

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012219\
 Data File : VX007189.D
 Acq On : 22 Jan 2019 18:35
 Operator : JC/SP
 Sample : K1214-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW531-3337

Quant Time: Jan 23 01:34:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

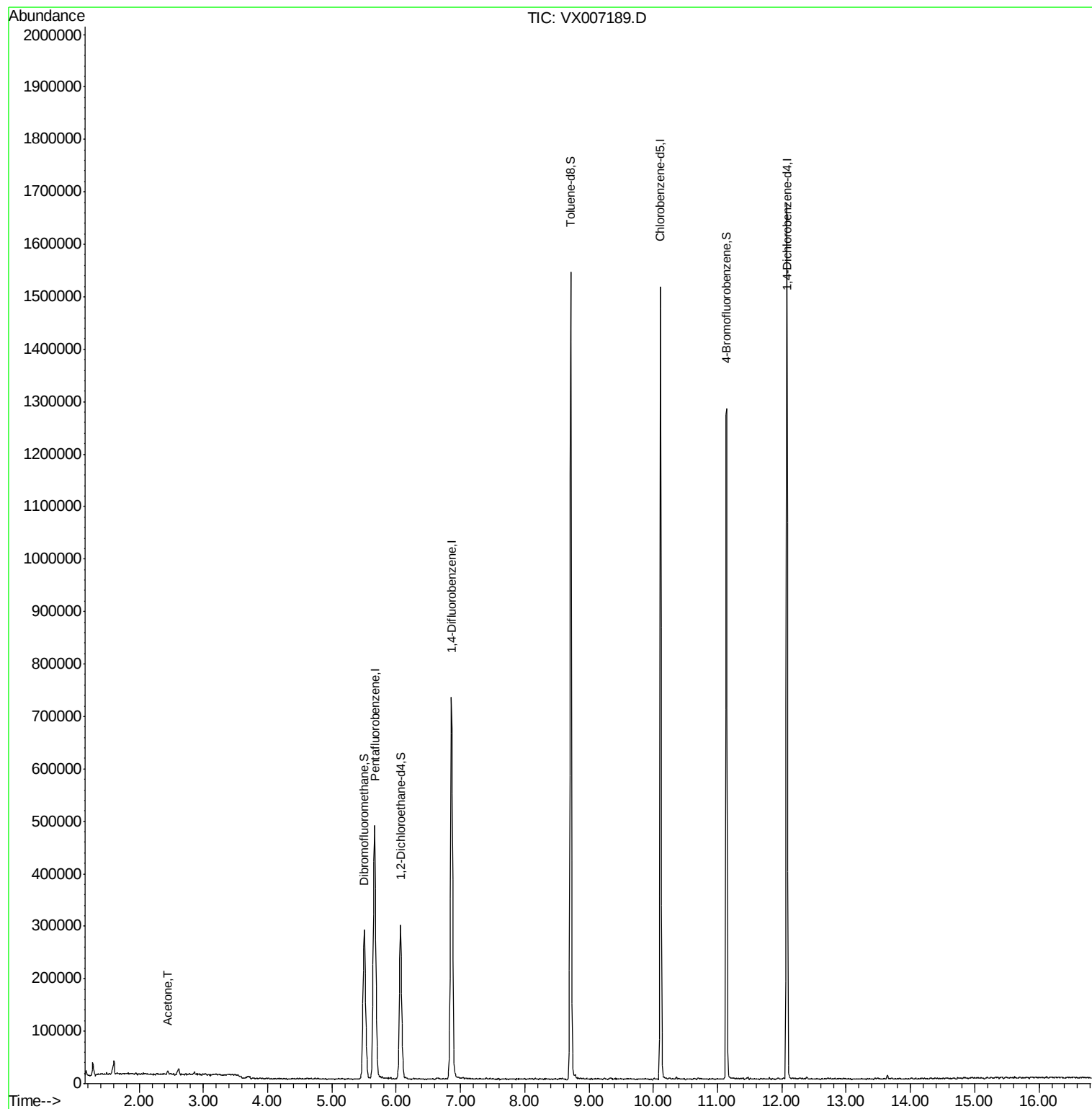
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	498043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	778528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	729124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	358717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	272112	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
35) Dibromofluoromethane	5.51	113	242482	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
50) Toluene-d8	8.71	98	929647	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.13	95	328009	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
Target Compounds						
16) Acetone	2.45	43	7977	3.100	ug/l	Qvalue 91

