

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011716.D
 Acq On : 21 Aug 2019 04:20
 Operator : JC/SP
 Sample : K4388-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-B3-(0)

Quant Time: Aug 21 05:51:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

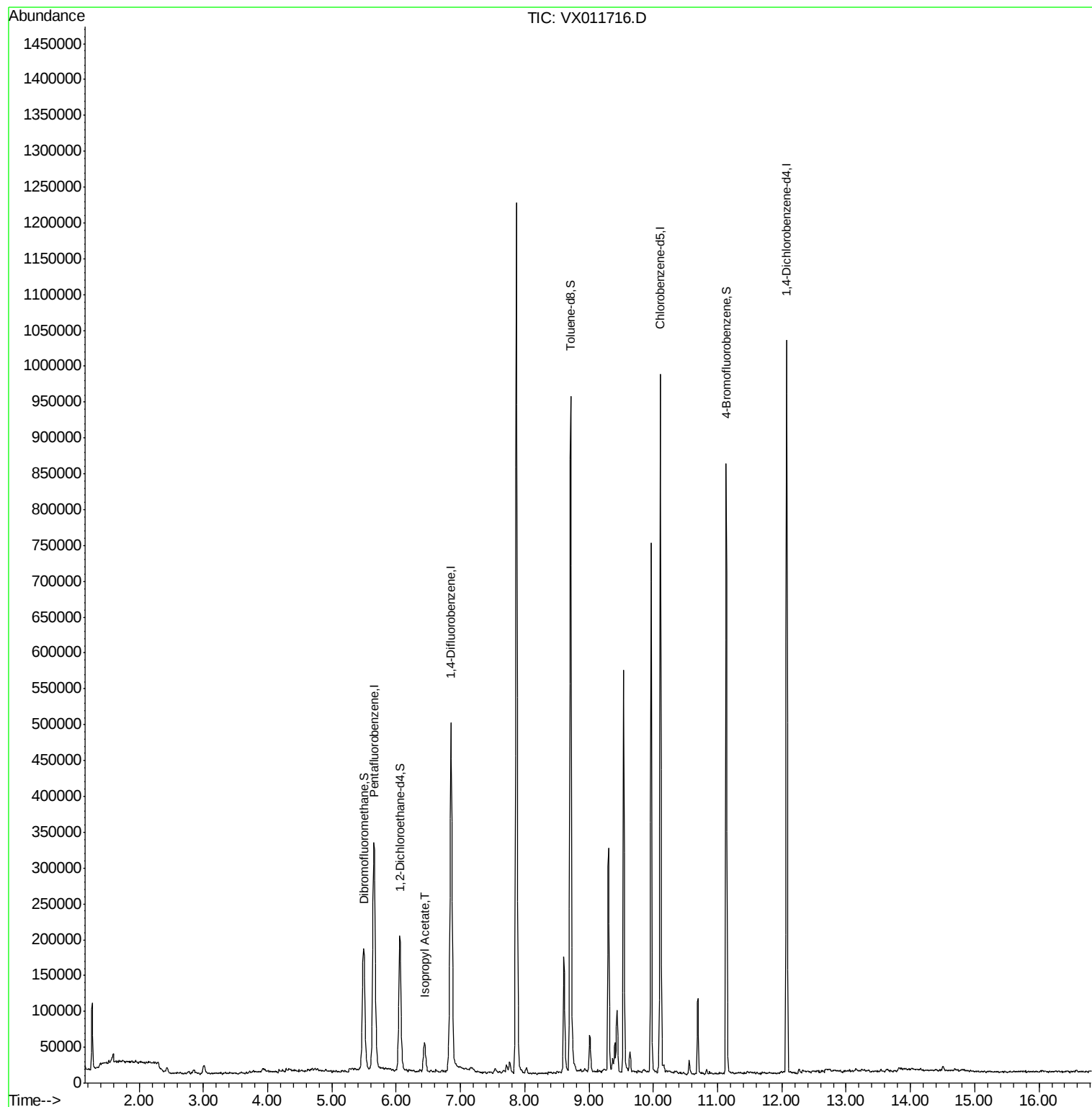
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	323924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	512194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	455877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	228287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	183159	60.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.94%	
35) Dibromofluoromethane	5.49	113	145462	43.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.84%	
50) Toluene-d8	8.71	98	575814	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
62) 4-Bromofluorobenzene	11.13	95	212791	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
Target Compounds						
43) Isopropyl Acetate	6.44	43	58338	7.421	ug/l	Qvalue 99

