

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002736.D
 Acq On : 20 Jun 2018 12:48
 Operator : JC/MD
 Sample : J3510-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0136DL

Quant Time: Jun 21 18:19:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

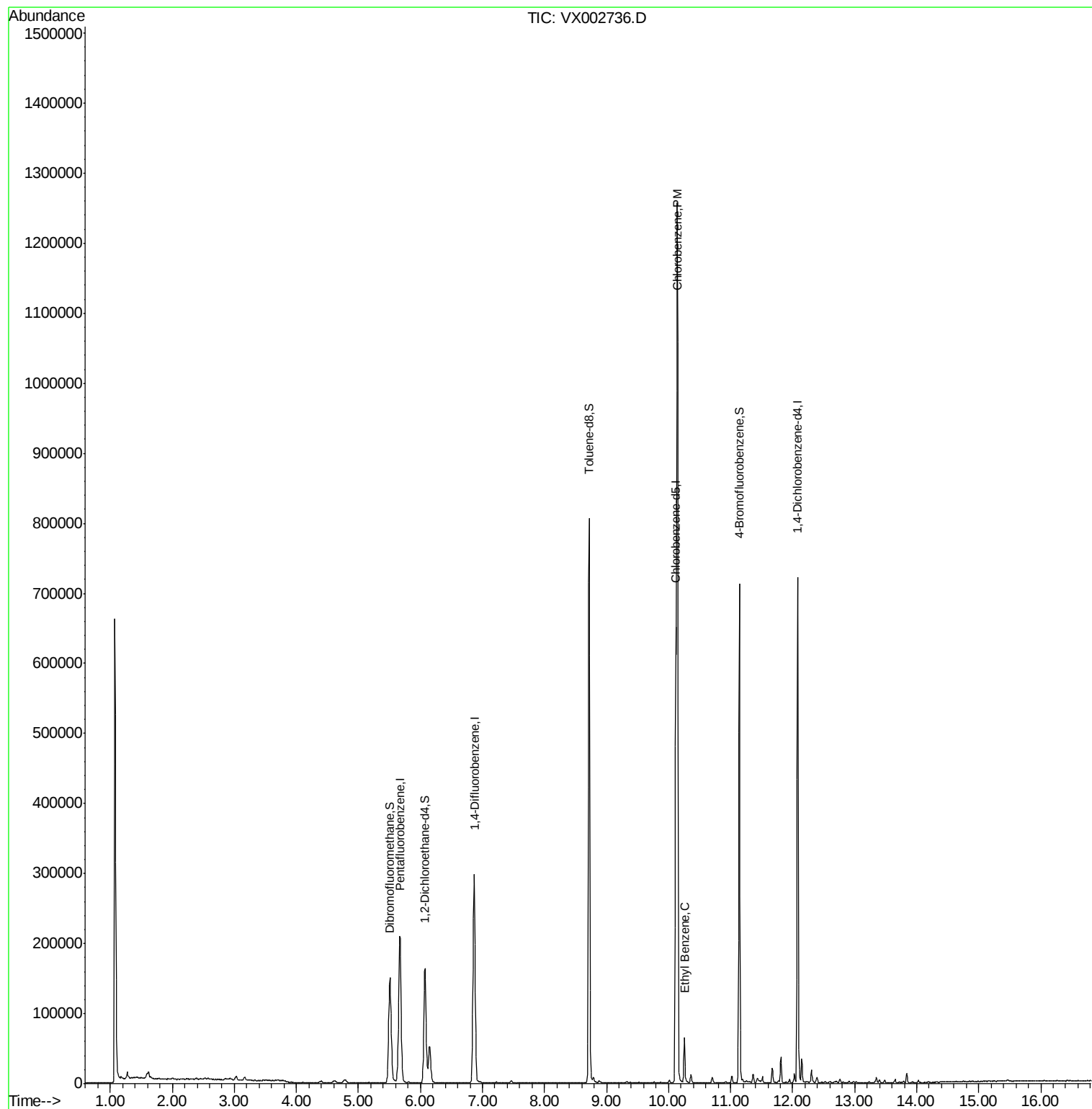
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	292897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	154732	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
35) Dibromofluoromethane	5.51	113	122119	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
50) Toluene-d8	8.72	98	458150	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.14	95	159432	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
Target Compounds						
65) Chlorobenzene	10.14	112	522309	79.17	ug/l	98
67) Ethyl Benzene	10.26	91	35557	3.20	ug/l	98

