

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011657.D
 Acq On : 20 Aug 2019 01:53
 Operator : JC/SP
 Sample : K4385-28
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T8-A3-(2)

Quant Time: Aug 20 13:43:43 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

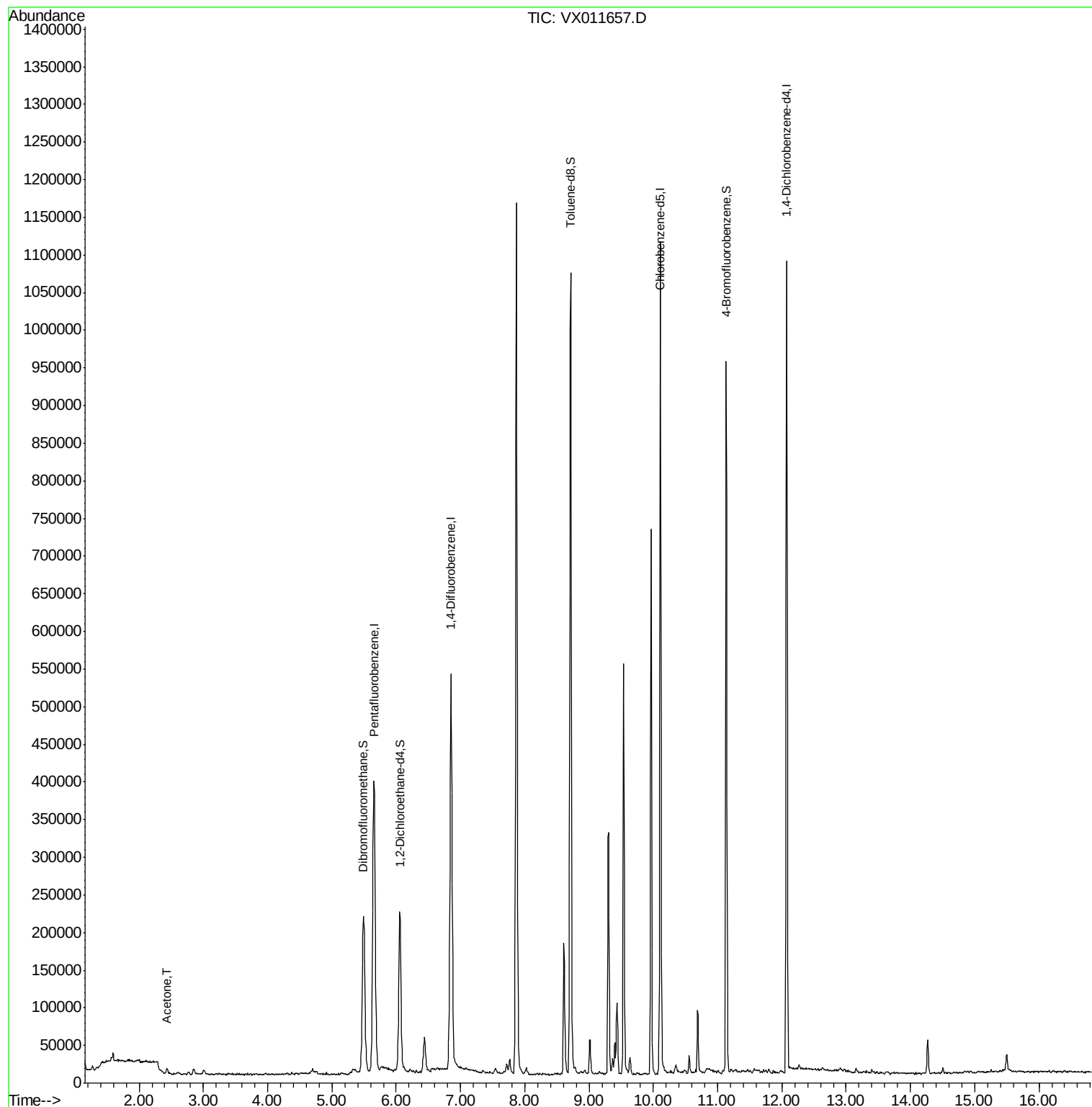
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	416233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	539699	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	532138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	226681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	211101	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
35) Dibromofluoromethane	5.49	113	175948	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	8.71	98	679843	61.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.62%	
62) 4-Bromofluorobenzene	11.13	95	237332	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
Target Compounds						
16) Acetone	2.43	43	8889	4.580	ug/l	Qvalue 92

