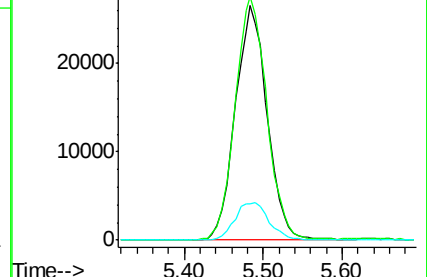
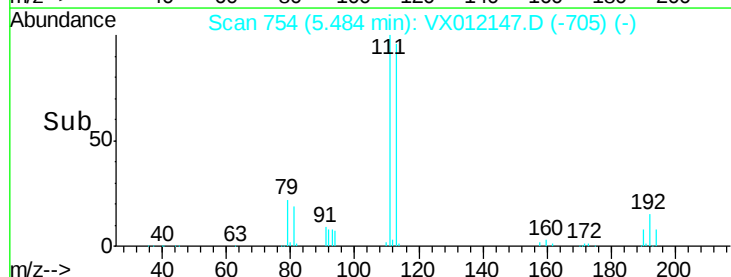
192 17.2 22.5 33.7#

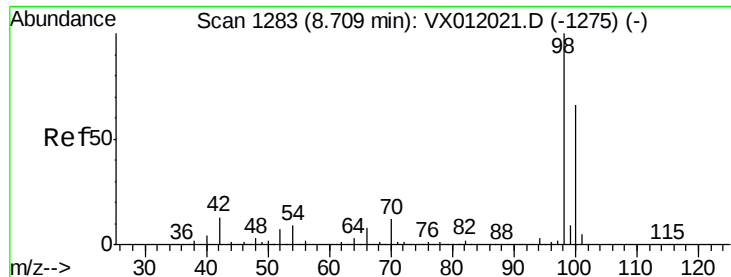


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

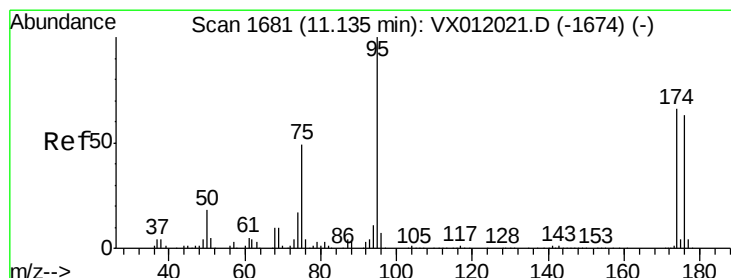
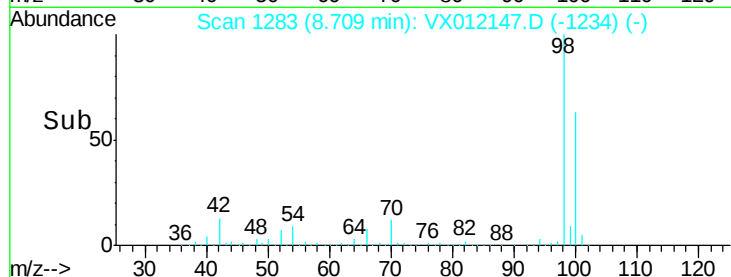
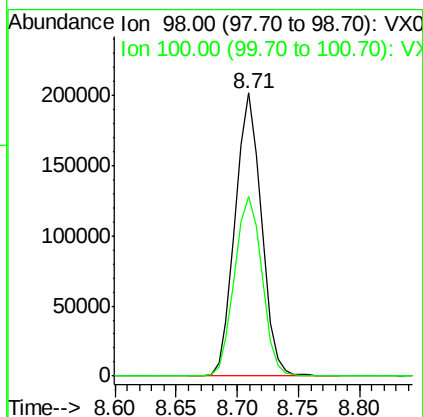
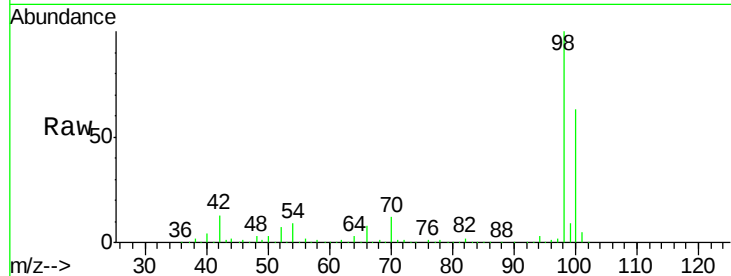




#50
Toluene-d8
Concen: 52.606 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012147.D
Acq: 06 Sep 2019 14:46

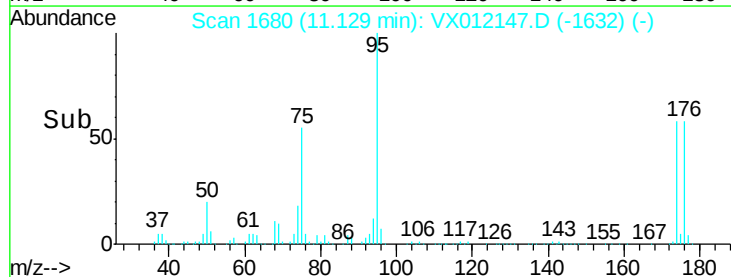
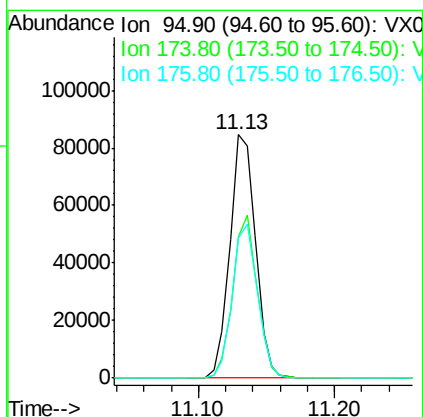
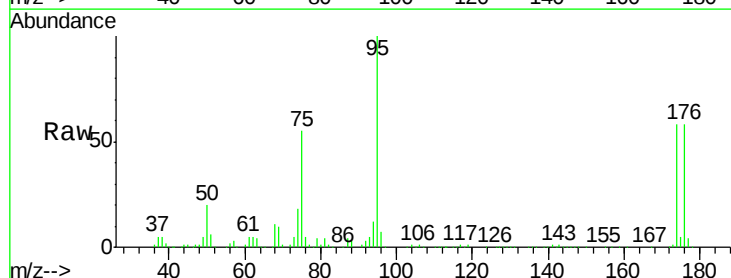
Instrument :
MSVOA_X
ClientSampleId :
T12-E3-(0)

