

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012279.D
 Acq On : 11 Sep 2019 03:07
 Operator : SY/SP
 Sample : K4643-05
 Misc : 4.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-B4-(0)

Quant Time: Sep 11 03:34:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

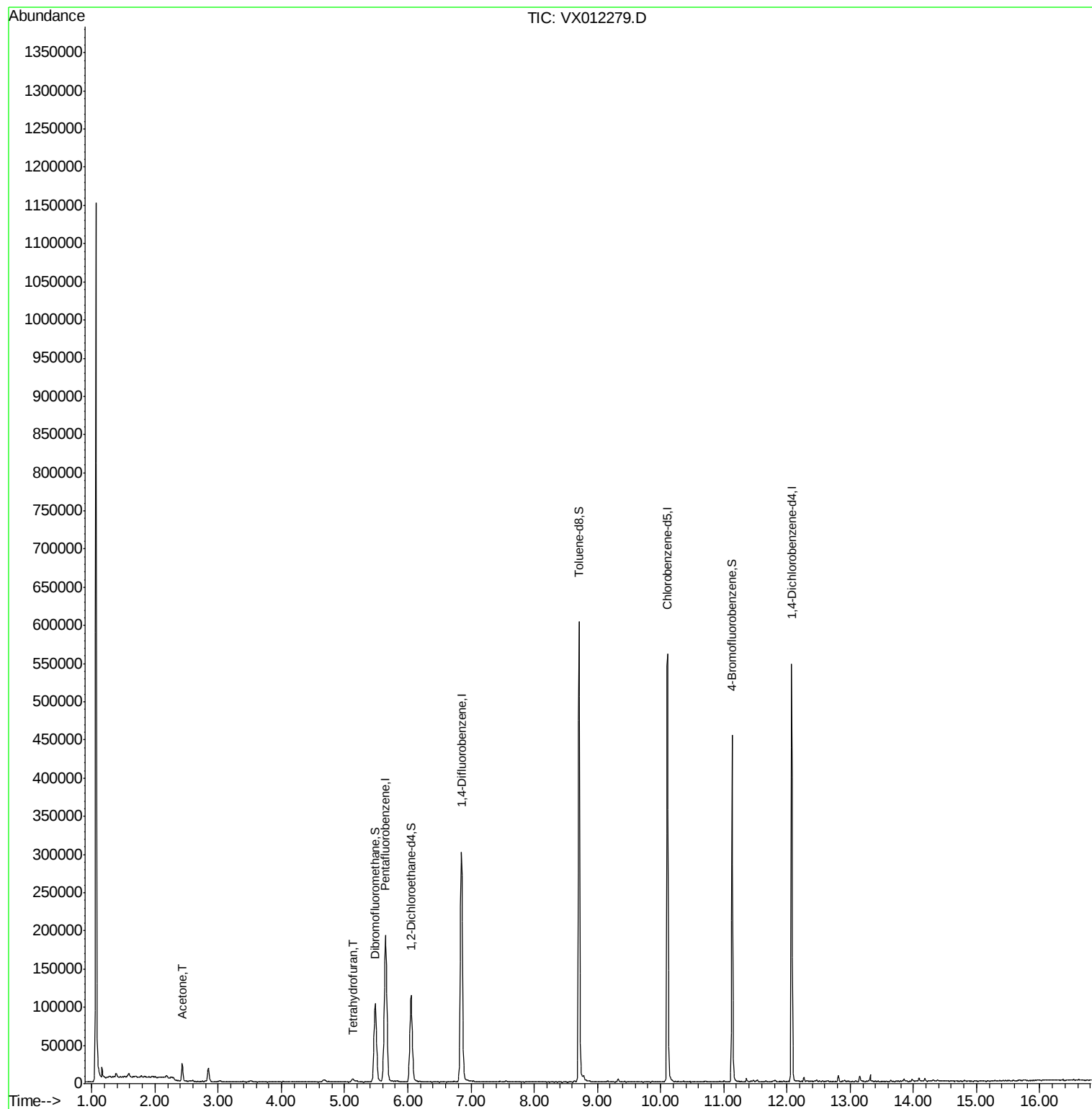
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	114220	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	5.48	113	85450	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
50) Toluene-d8	8.71	98	339425	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.14	95	126057	42.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.16%	
Target Compounds						
16) Acetone	2.43	43	24271	44.691	ug/l	97
29) Tetrahydrofuran	5.14	42	4253	11.354	ug/l	96

