

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005692.D
 Acq On : 30 Oct 2018 15:27
 Operator : JC/MD
 Sample : PB114242ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114242ZHE#03

Quant Time: Oct 31 01:35:42 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

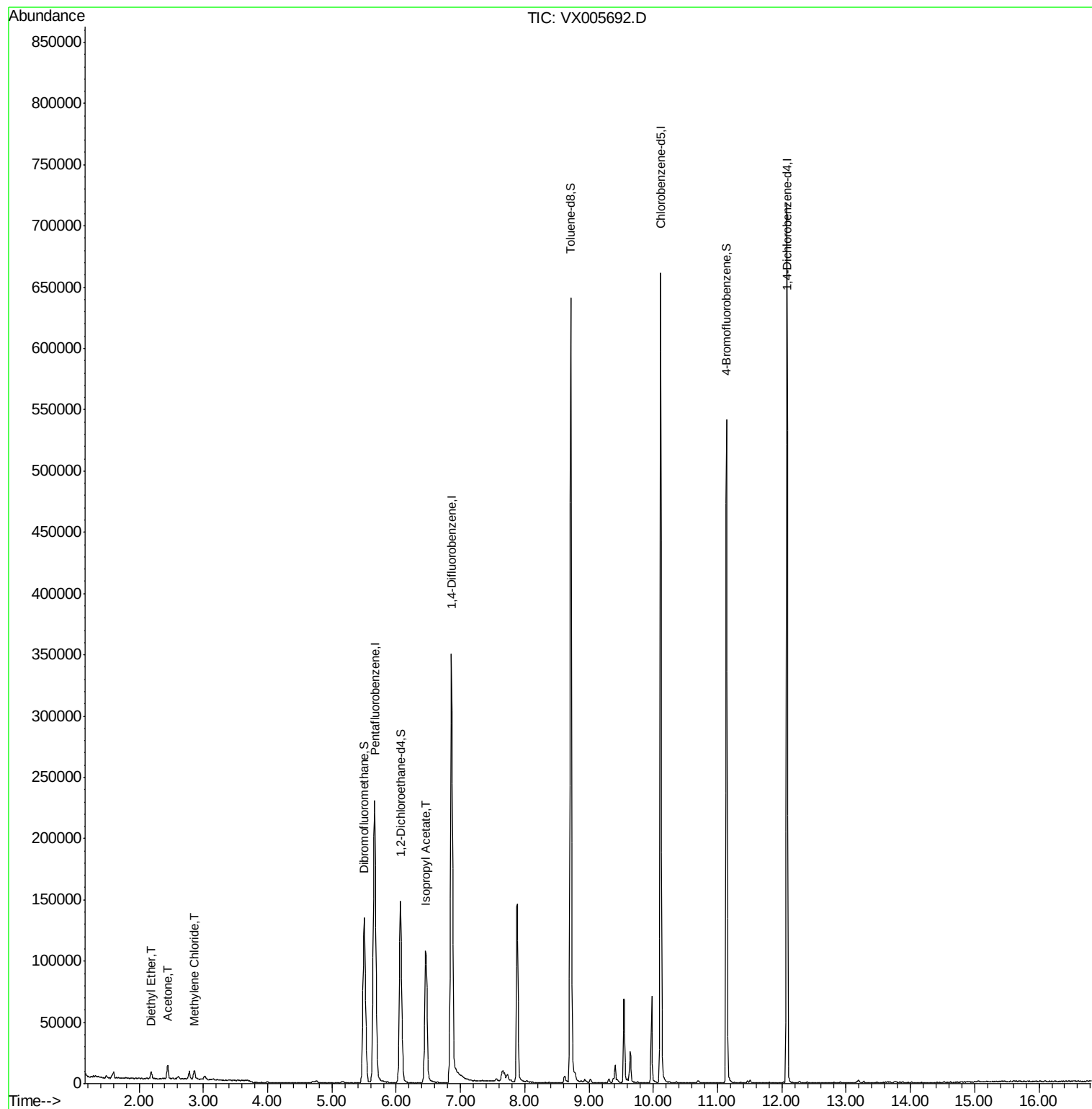
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	231933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141160	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	5.50	113	112512	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	8.71	98	398135	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.14	95	133089	42.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.60%	
Target Compounds						
8) Diethyl Ether	2.19	74	2146	1.35	ug/l	93
16) Acetone	2.45	43	11979	8.01	ug/l	95
20) Methylene Chloride	2.86	84	3248	1.30	ug/l	93
43) Isopropyl Acetate	6.46	43	152714	24.32	ug/l	99