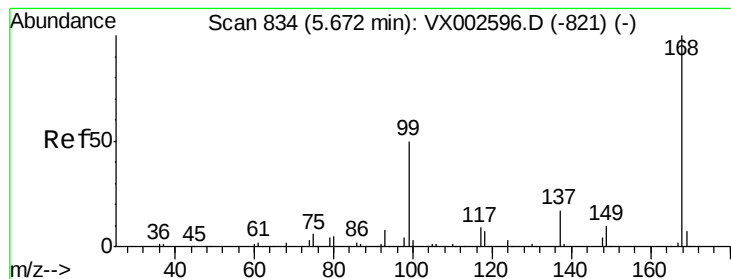
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002736.D

Acq: 20 Jun 2018 12:48

Instrument :

MSVOA_X

ClientSampled :

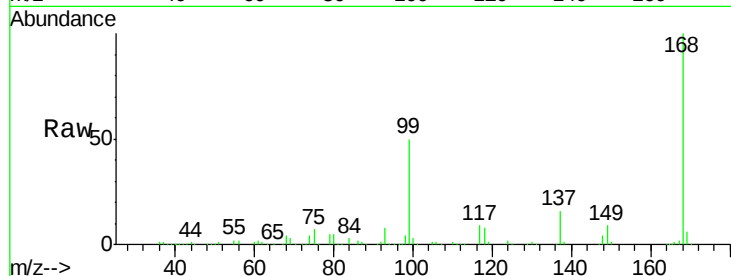
S36-0136DL

Tot Ion:168 Resp: 210939

Ion Ratio Lower Upper

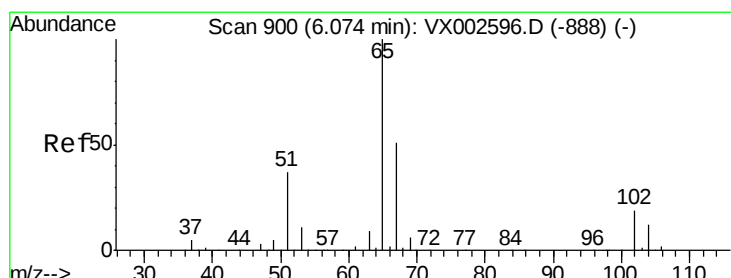
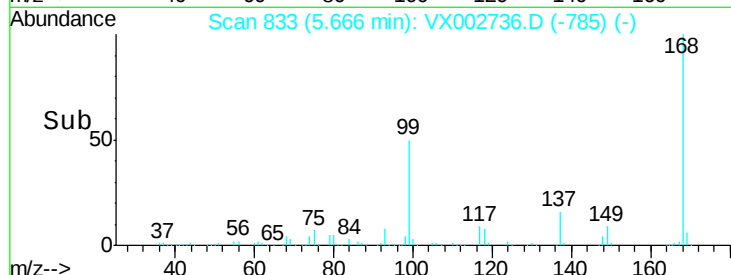
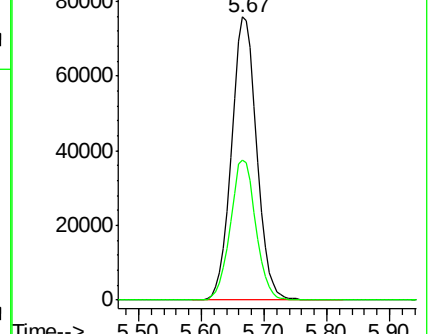
168 100

99 49.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.27 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002736.D