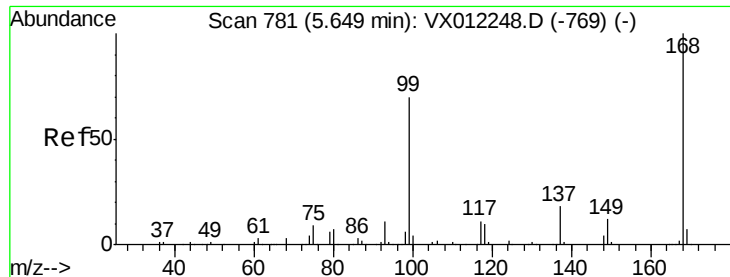
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 10 12:55:26 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: VX012279.D

Acq: 11 Sep 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

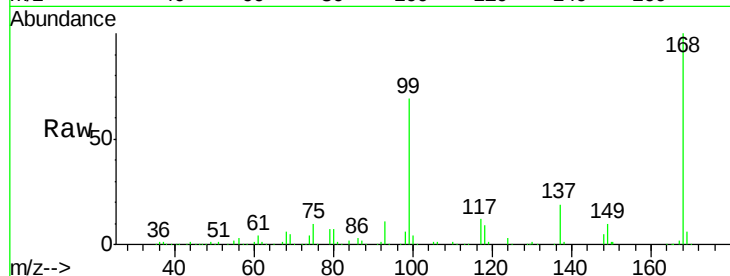
T11-B4-(0)

Tot Ion:168 Resp: 162267

Ion Ratio Lower Upper

168 100

99 68.8 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

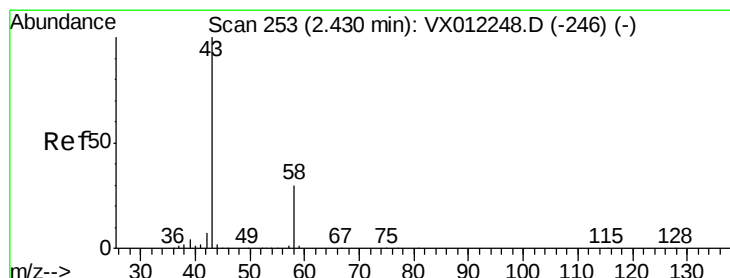
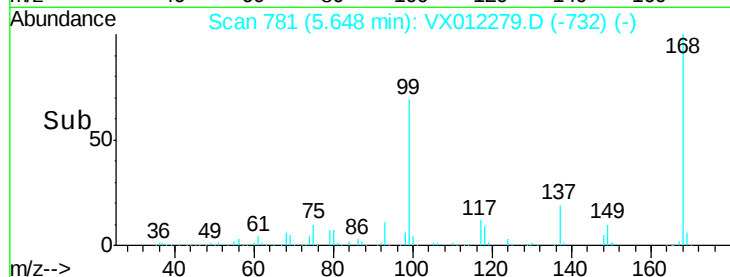
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#16