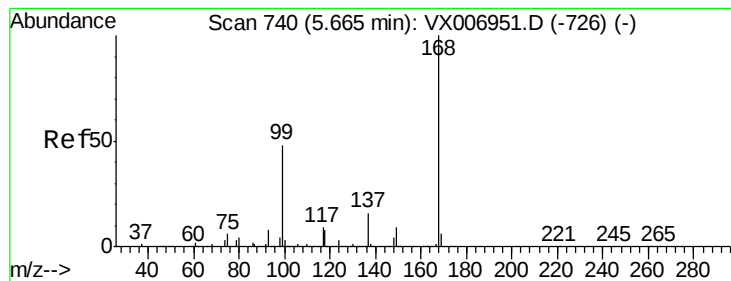
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

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MSVOA_X

ClientSampleId :

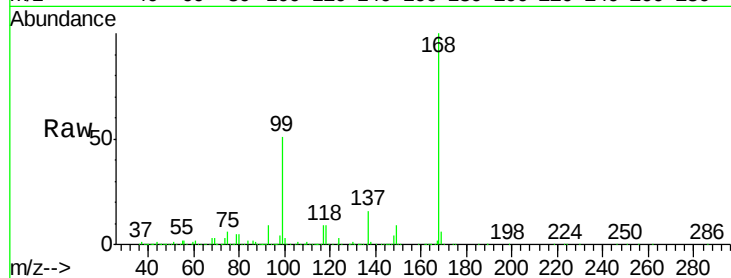
SA-TW531-3337

Tot Ion:168 Resp: 498043

Ion Ratio Lower Upper

168 100

99 50.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

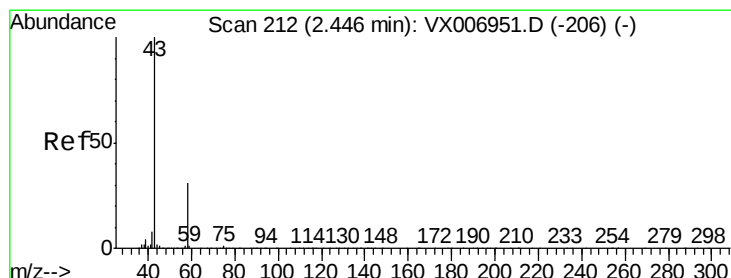
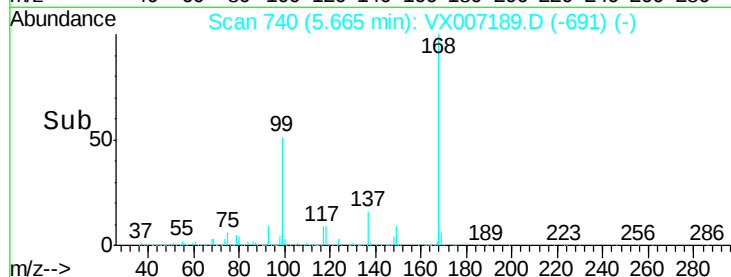
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.100 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007189.D