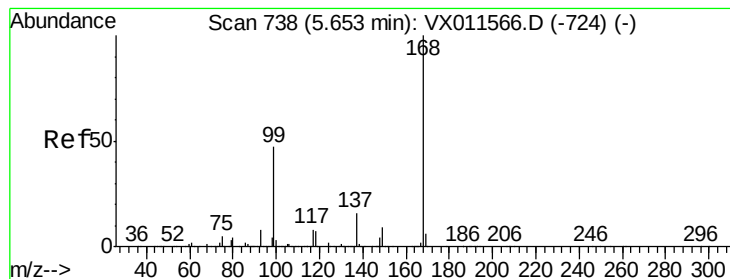
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011657.D

Acq: 20 Aug 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

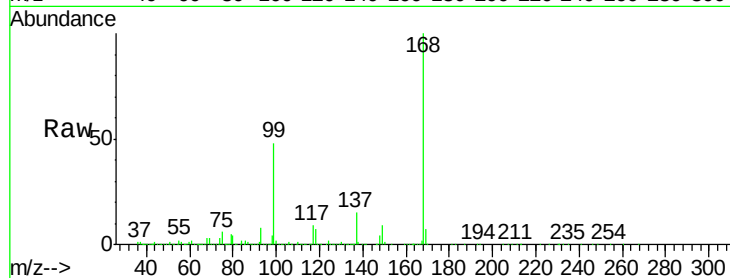
T8-A3-(2)

Tot Ion:168 Resp: 416233

Ion Ratio Lower Upper

168 100

99 47.9 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

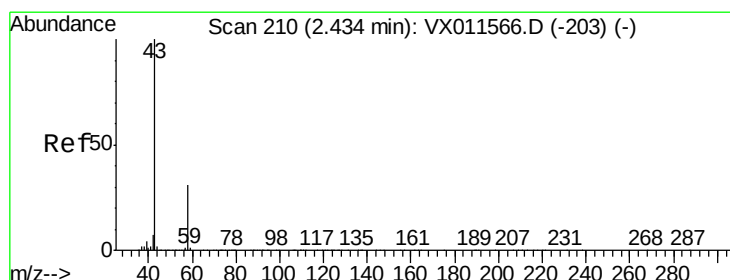
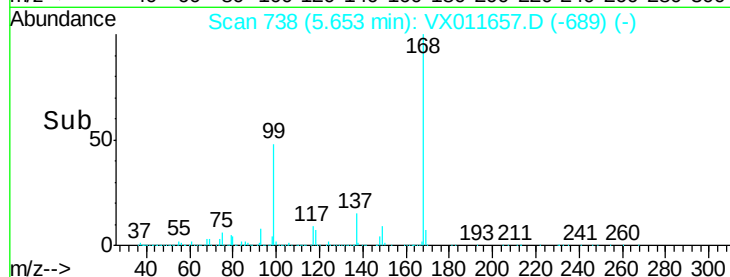
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.580 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011657.D

