

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011702.D
 Acq On : 20 Aug 2019 22:51
 Operator : JC/SP
 Sample : K4387-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T6-C-(0)

Quant Time: Aug 21 01:01:35 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

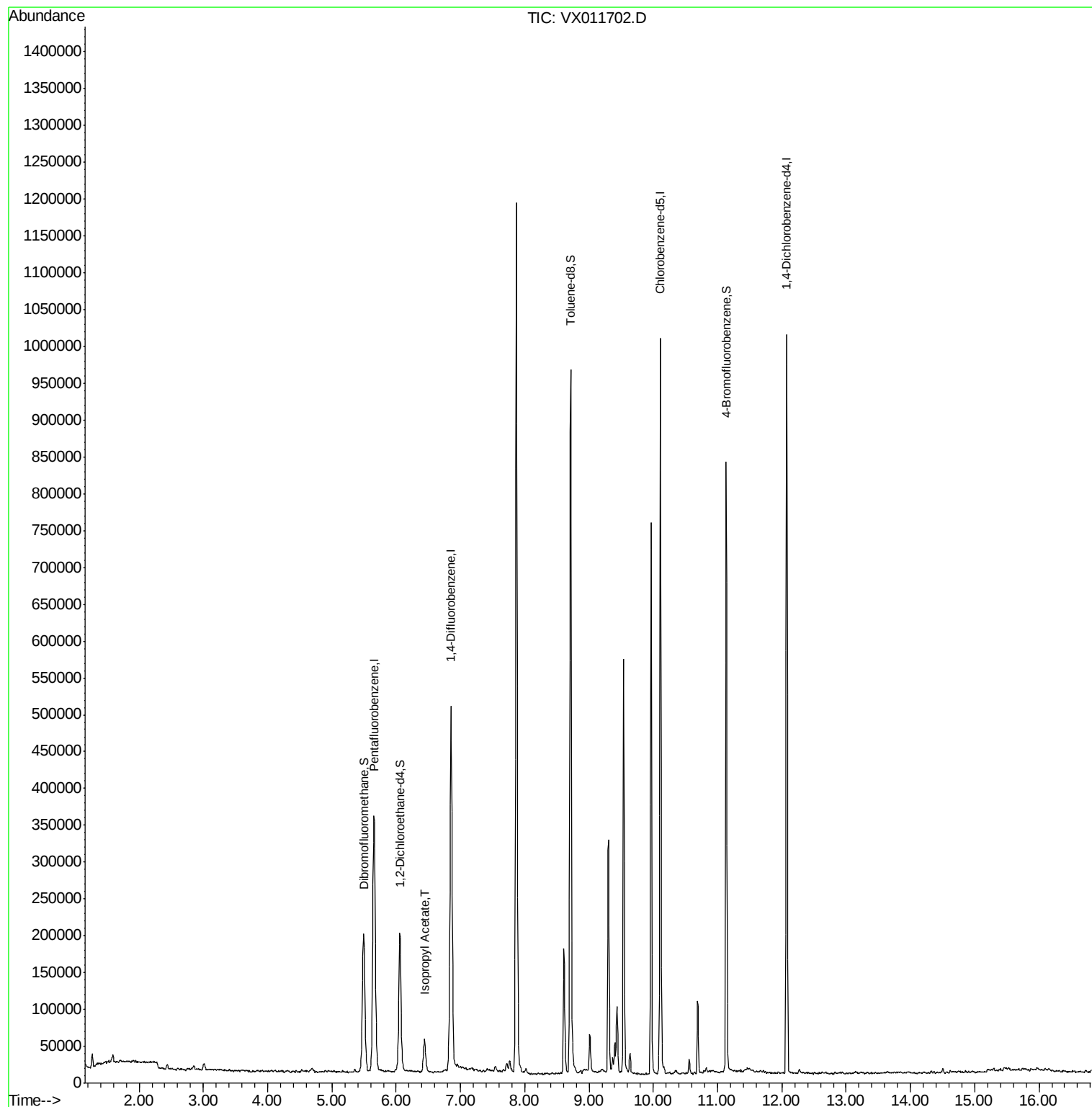
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	373154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	519315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	471543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	186052	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
35) Dibromofluoromethane	5.49	113	156472	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
50) Toluene-d8	8.71	98	608490	57.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.98%	
62) 4-Bromofluorobenzene	11.13	95	198398	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.82%	
Target Compounds						
43) Isopropyl Acetate	6.44	43	60065	7.536	ug/l	Qvalue 98