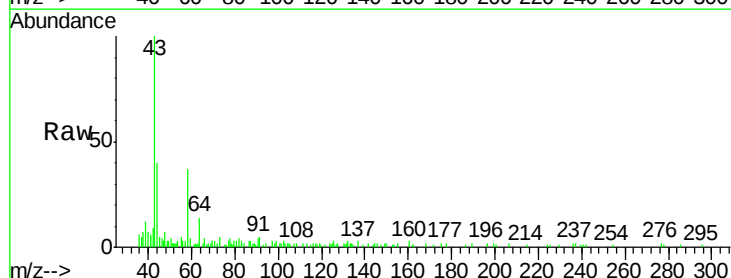
Acq: 22 Jan 2019 18:35

Tgt Ion: 43 Resp: 7977

Ion Ratio Lower Upper

43 100

58 36.3 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

3000

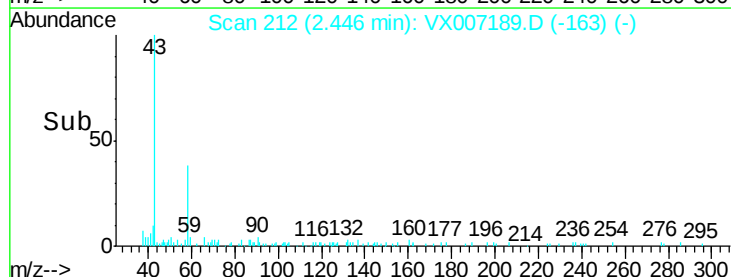
2000

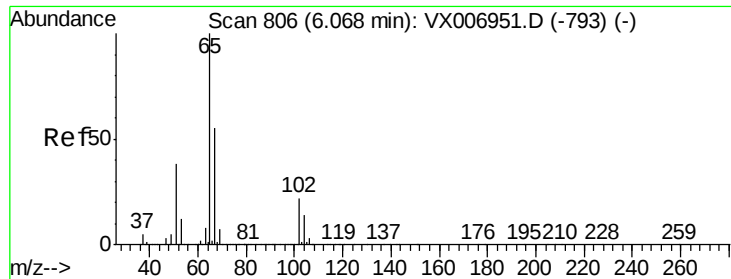
1000

0

Time-->

2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 52.279 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007189.D

Acq: 22 Jan 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

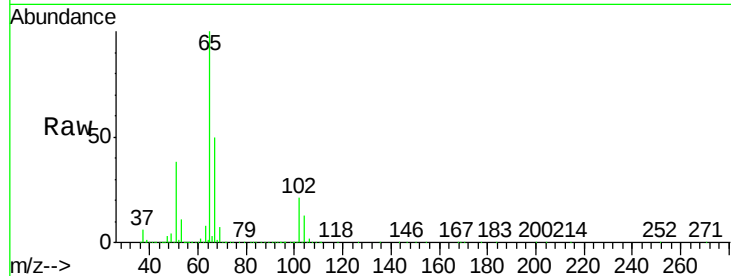
SA-TW531-3337

Tot Ion: 65 Resp: 272112

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

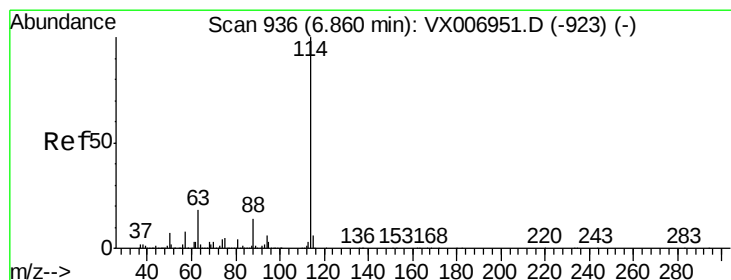
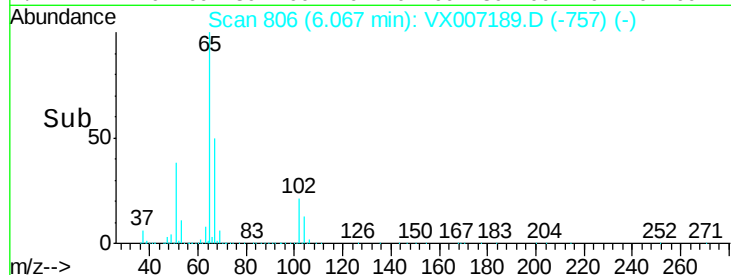
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007189.D