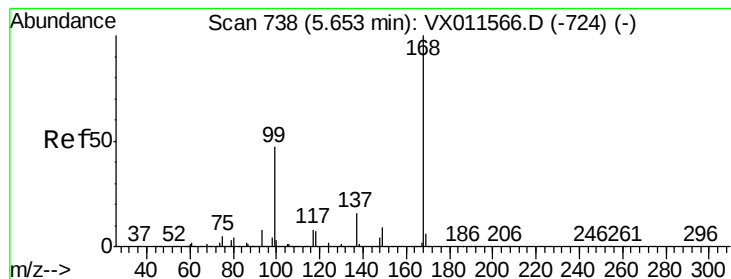
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 16 04:15:26 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011716.D

Acq: 21 Aug 2019 04:20

Instrument :

MSVOA_X

ClientSampleId :

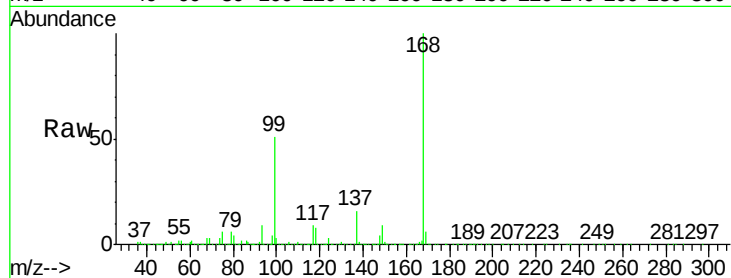
T4-B3-(0)

Tot Ion:168 Resp: 323924

Ion Ratio Lower Upper

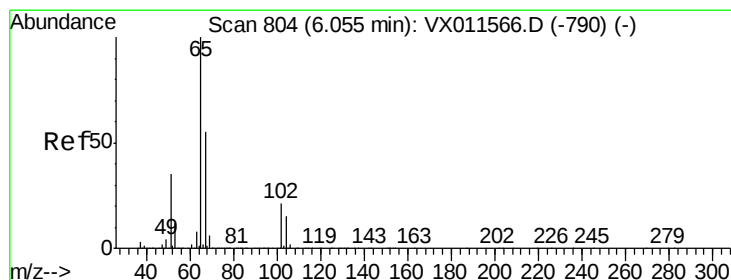
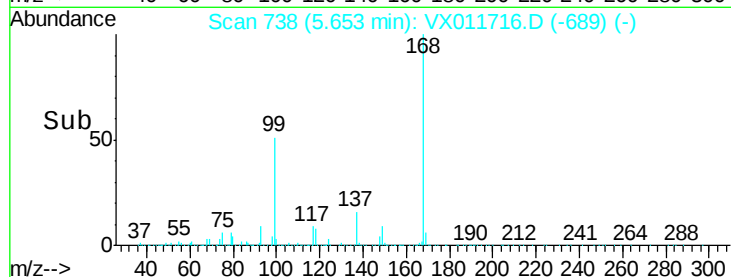
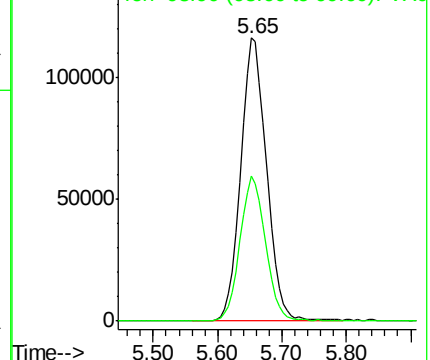
168 100

99 51.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 60.973 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011716.D