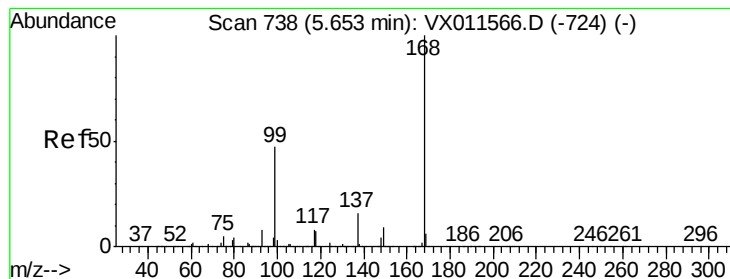
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011702.D

Acq: 20 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

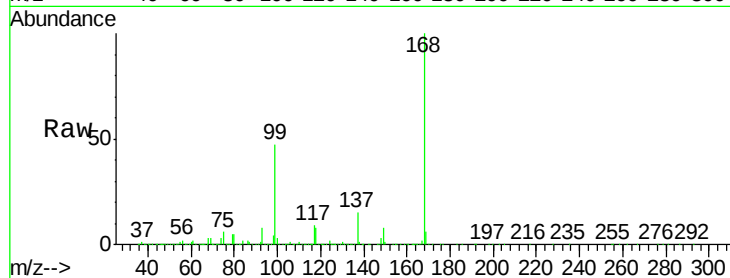
T6-C-(0)

Tot Ion:168 Resp: 373154

Ion Ratio Lower Upper

168 100

99 47.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

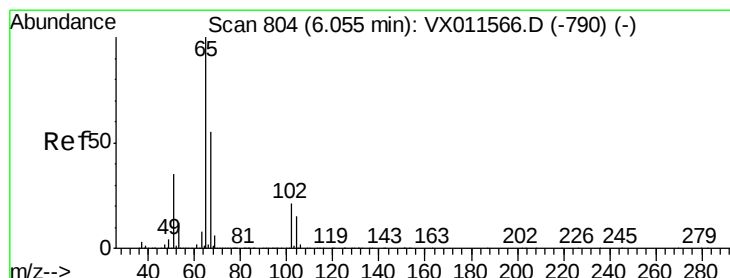
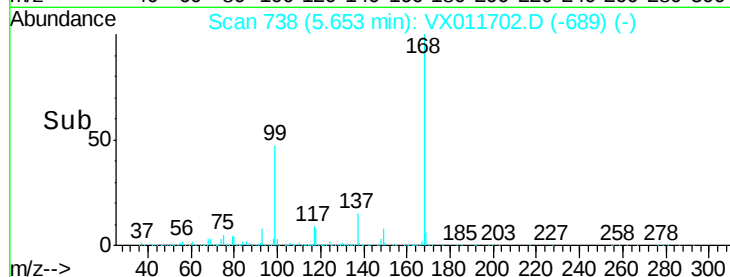
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.765 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011702.D

