

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX011819\
 Data File : VX007141.D
 Acq On : 18 Jan 2019 18:02
 Operator : JC/SP
 Sample : K1199-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW518-4246

Quant Time: Jan 28 01:27:14 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

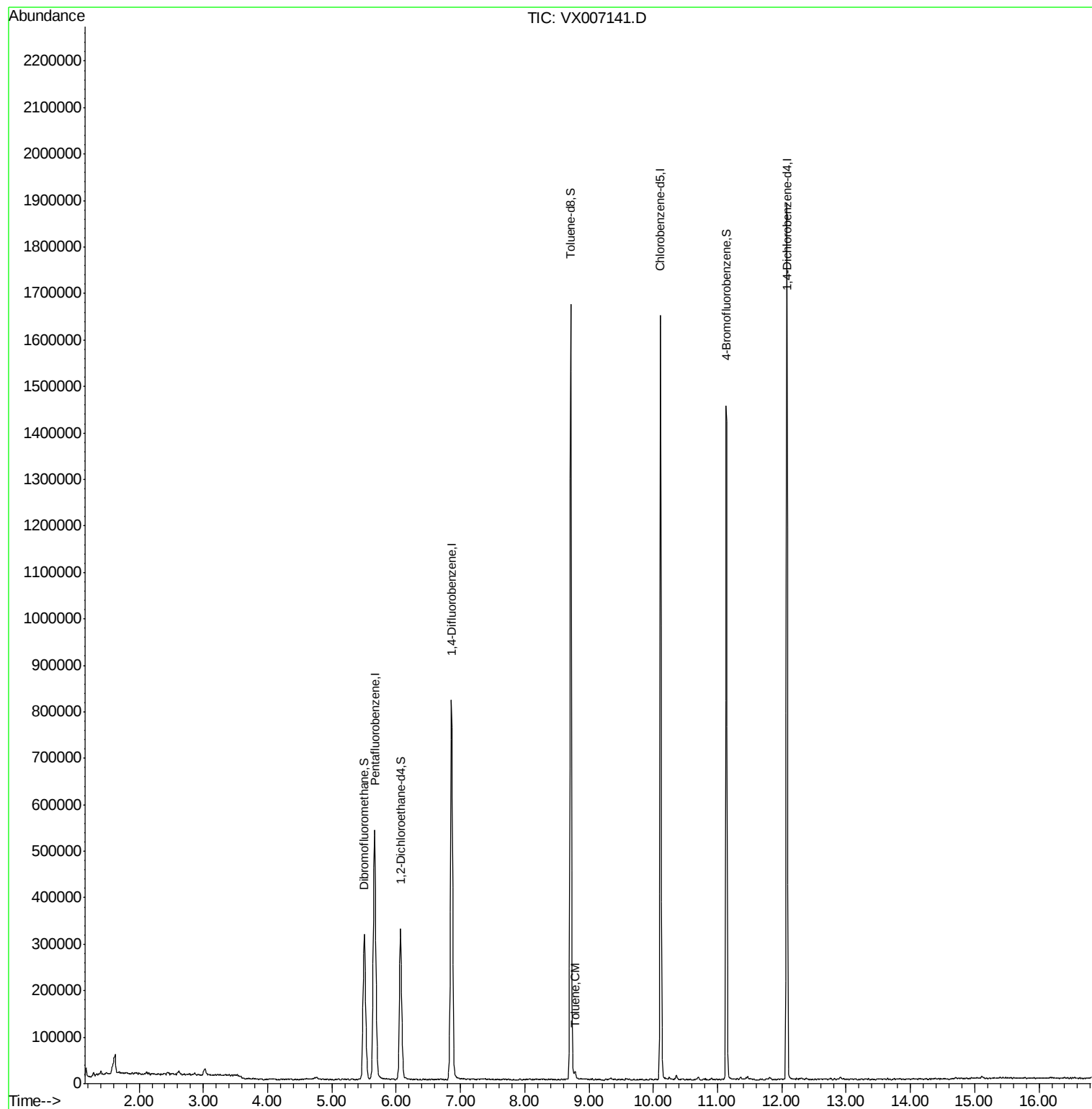
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	560756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	866382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	808362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	402183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	297332	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
35) Dibromofluoromethane	5.51	113	265320	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	8.71	98	1026779	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.13	95	373237	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
Target Compounds						
52) Toluene	8.79	92	5397	0.365	ug/l	Qvalue 89

