

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006678.D
 Acq On : 20 Dec 2018 16:14
 Operator : JC/MD
 Sample : J6484-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 972-MW-16(22.5)

Quant Time: Dec 21 04:17:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

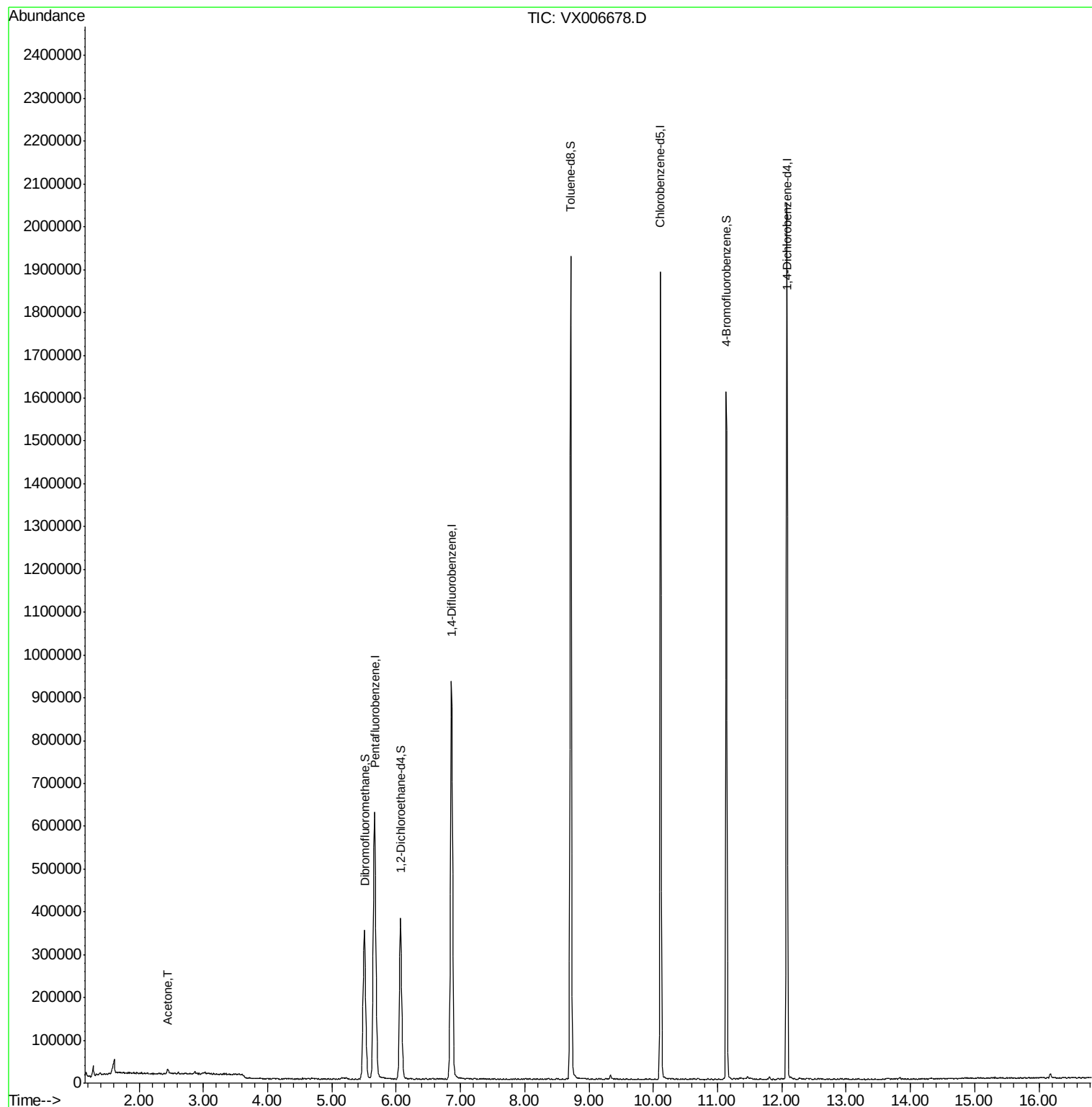
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	639564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1000109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	930145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	439539	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	349316	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
35) Dibromofluoromethane	5.51	113	297186	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	8.71	98	1196293	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.13	95	428505	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
Target Compounds						
16) Acetone	2.45	43	12906	4.075	ug/l	Qvalue 94