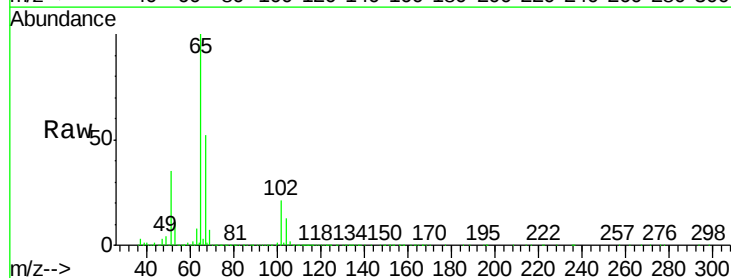
Acq: 21 Aug 2019 04:20

Tgt Ion: 65 Resp: 183159

Ion Ratio Lower Upper

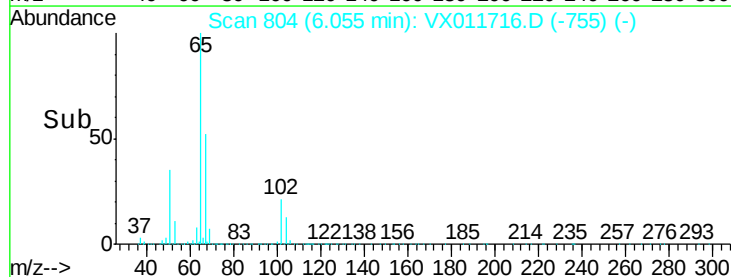
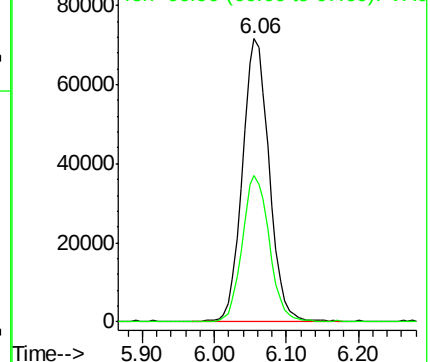
65 100

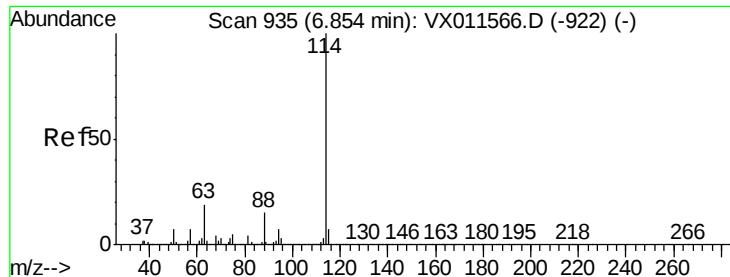
67 52.3 0.0 107.6



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# 935

Delta R.T. 0.00 min

Lab File: VX011716.D

Acq: 21 Aug 2019 04:20

Instrument :

MSVOA_X

ClientSampled :

T4-B3-(0)

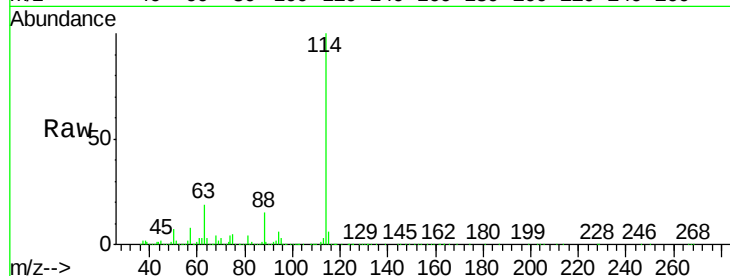
Tot Ion:114 Resp: 512194

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.8

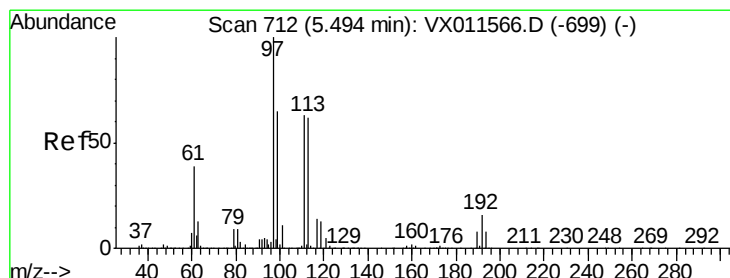
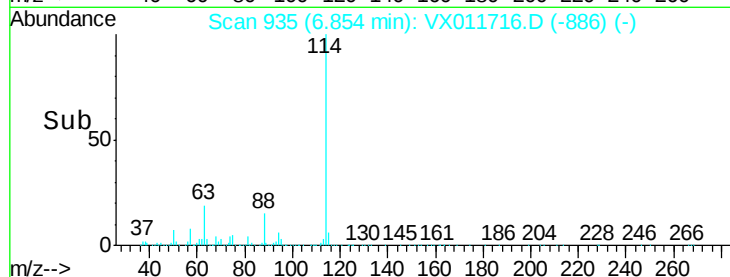
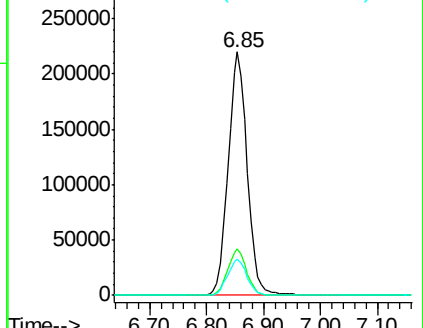
88 14.7 0.0 30.2