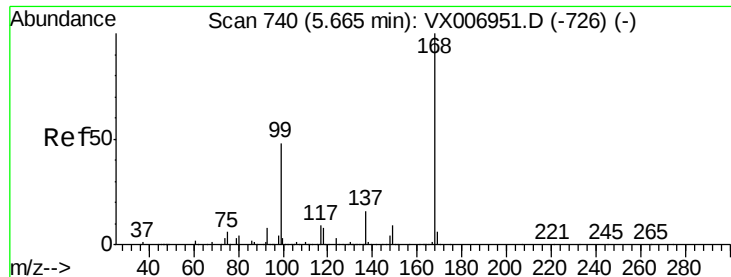
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007141.D

Acq: 18 Jan 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

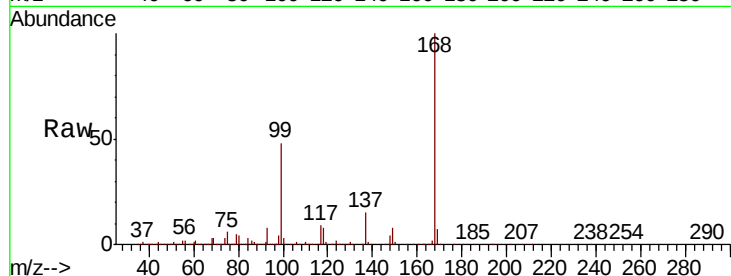
SA-TW518-4246

Tot Ion:168 Resp: 560756

Ion Ratio Lower Upper

168 100

99 48.0 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

200000

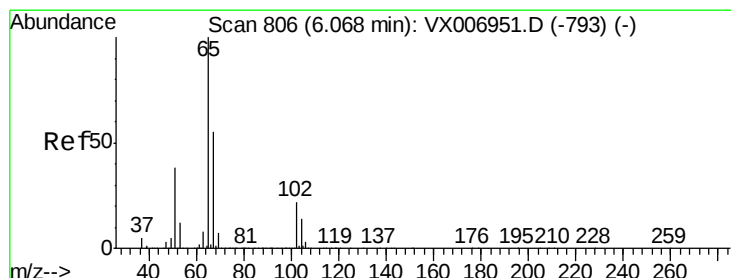
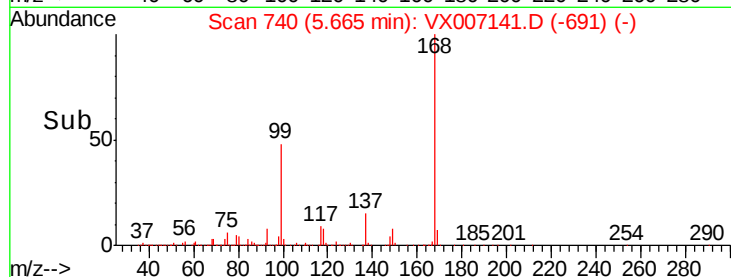
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.736 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007141.D

