

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002455.D
 Acq On : 11 Jun 2018 20:42
 Operator : JC/MD
 Sample : J3406-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW600-180605

Quant Time: Jun 12 03:58:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	321004	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	168701	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	155465	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
35) Dibromofluoromethane	5.51	113	117572	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
50) Toluene-d8	8.72	98	463323	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	11.14	95	163350	43.78	ug/l	0.00
Spiked Amount			Recovery	=	87.56%	

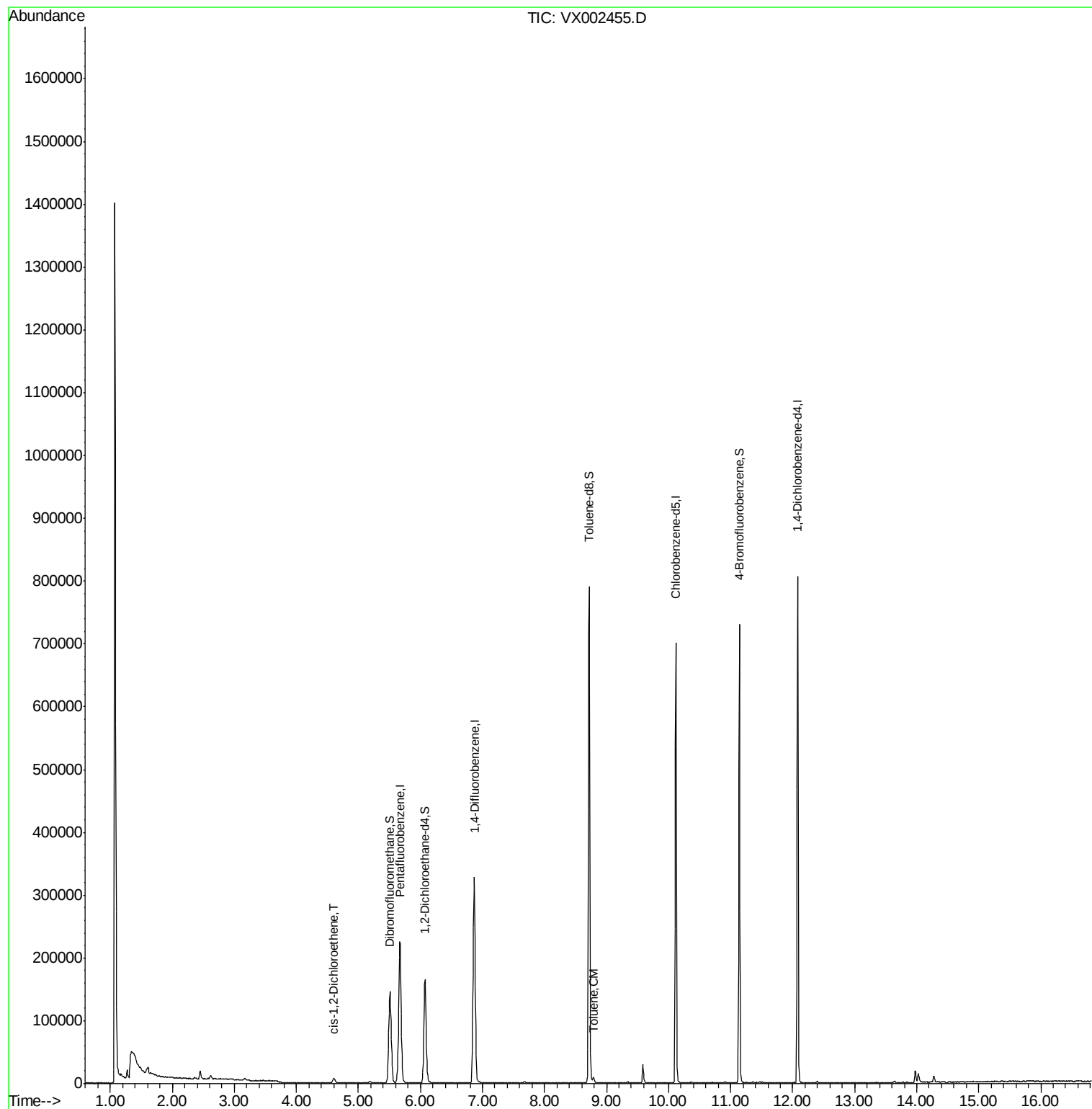
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) cis-1,2-Dichloroethene	4.60	96	3727	1.33	ug/l	71
52) Toluene	8.79	92	2451	0.37	ug/l	94

