

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012219\
 Data File : VX007183.D
 Acq On : 22 Jan 2019 15:55
 Operator : JC/SP
 Sample : K1214-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW526-4246

Quant Time: Jan 23 01:20:12 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

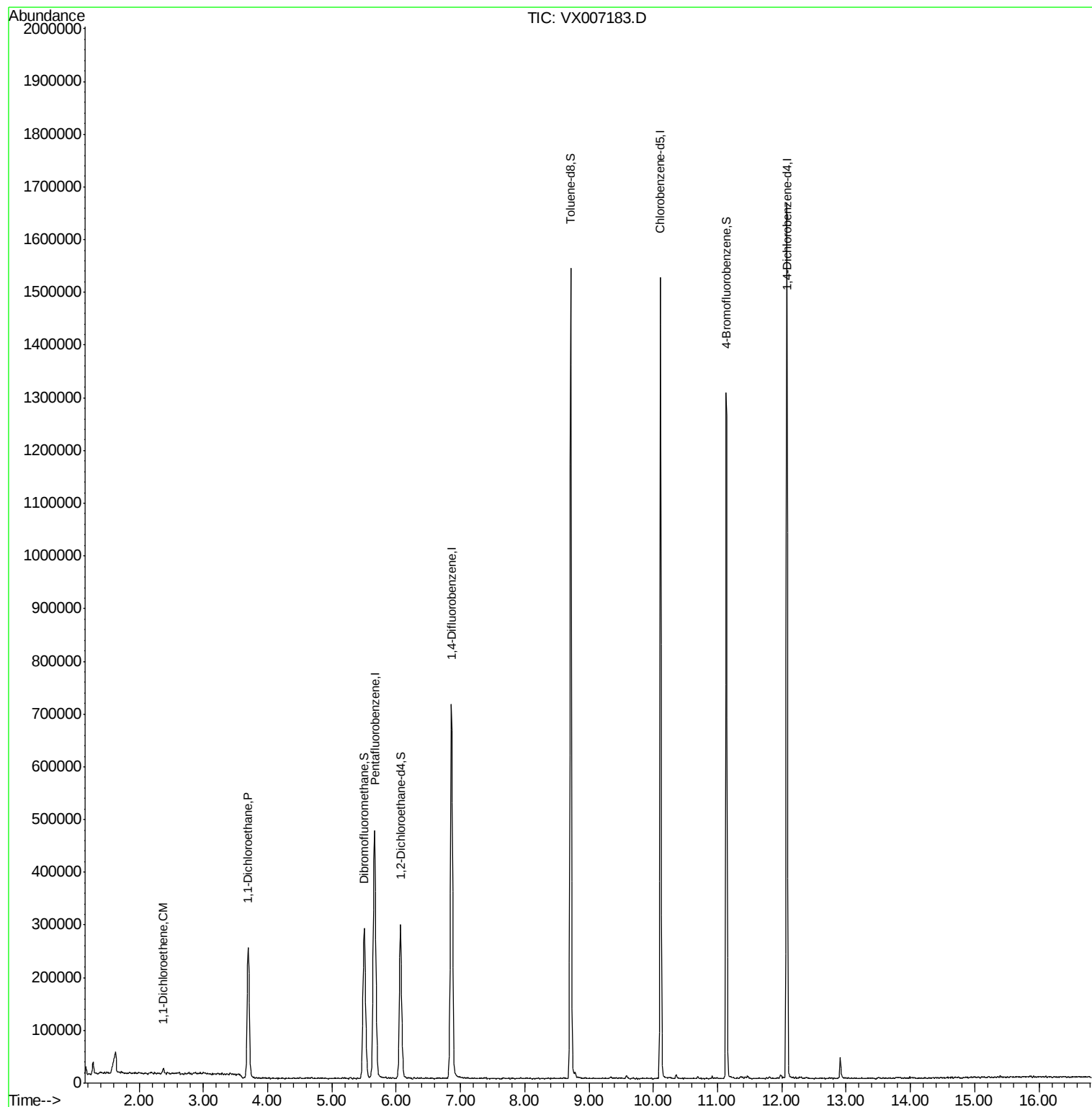
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	497809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	771733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	725534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	363760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	269243	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
35) Dibromofluoromethane	5.50	113	241786	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	8.71	98	917048	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	333850	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
Target Compounds						
12) 1,1-Dichloroethene	2.38	96	4262	0.932	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	280305	34.006	ug/l	99