Acetone

Concen: 44.691 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012279.D

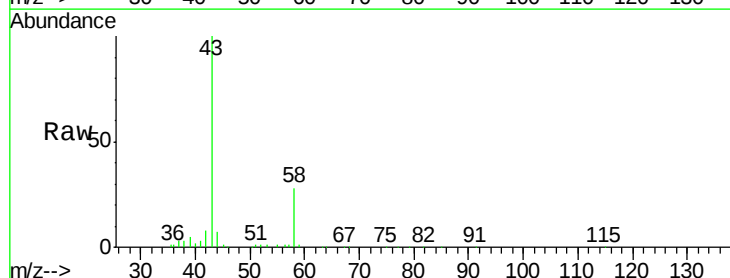
Acq: 11 Sep 2019 03:07

Tgt Ion: 43 Resp: 24271

Ion Ratio Lower Upper

43 100

58 28.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

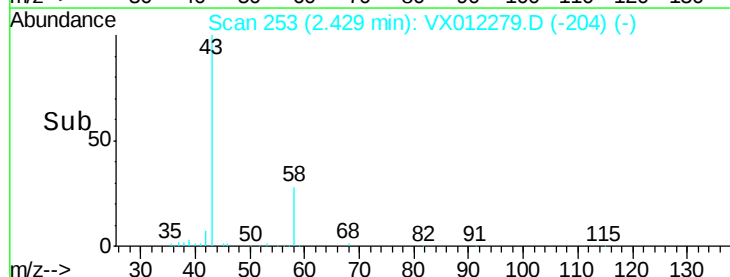
15000

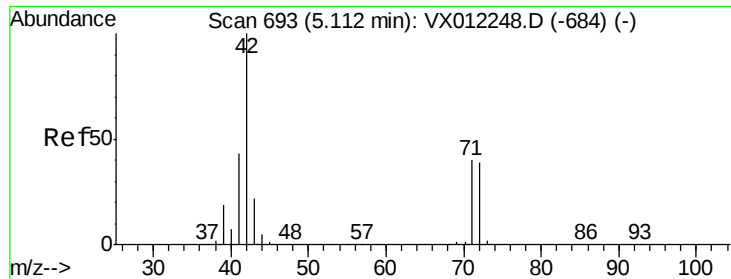
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

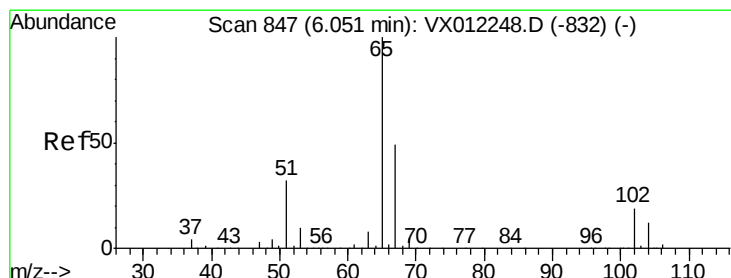
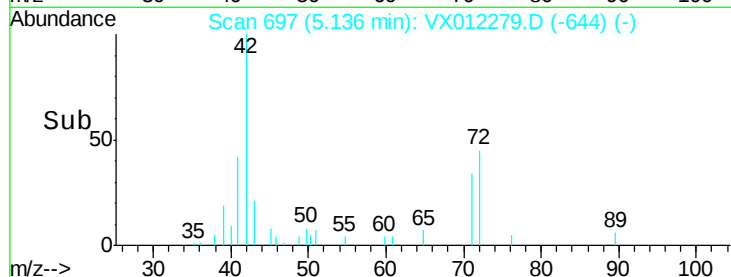
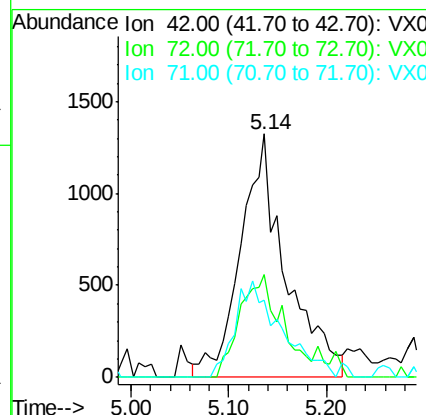
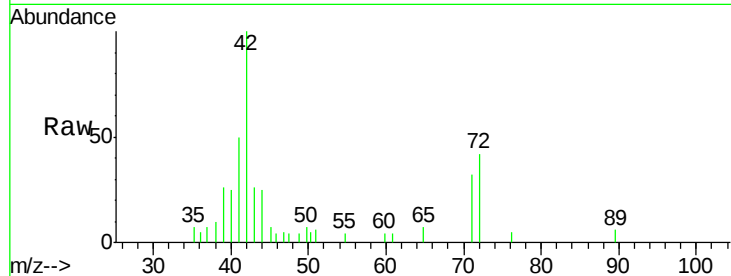




#29
Tetrahydrofuran
Concen: 11.354 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX012279.D
Acq: 11 Sep 2019 03:07

