

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012302.D
 Acq On : 11 Sep 2019 15:09
 Operator : SY/SP
 Sample : K4643-11
 Misc : 5.72g/5.0mL/MSVOA X/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-C1-(0)

Quant Time: Sep 12 06:32:47 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

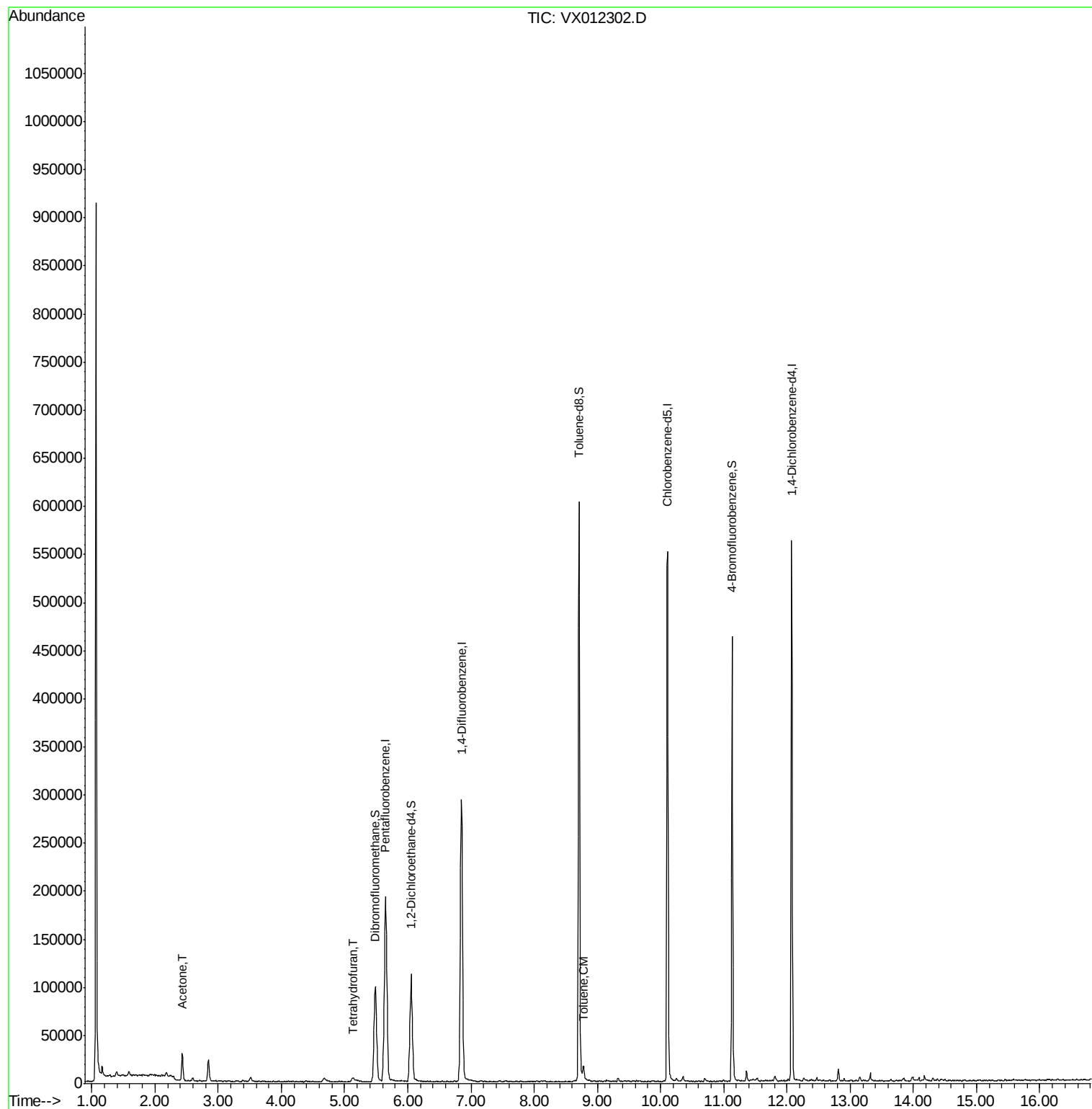
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	104358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	110611	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	5.48	113	83552	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
50) Toluene-d8	8.71	98	333908	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	11.14	95	128565	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
Target Compounds						
16) Acetone	2.43	43	28981	53.470	ug/l	94
29) Tetrahydrofuran	5.13	42	3984	10.657	ug/l	94
52) Toluene	8.78	92	4695	1.141	ug/l	98