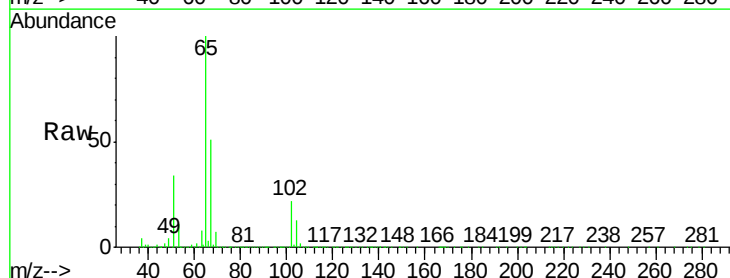
Acq: 20 Aug 2019 22:51

Tgt Ion: 65 Resp: 186052

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

6.06

80000

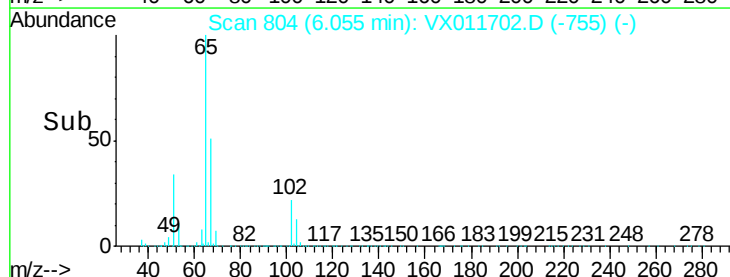
60000

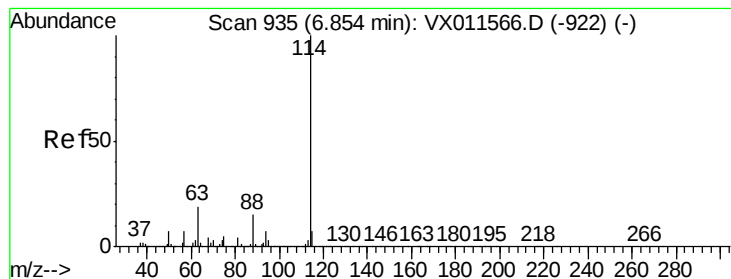
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011702.D

Acq: 20 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

T6-C-(0)

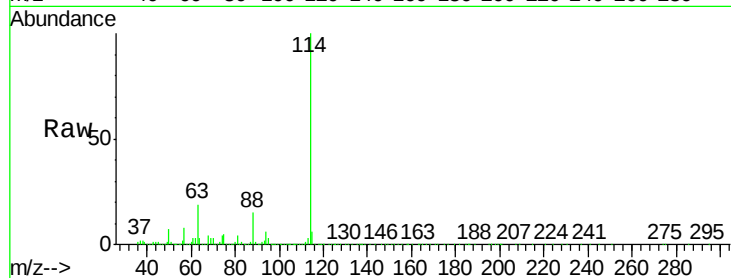
Tot Ion:114 Resp: 519315

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.8

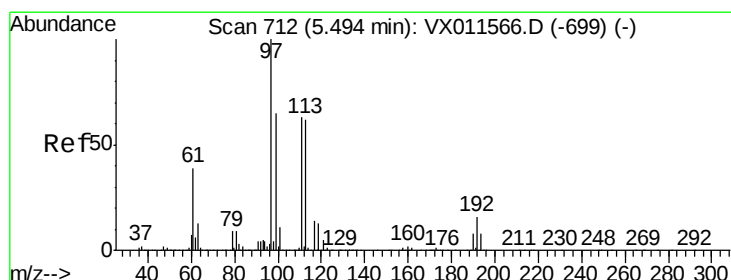
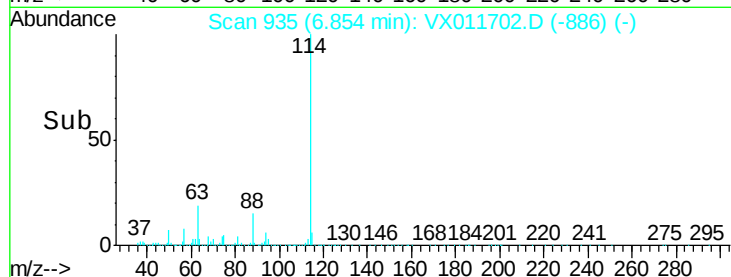
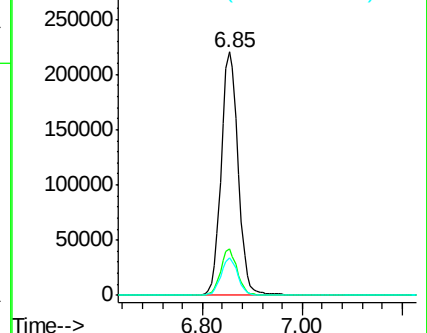
88 15.4 0.0 30.2



