

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005680.D
 Acq On : 30 Oct 2018 00:56
 Operator : JC/MD
 Sample : PB114242TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114242TB

Quant Time: Oct 30 05:08:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

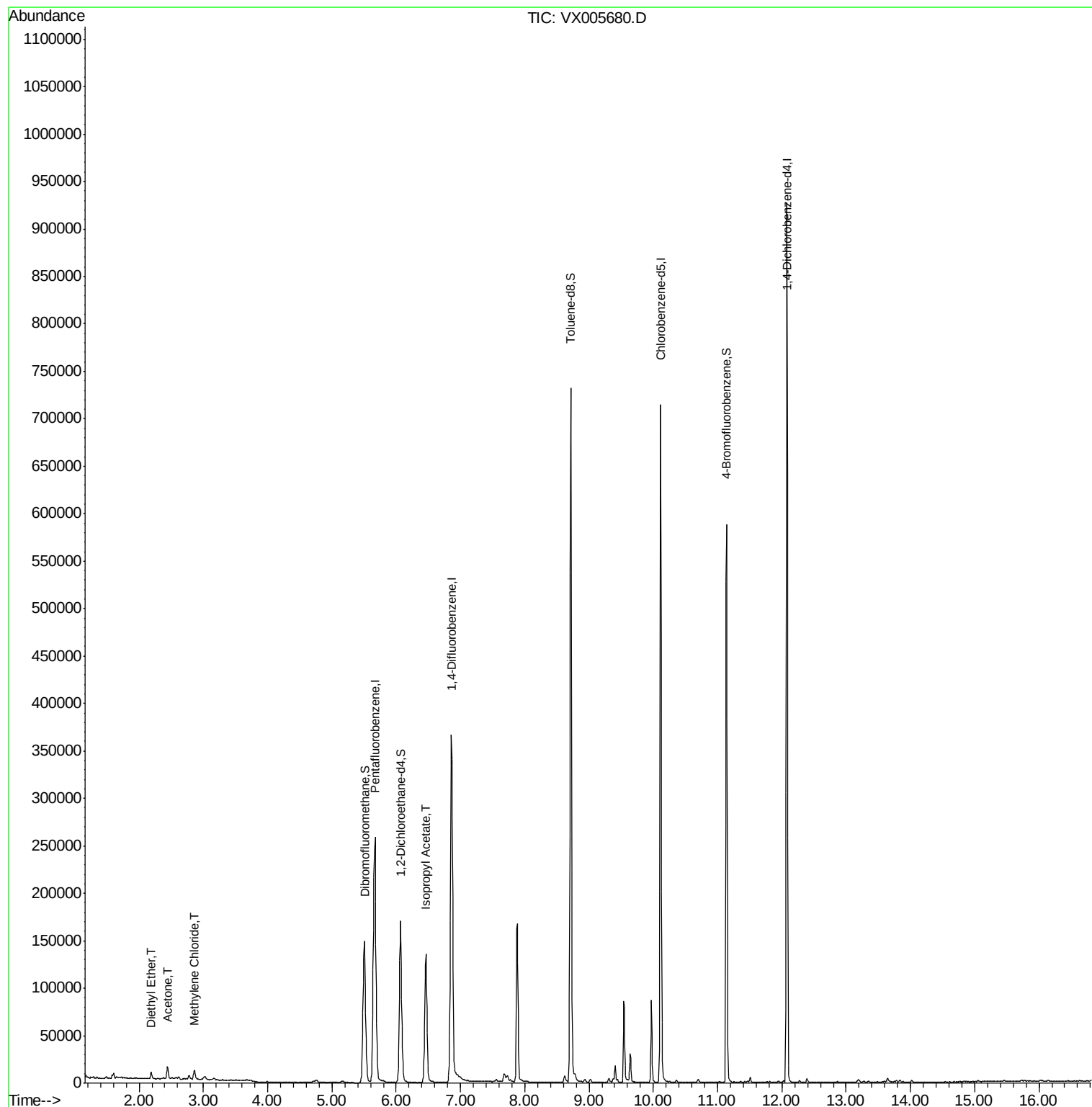
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149249	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
35) Dibromofluoromethane	5.51	113	124206	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
50) Toluene-d8	8.71	98	450675	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.14	95	150835	42.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.68%	
Target Compounds						
8) Diethyl Ether	2.19	74	2443	1.357	ug/l	96
16) Acetone	2.44	43	13253	7.820	ug/l	90
20) Methylene Chloride	2.86	84	4234	1.492	ug/l	84
43) Isopropyl Acetate	6.46	43	176532	24.537	ug/l	98