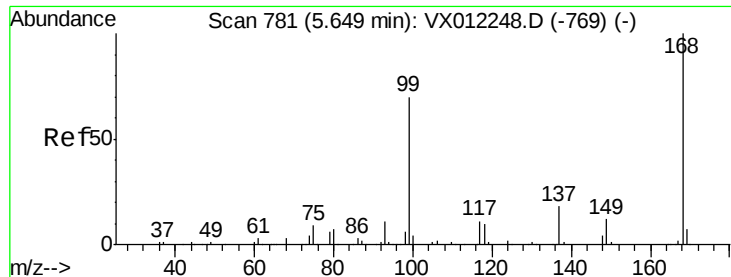
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VX012302.D

Acq: 11 Sep 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

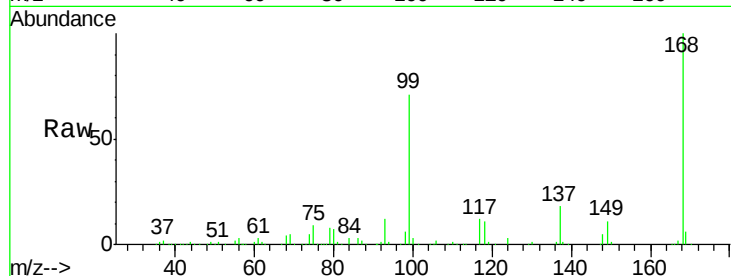
T11-C1-(0)

Tot Ion:168 Resp: 161944

Ion Ratio Lower Upper

168 100

99 70.5 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

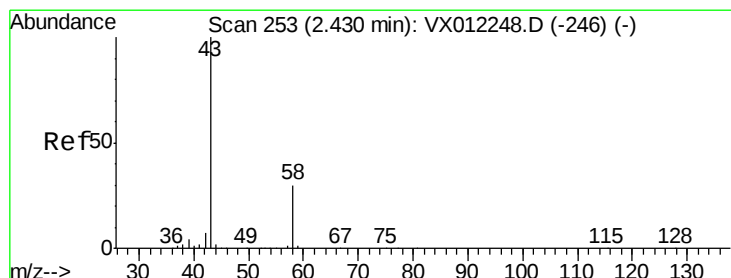
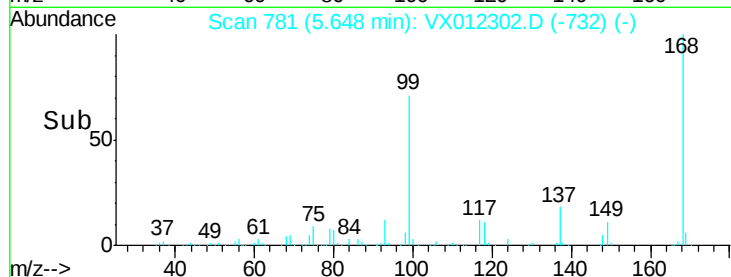
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 53.470 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012302.D