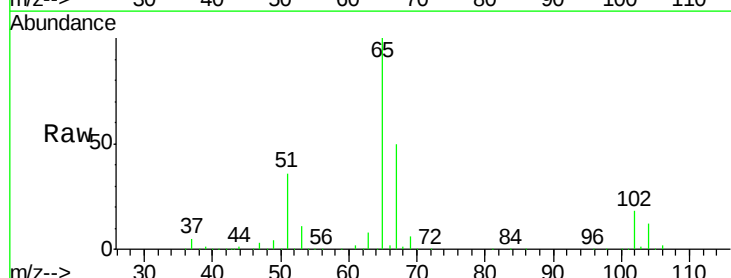
Acq: 20 Jun 2018 12:48

Tgt Ion: 65 Resp: 154732

Ion Ratio Lower Upper

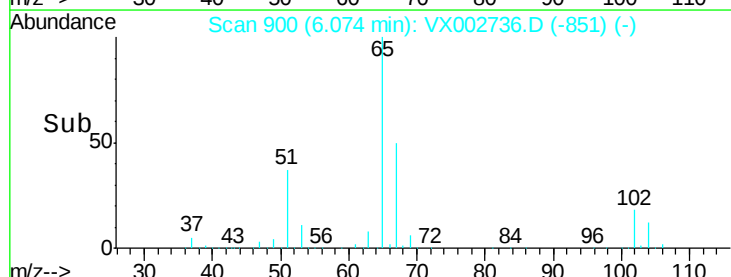
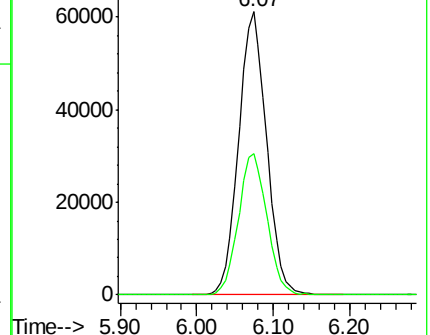
65 100

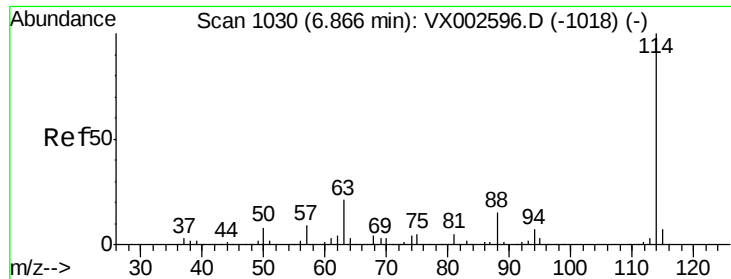
67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

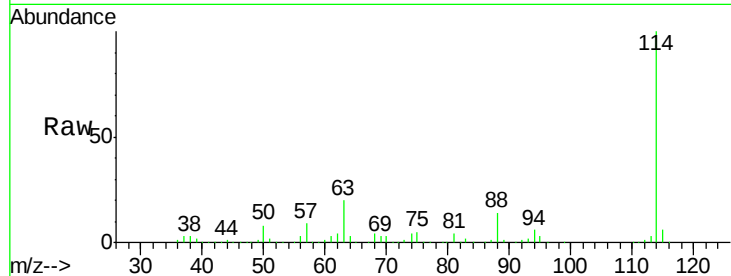




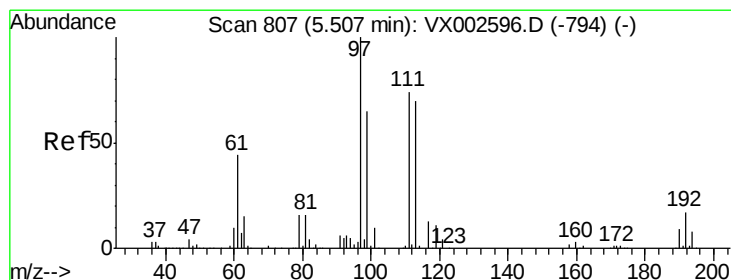
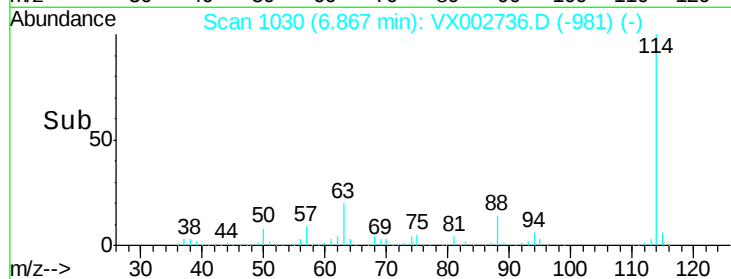
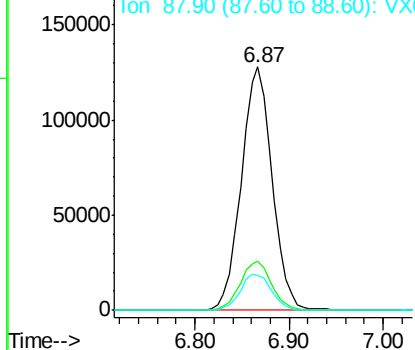
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002736.D
 Acq: 20 Jun 2018 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0136DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.4
88	14.5	0.0	30.0