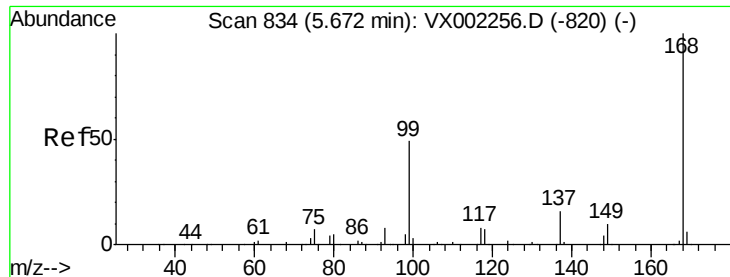
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002455.D

Acq: 11 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

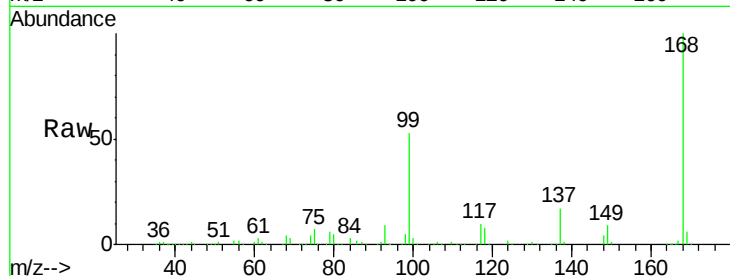
SS050MW600-180605

Tot Ion:168 Resp: 219306

Ion Ratio Lower Upper

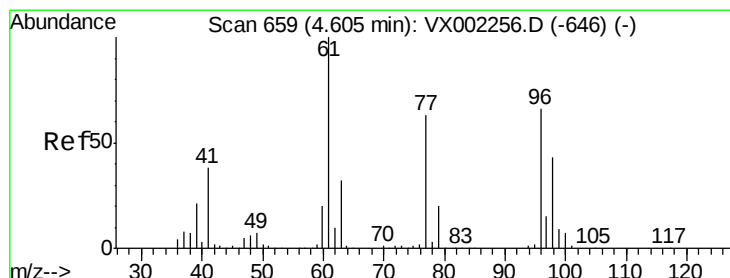
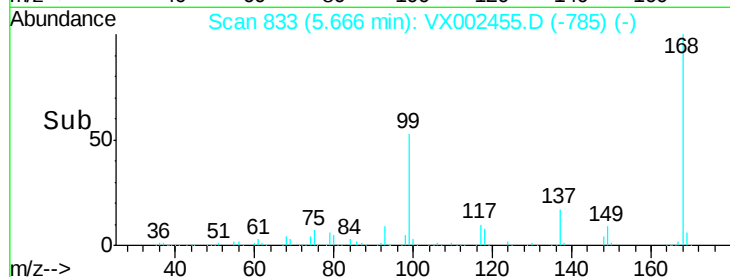
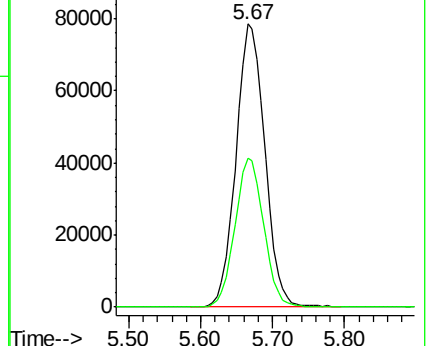
168 100