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: 43.421 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011716.D

Acq: 21 Aug 2019 04:20

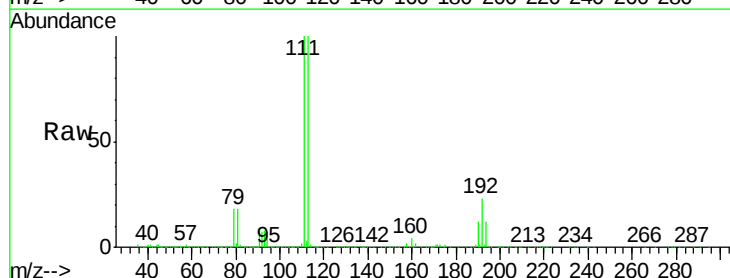
Tgt Ion:113 Resp: 145462

Ion Ratio Lower Upper

113 100

111 101.6 81.1 121.7

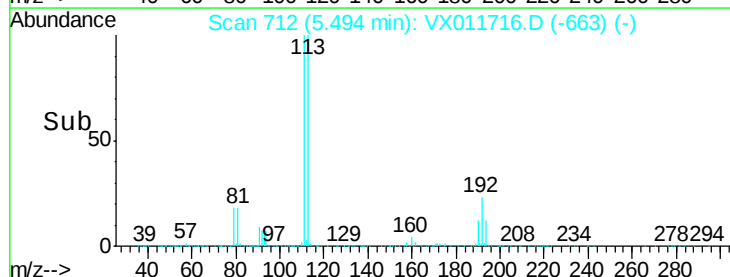
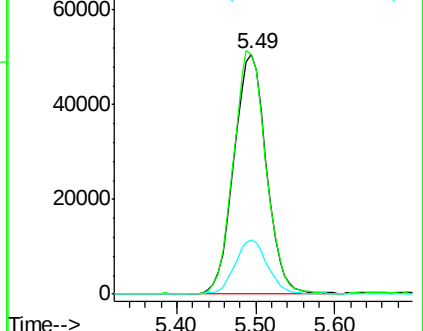
192 22.7 20.8 31.2