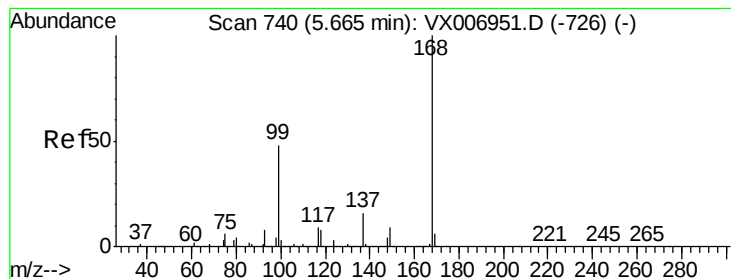
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007183.D

Acq: 22 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

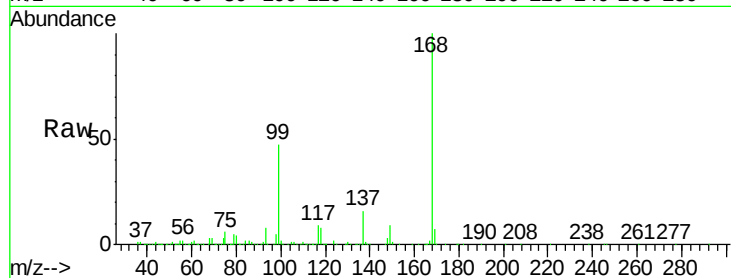
SA-TW526-4246

Tot Ion:168 Resp: 497809

Ion Ratio Lower Upper

168 100

99 47.3 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

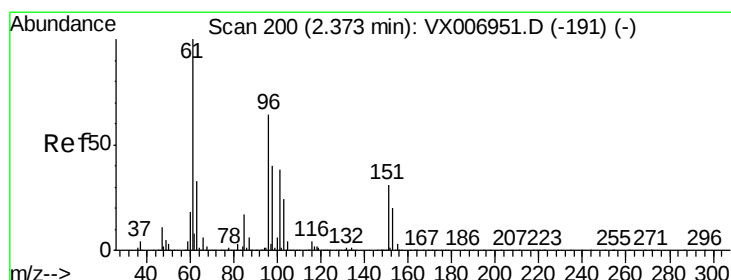
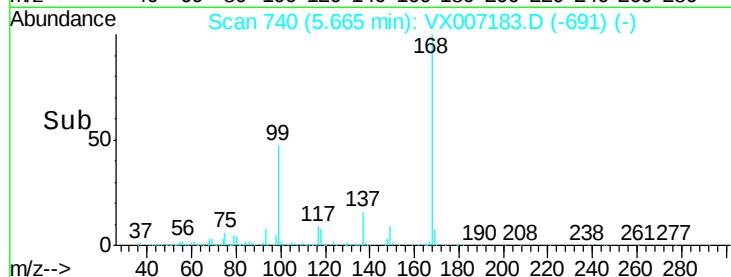
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.932 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007183.D