99 52.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.33 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002455.D

Acq: 11 Jun 2018 20:42

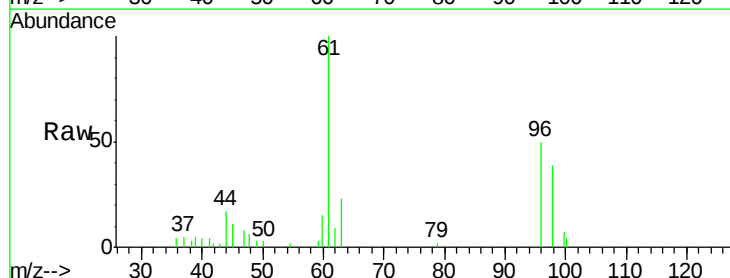
Tgt Ion: 96 Resp: 3727

Ion Ratio Lower Upper

96 100

61 218.4 0.0 330.2

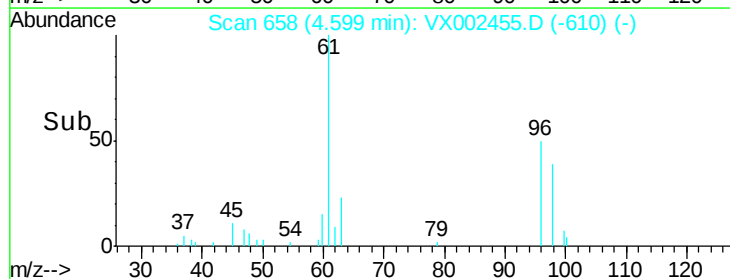
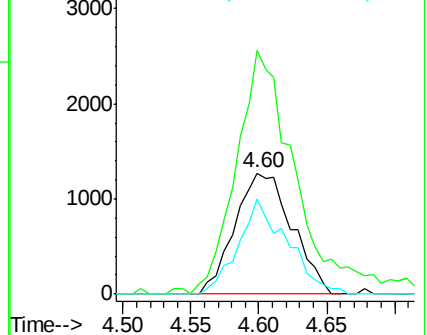
98 67.5 0.0 130.2

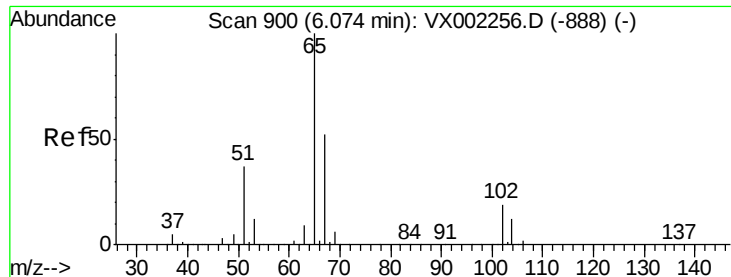


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.54 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002455.D