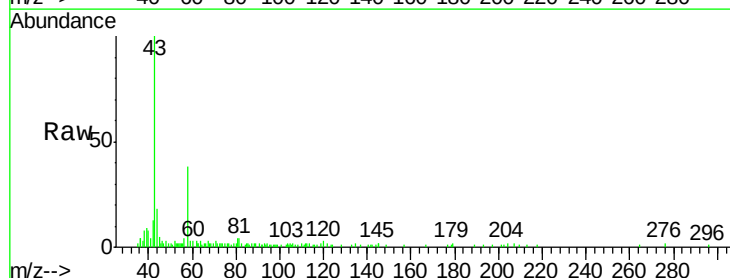
Acq: 20 Aug 2019 01:53

Tgt Ion: 43 Resp: 8889

Ion Ratio Lower Upper

43 100

58 35.7 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

5000

4000

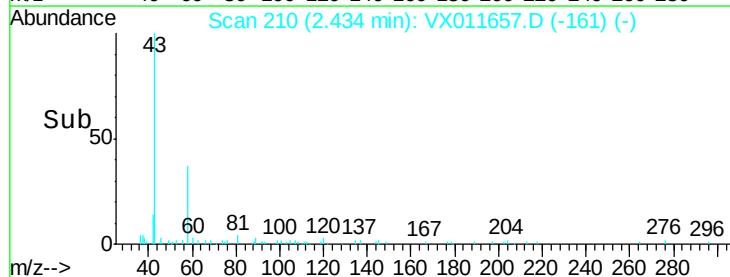
3000

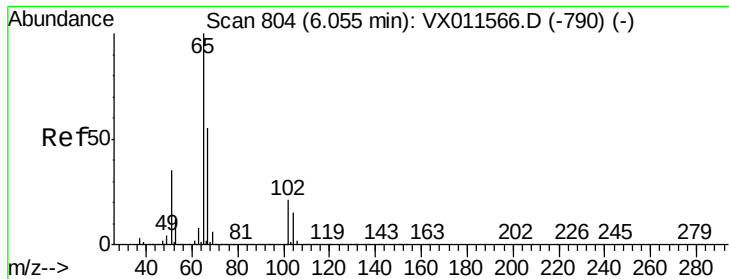
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.689 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011657.D

Acq: 20 Aug 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

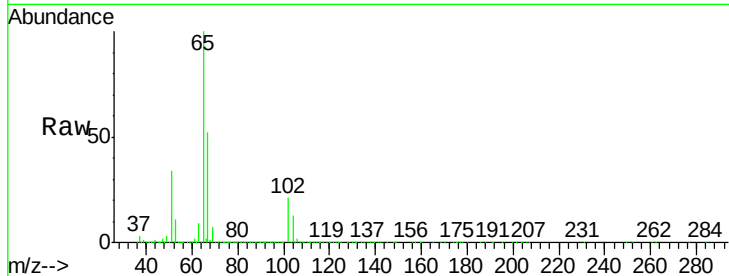
T8-A3-(2)

Tot Ion: 65 Resp: 211101

Ion Ratio Lower Upper

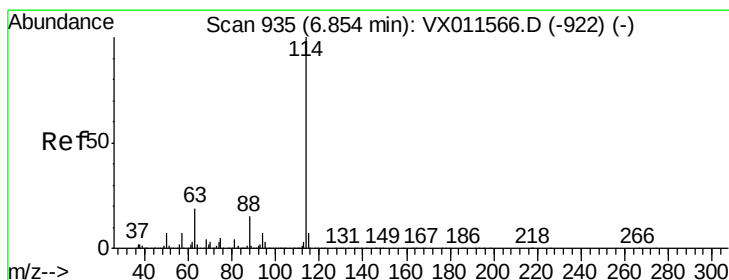
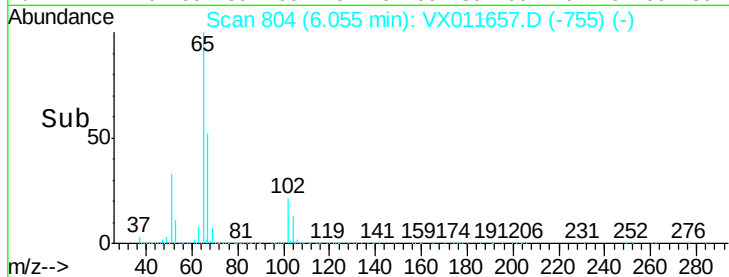
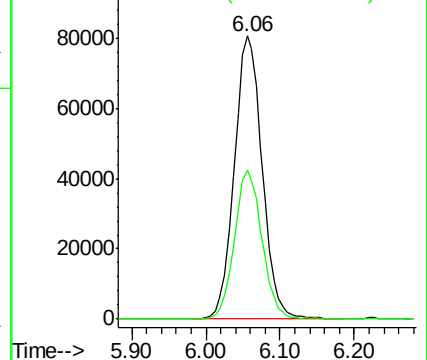
65 100