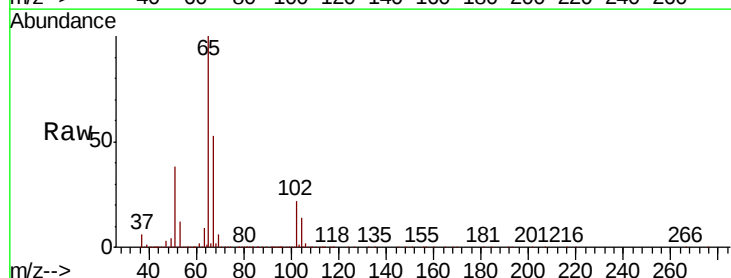
Acq: 18 Jan 2019 18:02

Tgt Ion: 65 Resp: 297332

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

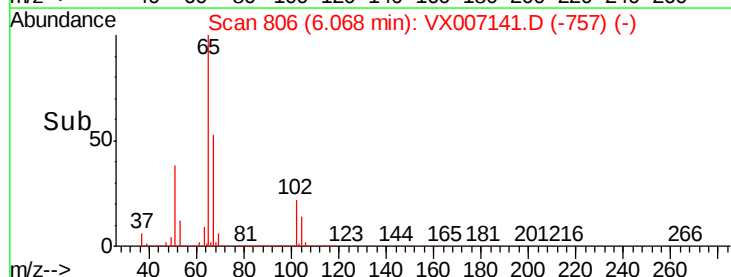
6.07

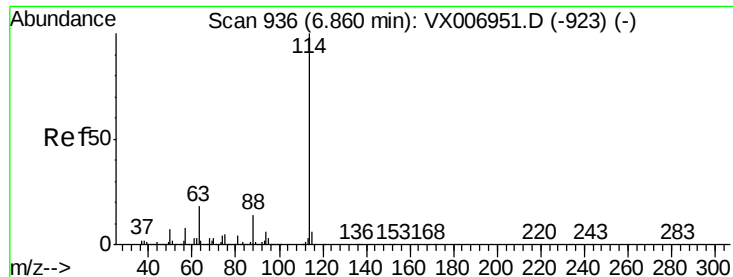
100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007141.D

Acq: 18 Jan 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

SA-TW518-4246

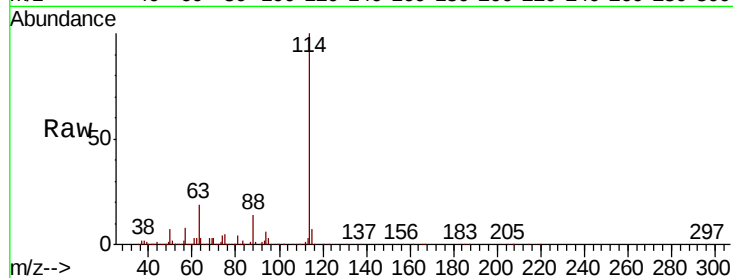
Tot Ion:114 Resp: 866382

Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.8

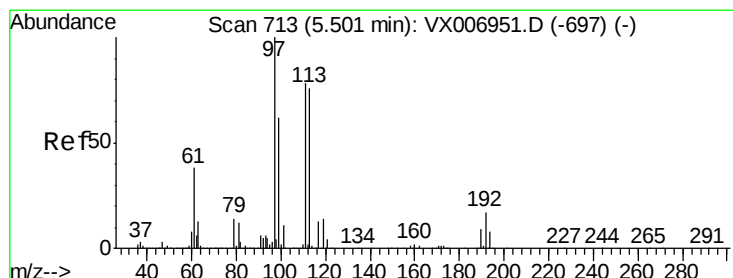
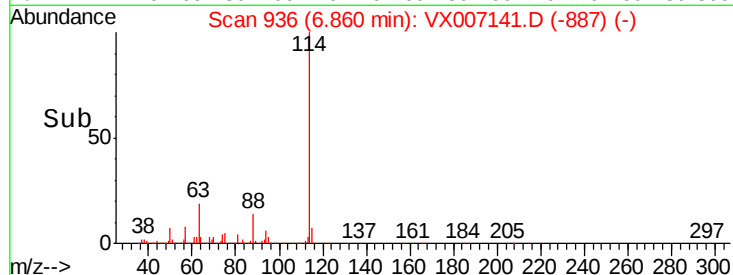
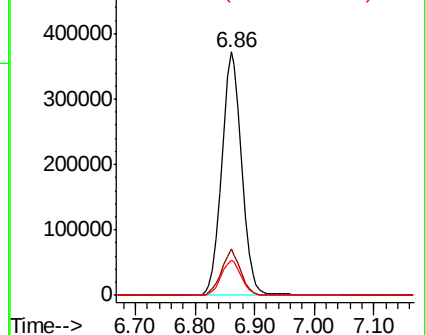
88 14.3 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 47.820 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007141.D