Acq: 11 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

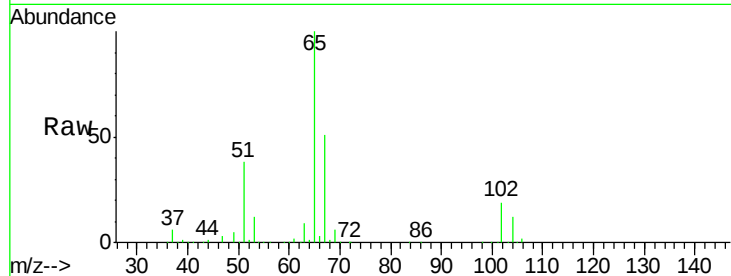
SS050MW600-180605

Tot Ion: 65 Resp: 155465

Ion Ratio Lower Upper

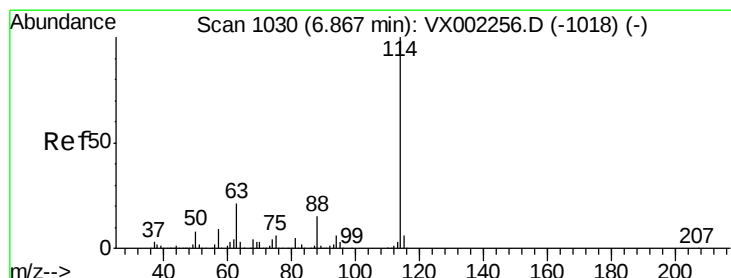
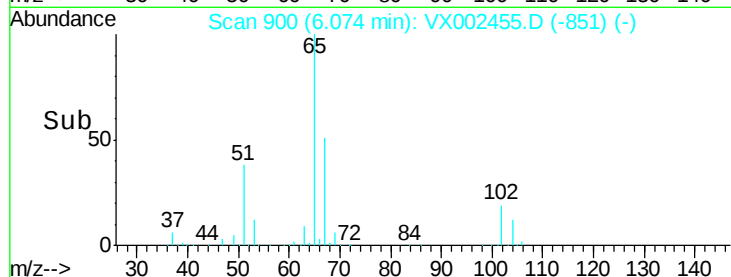
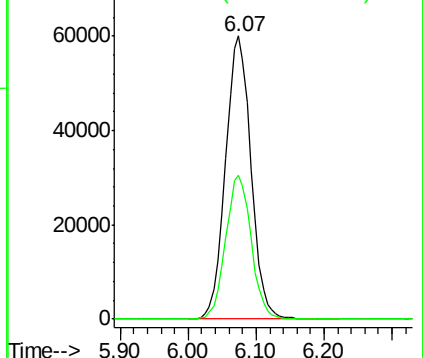
65 100

67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002455.D

Acq: 11 Jun 2018 20:42

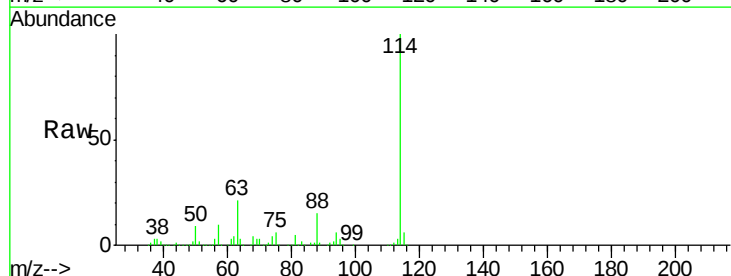
Tgt Ion: 114 Resp: 321004

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

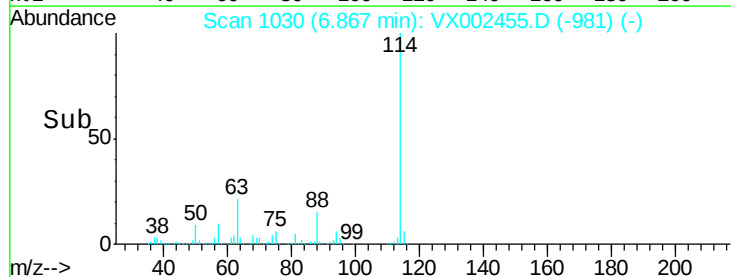
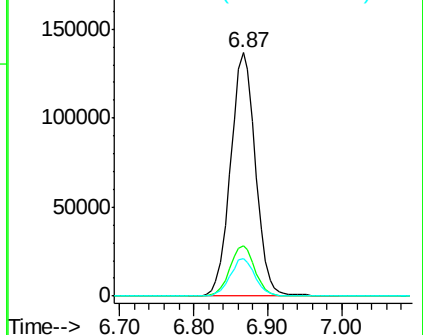
88 15.4 0.0 30.0