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: 46.067 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011702.D

Acq: 20 Aug 2019 22:51

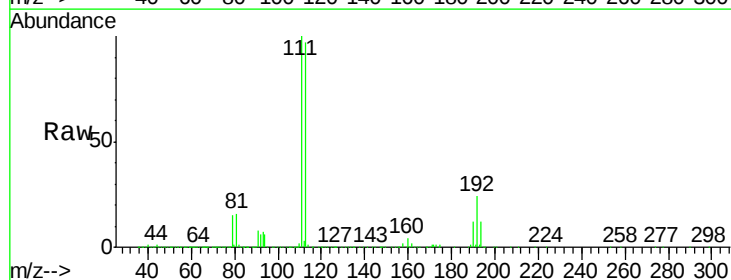
Tgt Ion:113 Resp: 156472

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

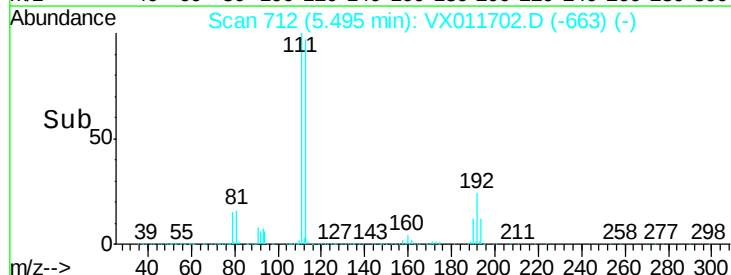
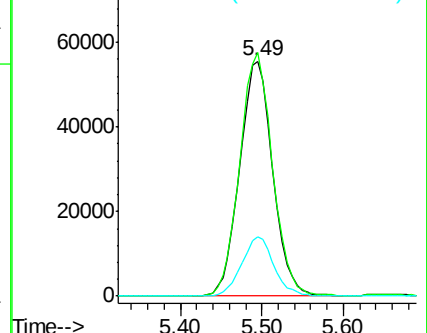
192 24.7 20.8 31.2