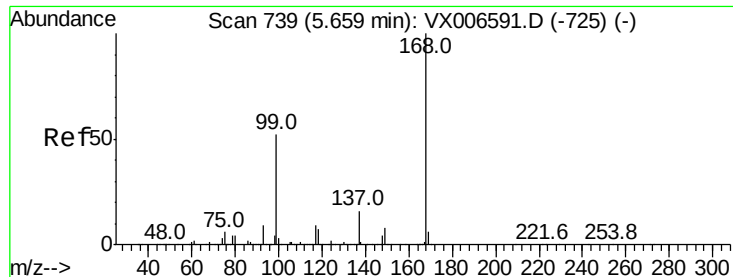
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006678.D

Acq: 20 Dec 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

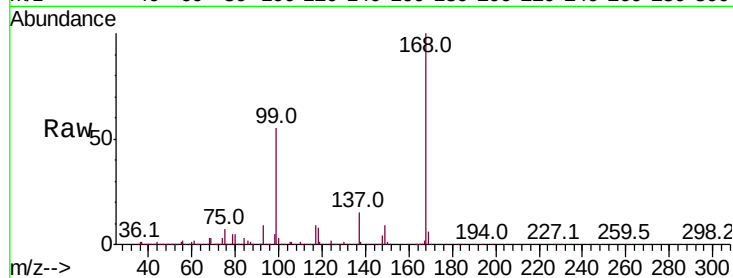
972-MW-16(22.5)

Tot Ion:168 Resp: 639564

Ion Ratio Lower Upper

168 100

99 54.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

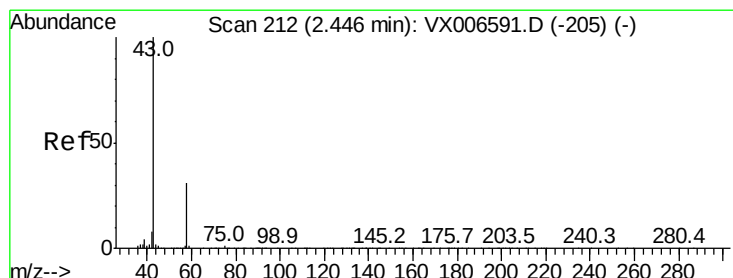
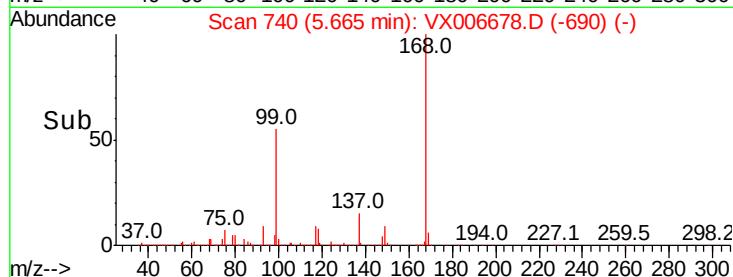
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.075 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006678.D