Acq: 22 Jan 2019 18:35

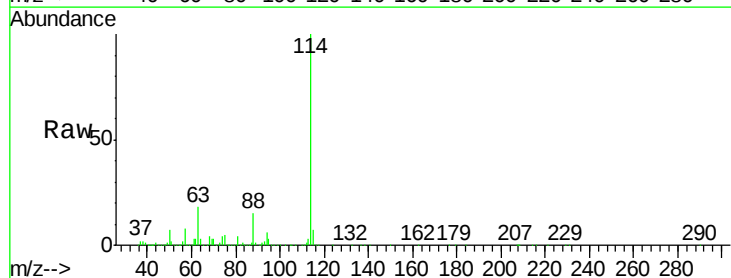
Tgt Ion: 114 Resp: 778528

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

88 14.9 0.0 28.8



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

6.86

400000

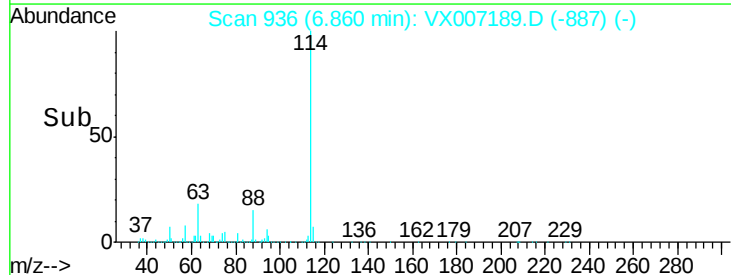
300000

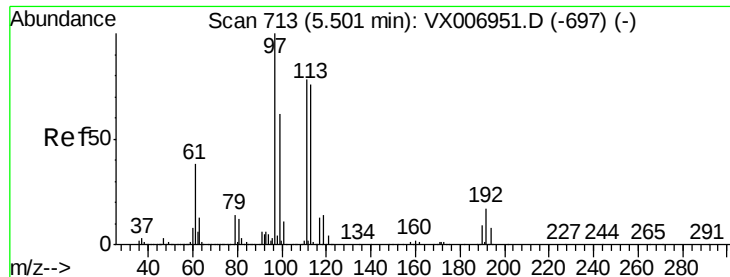
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.636 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007189.D

Acq: 22 Jan 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

SA-TW531-3337

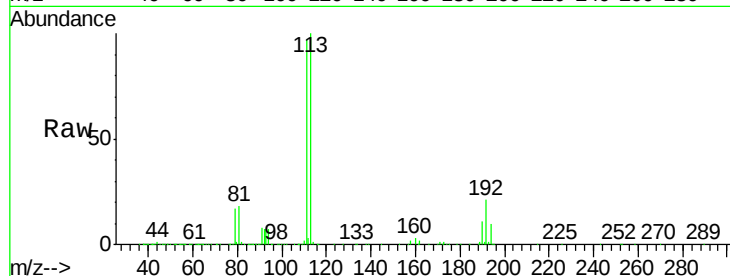
Tot Ion:113 Resp: 242482

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

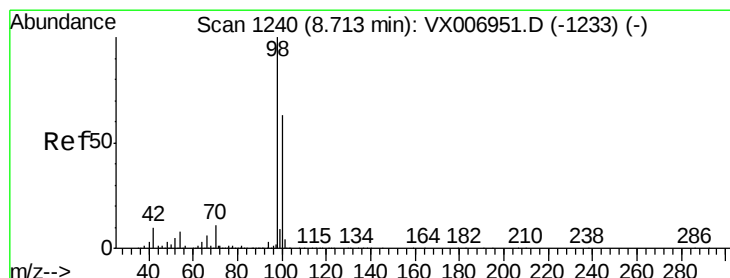
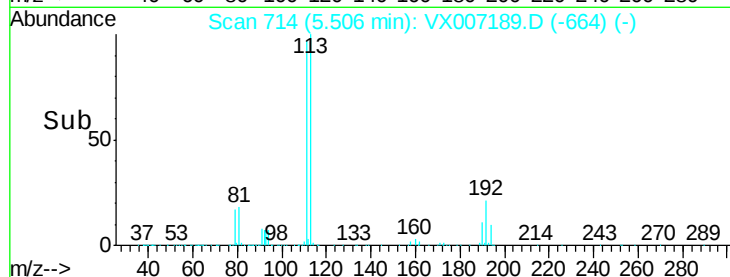
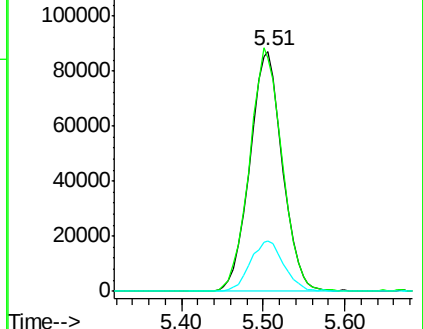
192 21.8 16.7 25.1



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: 50.942 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007189.D