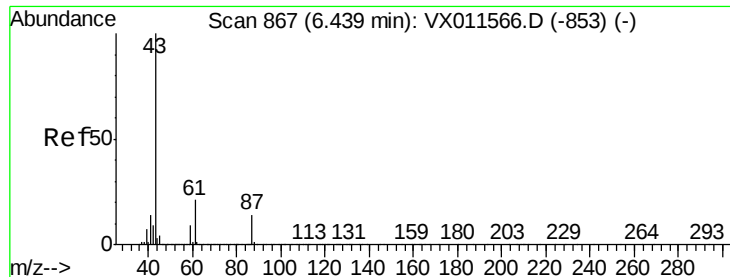


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



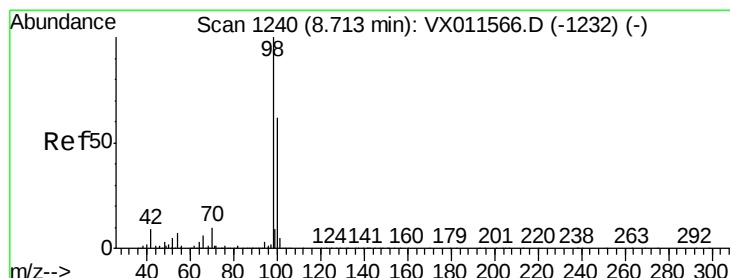
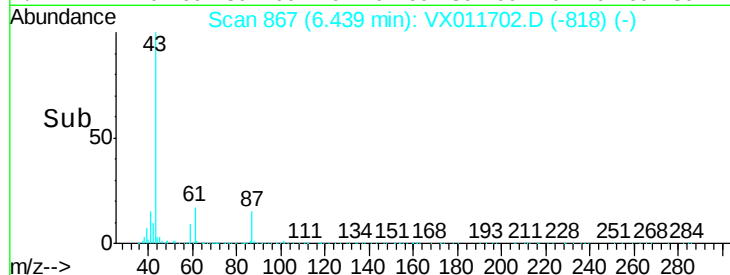
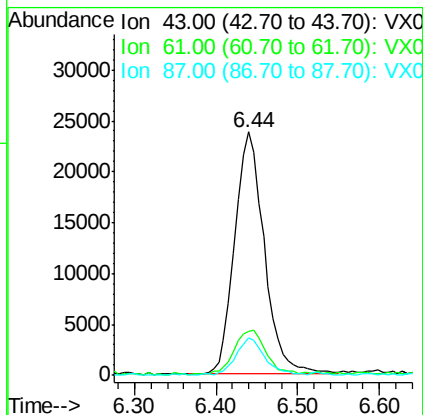
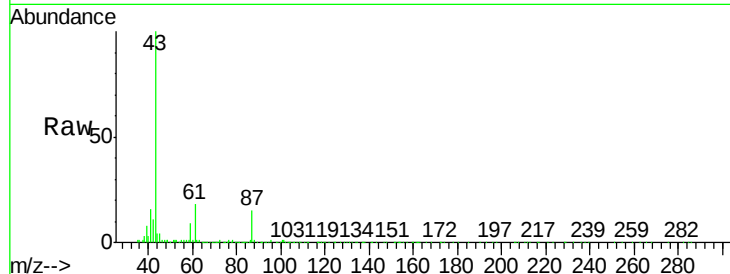


#43

Isopropyl Acetate
 Concen: 7.536 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011702.D
 Acq: 20 Aug 2019 22:51

Instrument :
 MSVOA_X
 ClientSampleId :
 T6-C-(0)

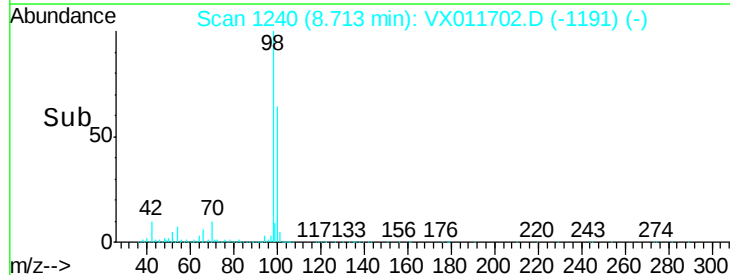
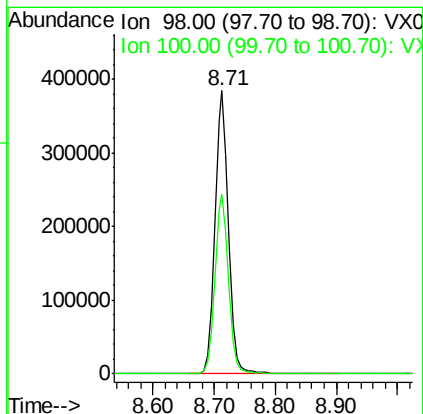
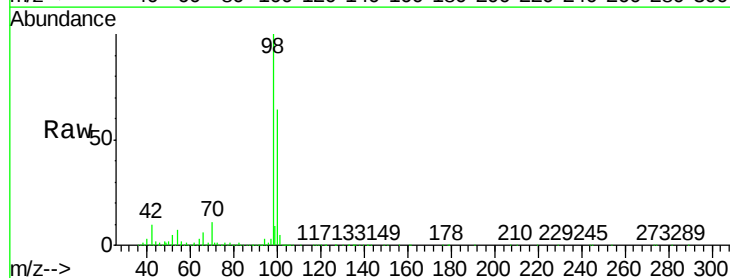
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.6	24.8
87	15.3	11.4	17.2