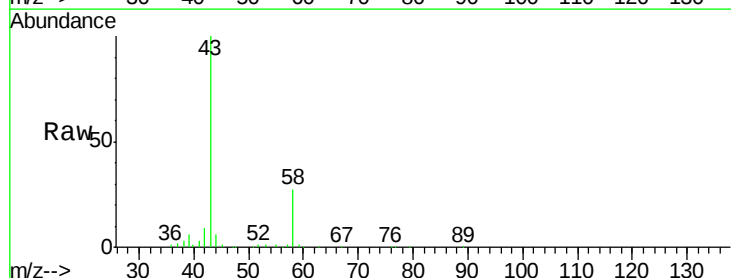
Acq: 11 Sep 2019 15:09

Tgt Ion: 43 Resp: 28981

Ion Ratio Lower Upper

43 100

58 26.4 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

20000

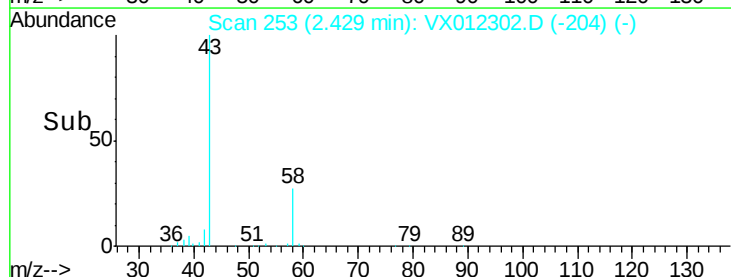
15000

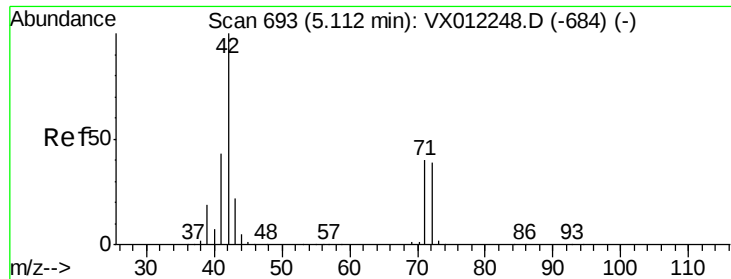
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

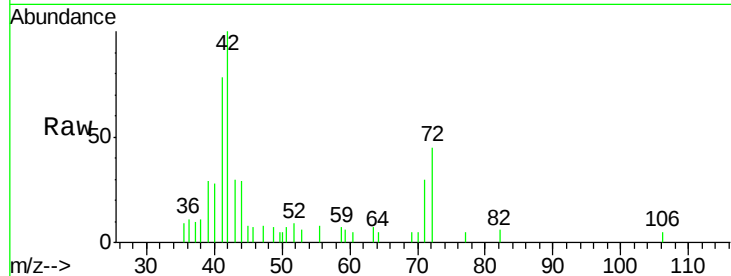




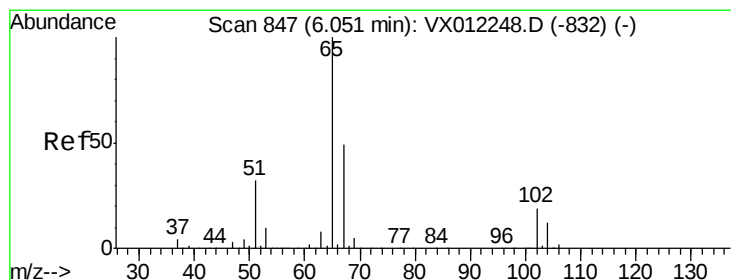
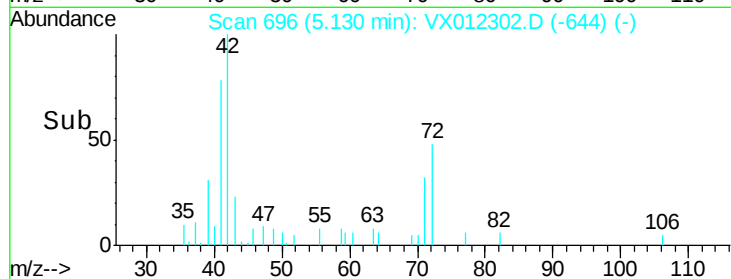
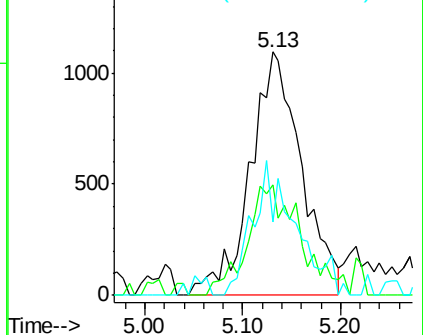
#29
Tetrahydrofuran
Concen: 10.657 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012302.D
Acq: 11 Sep 2019 15:09

Instrument :
MSVOA_X
ClientSampled :
T11-C1-(0)