Acq: 22 Jan 2019 15:55

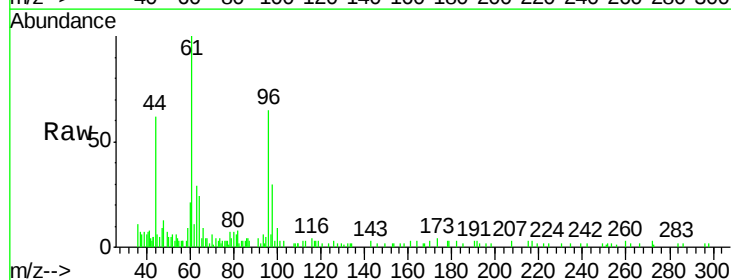
Tgt Ion: 96 Resp: 4262

Ion Ratio Lower Upper

96 100

61 145.5 121.4 182.2

98 43.7 51.9 77.9#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

2.38

4000

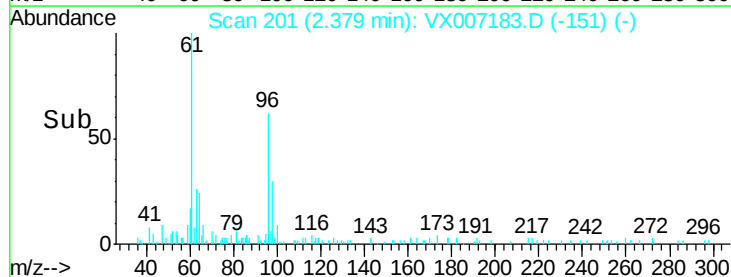
3000

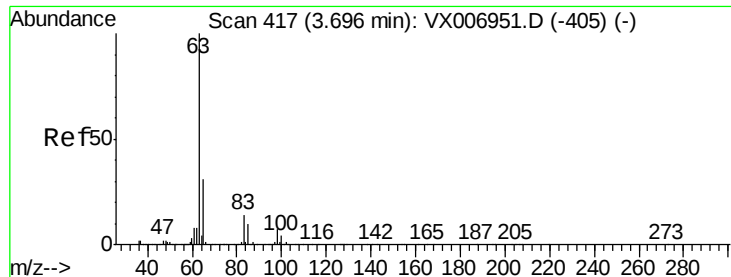
2000

1000

0

Time--> 2.35 2.40 2.45





#24

1,1-Dichloroethane

Concen: 34.006 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007183.D

Acq: 22 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

SA-TW526-4246

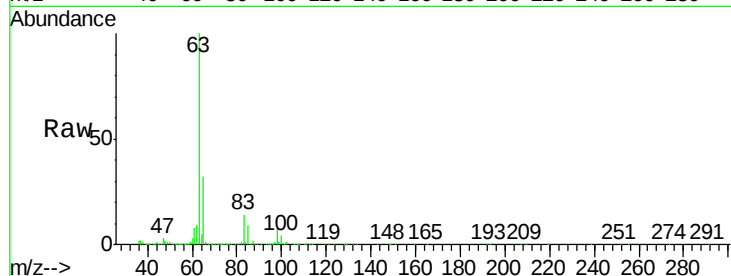
Tot Ion: 63 Resp: 280305

Ion Ratio Lower Upper

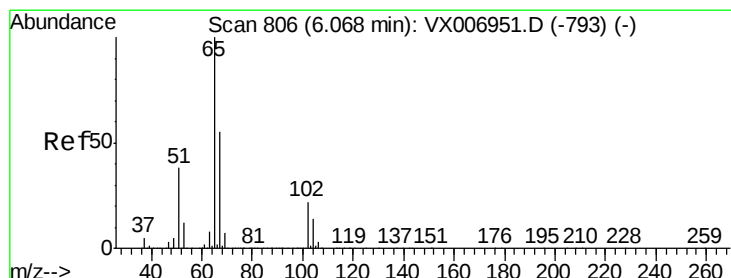
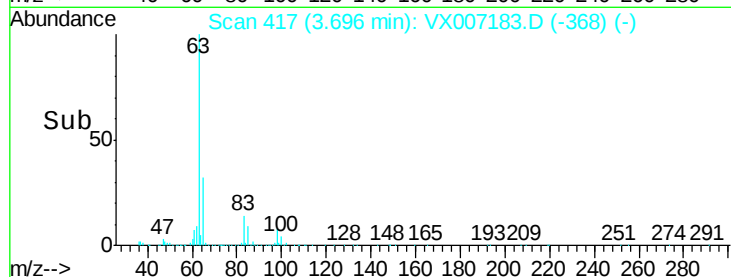
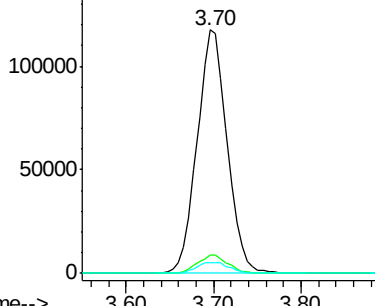
63 100

98 7.6 3.9 11.5

100 4.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.752 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007183.D