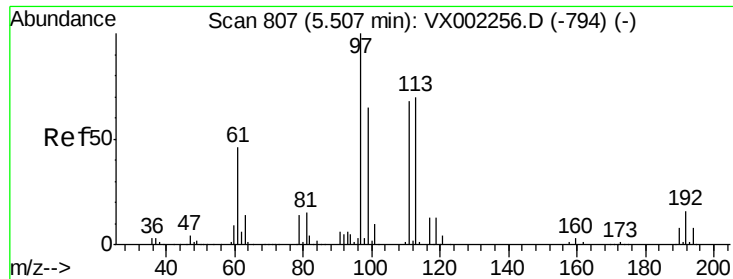


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.57 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002455.D

Acq: 11 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

SS050MW600-180605

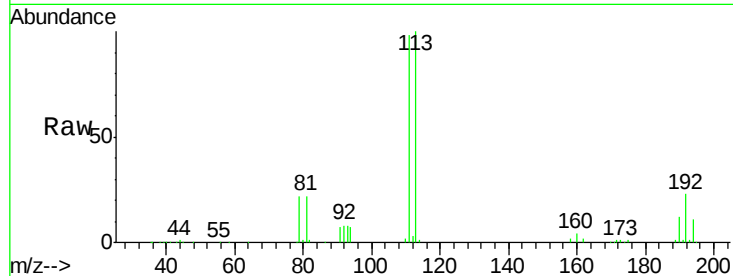
Tot Ion:113 Resp: 117572

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

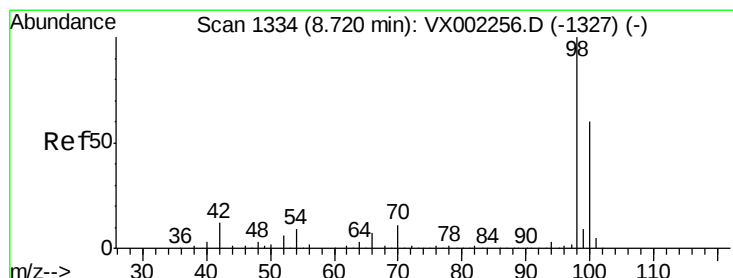
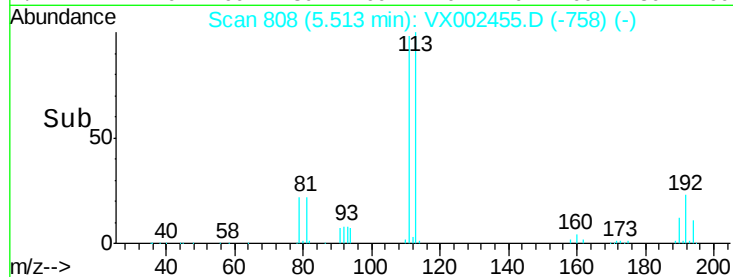
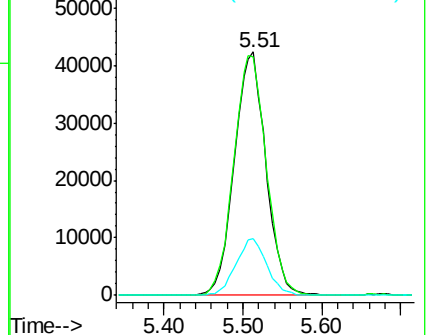
192 22.9 19.1 28.7



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: 47.88 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002455.D