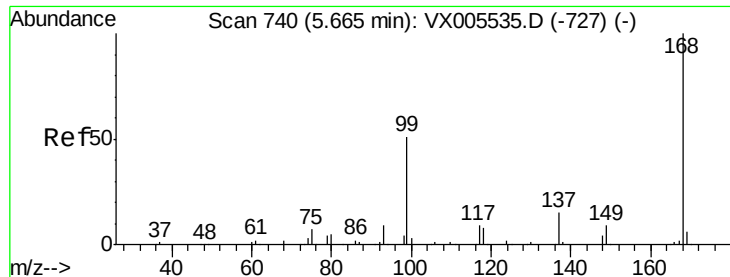
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
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Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005680.D

Acq: 30 Oct 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

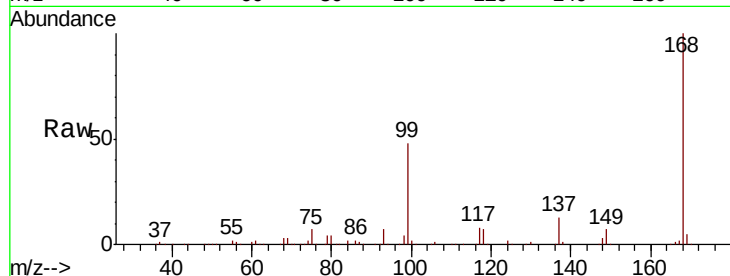
PB114242TB

Tot Ion:168 Resp: 262750

Ion Ratio Lower Upper

168 100

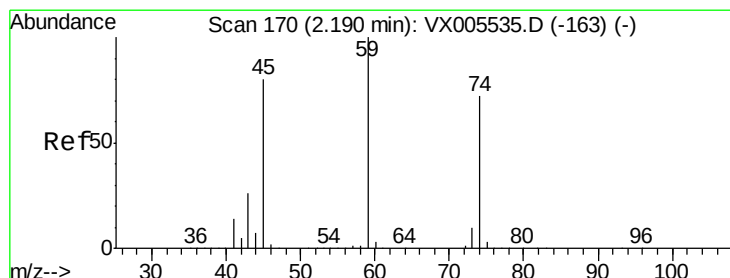
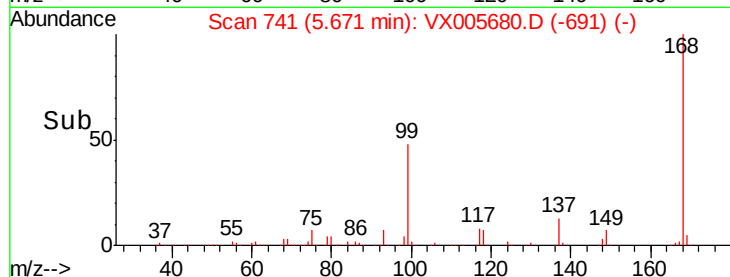
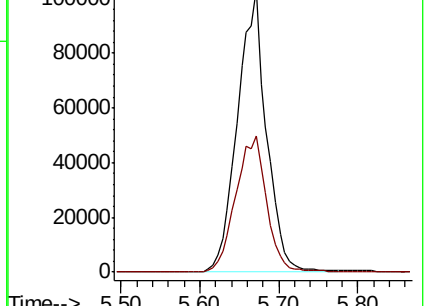
99 48.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67