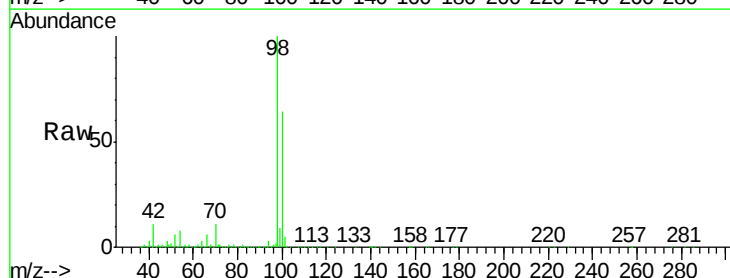
Acq: 22 Jan 2019 18:35

Tgt Ion: 98 Resp: 929647

Ion Ratio Lower Upper

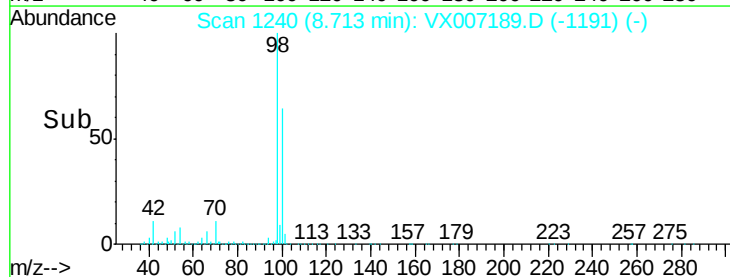
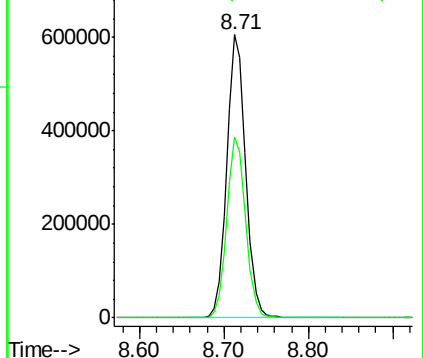
98 100

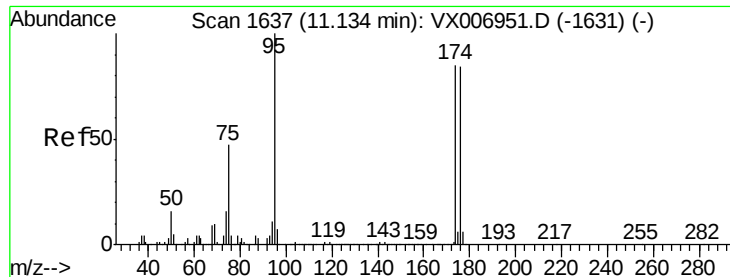
100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 51.557 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007189.D