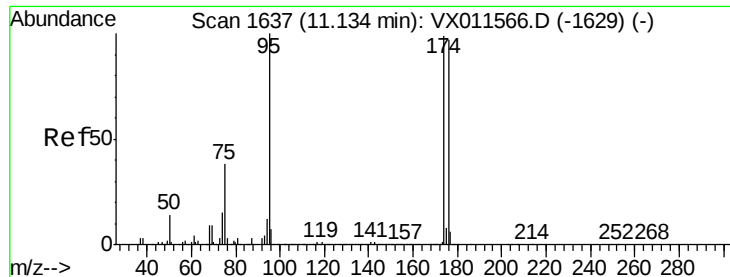


#50

Toluene-d8
 Concen: 57.494 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011702.D
 Acq: 20 Aug 2019 22:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 44.413 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011702.D

Acq: 20 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

T6-C-(0)

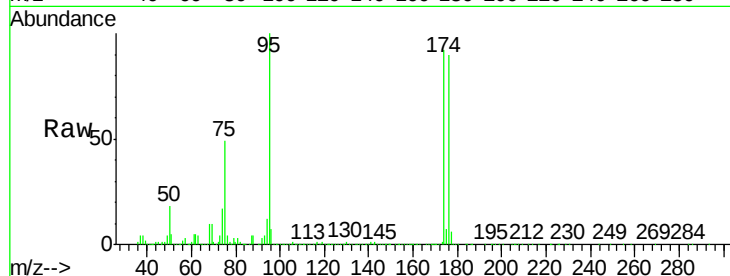
Tot Ion: 95 Resp: 198398

Ion Ratio Lower Upper

95 100

174 94.5 0.0 200.6

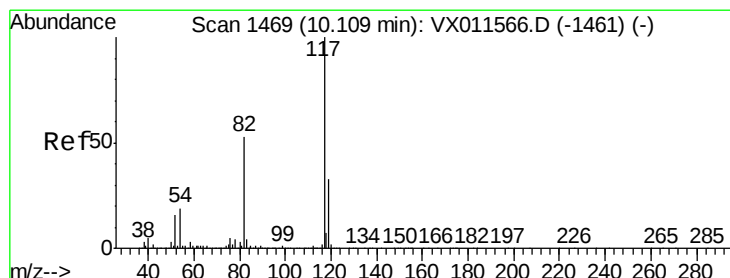
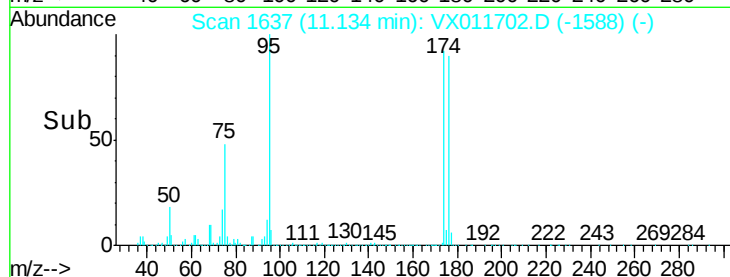
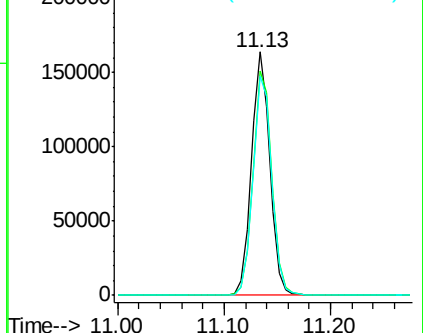
176 92.1 0.0 196.6