#8

Diethyl Ether

Concen: 1.357 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005680.D

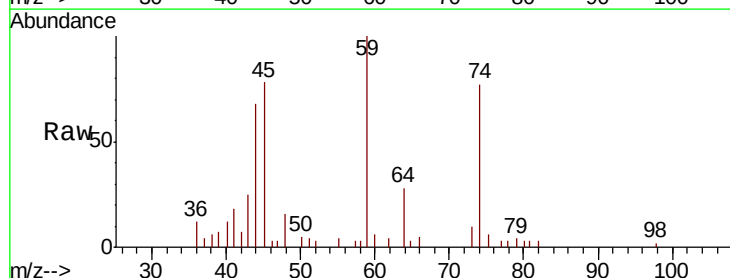
Acq: 30 Oct 2018 00:56

Tgt Ion: 74 Resp: 2443

Ion Ratio Lower Upper

74 100

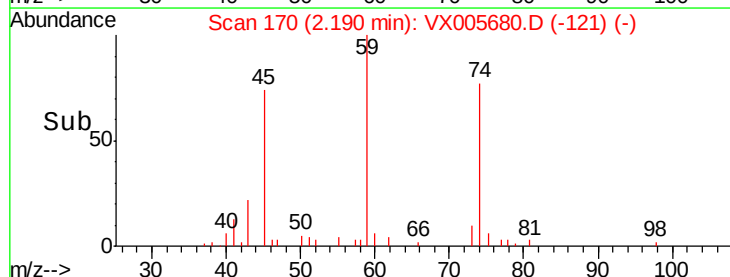
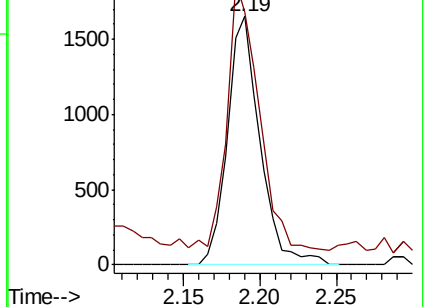
45 104.5 54.1 162.3

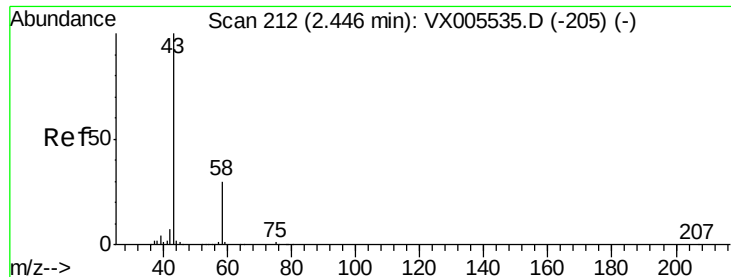


Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19





#16

Acetone

Concen: 7.820 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005680.D

Acq: 30 Oct 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

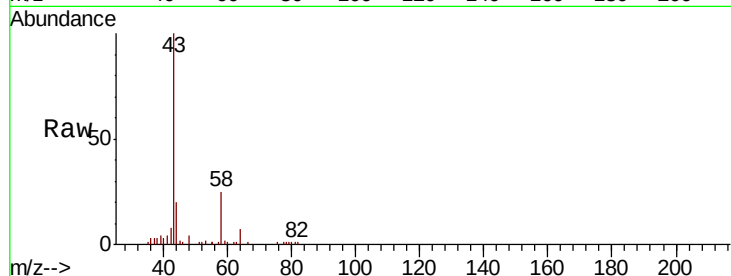
PB114242TB

Tot Ion: 43 Resp: 13253

Ion Ratio Lower Upper

43 100

58 24.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

8000

6000

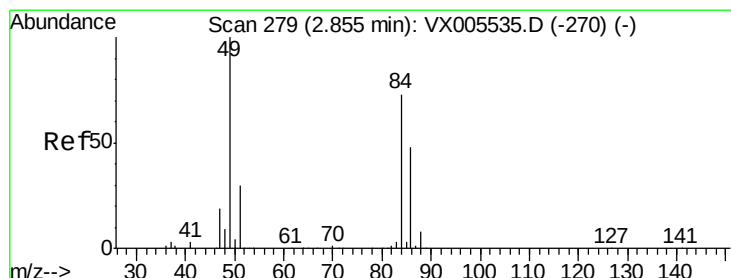
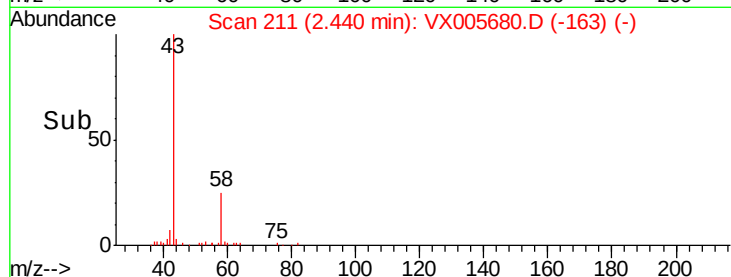
4000