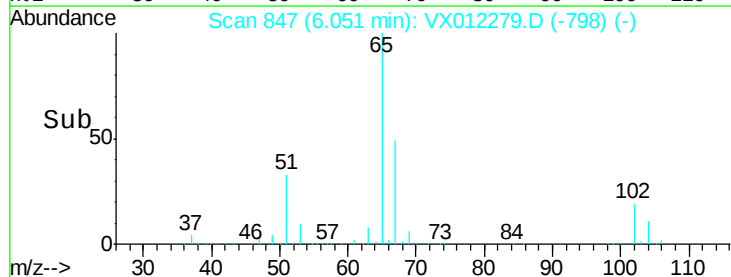
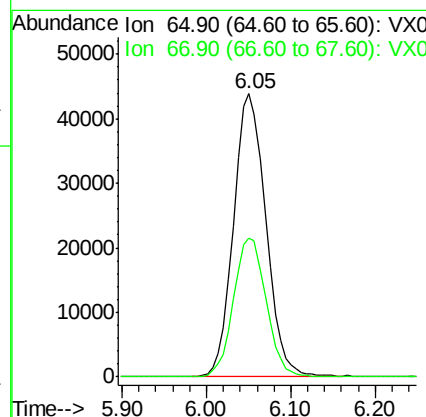
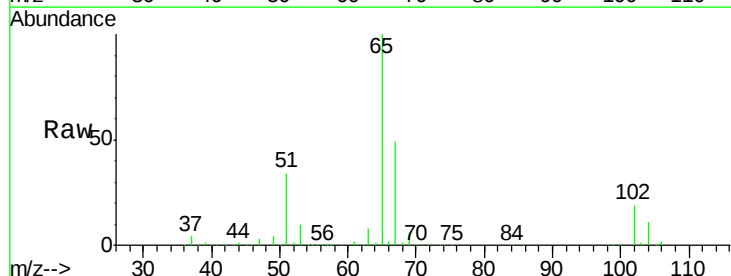
Instrument :
MSVOA_X
ClientSampleId :
T11-B4-(0)

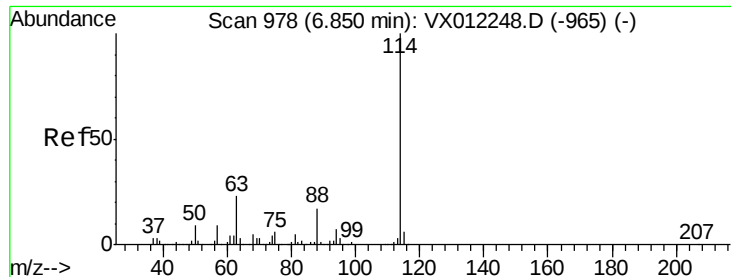
Tot Ion: 42 Resp: 4253
Ion Ratio Lower Upper
42 100
72 39.3 35.2 52.8
71 40.4 32.5 48.7



#33
1,2-Dichloroethane-d4
Concen: 49.788 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012279.D
Acq: 11 Sep 2019 03:07

Tgt Ion: 65 Resp: 114220
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012279.D

Acq: 11 Sep 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

T11-B4-(0)

