

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012219\
 Data File : VX007187.D
 Acq On : 22 Jan 2019 17:42
 Operator : JC/SP
 Sample : K1214-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW525-4246

Quant Time: Jan 23 01:30:41 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

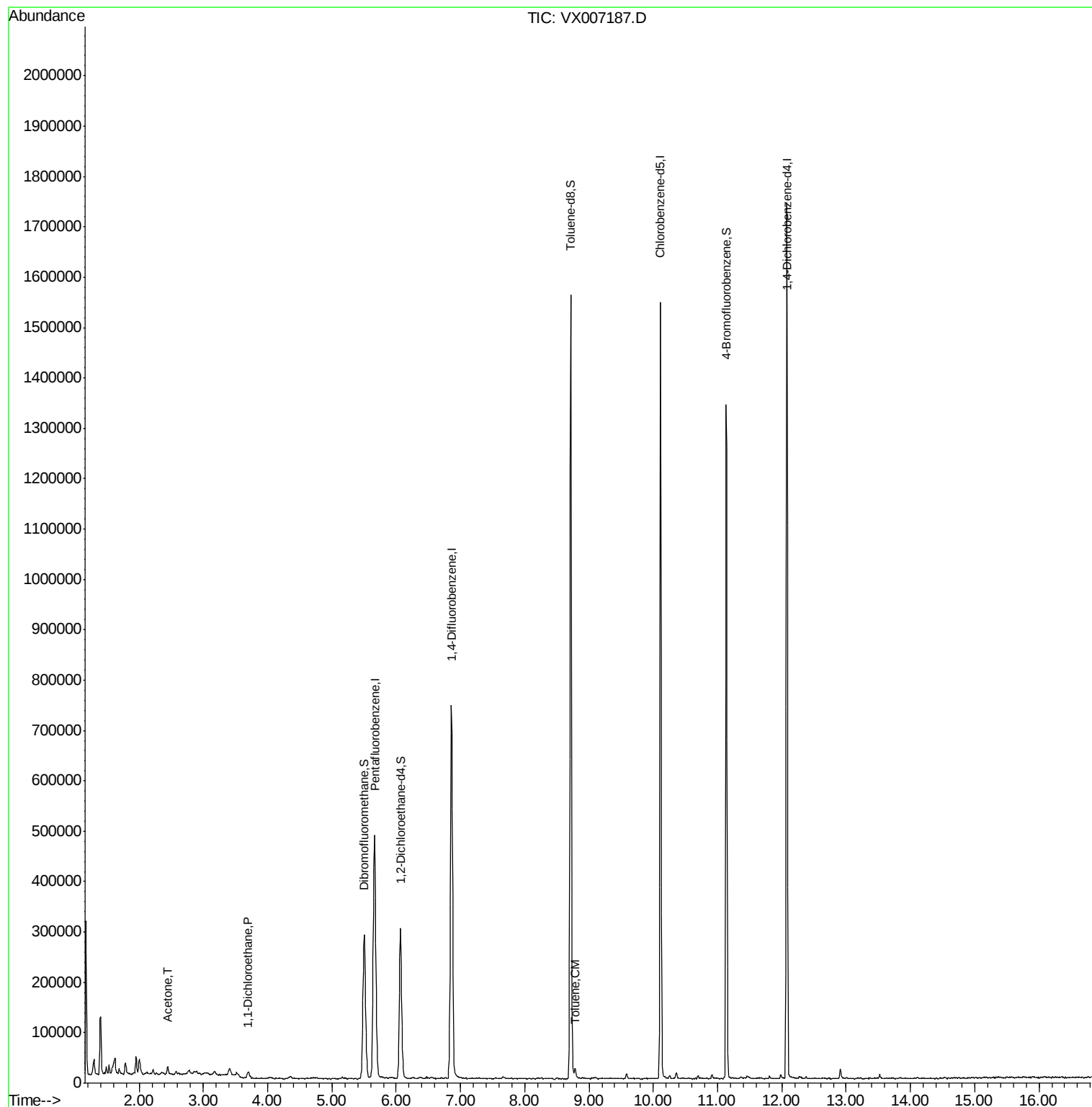
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	507471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	787940	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	742357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	372610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	277249	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
35) Dibromofluoromethane	5.50	113	242445	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	8.71	98	952983	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.13	95	344477	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
Target Compounds						
16) Acetone	2.45	43	16967	6.471	ug/l	96
24) 1,1-Dichloroethane	3.69	63	12884	1.533	ug/l	99
52) Toluene	8.78	92	6885	0.512	ug/l	90