2000

0

Time-->

2.35 2.40 2.45 2.50 2.55



#20

Methylene Chloride

Concen: 1.492 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005680.D

Acq: 30 Oct 2018 00:56

Tgt Ion: 84 Resp: 4234

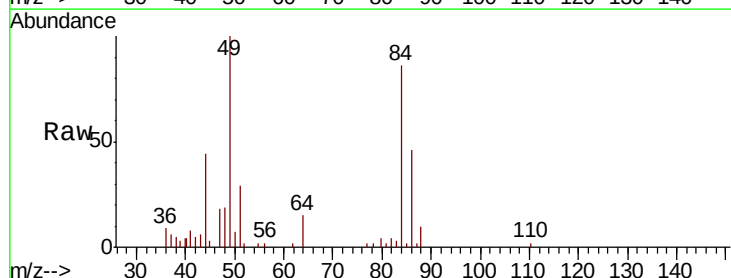
Ion Ratio Lower Upper

84 100

49 116.0 109.5 164.3

51 33.8 33.3 49.9

86 53.4 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

4000

3000

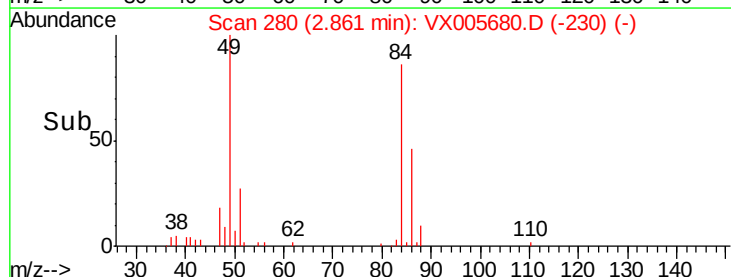
2000

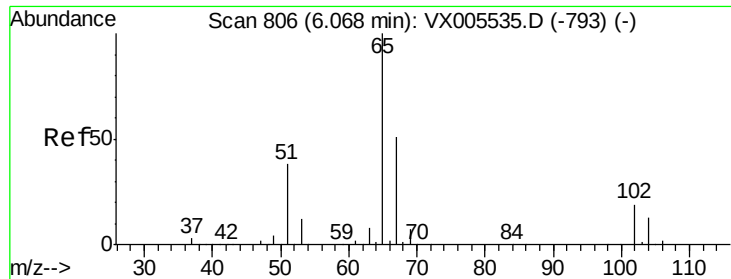
1000

0

Time-->

2.80 2.85 2.90 2.95

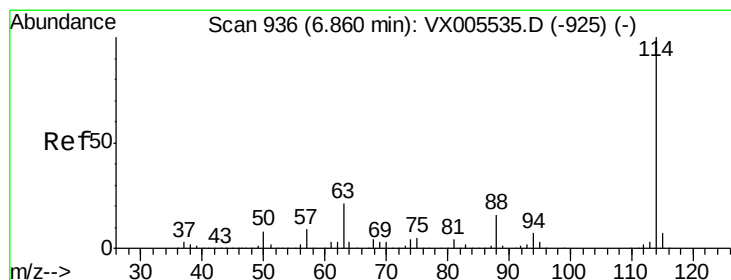
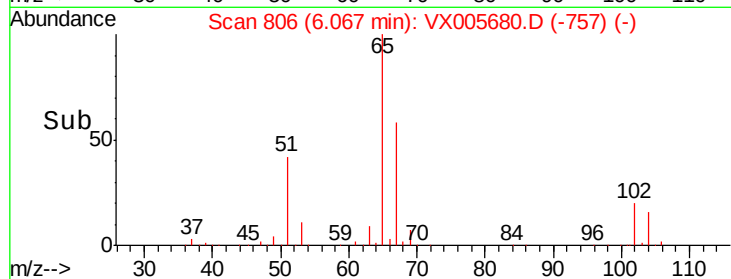
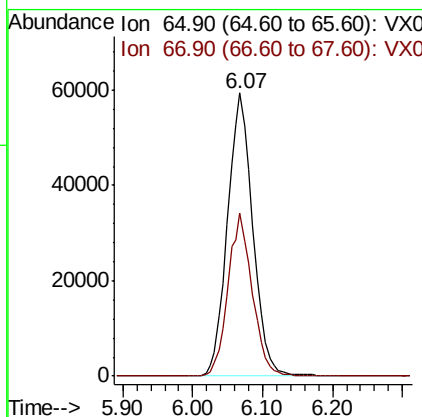
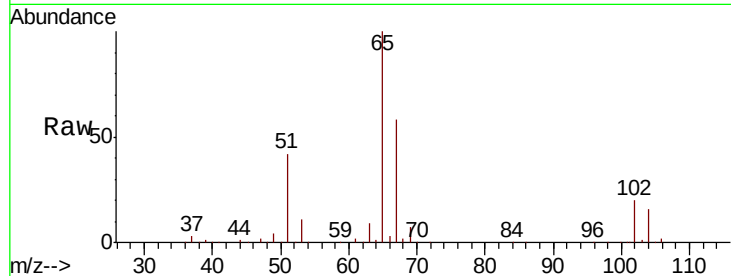