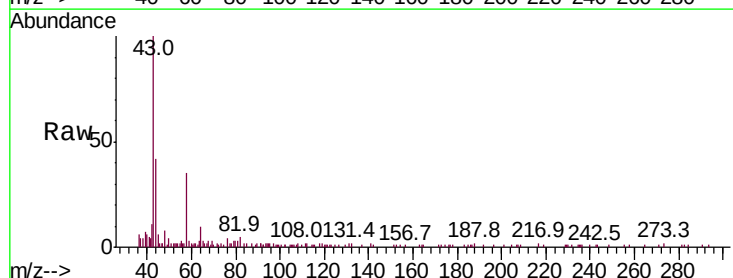
Acq: 20 Dec 2018 16:14

Tgt Ion: 43 Resp: 12906

Ion Ratio Lower Upper

43 100

58 34.7 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

8000

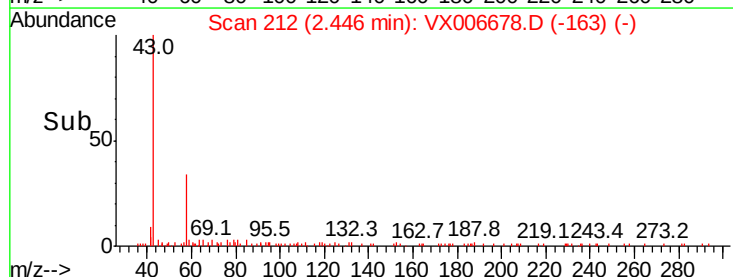
6000

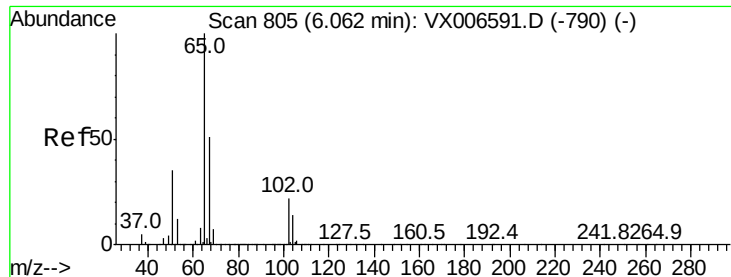
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.677 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006678.D

Acq: 20 Dec 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

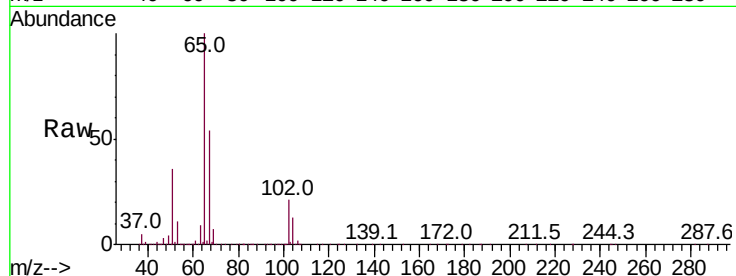
972-MW-16(22.5)

Tot Ion: 65 Resp: 349316

Ion Ratio Lower Upper

65 100

67 53.1 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

150000

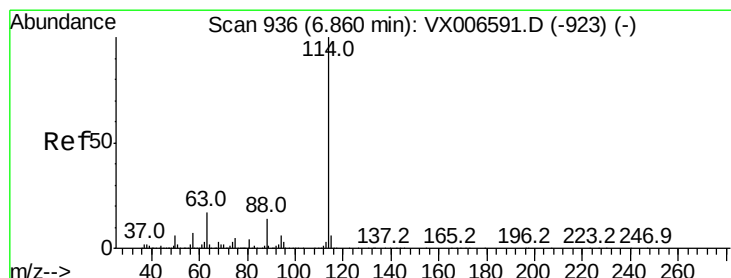
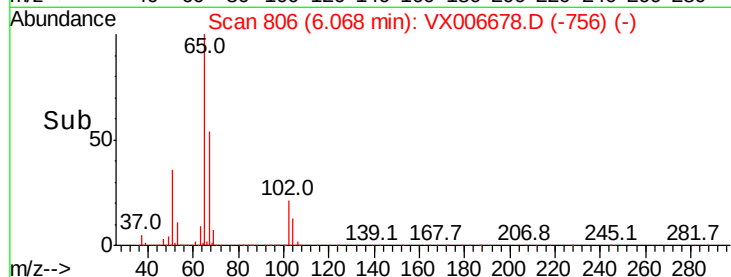
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006678.D