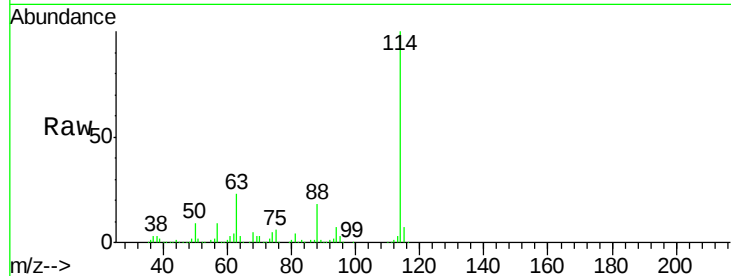
Tot Ion:114 Resp: 287398

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.2

88 18.2 0.0 34.8



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

150000

100000

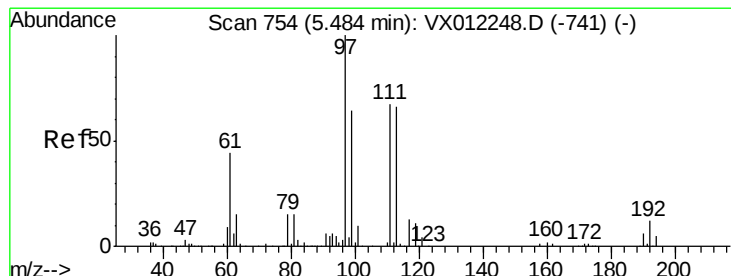
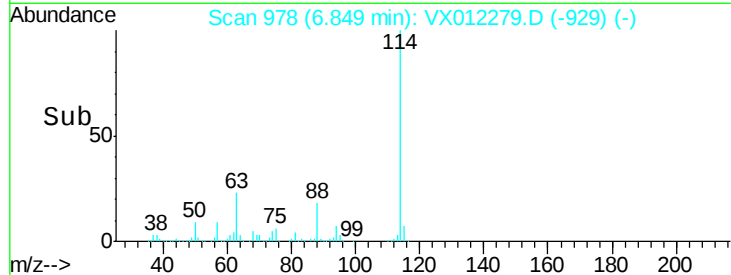
50000

0

6.85

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 46.381 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012279.D