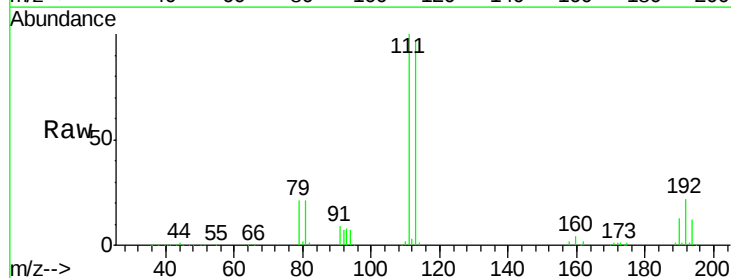


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

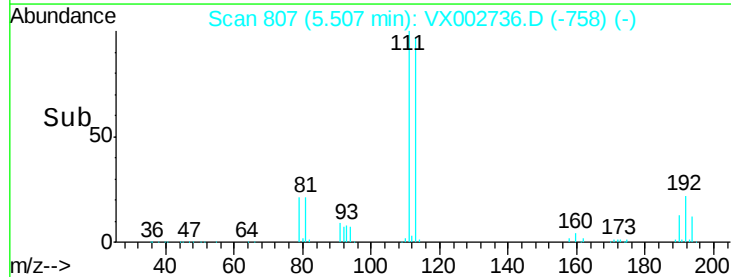
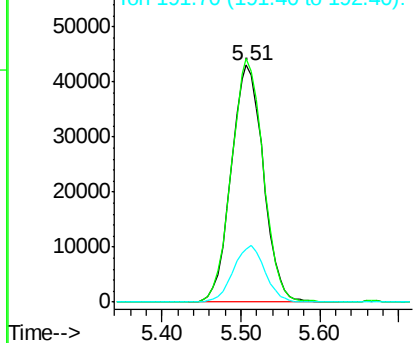


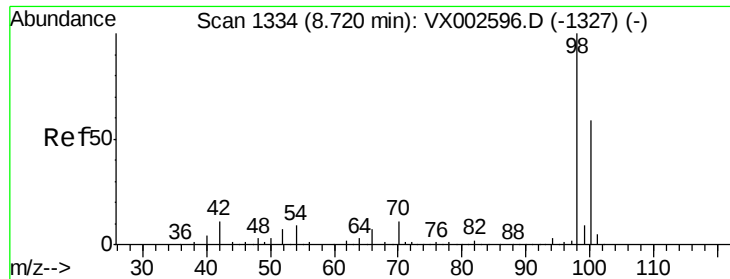
#35
 Dibromofluoromethane
 Concen: 52.24 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002736.D
 Acq: 20 Jun 2018 12:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	23.5	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: 51.62 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002736.D