Acq: 20 Dec 2018 16:14

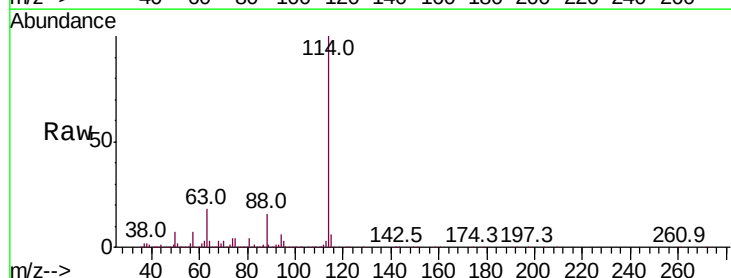
Tgt Ion:114 Resp: 1000109

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

88 15.8 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

500000

400000

300000

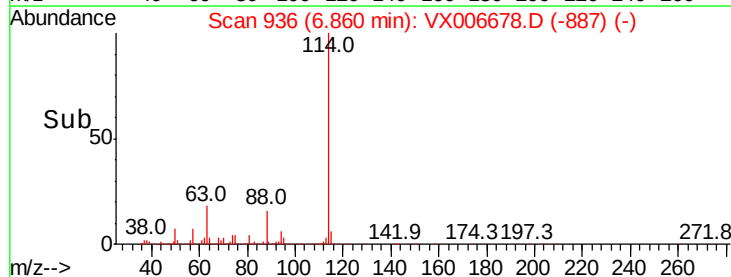
200000

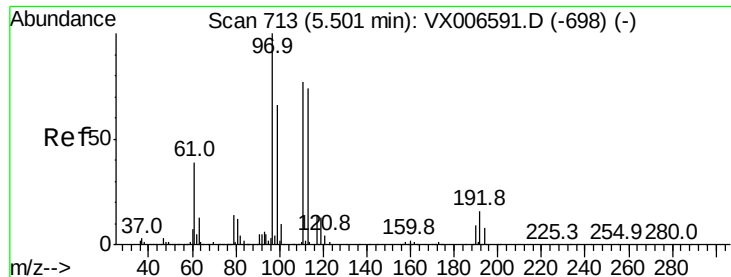
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 46.990 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006678.D

Acq: 20 Dec 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

972-MW-16(22.5)

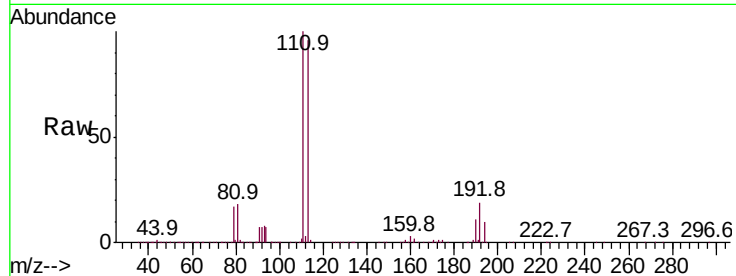
Tot Ion:113 Resp: 297186

Ion Ratio Lower Upper

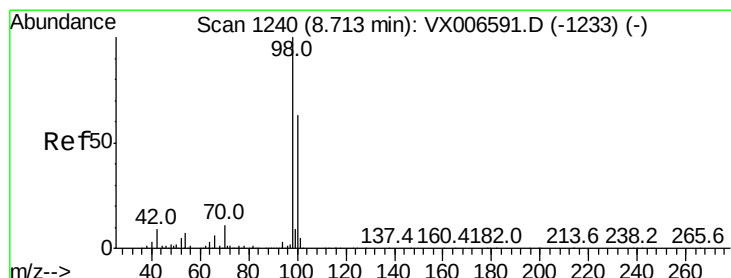
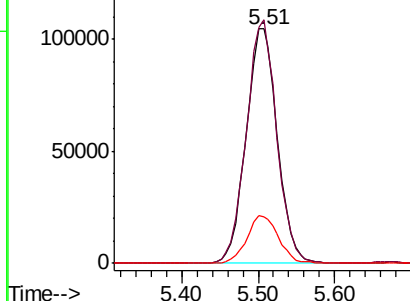
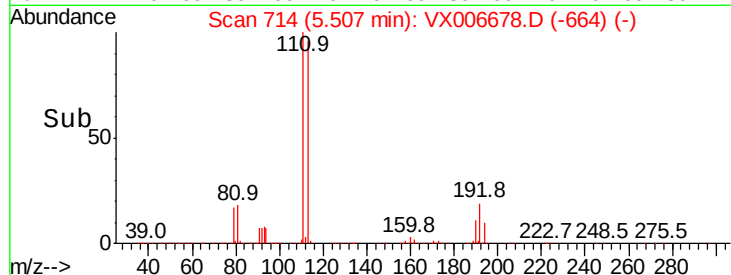
113 100

111 101.4 81.6 122.4

192 20.6 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: 50.173 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006678.D