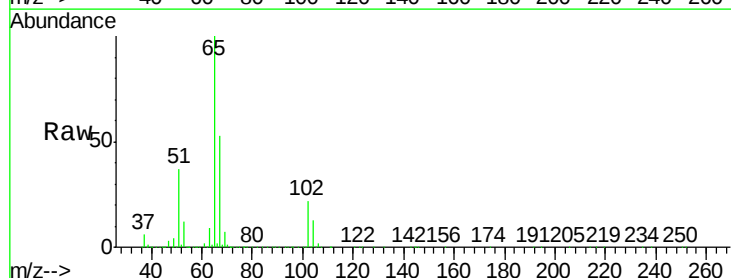
Acq: 22 Jan 2019 15:55

Tgt Ion: 65 Resp: 269243

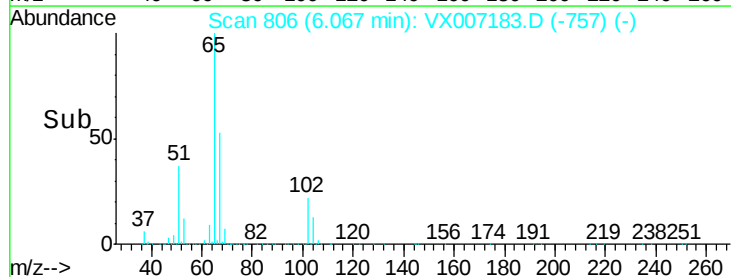
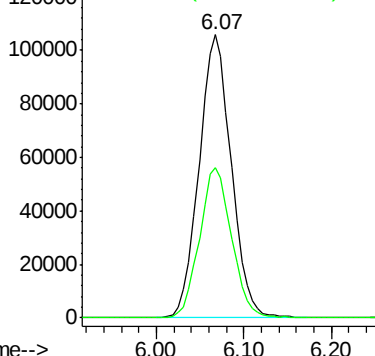
Ion Ratio Lower Upper

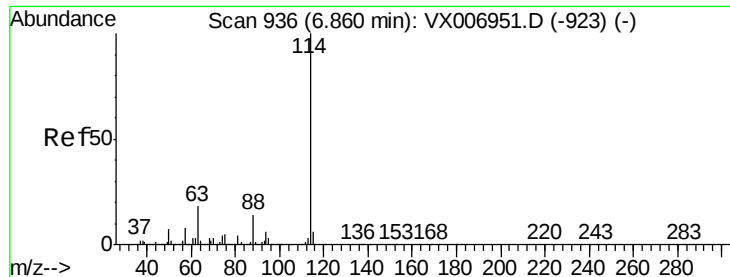
65 100

67 53.3 0.0 105.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007183.D

Acq: 22 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

SA-TW526-4246

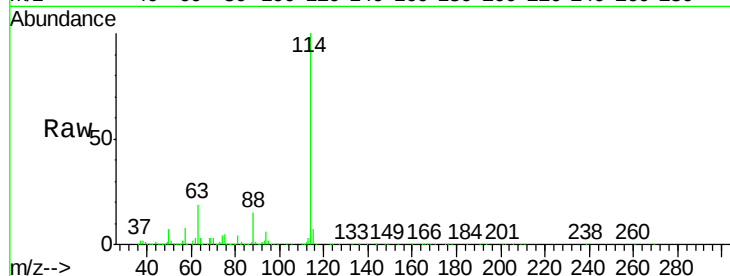
Tot Ion:114 Resp: 771733

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

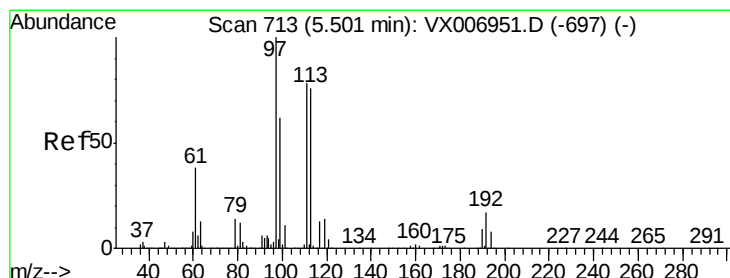
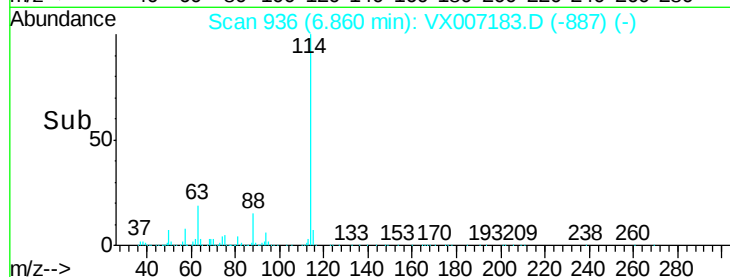
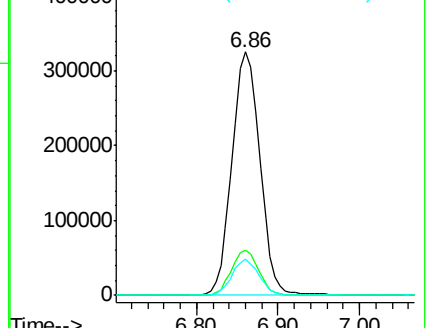
88 14.7 0.0 28.8