Acq: 11 Sep 2019 03:07

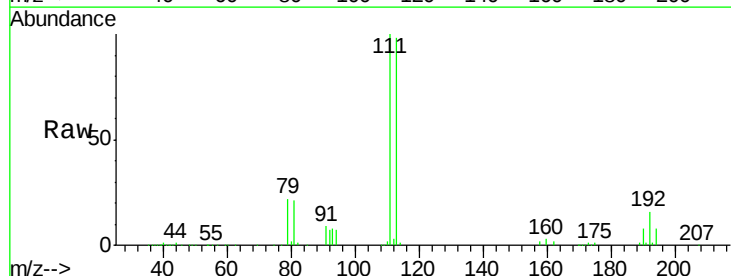
Tgt Ion:113 Resp: 85450

Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.6

192 17.2 14.3 21.5



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

40000

30000

20000

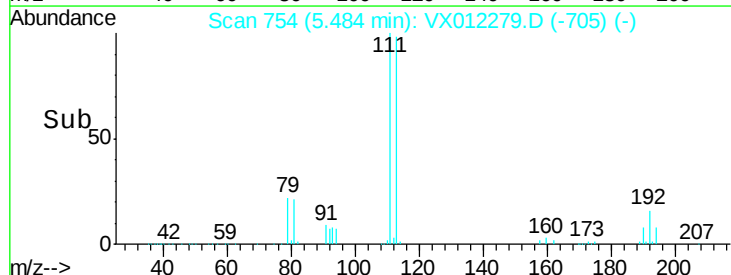
10000

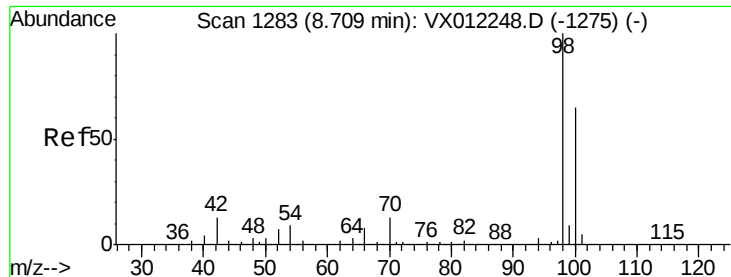
0

5.48

5.30 5.40 5.50 5.60

Time-->

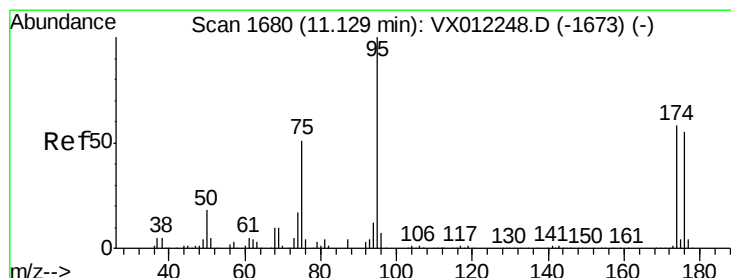
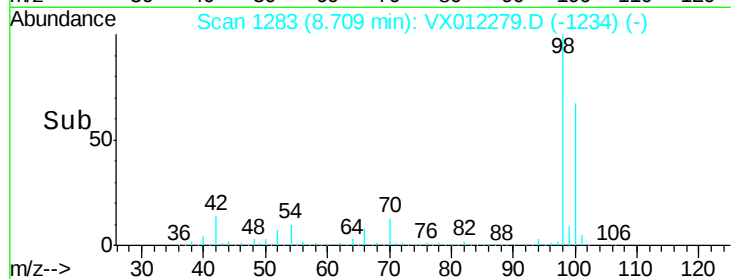
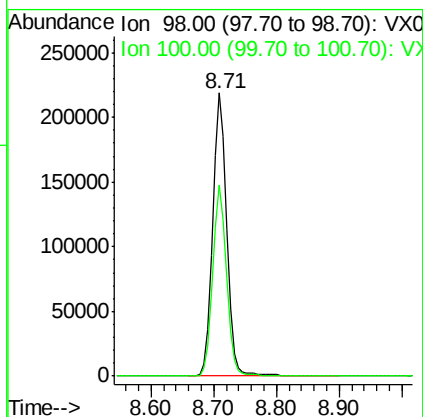
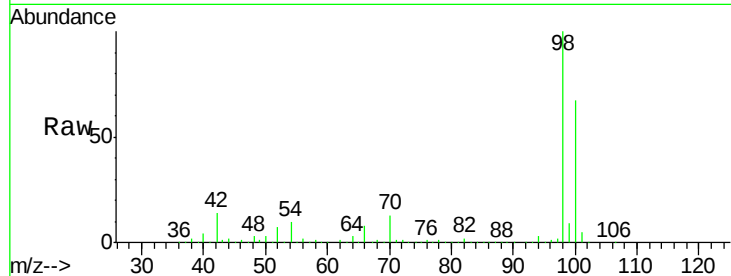




#50
Toluene-d8
Concen: 52.528 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012279.D
Acq: 11 Sep 2019 03:07

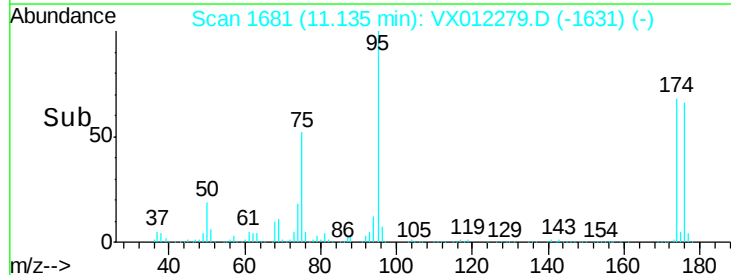
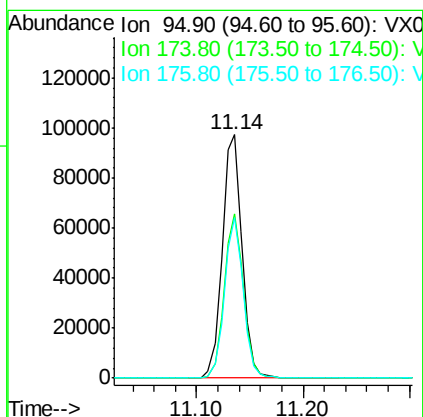
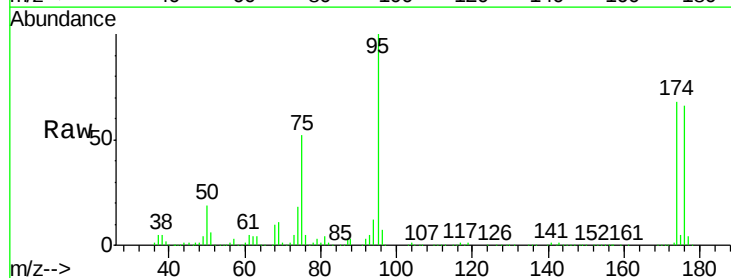
Instrument :
MSVOA_X
ClientSampleId :
T11-B4-(0)

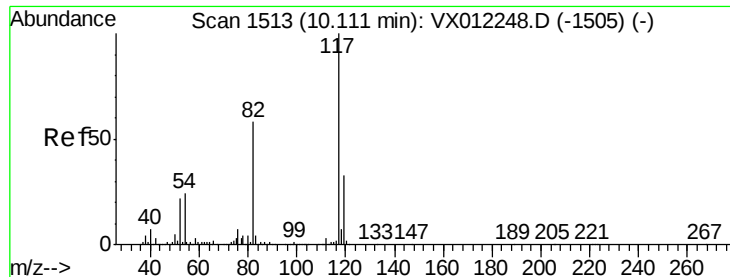
Tot Ion: 98 Resp: 339425
Ion Ratio Lower Upper
98 100
100 66.8 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 42.080 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012279.D
Acq: 11 Sep 2019 03:07