#33
 1,2-Dichloroethane-d4
 Concen: 46.533 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005680.D
 Acq: 30 Oct 2018 00:56

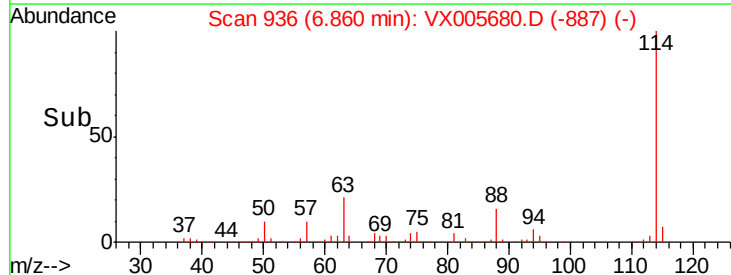
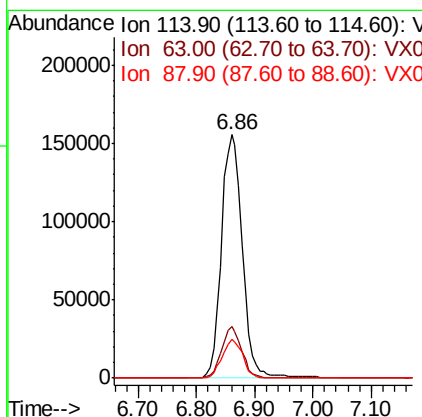
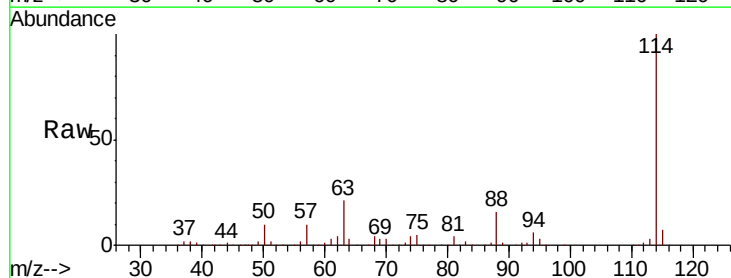
Instrument :
 MSVOA_X
 ClientSampleId :
 PB114242TB

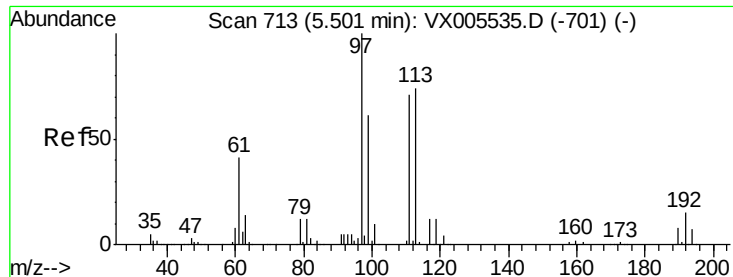
Tot Ion: 65 Resp: 149249
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005680.D
 Acq: 30 Oct 2018 00:56

Tgt Ion: 114 Resp: 387697
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.8
 88 15.8 0.0 31.2