67 51.6 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: VX011657.D

Acq: 20 Aug 2019 01:53

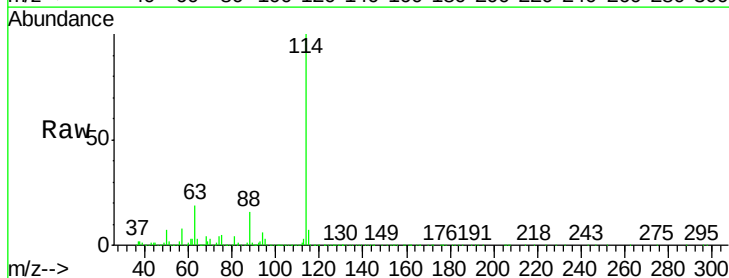
Tgt Ion: 114 Resp: 539699

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.8

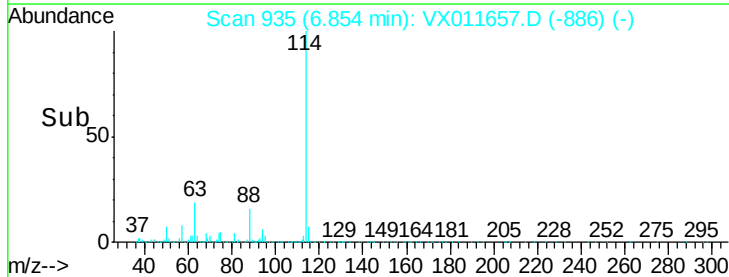
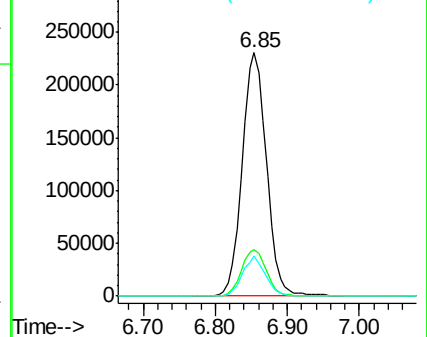
88 16.4 0.0 30.2

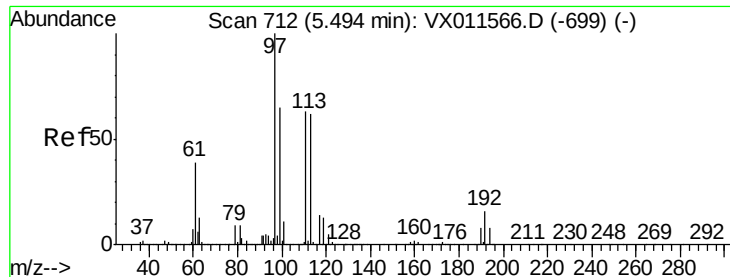


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.844 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011657.D

Acq: 20 Aug 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

T8-A3-(2)