Tgt Ion: 95 Resp: 126057
Ion Ratio Lower Upper
95 100
174 65.6 0.0 127.0
176 62.8 0.0 125.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012279.D

Acq: 11 Sep 2019 03:07

Instrument :

MSVOA_X

ClientSampleId :

T11-B4-(0)

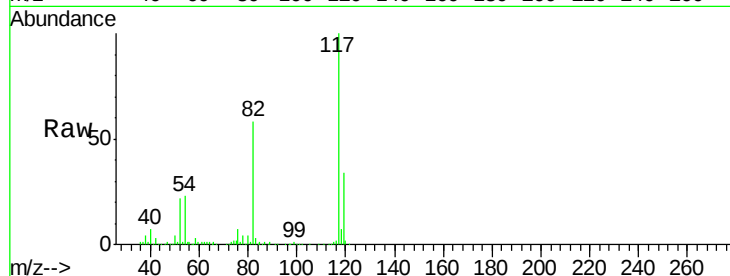
Tot Ion:117 Resp: 246877

Ion Ratio Lower Upper

117 100

82 57.8 46.4 69.6

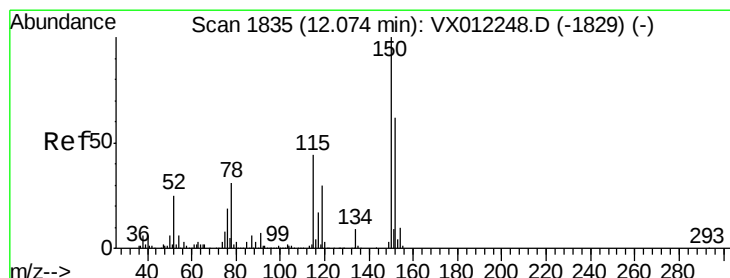
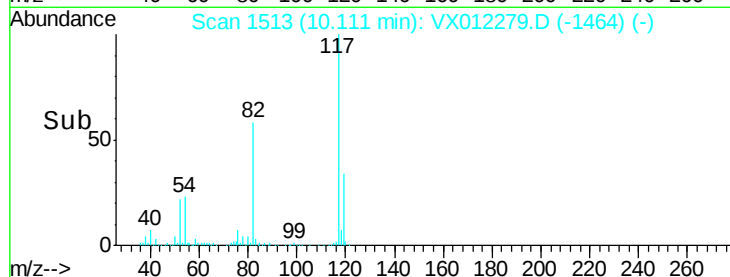
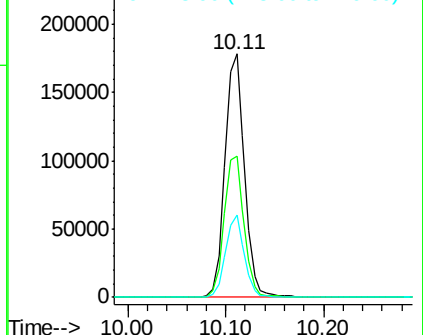
119 34.0 26.6 39.8



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: VX012279.D

Acq: 11 Sep 2019 03:07

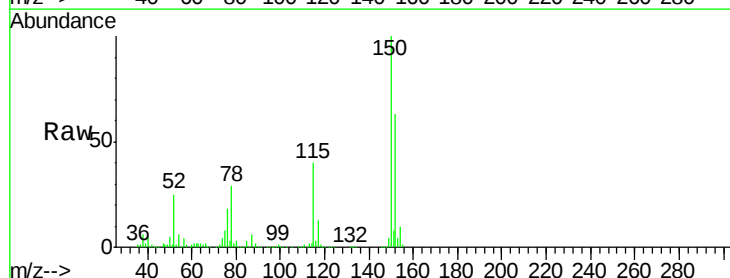
Tgt Ion:152 Resp: 101874

Ion Ratio Lower Upper

152 100

115 65.1 45.5 136.4

150 157.3 0.0 346.4



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