Tot Ion: 42 Resp: 3984
Ion Ratio Lower Upper
42 100
72 46.7 35.2 52.8
71 45.7 32.5 48.7

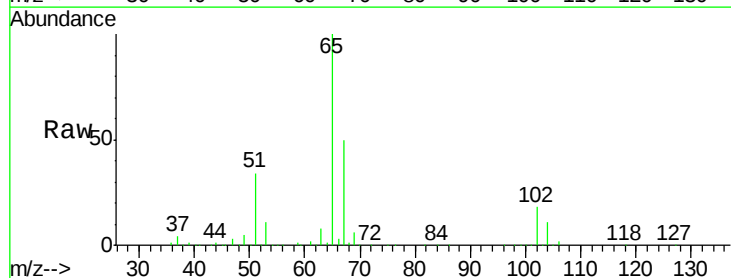


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

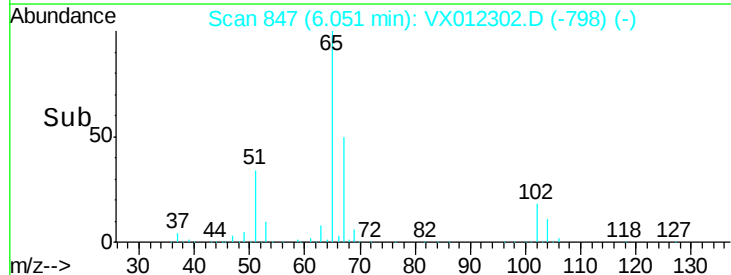
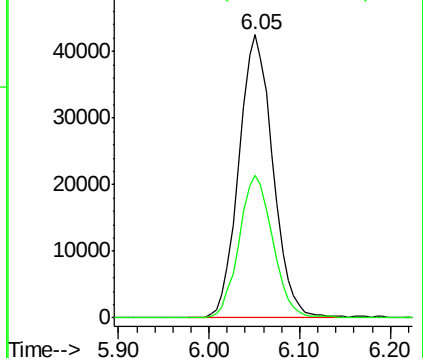


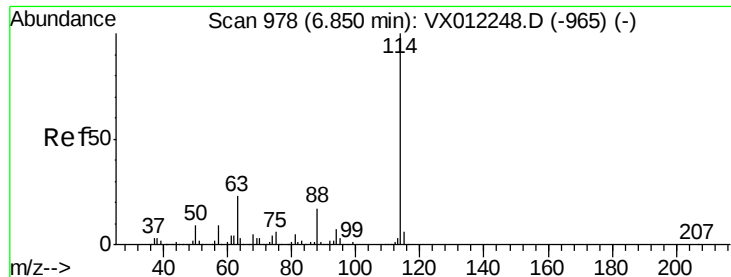
#33
1,2-Dichloroethane-d4
Concen: 48.311 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012302.D
Acq: 11 Sep 2019 15:09

Tgt Ion: 65 Resp: 110611
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.8



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: VX012302.D

Acq: 11 Sep 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

T11-C1-(0)