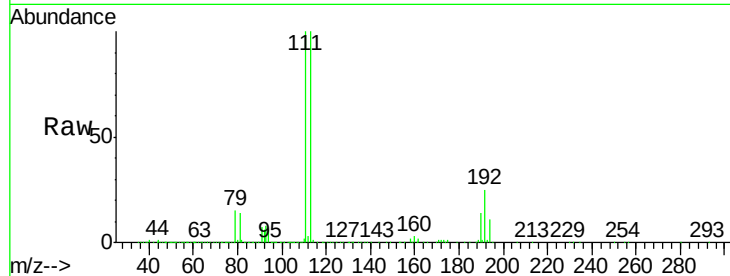
Tot Ion:113 Resp: 175948

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

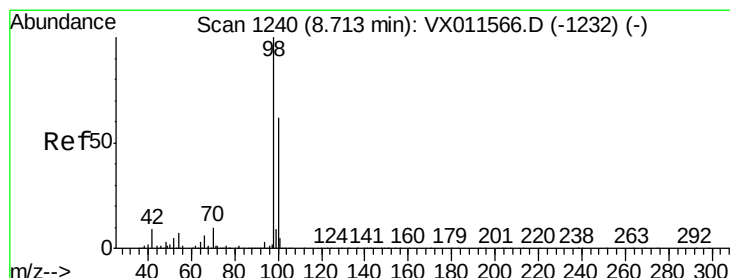
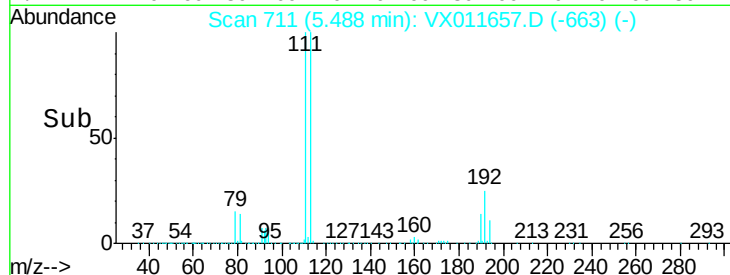
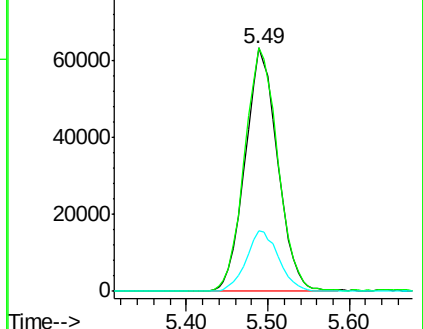
192 25.2 20.8 31.2



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



#50

Toluene-d8

Concen: 61.810 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011657.D

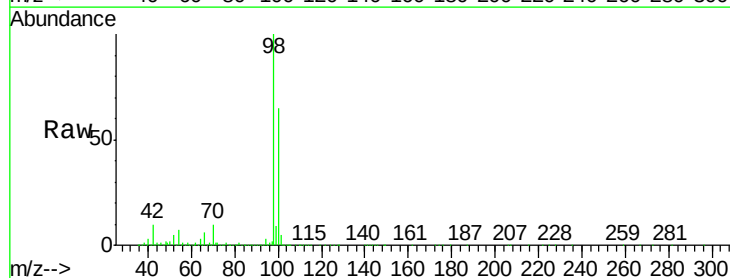
Acq: 20 Aug 2019 01:53

Tgt Ion: 98 Resp: 679843

Ion Ratio Lower Upper

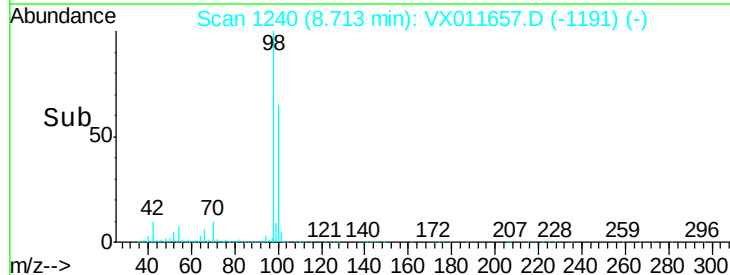
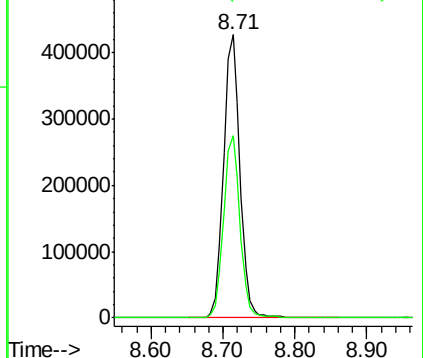
98 100