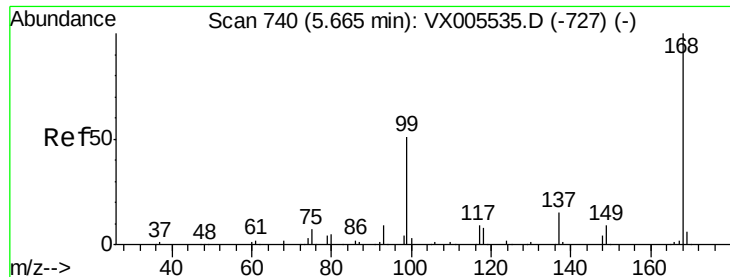
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005692.D

Acq: 30 Oct 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

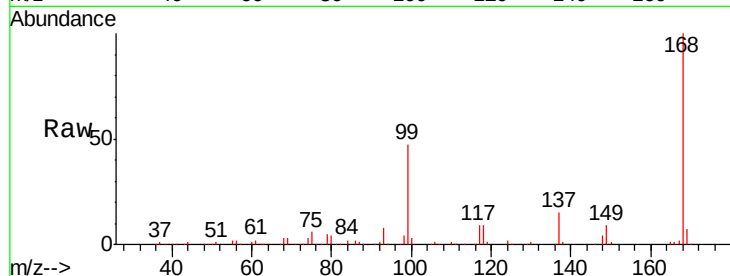
PB114242ZHE#03

Tgt Ion:168 Resp: 231933

Ion Ratio Lower Upper

168 100

99 46.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

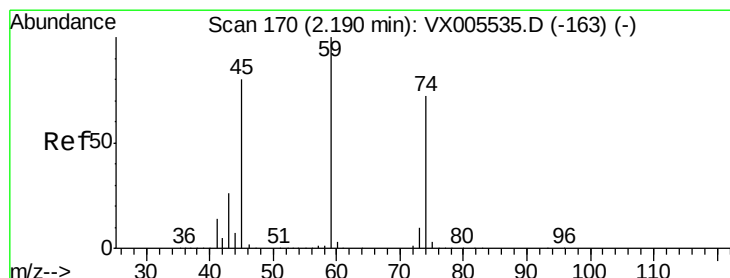
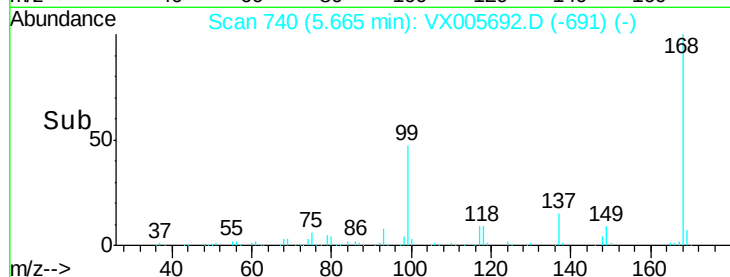
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.35 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005692.D