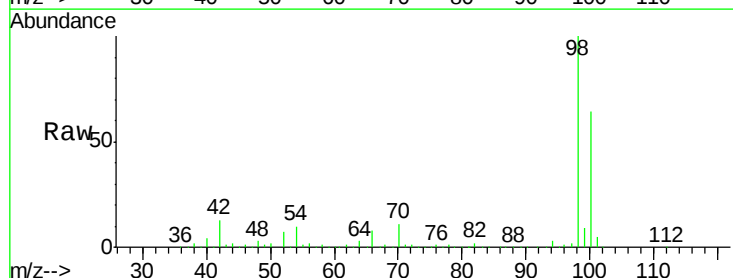
Acq: 11 Jun 2018 20:42

Tgt Ion: 98 Resp: 463323

Ion Ratio Lower Upper

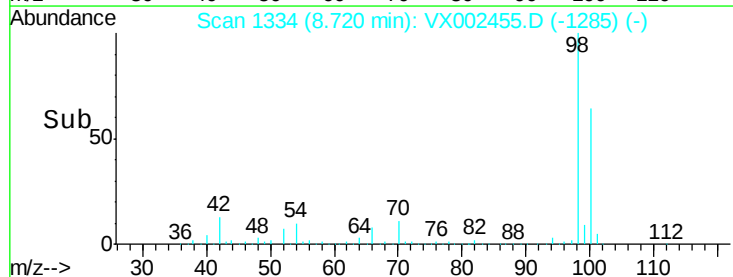
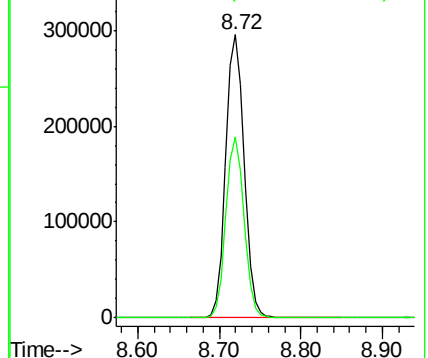
98 100

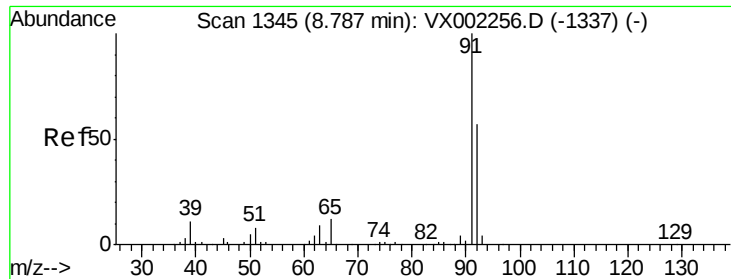
100 62.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.37 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VX002455.D

Acq: 11 Jun 2018 20:42

Instrument :

MSVOA_X

ClientSampleId :