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: VX011702.D

Acq: 20 Aug 2019 22:51

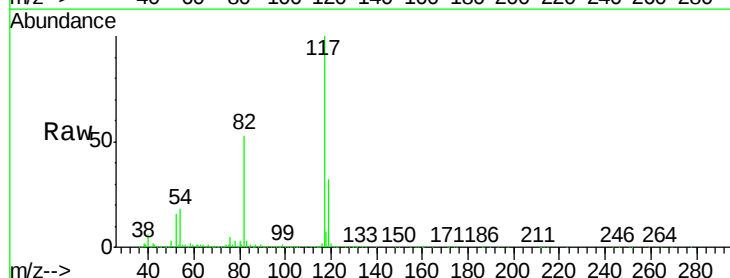
Tgt Ion: 117 Resp: 471543

Ion Ratio Lower Upper

117 100

82 52.5 42.0 63.0

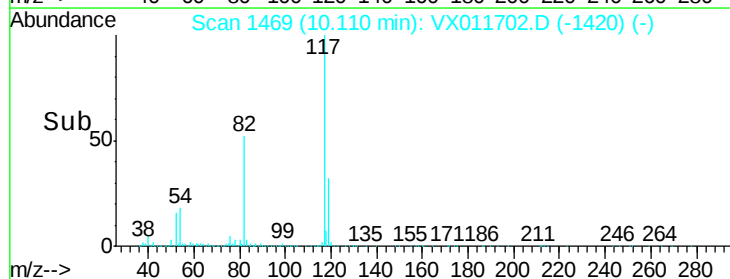
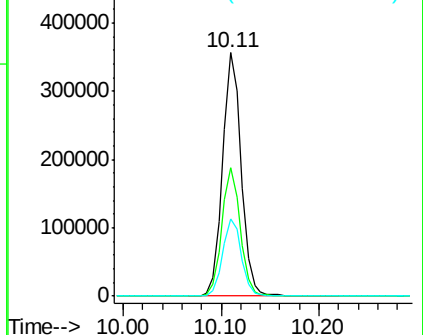
119 31.8 26.5 39.7

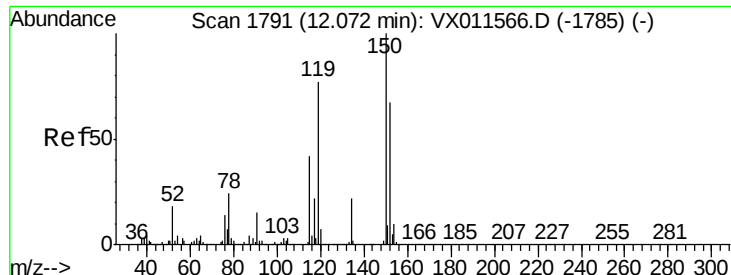


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011702.D

Acq: 20 Aug 2019 22:51

Instrument :

MSVOA_X

ClientSampleId :

T6-C-(0)

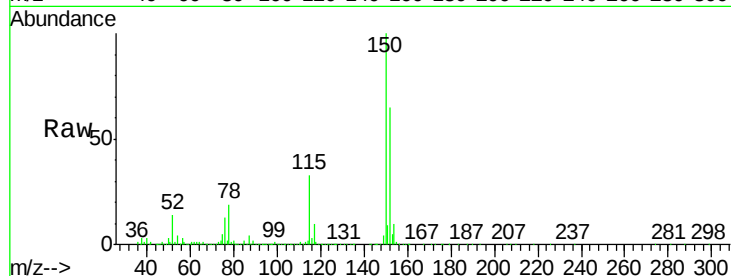
Tot Ion:152 Resp: 231070

Ion Ratio Lower Upper

152 100

115 53.3 37.3 111.9

150 154.4 0.0 346.2



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