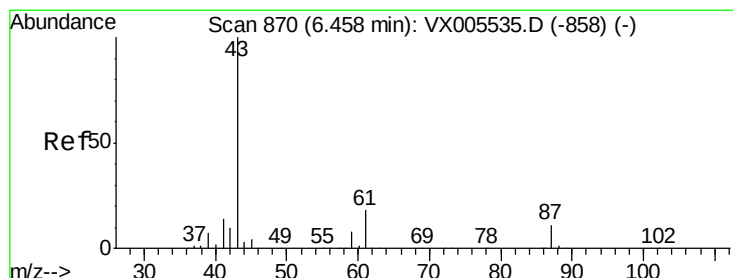
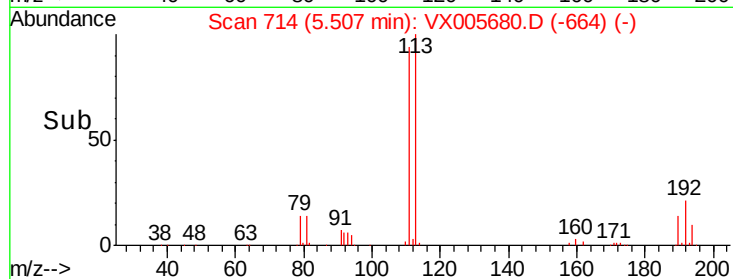
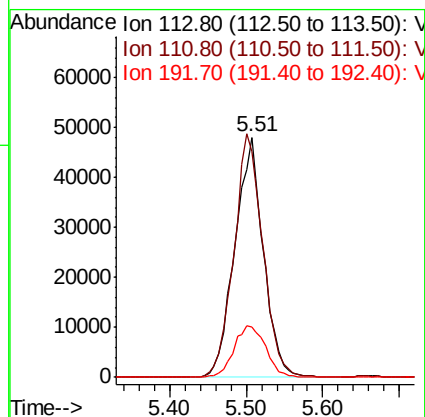
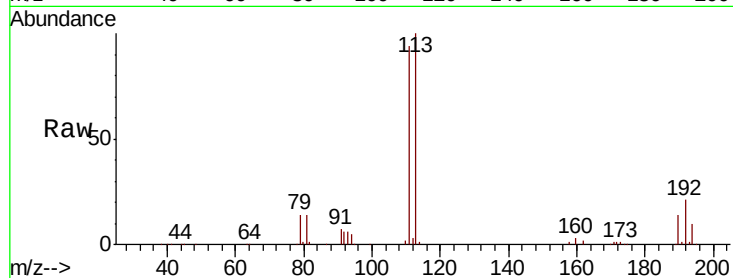




#35
 Dibromofluoromethane
 Concen: 47.314 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005680.D
 Acq: 30 Oct 2018 00:56

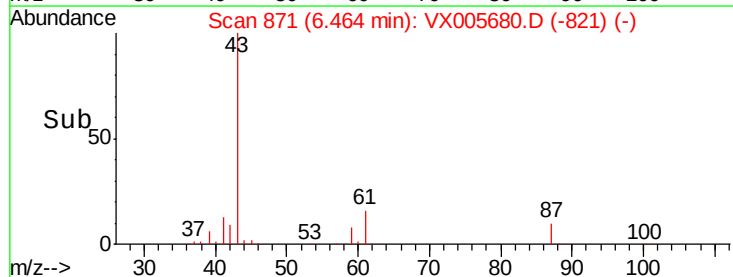
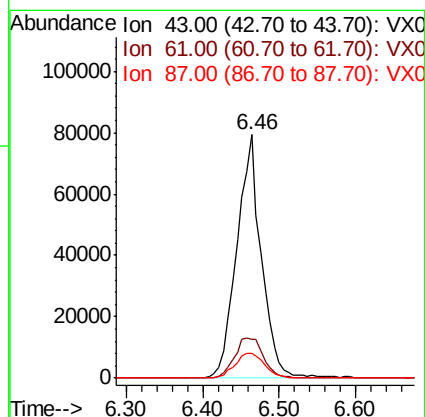
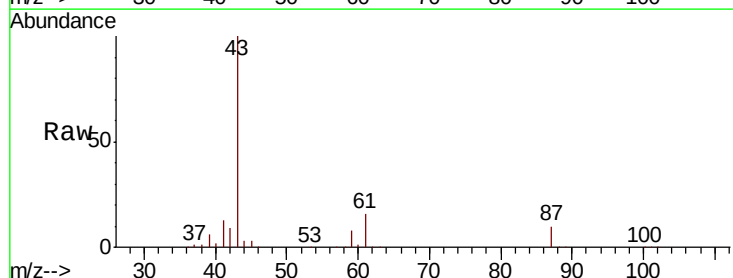
Instrument :
 MSVOA_X
 ClientSampleId :
 PB114242TB

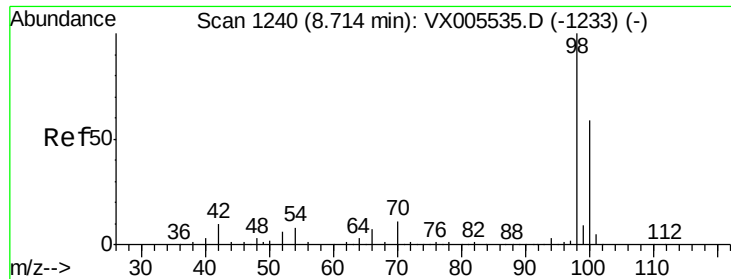
Tot Ion:113 Resp: 124206
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.3 123.5
 192 23.9 17.9 26.9