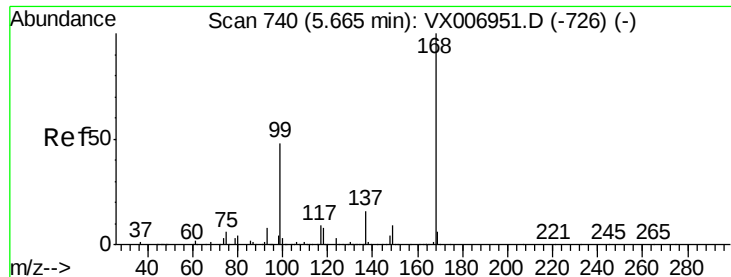
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007187.D

Acq: 22 Jan 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

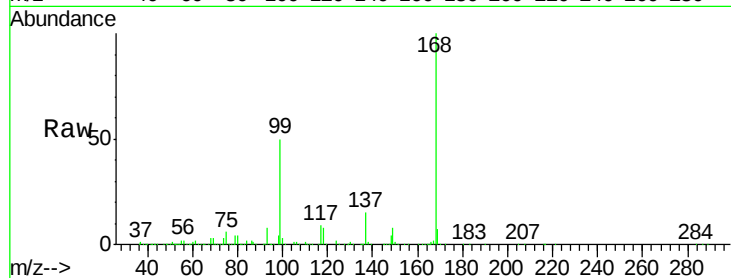
SA-TW525-4246

Tot Ion:168 Resp: 507471

Ion Ratio Lower Upper

168 100

99 50.1 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

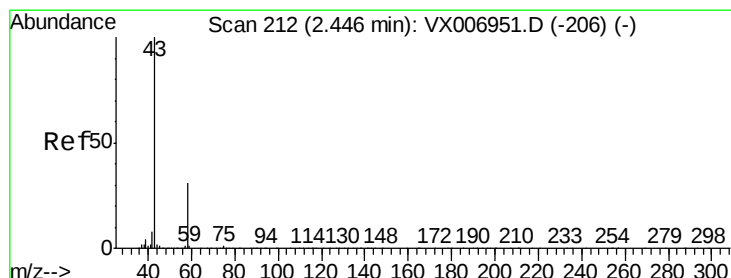
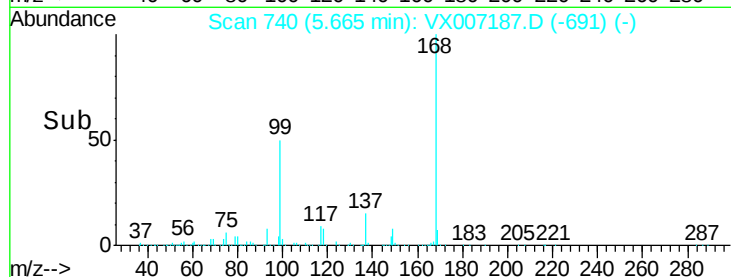
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.471 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007187.D