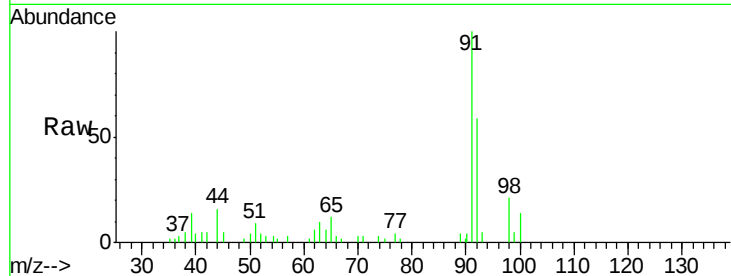
SS050MW600-180605

Tot Ion: 92 Resp: 2451

Ion Ratio Lower Upper

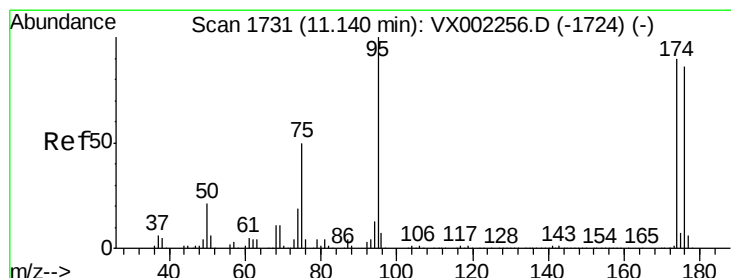
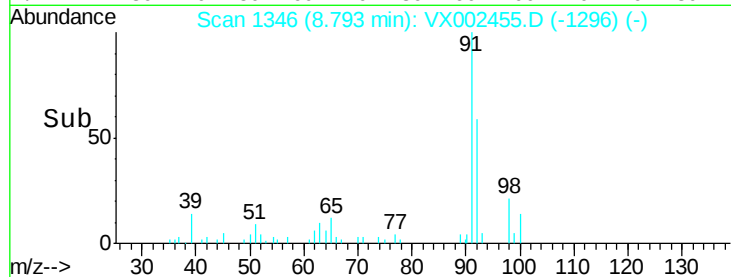
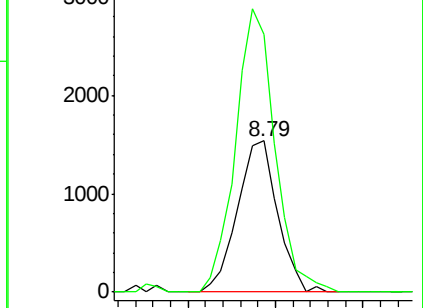
92 100

91 184.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 43.78 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002455.D

Acq: 11 Jun 2018 20:42

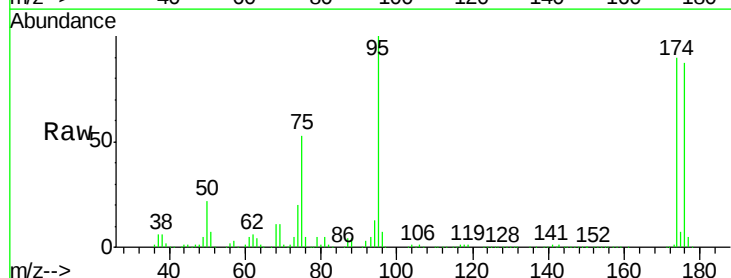
Tgt Ion: 95 Resp: 163350

Ion Ratio Lower Upper

95 100

174 94.3 0.0 187.4

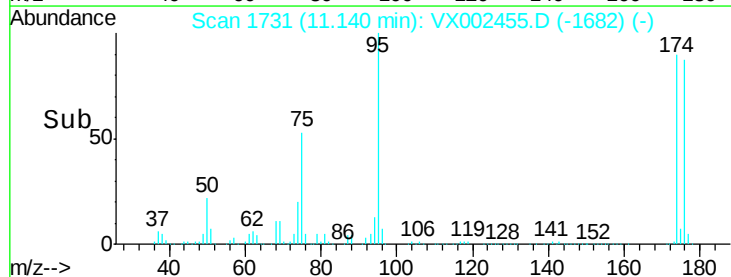
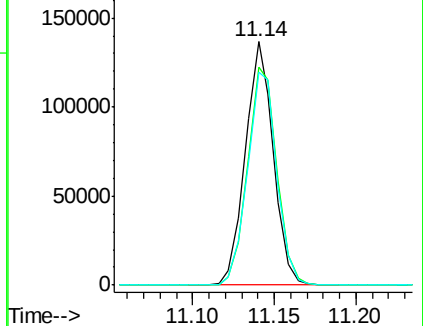
176 91.8 0.0 181.0