Acq: 20 Jun 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

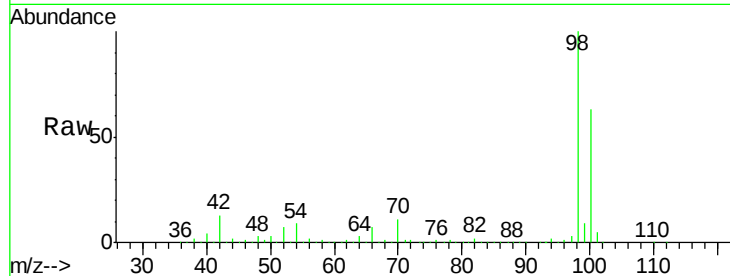
S36-0136DL

Tot Ion: 98 Resp: 458150

Ion Ratio Lower Upper

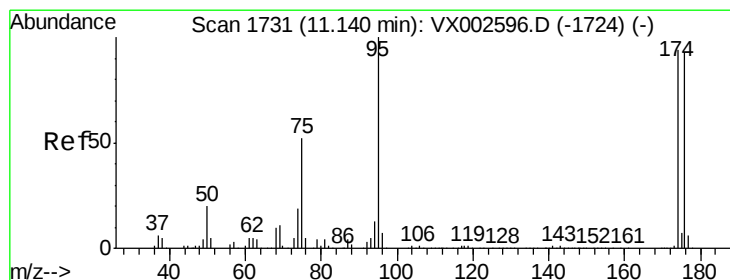
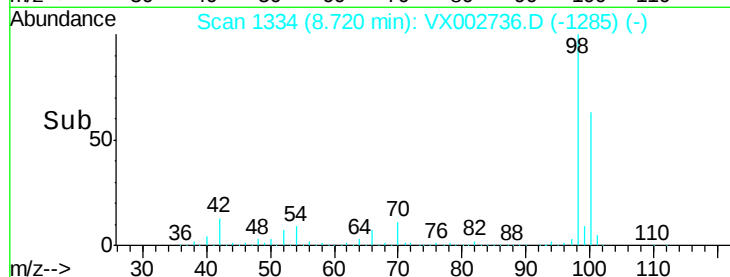
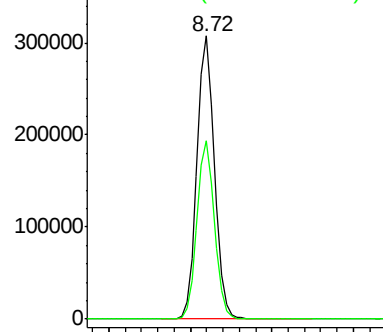
98 100

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): VX



#62

4-Bromofluorobenzene

Concen: 47.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002736.D

Acq: 20 Jun 2018 12:48

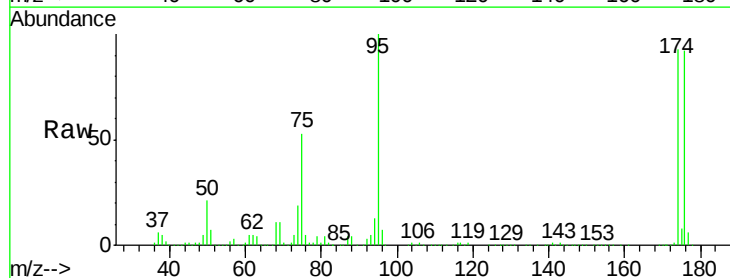
Tgt Ion: 95 Resp: 159432

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

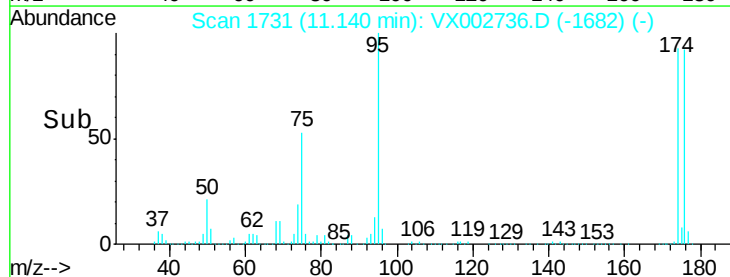
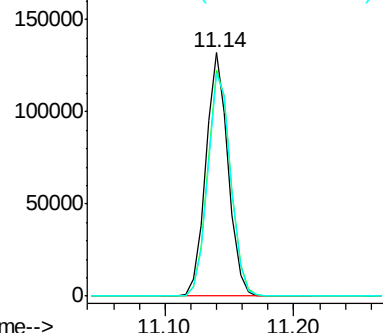
176 94.9 0.0 181.0

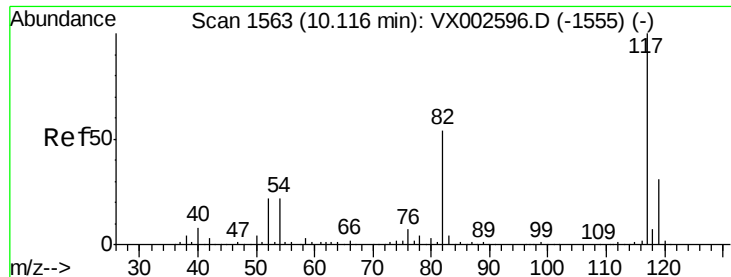


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX002736.D

Acq: 20 Jun 2018 12:48

Instrument :

MSVOA_X

ClientSampleId :