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: 48.923 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007183.D

Acq: 22 Jan 2019 15:55

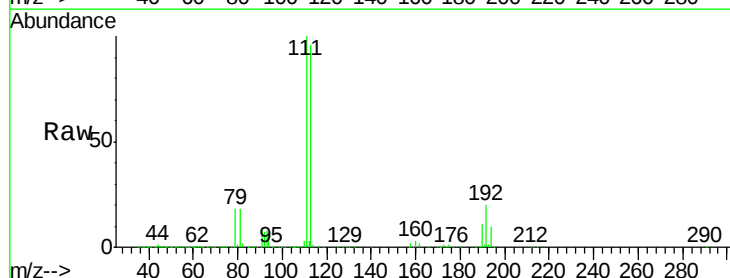
Tgt Ion:113 Resp: 241786

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

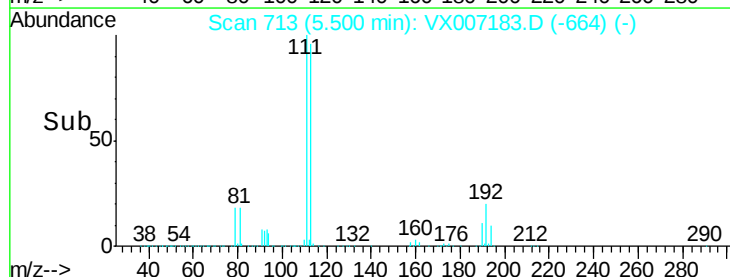
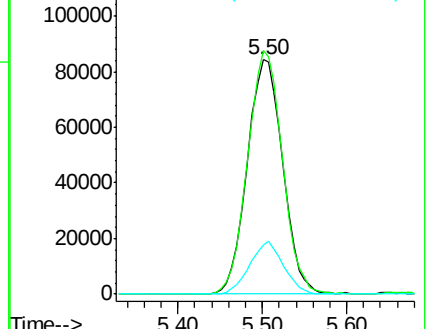
192 21.4 16.7 25.1

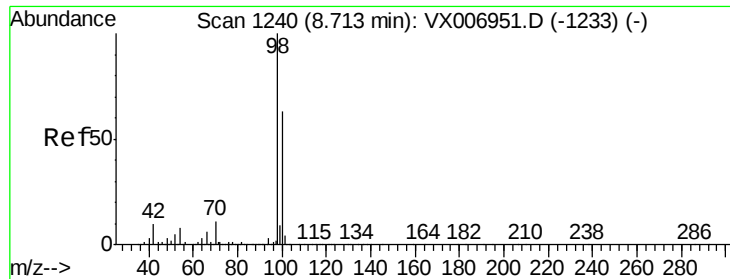


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.694 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007183.D