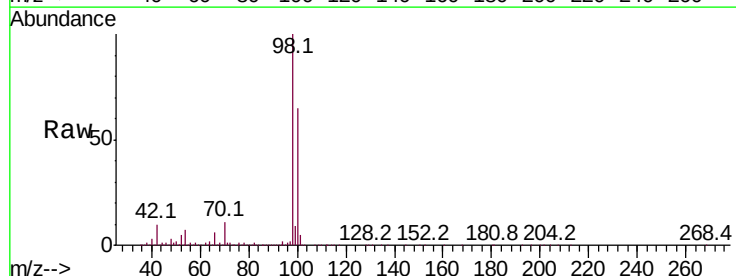
Acq: 20 Dec 2018 16:14

Tgt Ion: 98 Resp: 1196293

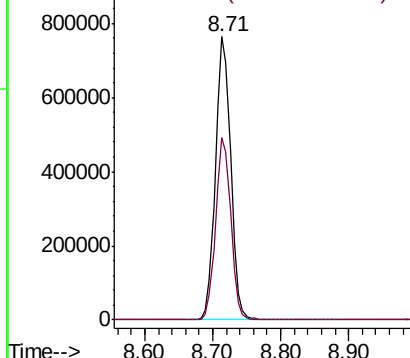
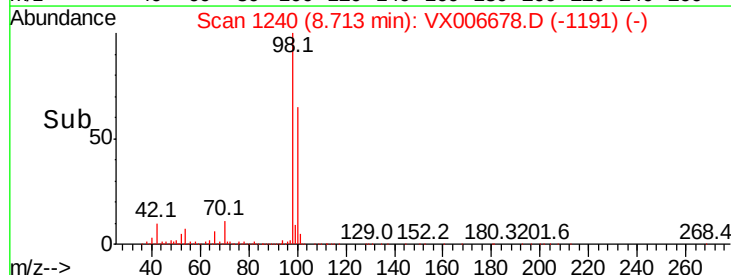
Ion Ratio Lower Upper

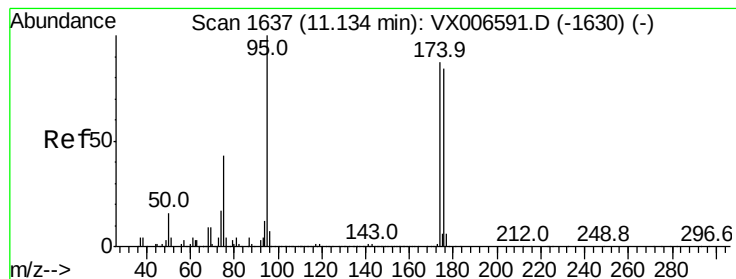
98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.070 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006678.D

Acq: 20 Dec 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

972-MW-16(22.5)

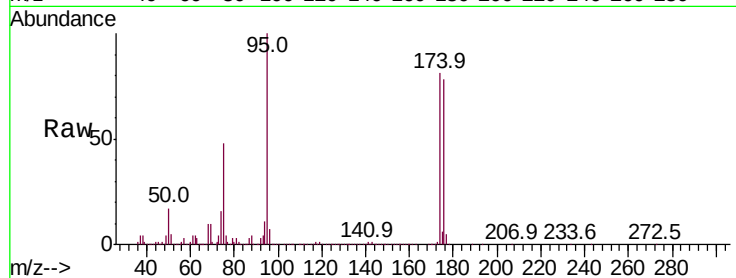
Tot Ion: 95 Resp: 428505

Ion Ratio Lower Upper

95 100

174 85.9 0.0 182.2

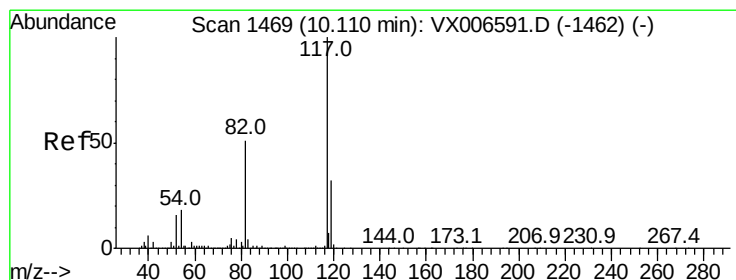
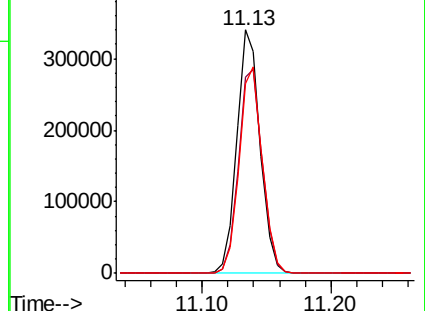
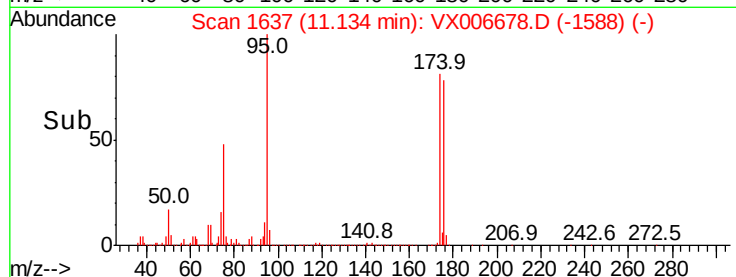
176 84.4 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006678.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006678.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006678.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006678.D