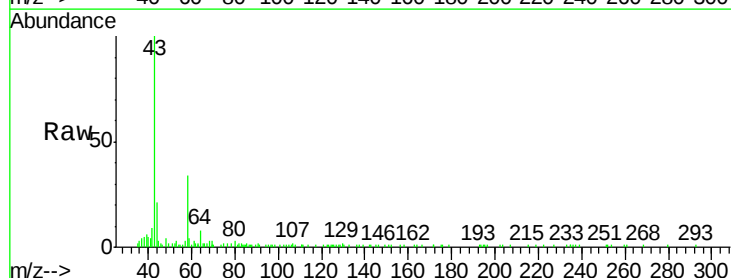
Acq: 22 Jan 2019 17:42

Tgt Ion: 43 Resp: 16967

Ion Ratio Lower Upper

43 100

58 33.3 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

10000

8000

6000

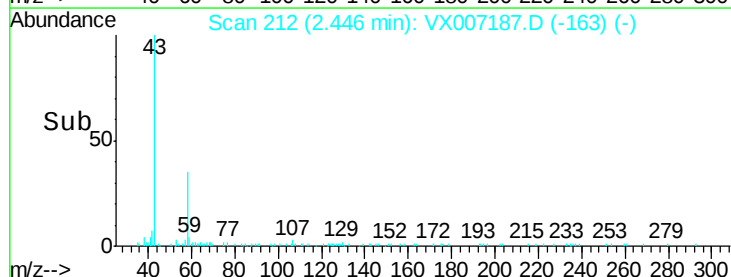
4000

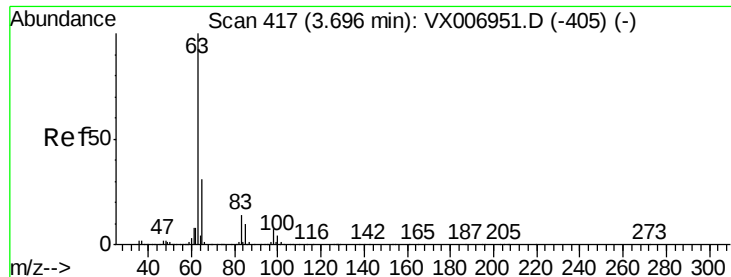
2000

0

Time-->

2.40 2.45 2.50





#24

1,1-Dichloroethane

Concen: 1.533 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX007187.D

Acq: 22 Jan 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

SA-TW525-4246

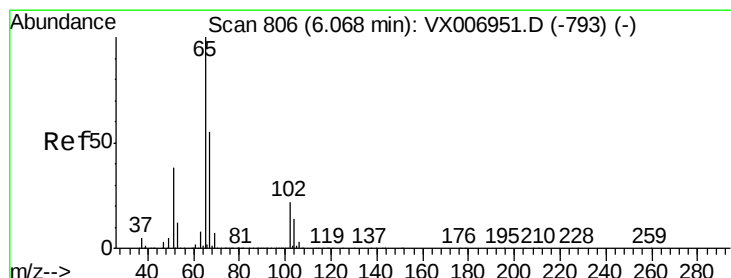
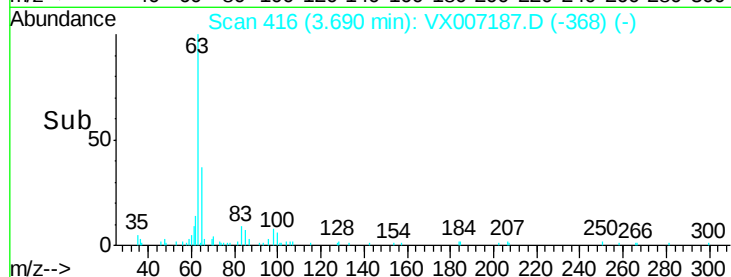
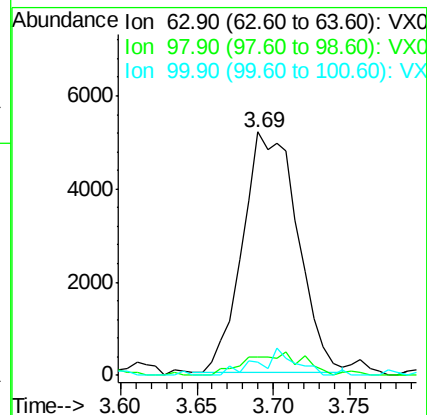
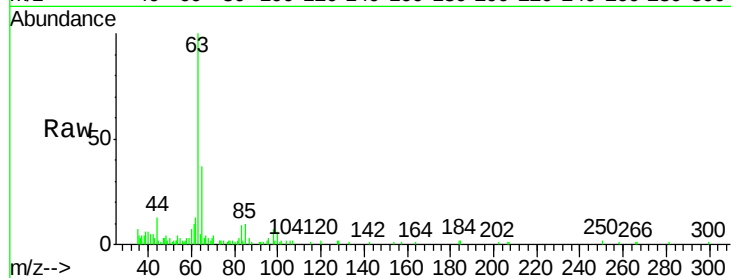
Tot Ion: 63 Resp: 12884