Acq: 22 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

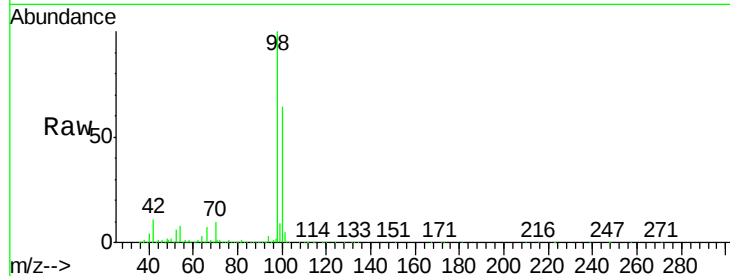
SA-TW526-4246

Tot Ion: 98 Resp: 917048

Ion Ratio Lower Upper

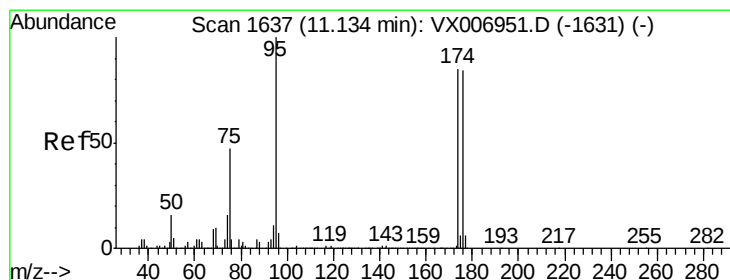
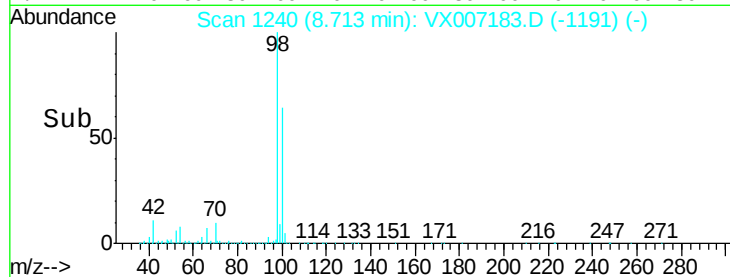
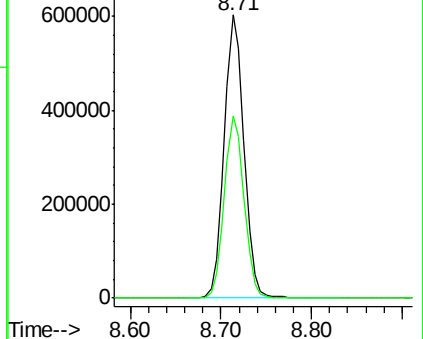
98 100

100 64.4 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: 52.937 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007183.D

Acq: 22 Jan 2019 15:55

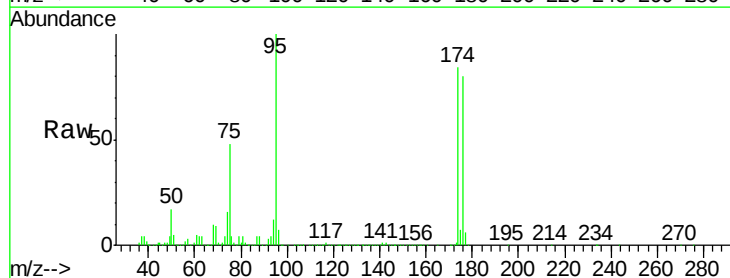
Tgt Ion: 95 Resp: 333850

Ion Ratio Lower Upper

95 100

174 93.1 0.0 182.2

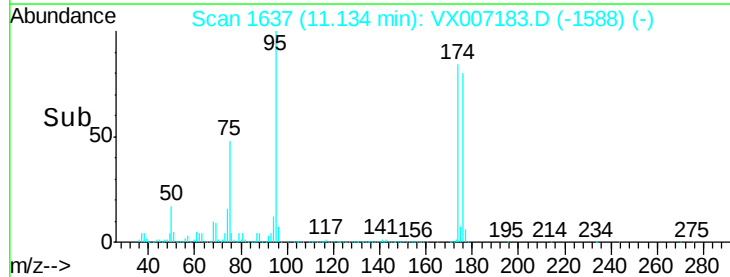
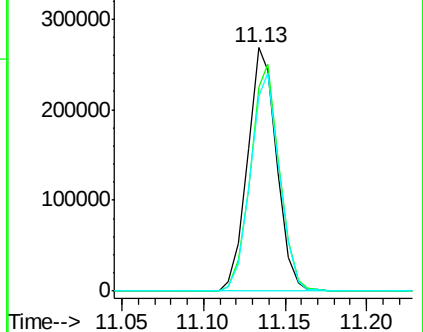
176 89.5 0.0 178.8