Acq: 20 Dec 2018 16:14

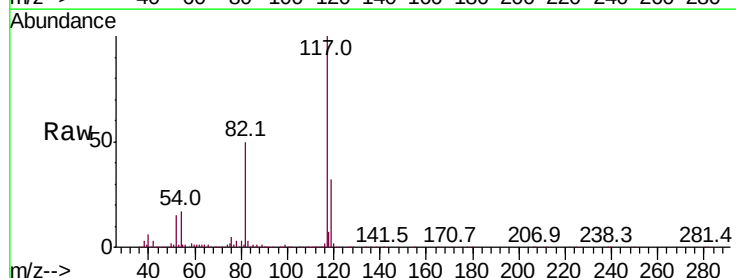
Tgt Ion: 117 Resp: 930145

Ion Ratio Lower Upper

117 100

82 50.2 41.0 61.6

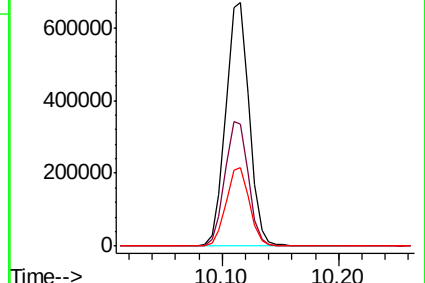
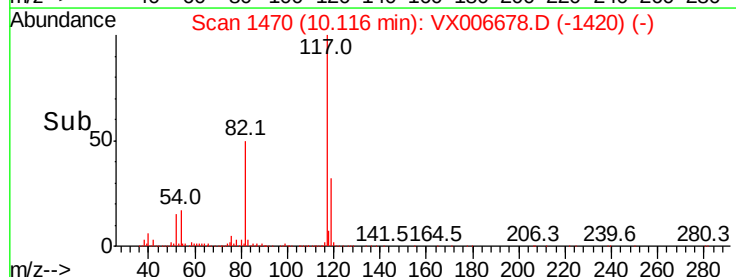
119 32.3 25.4 38.0

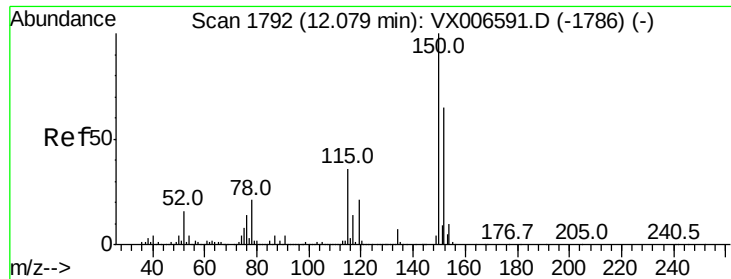


Abundance Ion 116.90 (116.60 to 117.60): VX006678.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006678.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006678.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006678.D

Acq: 20 Dec 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

972-MW-16(22.5)

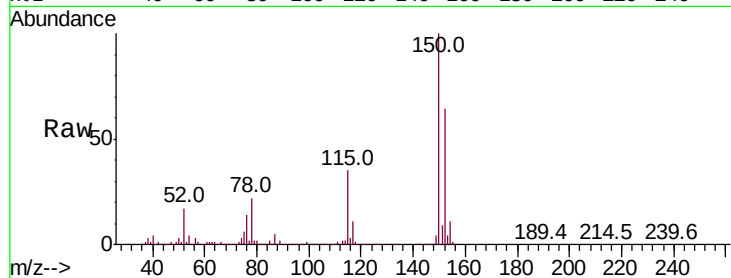
Tot Ion:152 Resp: 439539

Ion Ratio Lower Upper

152 100

115 56.6 39.1 117.2

150 157.6 0.0 344.8



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