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 5.6 2.4 7.2



#33

1,2-Dichloroethane-d4

Concen: 52.277 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007187.D

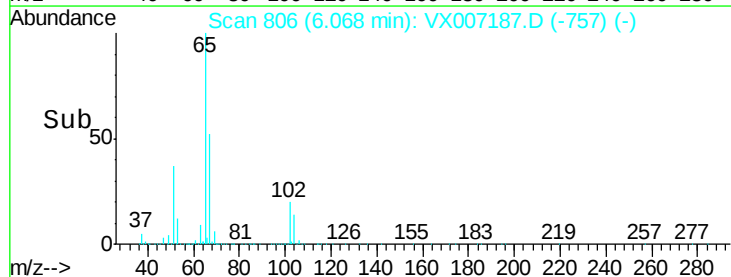
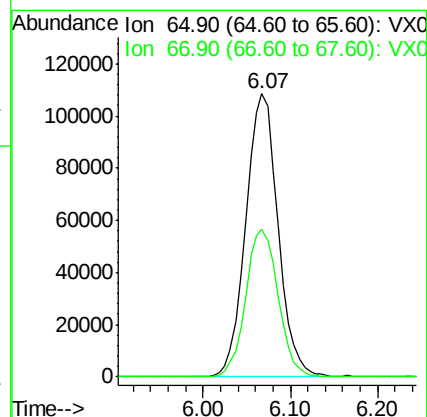
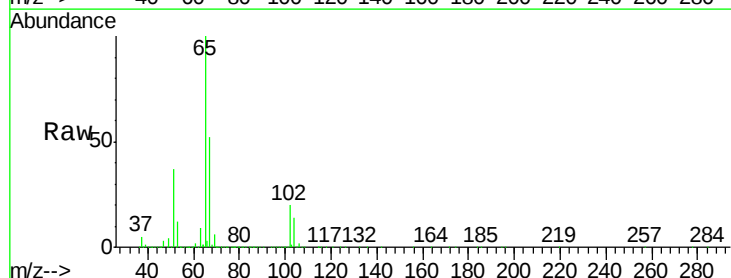
Acq: 22 Jan 2019 17:42