S36-0136DL

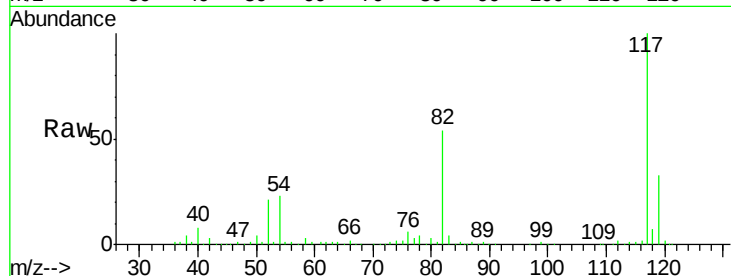
Tot Ion:117 Resp: 268636

Ion Ratio Lower Upper

117 100

82 54.0 45.0 67.4

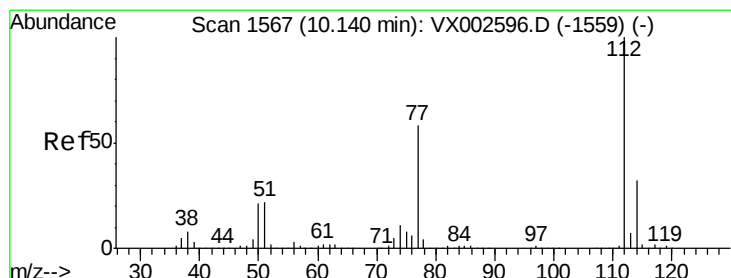
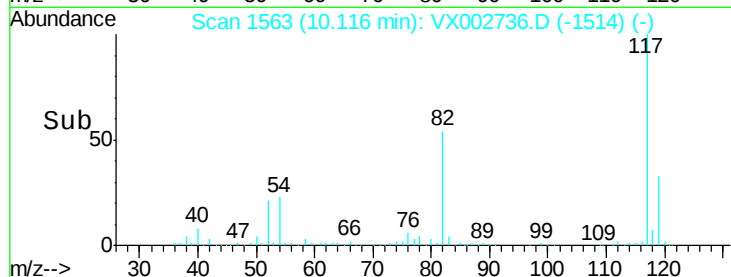
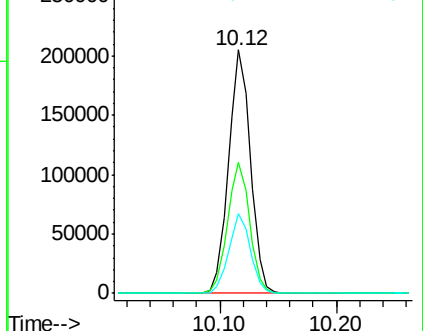
119 33.0 25.8 38.6



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



#65

Chlorobenzene

Concen: 79.17 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002736.D

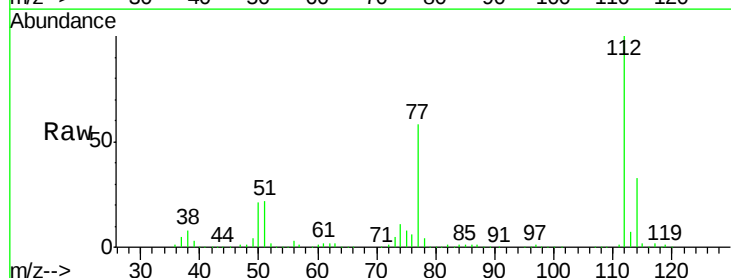
Acq: 20 Jun 2018 12:48

Tgt Ion:112 Resp: 522309

Ion Ratio Lower Upper

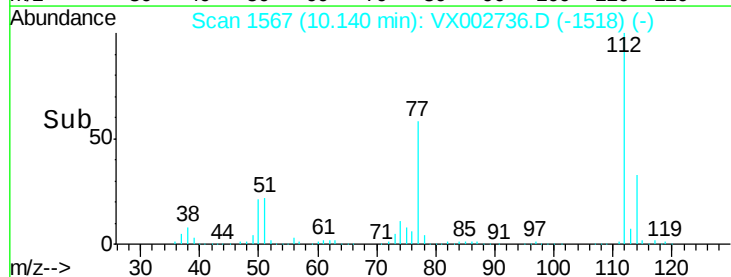
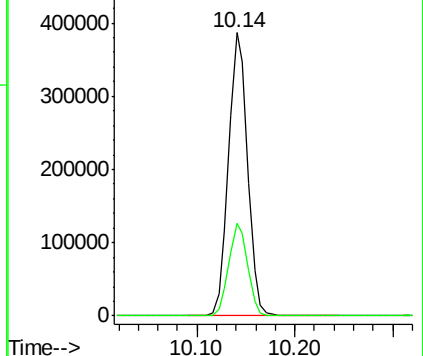
112 100