#43
 Isopropyl Acetate
 Concen: 24.537 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005680.D
 Acq: 30 Oct 2018 00:56

Tgt Ion: 43 Resp: 176532
 Ion Ratio Lower Upper
 43 100
 61 19.4 14.6 22.0
 87 12.4 9.6 14.4





#50

Toluene-d8

Concen: 47.778 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005680.D

Acq: 30 Oct 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

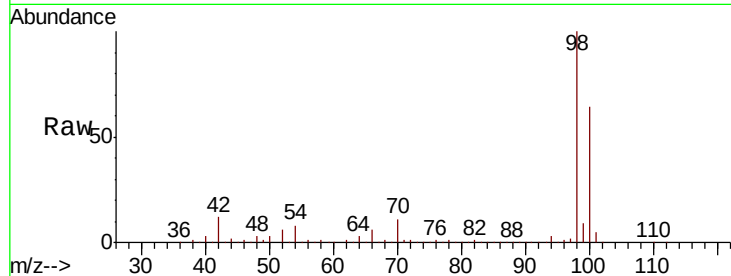
PB114242TB

Tot Ion: 98 Resp: 450675

Ion Ratio Lower Upper

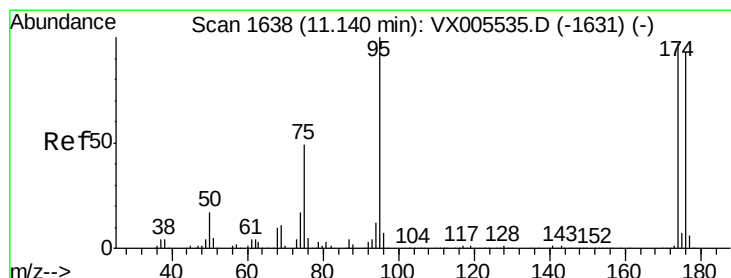
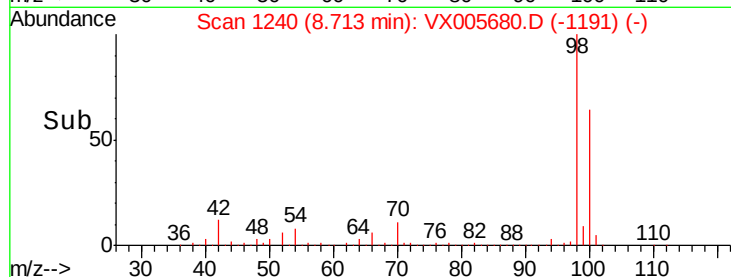
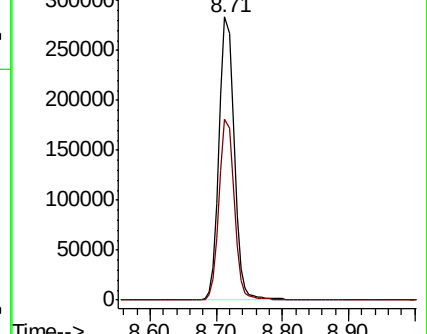
98 100

100 63.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 42.343 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005680.D

Acq: 30 Oct 2018 00:56

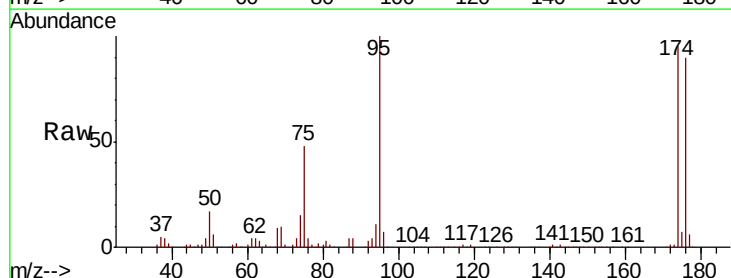
Tgt Ion: 95 Resp: 150835

Ion Ratio Lower Upper

95 100

174 92.5 0.0 184.4

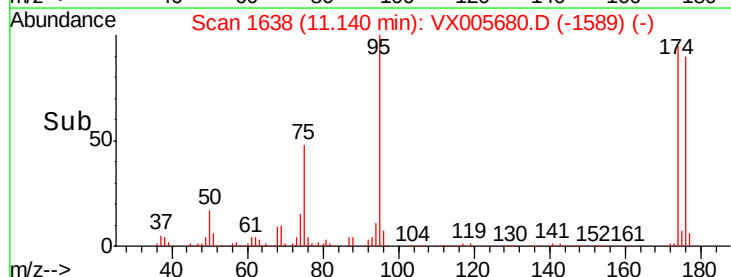
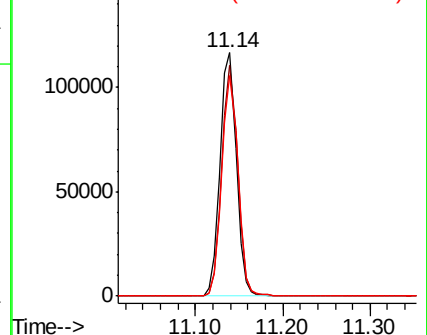
176 89.9 0.0 177.4