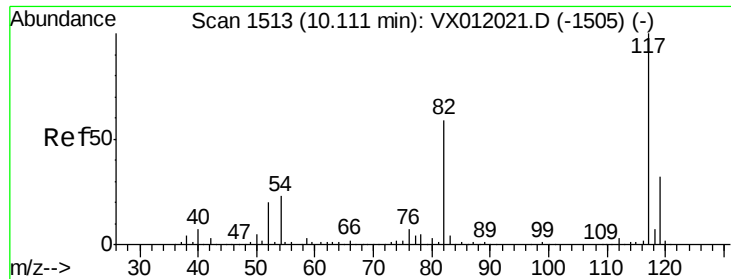
Tot Ion: 98 Resp: 300592
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 41.963 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012147.D
Acq: 06 Sep 2019 14:46

Tgt Ion: 95 Resp: 111512
Ion Ratio Lower Upper
95 100
174 63.8 0.0 205.4
176 62.1 0.0 201.8

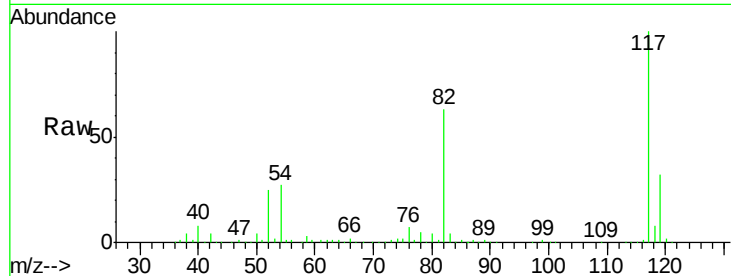




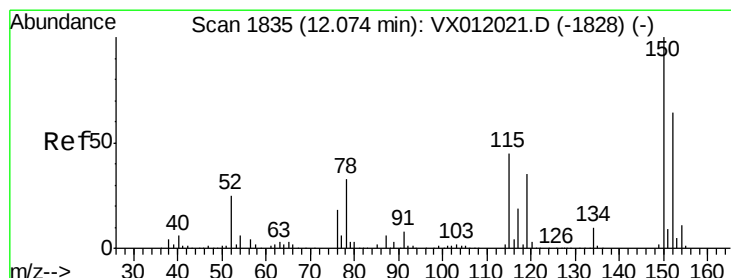
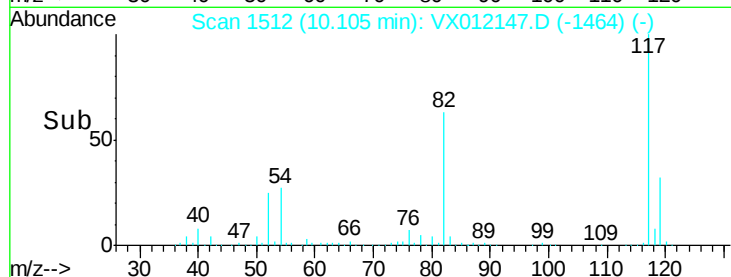
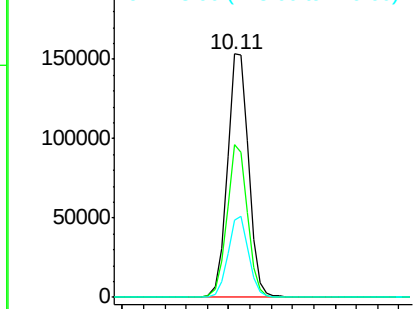
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012147.D
Acq: 06 Sep 2019 14:46

Instrument :
MSVOA_X
ClientSampleId :
T12-E3-(0)

Tot Ion:117 Resp: 214362
Ion Ratio Lower Upper
117 100
82 62.8 39.4 59.0#
119 31.5 26.1 39.1

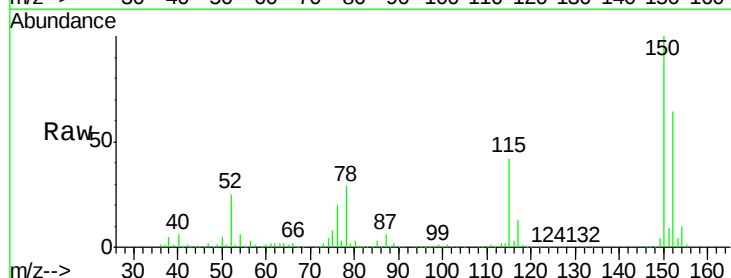


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012147.D
Acq: 06 Sep 2019 14:46

Tgt Ion:152 Resp: 86104
Ion Ratio Lower Upper
152 100
115 66.7 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