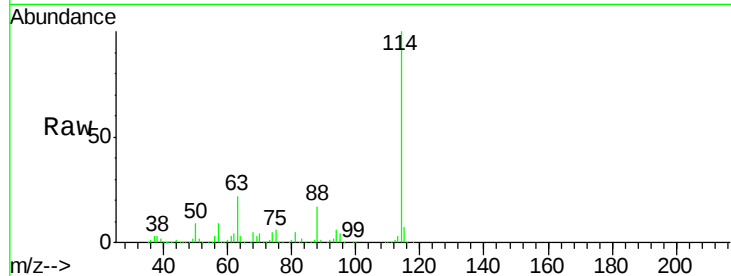
Tot Ion:114 Resp: 282176

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.2

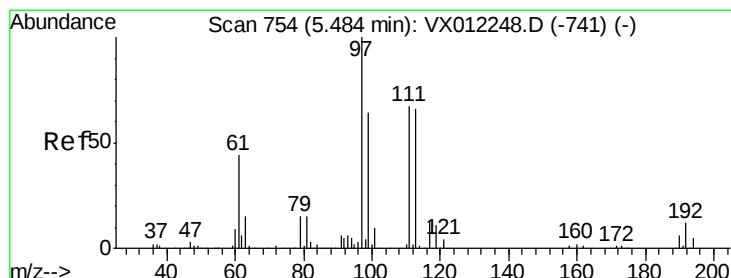
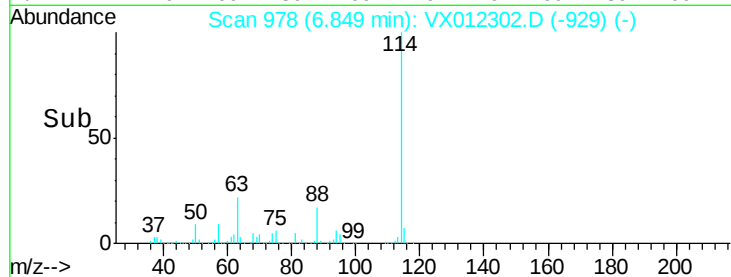
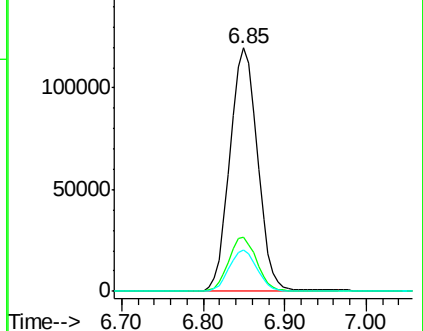
88 17.2 0.0 34.8



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



#35

Dibromofluoromethane

Concen: 46.190 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012302.D

Acq: 11 Sep 2019 15:09

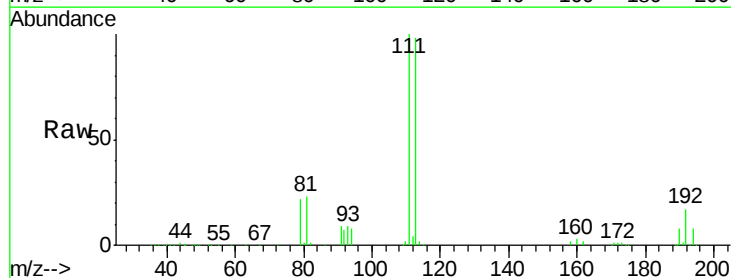
Tgt Ion:113 Resp: 83552

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

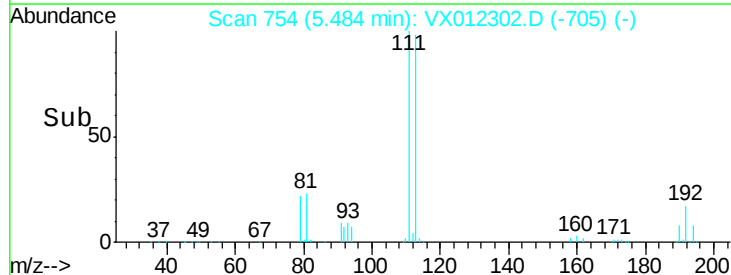
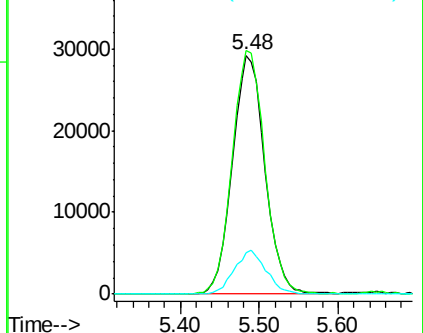
192 18.0 14.3 21.5