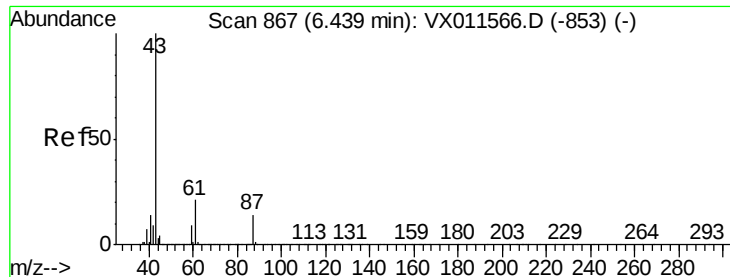


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



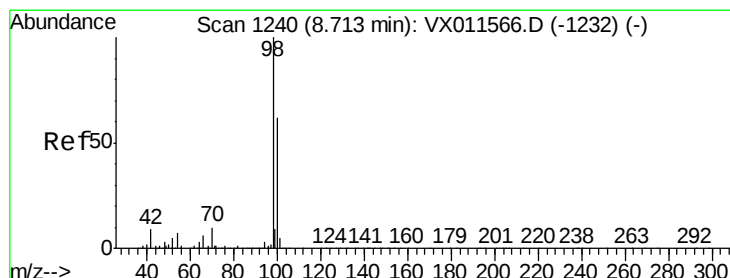
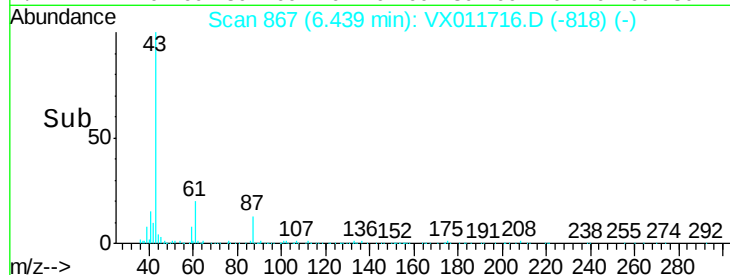
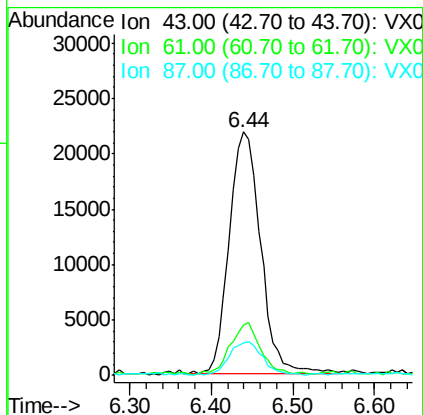
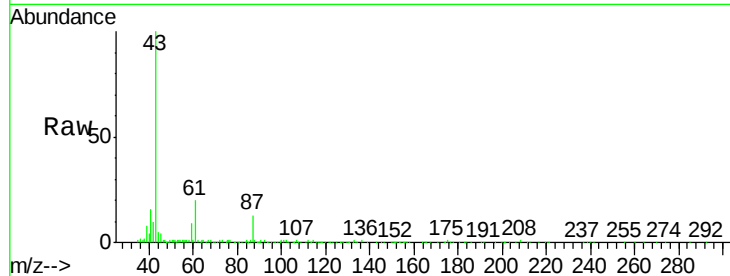


#43

Isopropyl Acetate
 Concen: 7.421 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011716.D
 Acq: 21 Aug 2019 04:20

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-B3-(0)

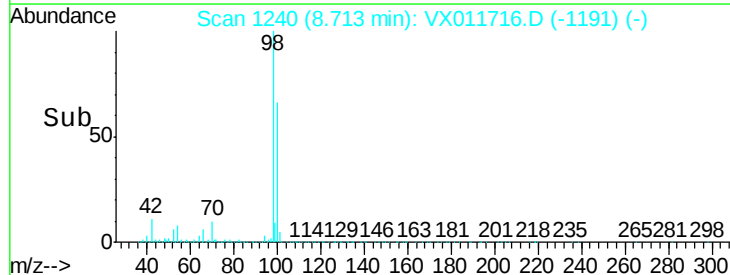
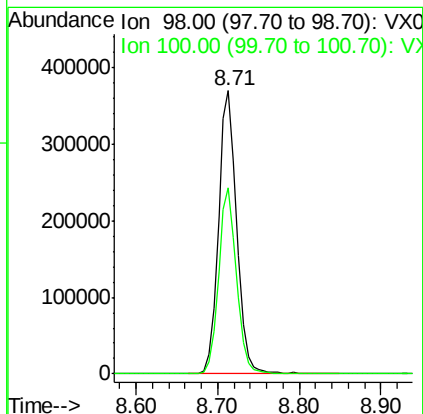
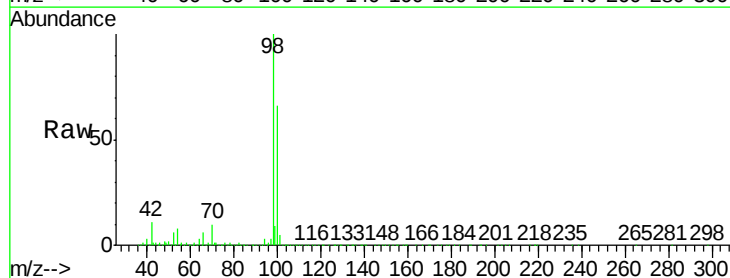
Tot Ion	43	Resp	58338
Ion Ratio	Lower	Upper	
43	100		
61	20.5	16.6	24.8
87	13.7	11.4	17.2