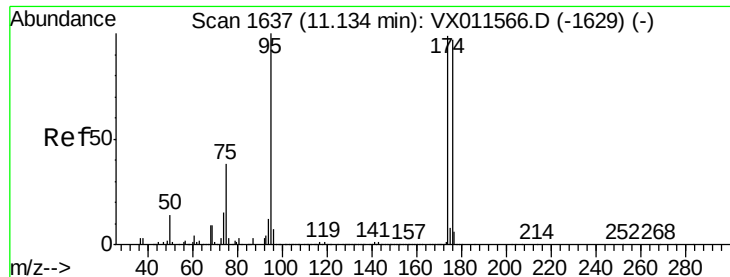
100 64.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.122 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011657.D

Acq: 20 Aug 2019 01:53

Instrument :

MSVOA_X

ClientSampled :

T8-A3-(2)

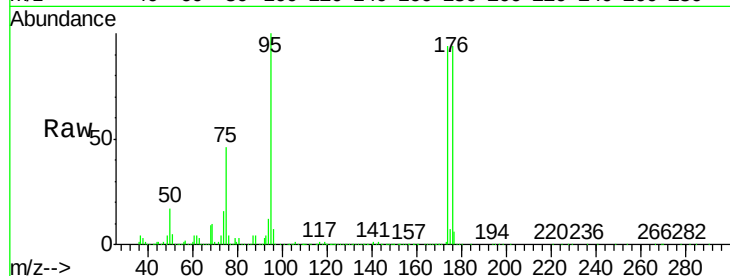
Tot Ion: 95 Resp: 237332

Ion Ratio Lower Upper

95 100

174 97.3 0.0 200.6

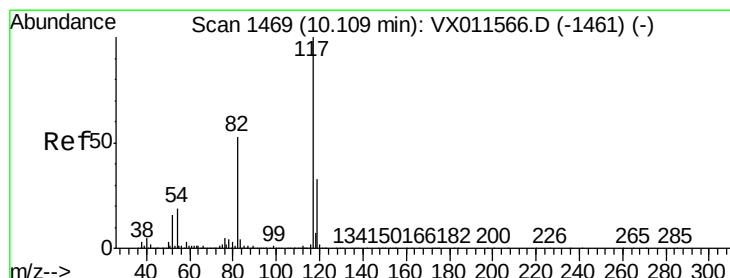
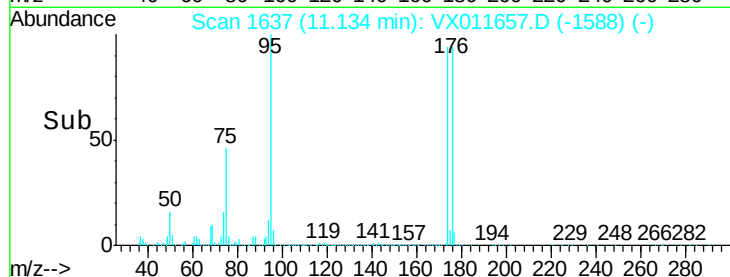
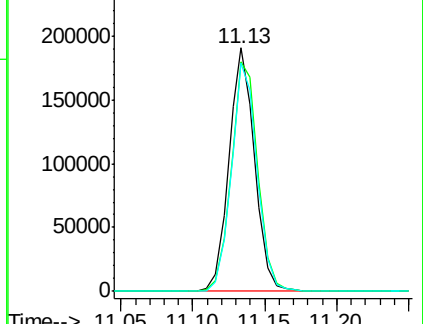
176 94.1 0.0 196.6