Acq: 18 Jan 2019 18:02

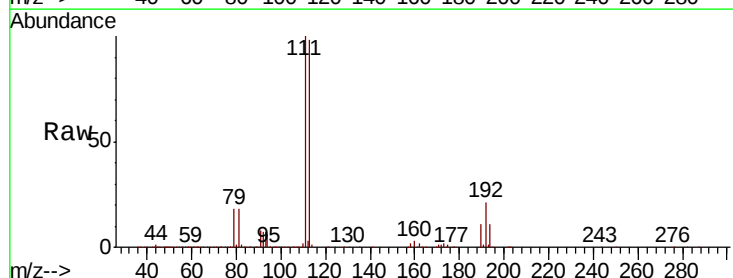
Tgt Ion:113 Resp: 265320

Ion Ratio Lower Upper

113 100

111 100.7 81.6 122.4

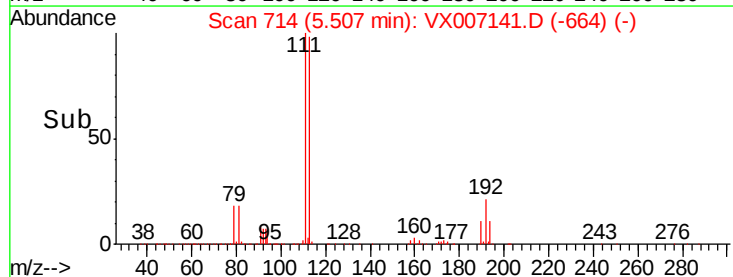
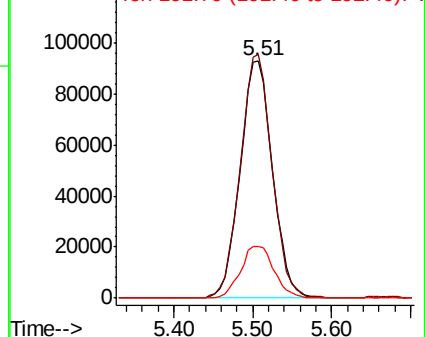
192 22.6 16.7 25.1

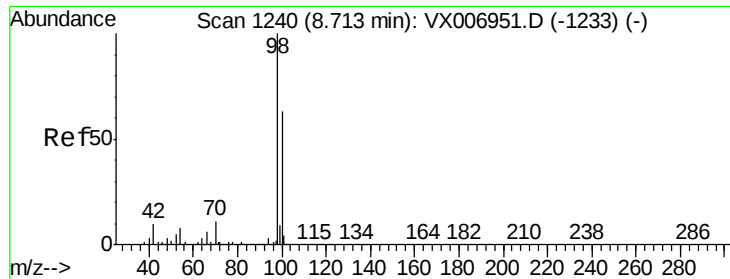


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.559 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007141.D

Acq: 18 Jan 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

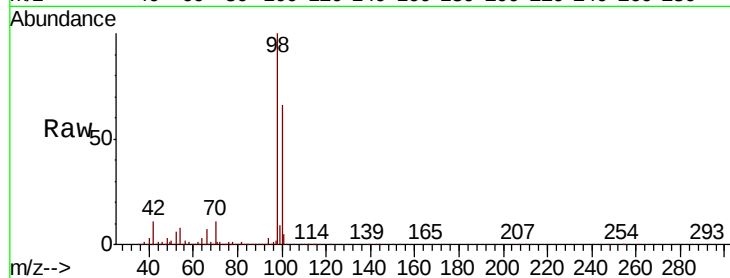
SA-TW518-4246

Tot Ion: 98 Resp: 1026779

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

600000

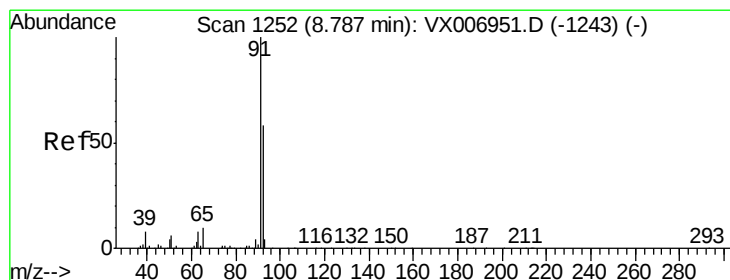
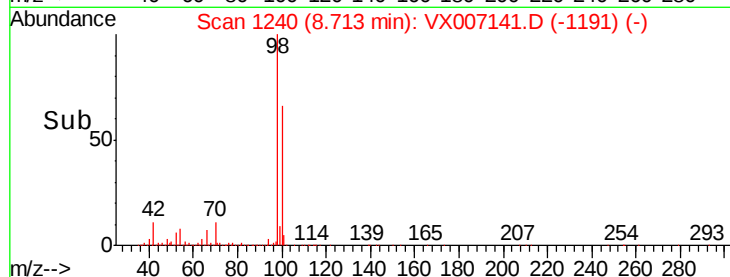
400000