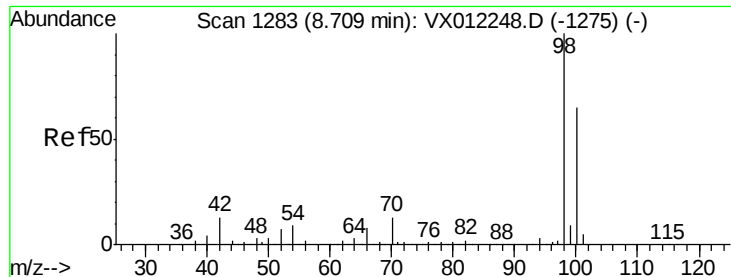


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

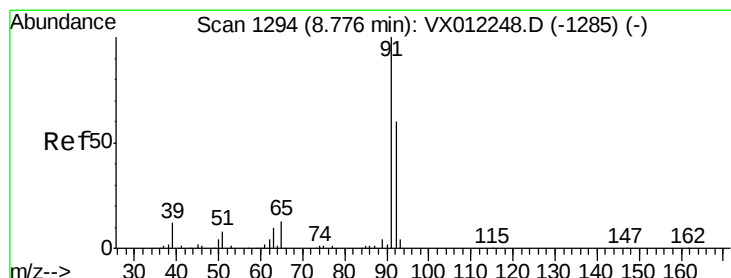
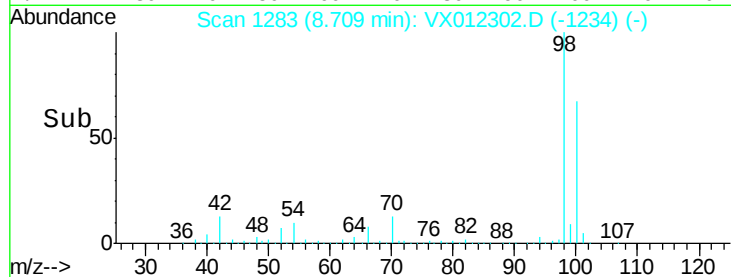
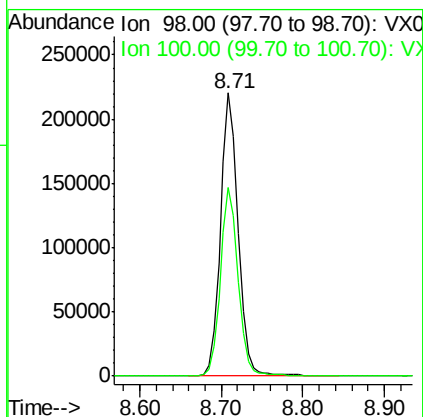
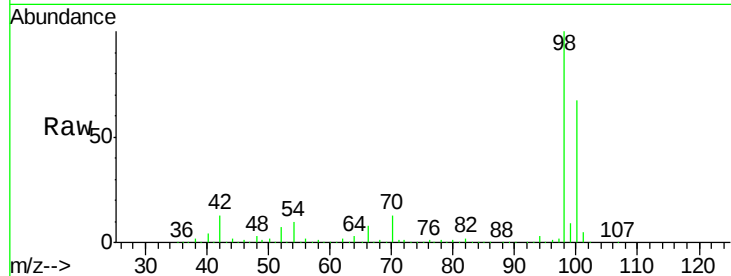




#50
Toluene-d8
Concen: 52.631 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012302.D
Acq: 11 Sep 2019 15:09

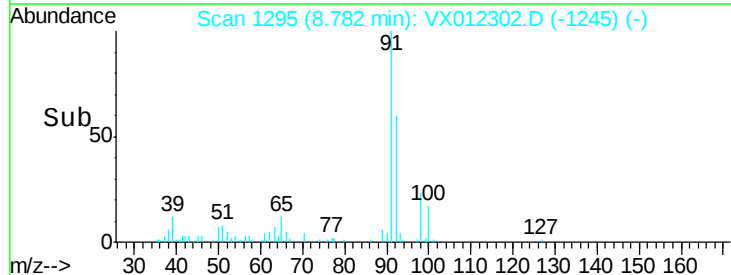
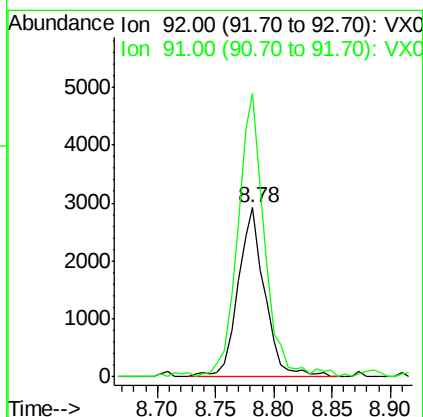
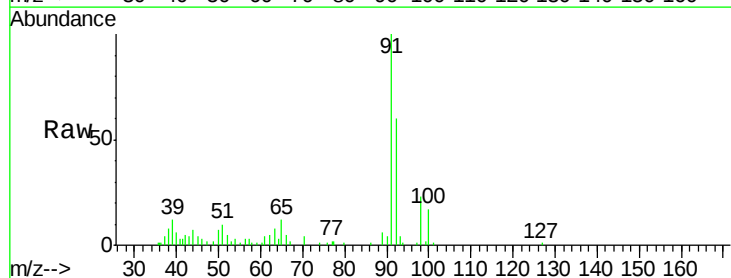
Instrument :
MSVOA_X
ClientSampleId :
T11-C1-(0)