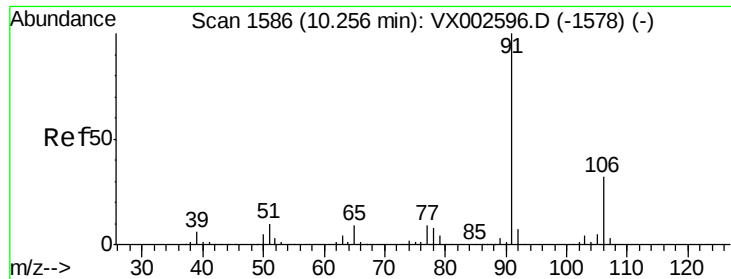
114 32.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

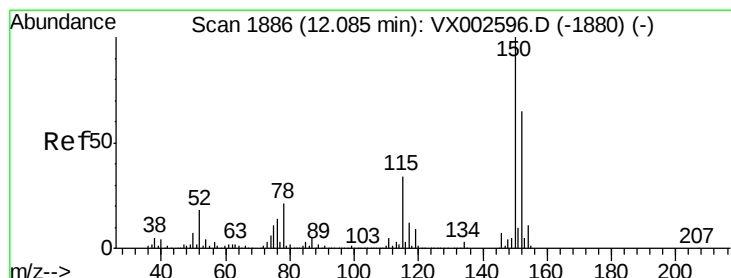
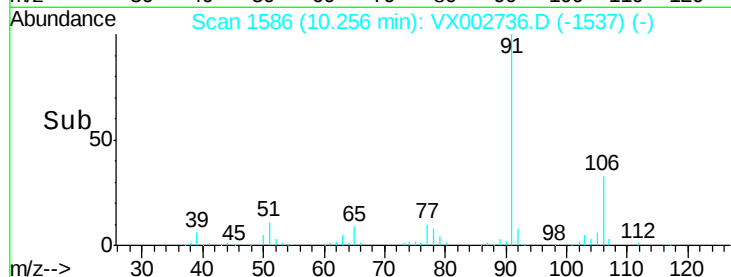
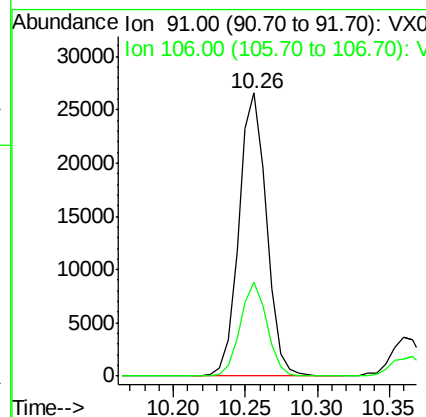
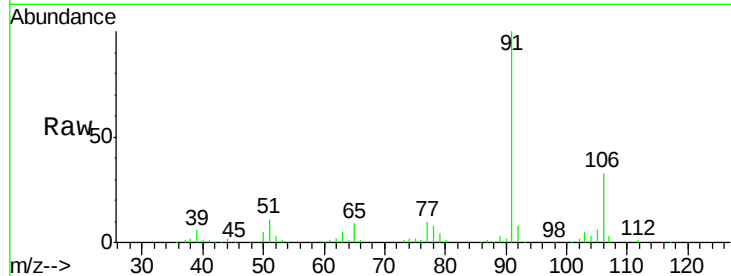




#67
Ethyl Benzene
Concen: 3.20 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002736.D
Acq: 20 Jun 2018 12:48

Instrument :
MSVOA_X
ClientSampled :
S36-0136DL

Tot Ion: 91 Resp: 35557
Ion Ratio Lower Upper
91 100
106 33.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002736.D
Acq: 20 Jun 2018 12:48

Tgt Ion: 152 Resp: 155459
Ion Ratio Lower Upper
152 100
115 54.0 40.1 120.2
150 156.0 0.0 347.2