200000

0

8.60 8.70 8.80 8.90

Time-->



#52

Toluene

Concen: 0.365 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007141.D

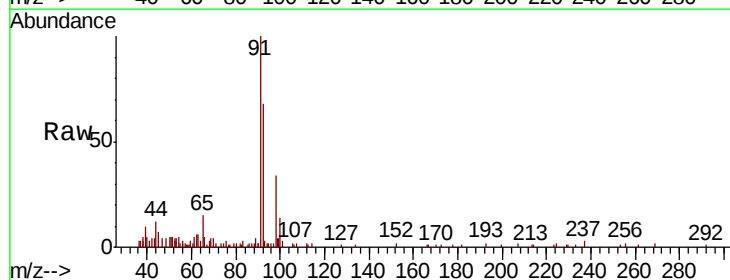
Acq: 18 Jan 2019 18:02

Tgt Ion: 92 Resp: 5397

Ion Ratio Lower Upper

92 100

91 156.5 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

6000

5000

4000

3000

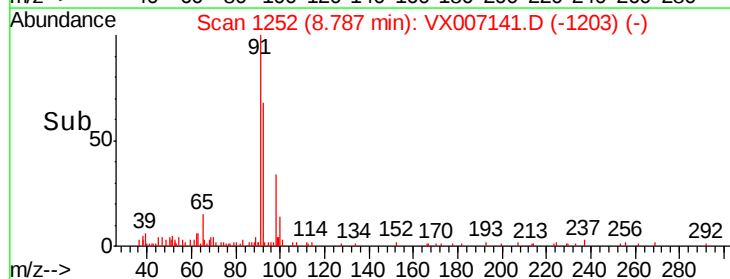
2000

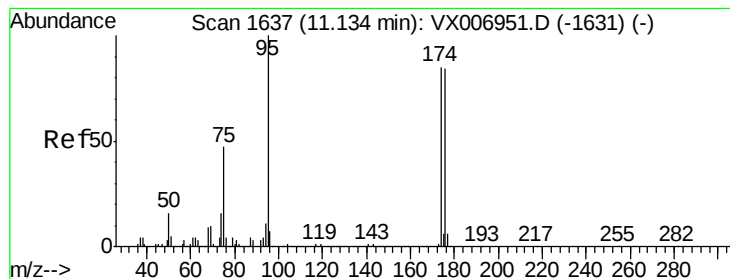
1000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 52.717 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007141.D

Acq: 18 Jan 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

SA-TW518-4246

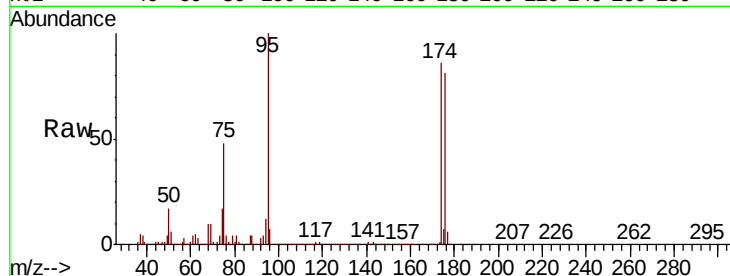
Tot Ion: 95 Resp: 373237

Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.2

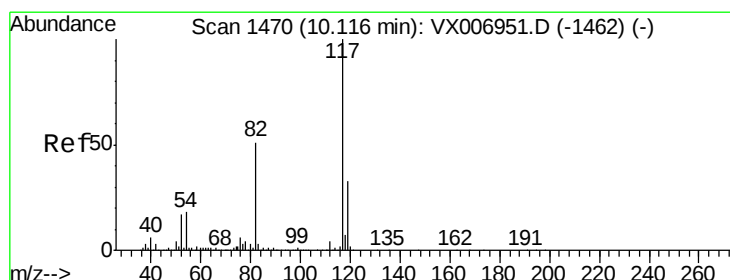
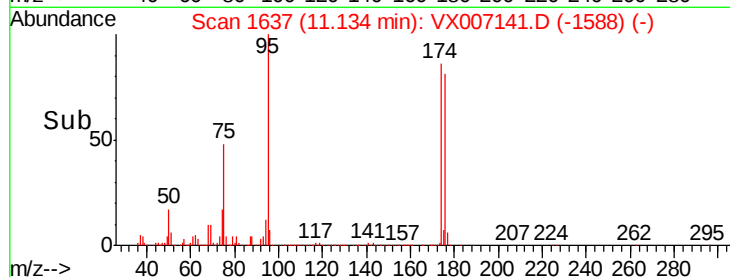
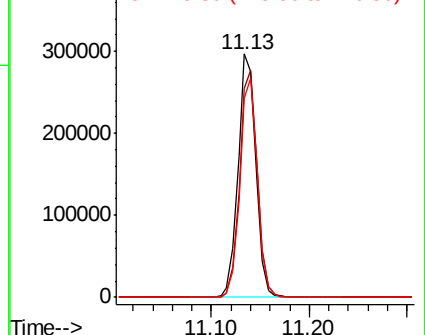
176 88.5 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007141.D