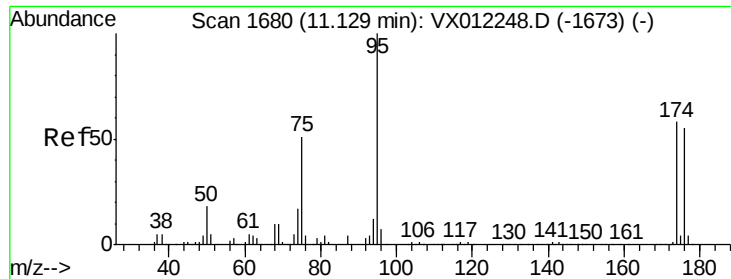
Tot Ion: 98 Resp: 333908
Ion Ratio Lower Upper
98 100
100 67.1 54.1 81.1



#52
Toluene
Concen: 1.141 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX012302.D
Acq: 11 Sep 2019 15:09

Tgt Ion: 92 Resp: 4695
Ion Ratio Lower Upper
92 100
91 164.4 133.6 200.4





#62

4-Bromofluorobenzene

Concen: 43.711 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012302.D

Acq: 11 Sep 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

T11-C1-(0)

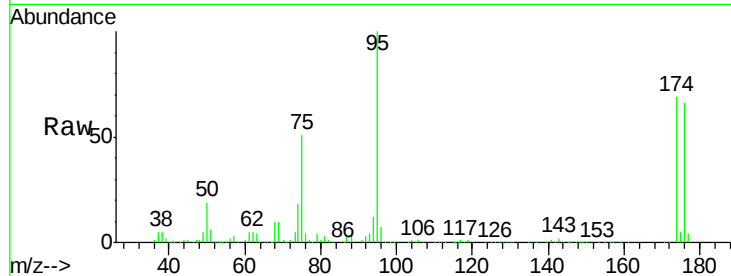
Tot Ion: 95 Resp: 128565

Ion Ratio Lower Upper

95 100

174 65.5 0.0 127.0

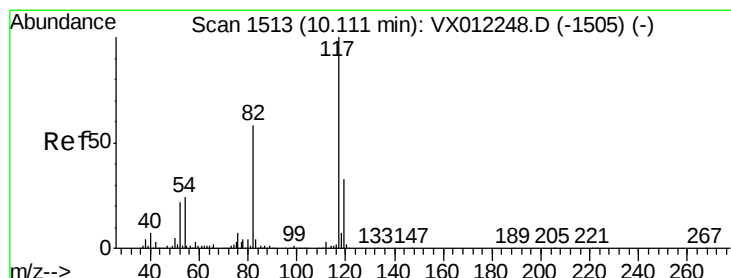
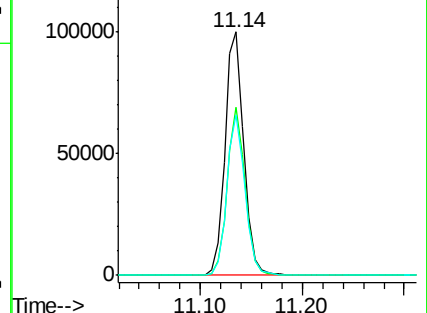
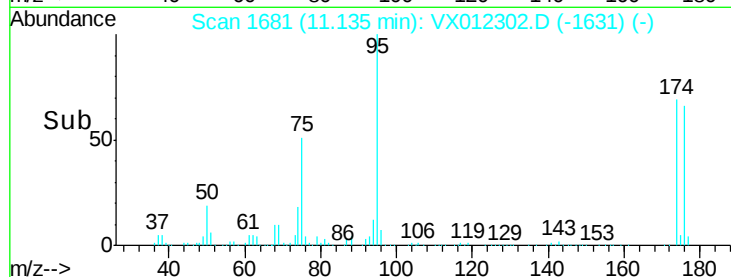
176 63.5 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX012302.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX012302.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX012302.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012302.D