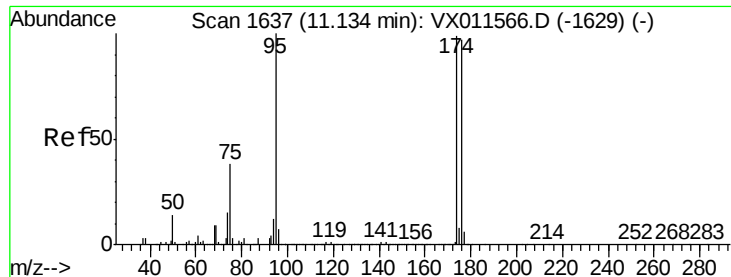


#50

Toluene-d8
 Concen: 55.163 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011716.D
 Acq: 21 Aug 2019 04:20

Tgt Ion	98	Resp	575814
Ion Ratio	Lower	Upper	
98	100		
100	64.8	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 48.297 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011716.D

Acq: 21 Aug 2019 04:20

Instrument :

MSVOA_X

ClientSampleId :

T4-B3-(0)

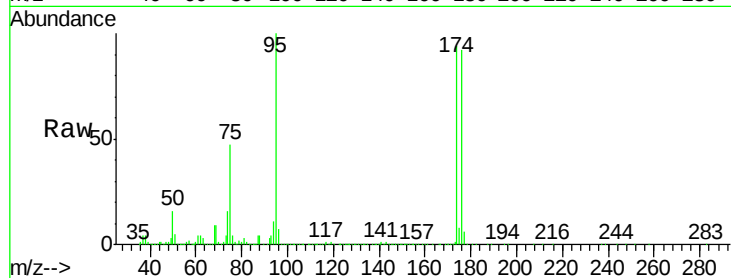
Tot Ion: 95 Resp: 212791

Ion Ratio Lower Upper

95 100

174 98.1 0.0 200.6

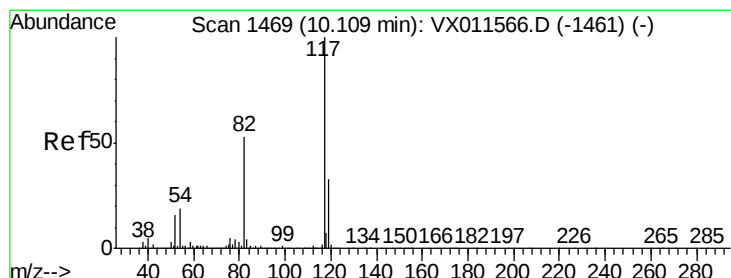
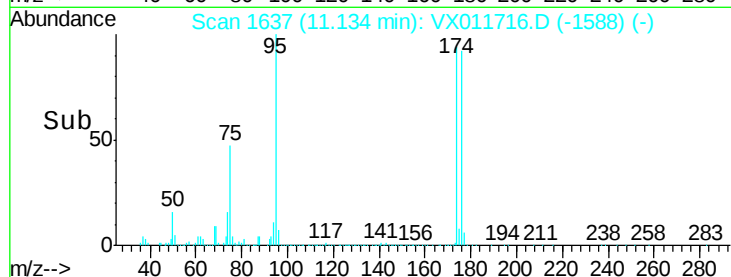
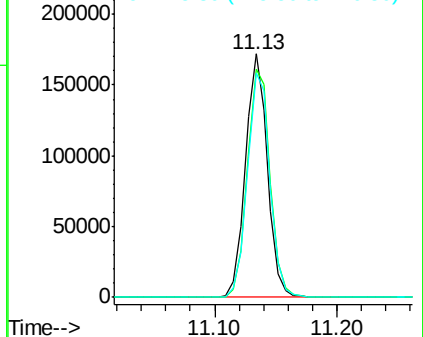
176 95.0 0.0 196.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011716.D