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: VX011657.D

Acq: 20 Aug 2019 01:53

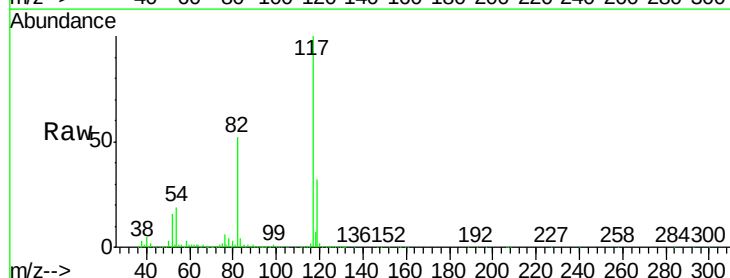
Tgt Ion: 117 Resp: 532138

Ion Ratio Lower Upper

117 100

82 52.3 42.0 63.0

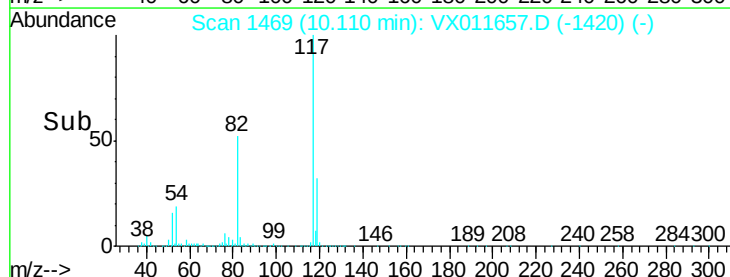
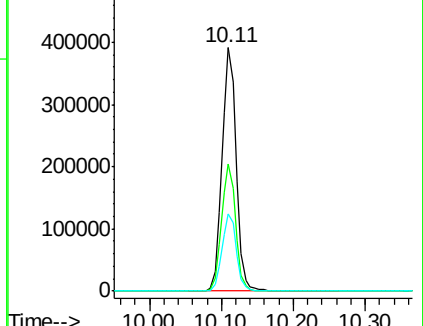
119 31.6 26.5 39.7

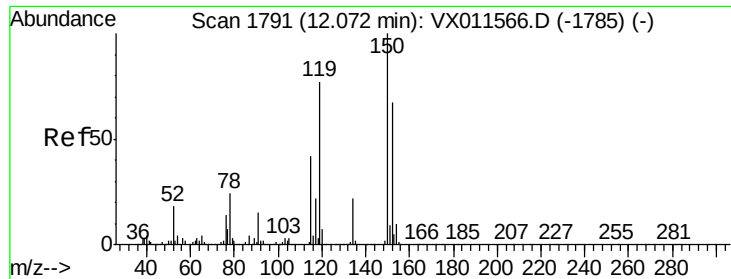


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX011657.D

Acq: 20 Aug 2019 01:53

Instrument :

MSVOA_X

ClientSampleId :

T8-A3-(2)

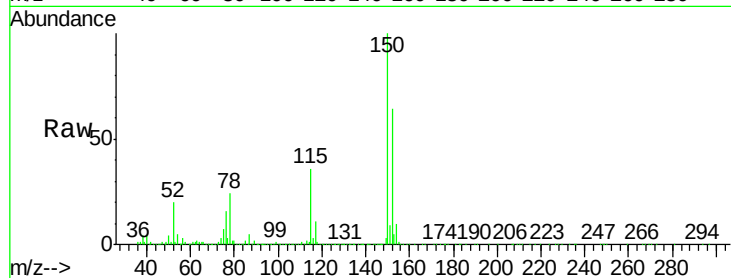
Tot Ion:152 Resp: 226681

Ion Ratio Lower Upper

152 100

115 54.7 37.3 111.9

150 155.0 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