Acq: 11 Sep 2019 15:09

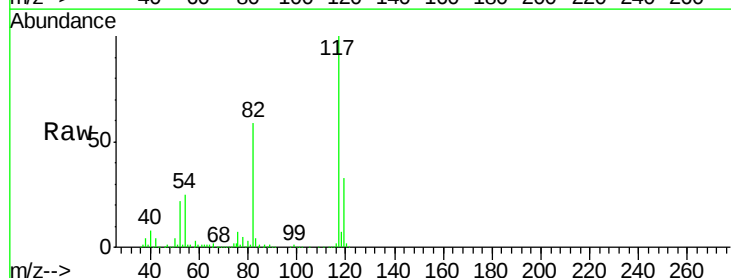
Tgt Ion: 117 Resp: 245315

Ion Ratio Lower Upper

117 100

82 58.7 46.4 69.6

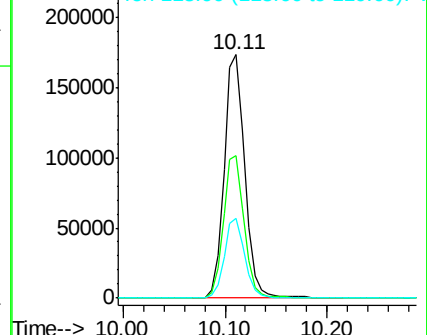
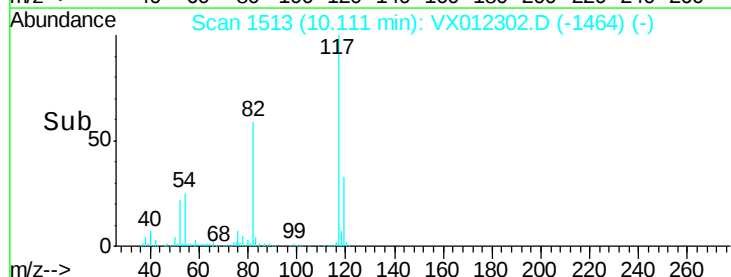
119 33.0 26.6 39.8

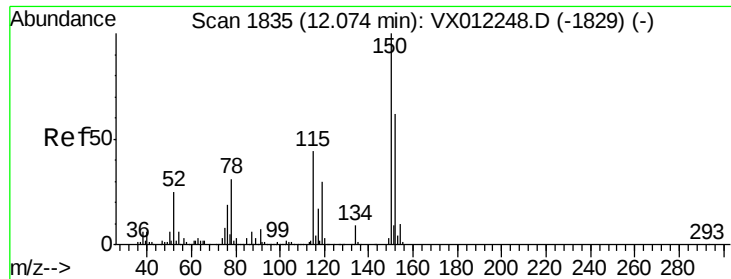


Abundance Ion 116.90 (116.60 to 117.60): VX012302.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012302.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012302.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012302.D

Acq: 11 Sep 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

T11-C1-(0)

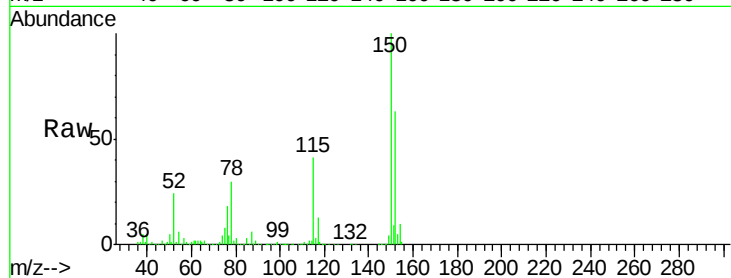
Tot Ion:152 Resp: 104358

Ion Ratio Lower Upper

152 100

115 65.4 45.5 136.4

150 159.3 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