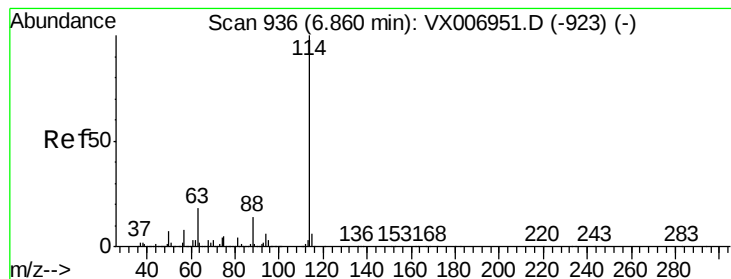
Tgt Ion: 65 Resp: 277249

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007187.D

Acq: 22 Jan 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

SA-TW525-4246

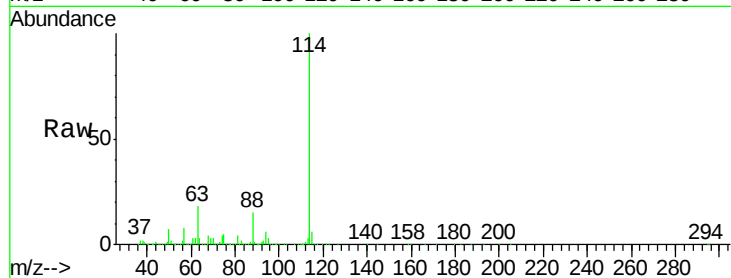
Tot Ion:114 Resp: 787940

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

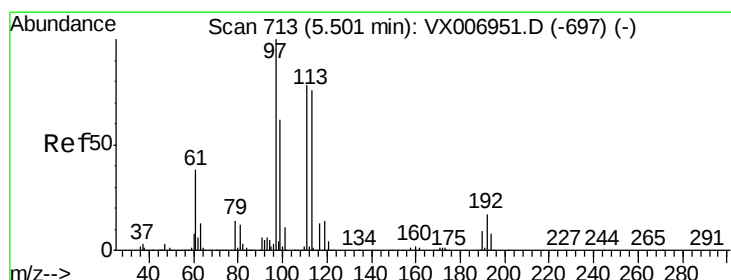
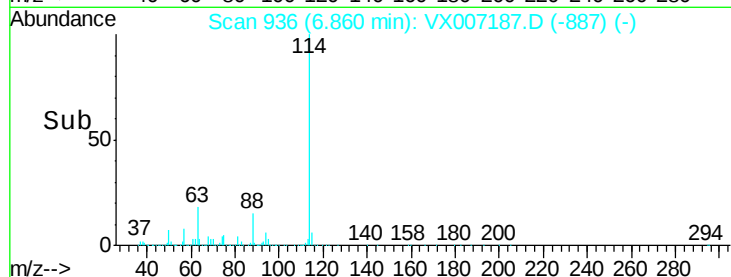
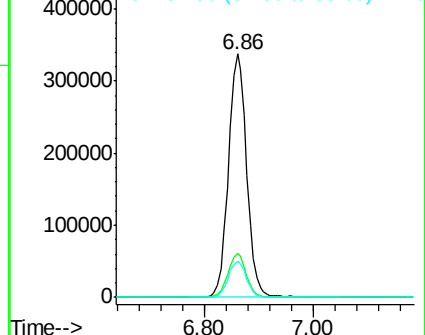
88 14.9 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 48.048 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007187.D

Acq: 22 Jan 2019 17:42

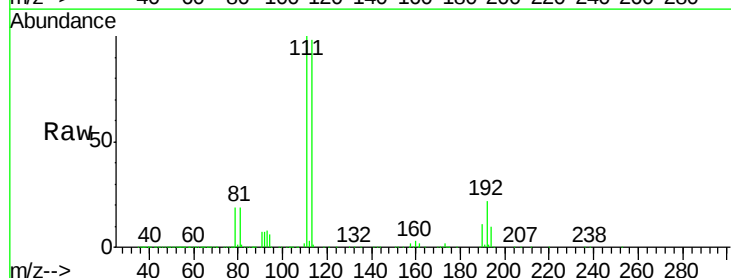
Tgt Ion:113 Resp: 242445

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

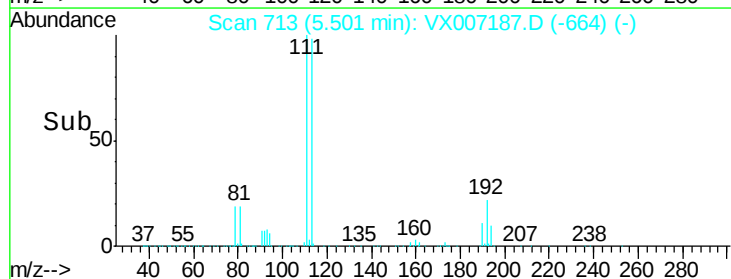
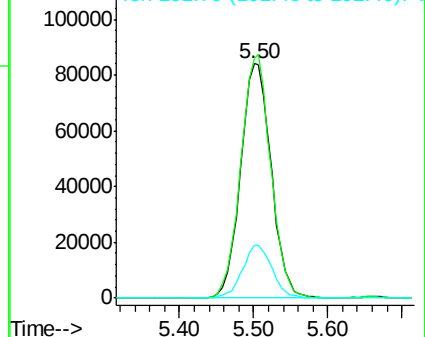
192 22.0 16.7 25.1