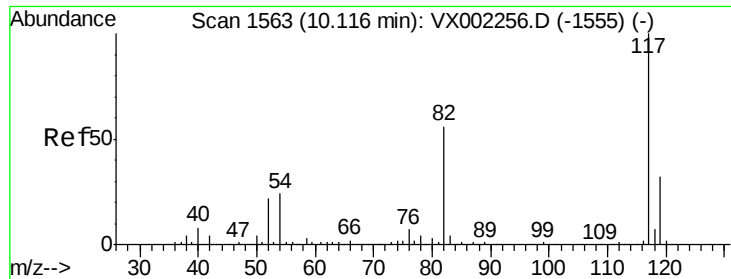


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

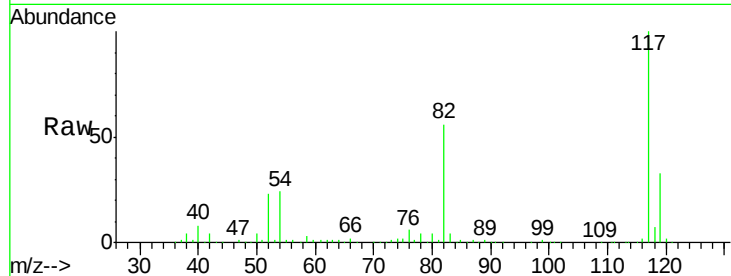




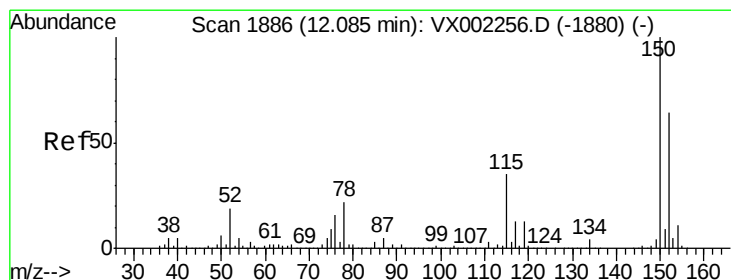
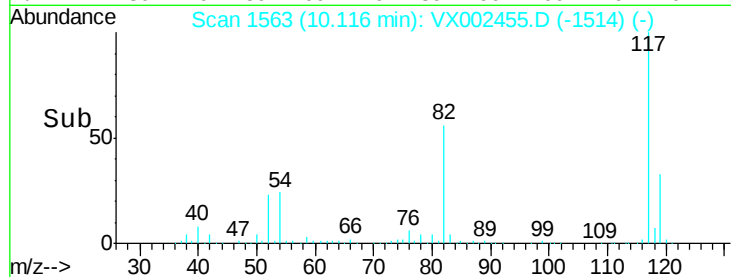
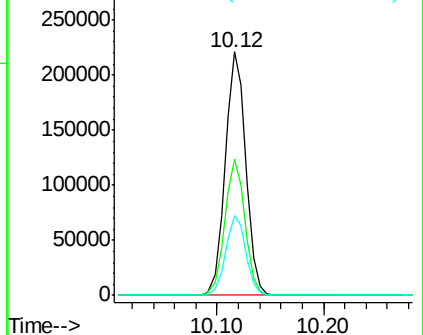
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002455.D
Acq: 11 Jun 2018 20:42

Instrument :
MSVOA_X
ClientSampleId :
SS050MW600-180605

Tot Ion:117 Resp: 299006
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.7 25.8 38.6

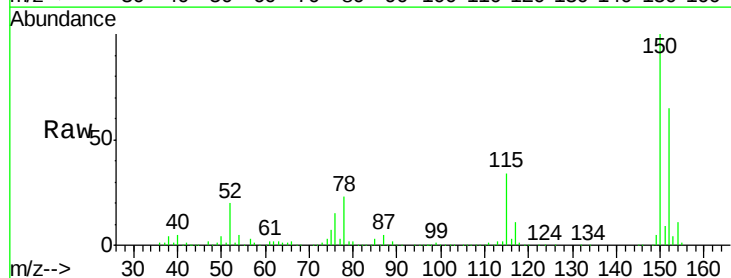


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002455.D
Acq: 11 Jun 2018 20:42

Tgt Ion:152 Resp: 168701
Ion Ratio Lower Upper
152 100
115 54.8 40.1 120.2
150 155.7 0.0 347.2



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