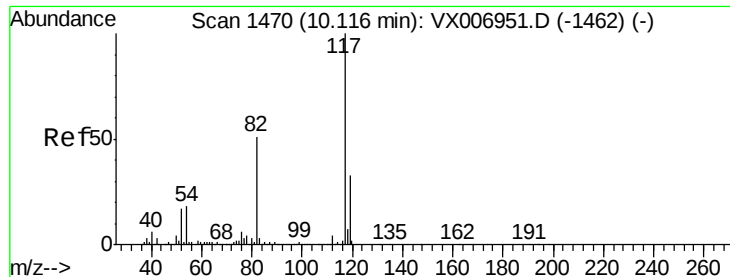


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007183.D

Acq: 22 Jan 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

SA-TW526-4246

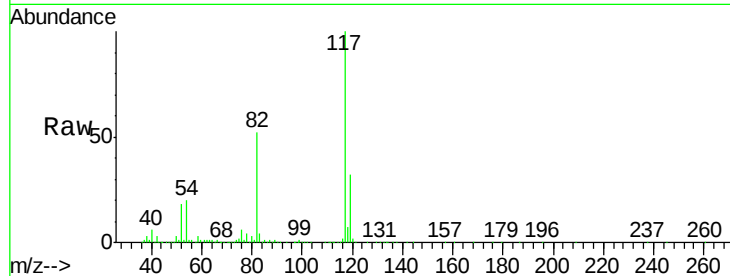
Tot Ion:117 Resp: 725534

Ion Ratio Lower Upper

117 100

82 51.6 41.0 61.6

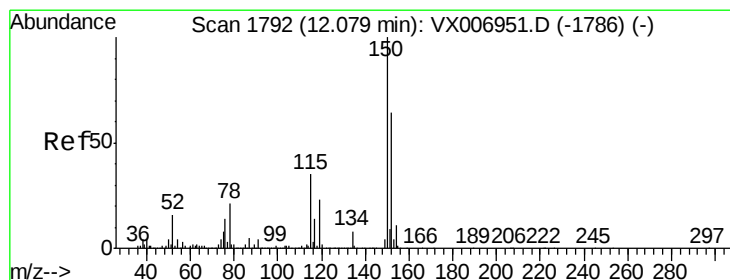
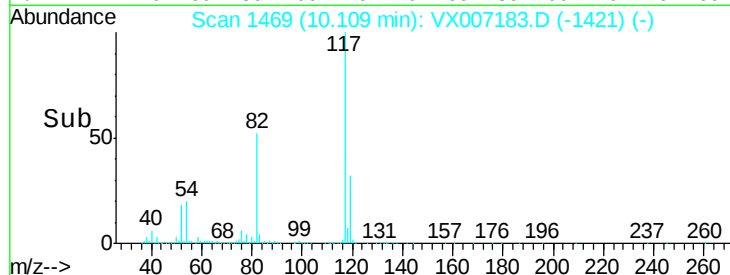
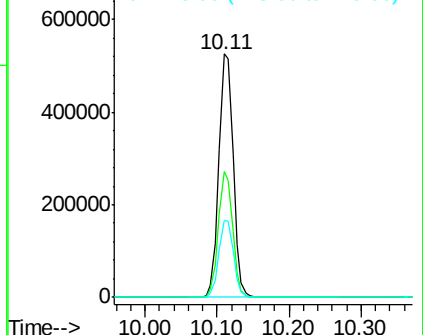
119 31.8 25.4 38.0



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: VX007183.D

Acq: 22 Jan 2019 15:55

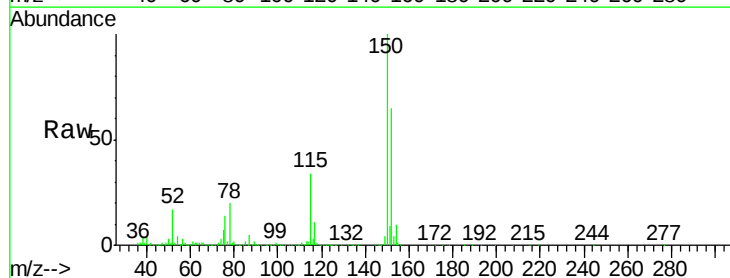
Tgt Ion:152 Resp: 363760

Ion Ratio Lower Upper

152 100

115 55.2 39.1 117.2

150 156.0 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