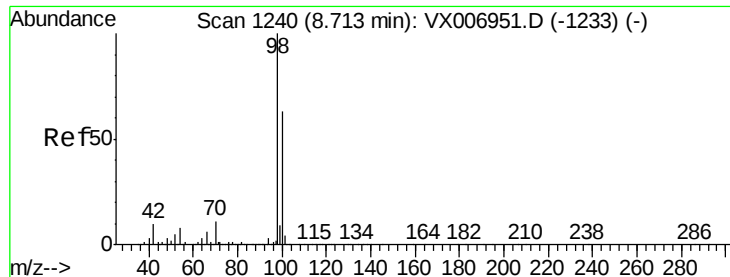


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.597 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007187.D

Acq: 22 Jan 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

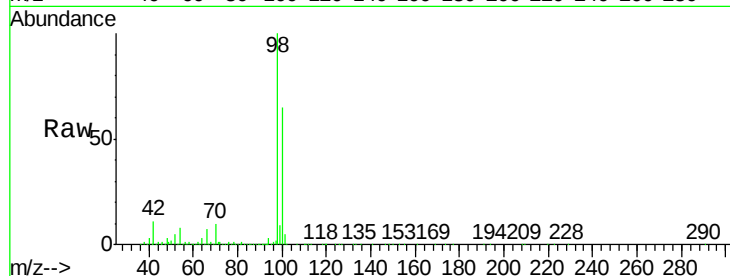
SA-TW525-4246

Tot Ion: 98 Resp: 952983

Ion Ratio Lower Upper

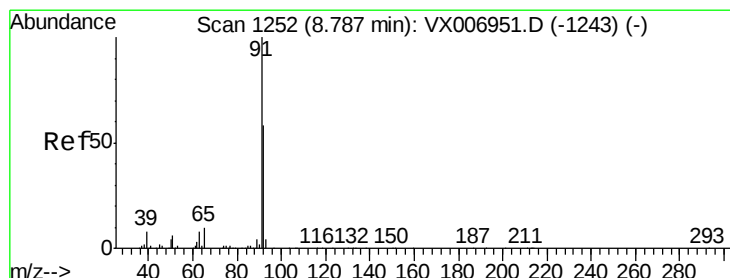
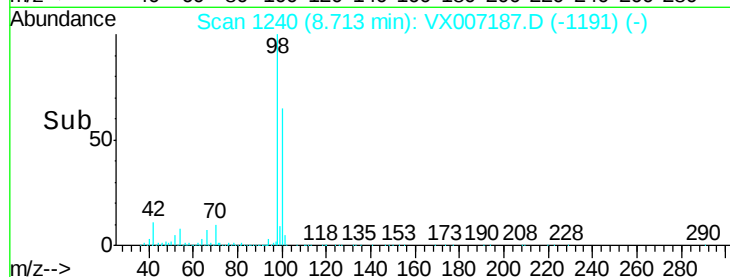
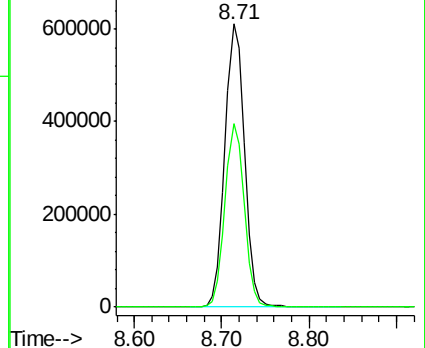
98 100

100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 0.512 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007187.D