Acq: 21 Aug 2019 04:20

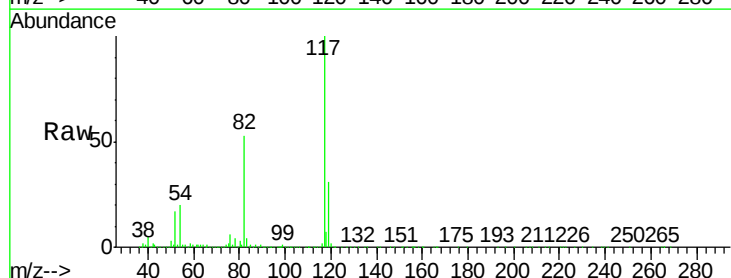
Tgt Ion: 117 Resp: 455877

Ion Ratio Lower Upper

117 100

82 53.0 42.0 63.0

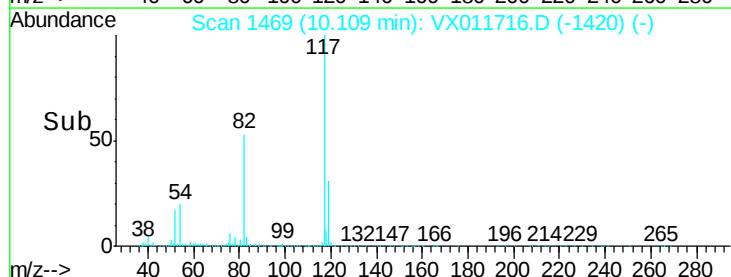
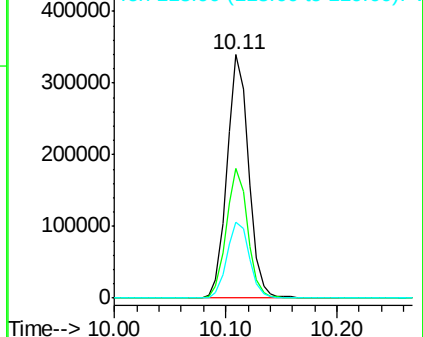
119 31.3 26.5 39.7

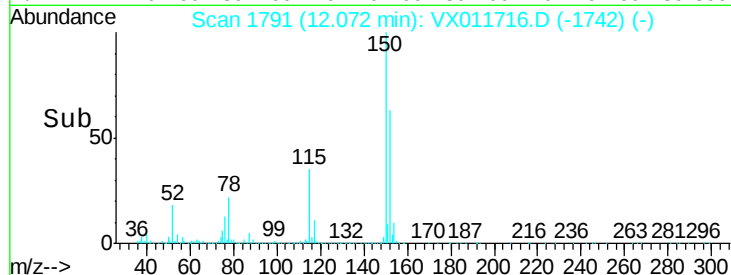
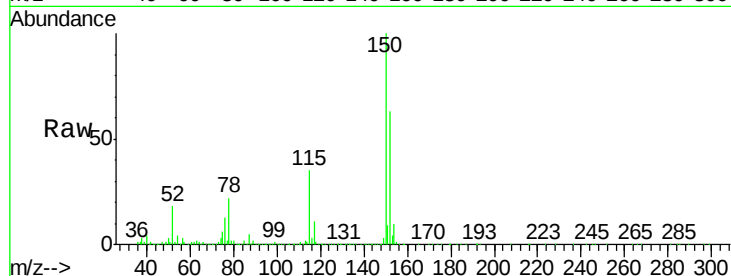
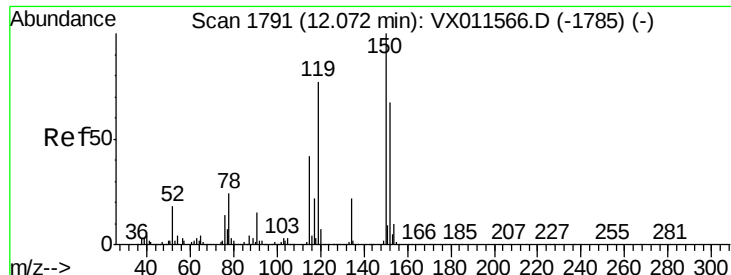


Abundance Ion 116.90 (116.60 to 117.60): V

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# 1791
 Delta R.T. 0.00 min
 Lab File: VX011716.D
 Acq: 21 Aug 2019 04:20

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-B3-(0)

Tot Ion:	152	Resp:	228287
Ion	Ratio	Lower	Upper
152	100		
115	53.8	37.3	111.9
150	156.3	0.0	346.2