Acq: 18 Jan 2019 18:02

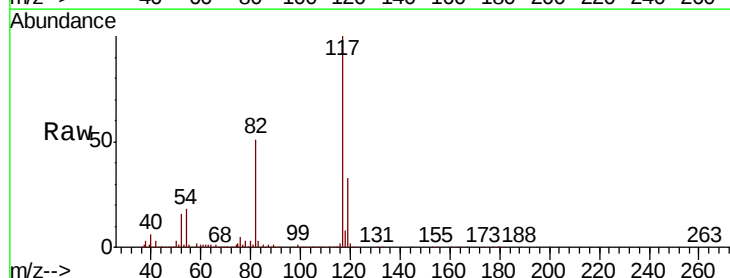
Tgt Ion: 117 Resp: 808362

Ion Ratio Lower Upper

117 100

82 51.3 41.0 61.6

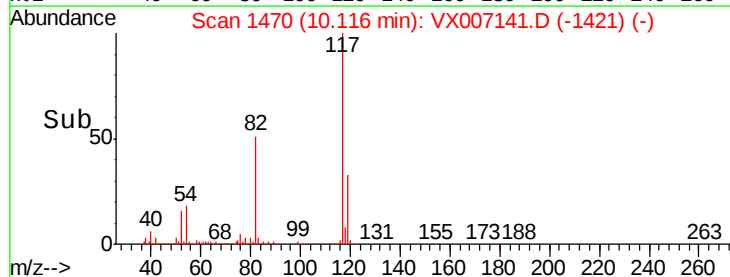
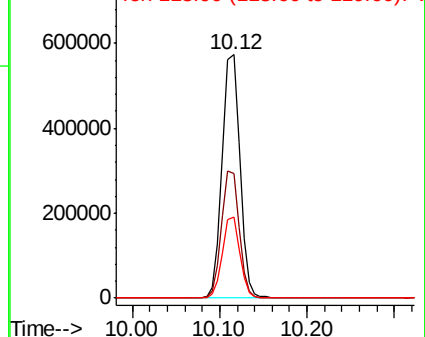
119 33.3 25.4 38.0

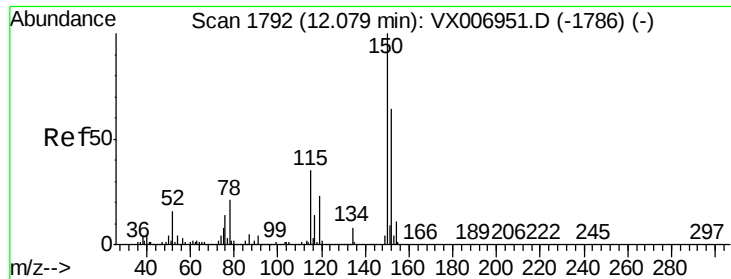


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007141.D

Acq: 18 Jan 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

SA-TW518-4246

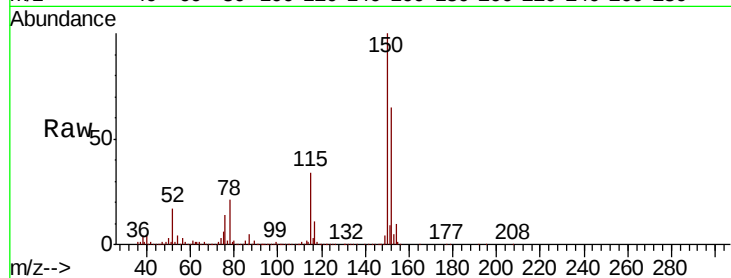
Tot Ion:152 Resp: 402183

Ion Ratio Lower Upper

152 100

115 54.6 39.1 117.2

150 156.6 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