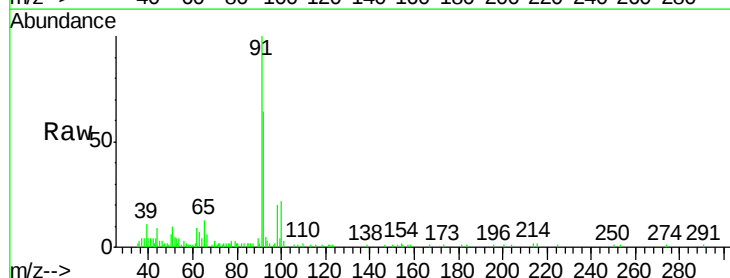
Acq: 22 Jan 2019 17:42

Tgt Ion: 92 Resp: 6885

Ion Ratio Lower Upper

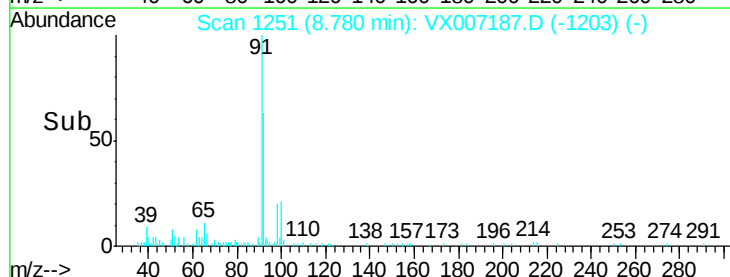
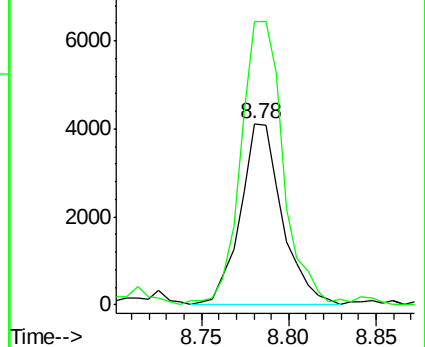
92 100

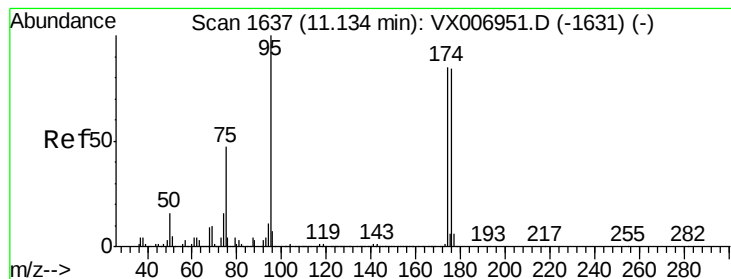
91 158.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.499 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007187.D

Acq: 22 Jan 2019 17:42

Instrument :

MSVOA_X

ClientSampleId :

SA-TW525-4246

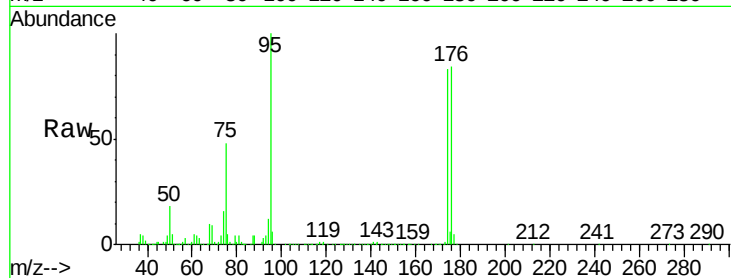
Tot Ion: 95 Resp: 344477

Ion Ratio Lower Upper

95 100

174 90.5 0.0 182.2

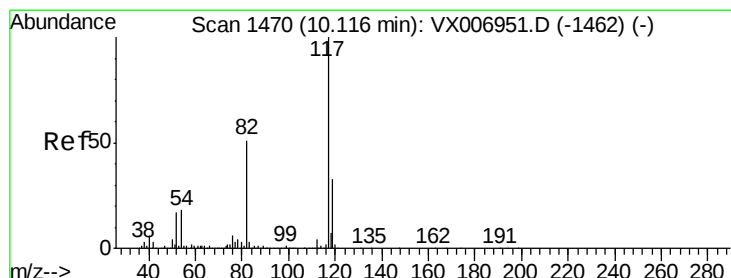
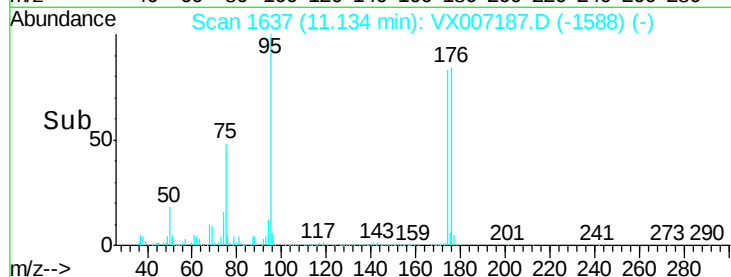
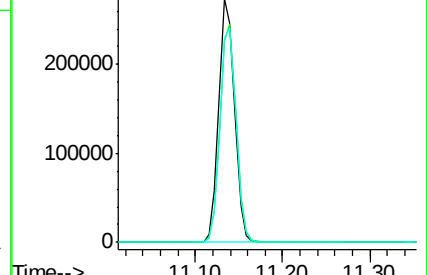
176 88.6 0.0 178.8