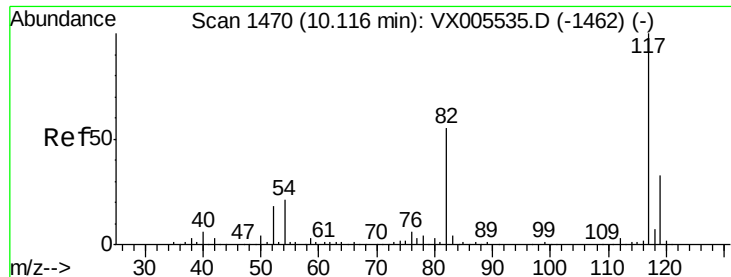


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

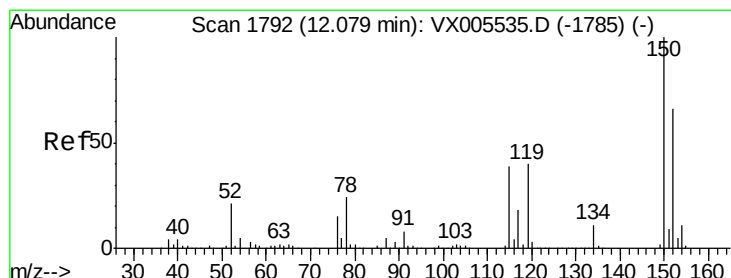
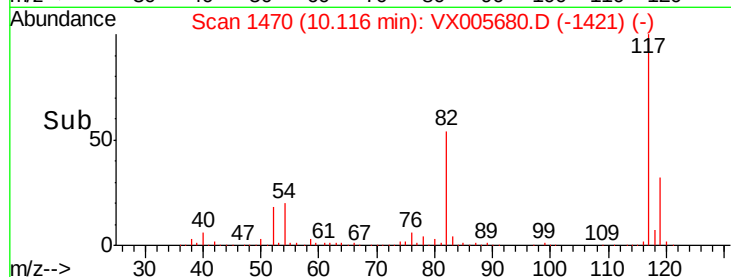
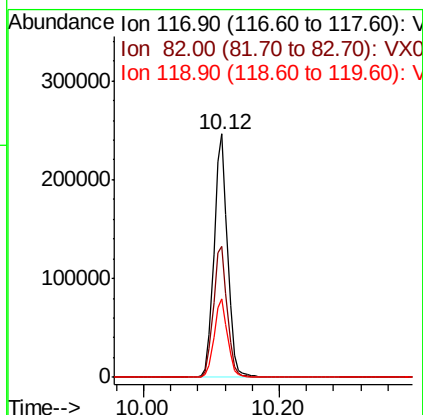
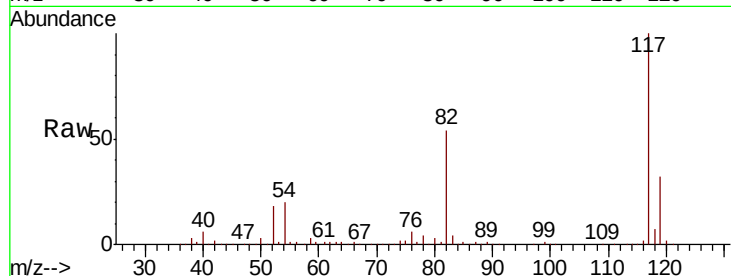




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005680.D
Acq: 30 Oct 2018 00:56

Instrument :
MSVOA_X
ClientSampleId :
PB114242TB

Tot Ion:117 Resp: 338077
Ion Ratio Lower Upper
117 100
82 53.7 44.1 66.1
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005680.D
Acq: 30 Oct 2018 00:56

Tgt Ion:152 Resp: 188921
Ion Ratio Lower Upper
152 100
115 56.2 39.4 118.1
150 158.4 0.0 346.4