Acq: 22 Jan 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

SA-TW531-3337

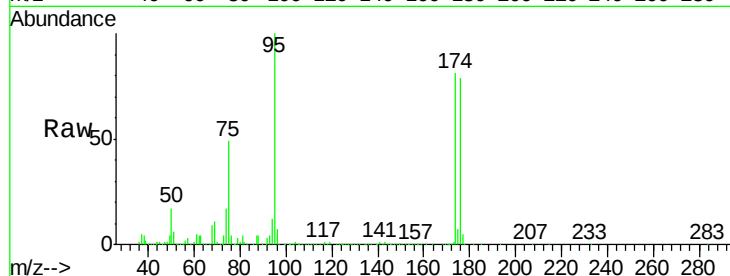
Tot Ion: 95 Resp: 328009

Ion Ratio Lower Upper

95 100

174 91.9 0.0 182.2

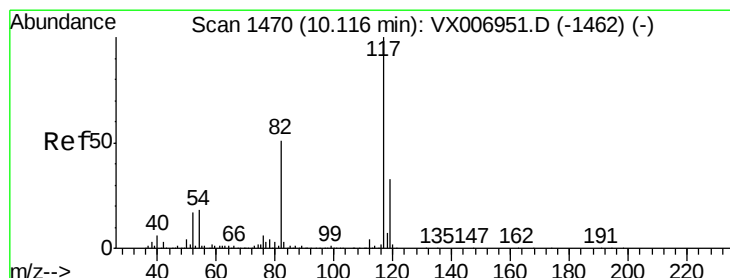
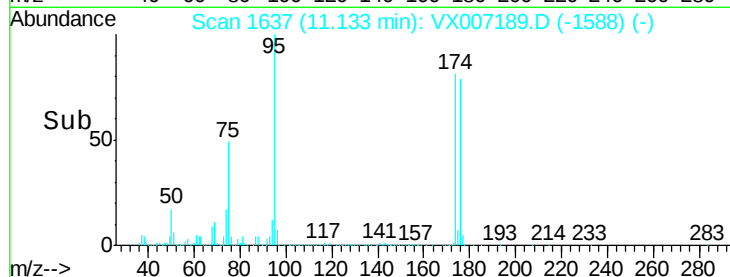
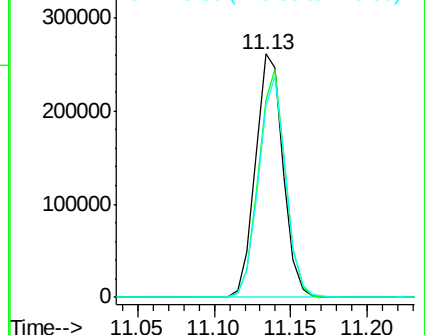
176 89.3 0.0 178.8



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: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007189.D

Acq: 22 Jan 2019 18:35

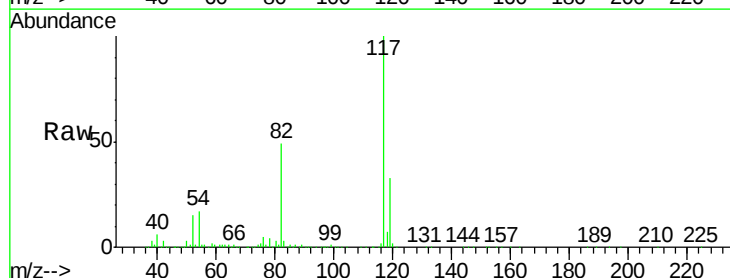
Tgt Ion: 117 Resp: 729124

Ion Ratio Lower Upper

117 100

82 48.6 41.0 61.6

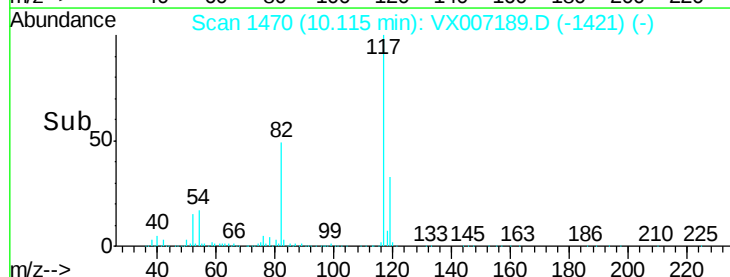
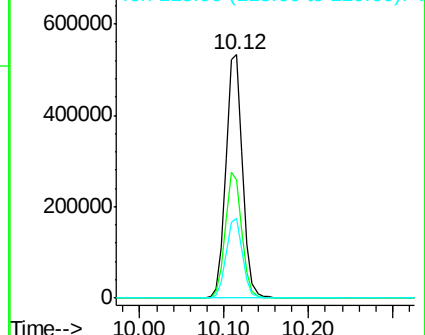
119 32.8 25.4 38.0

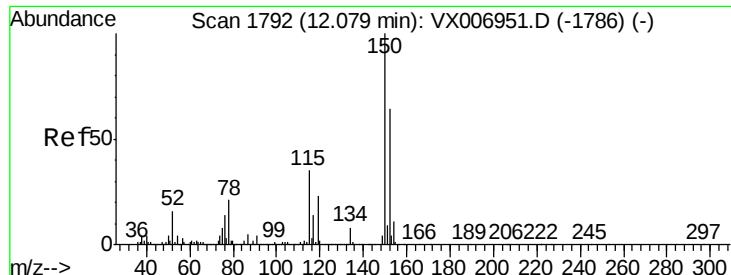


Abundance Ion 116.90 (116.60 to 117.60): V

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. -0.00 min

Lab File: VX007189.D

Acq: 22 Jan 2019 18:35

Instrument :

MSVOA_X

ClientSampleId :

SA-TW531-3337

Tot Ion:152 Resp: 358717

Ion Ratio Lower Upper

152 100

115 54.7 39.1 117.2

150 156.0 0.0 344.8