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: VX007187.D

Acq: 22 Jan 2019 17:42

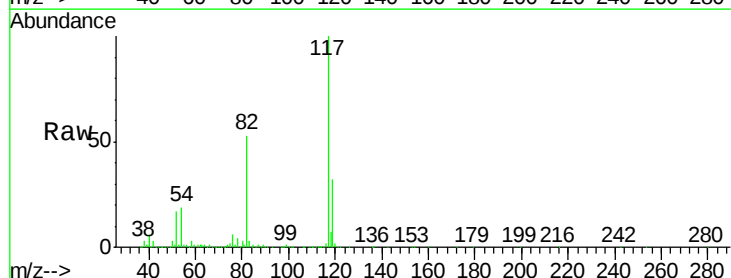
Tgt Ion: 117 Resp: 742357

Ion Ratio Lower Upper

117 100

82 52.8 41.0 61.6

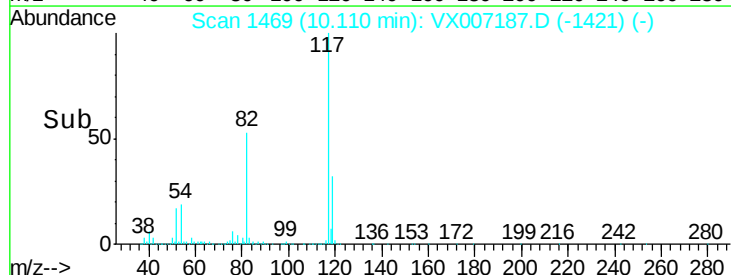
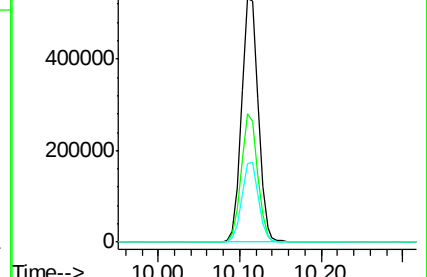
119 32.1 25.4 38.0

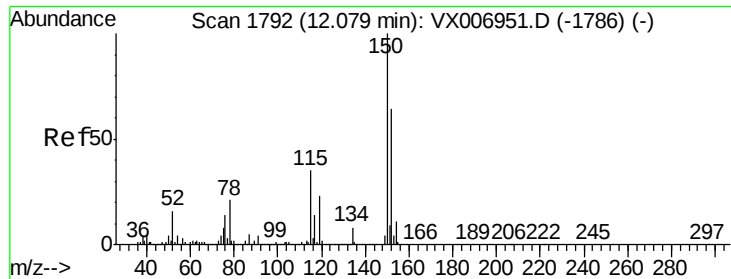


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX007187.D

Acq: 22 Jan 2019 17:42

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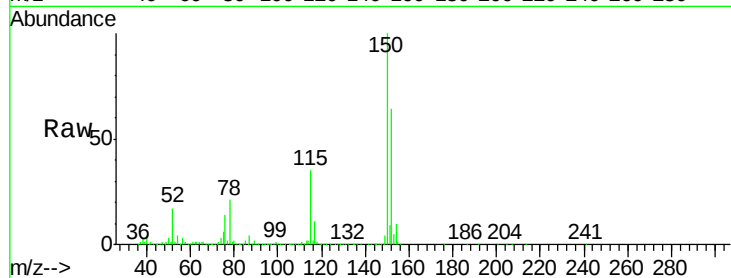
Tot Ion:152 Resp: 372610

Ion Ratio Lower Upper

152 100

115 54.5 39.1 117.2

150 154.9 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