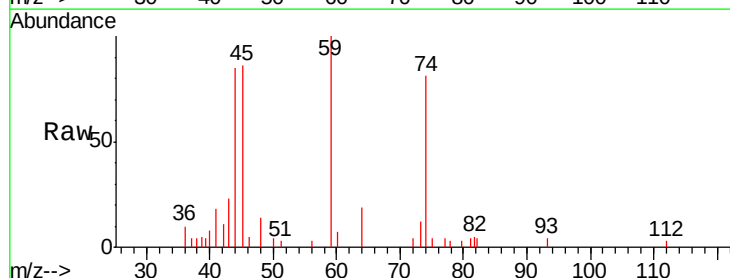
Acq: 30 Oct 2018 15:27

Tgt Ion: 74 Resp: 2146

Ion Ratio Lower Upper

74 100

45 100.4 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

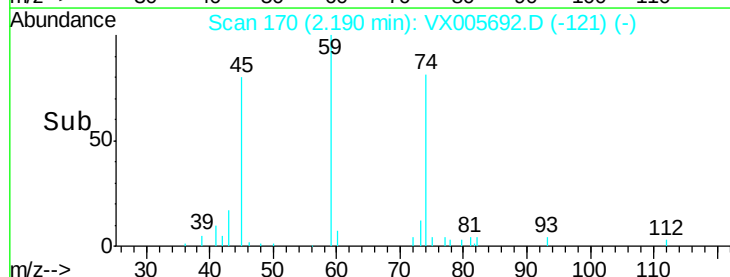
1500

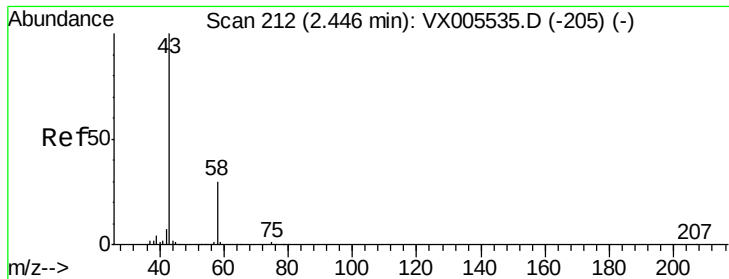
1000

500

0

Time--> 2.15 2.20 2.25





#16

Acetone

Concen: 8.01 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005692.D

Acq: 30 Oct 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

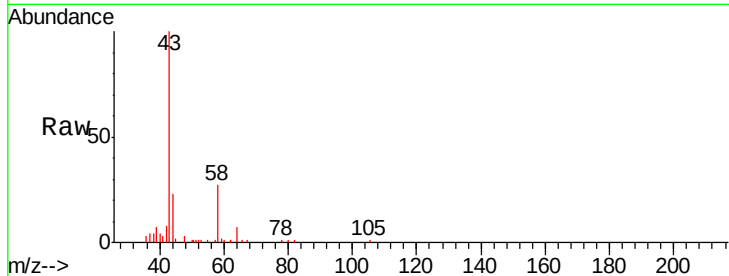
PB114242ZHE#03

Tgt Ion: 43 Resp: 11979

Ion Ratio Lower Upper

43 100

58 27.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

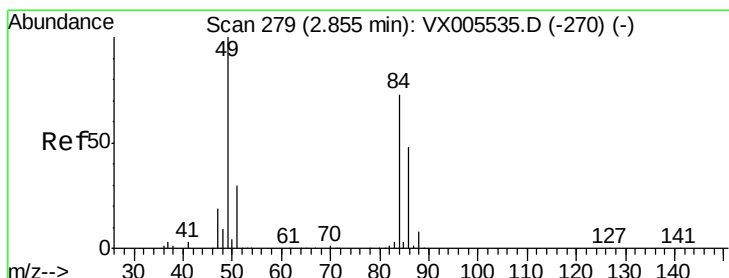
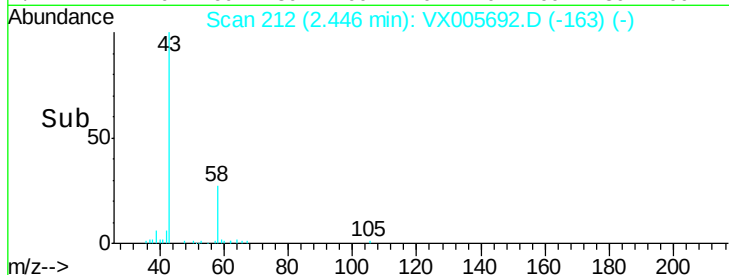
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

2.45



#20

Methylene Chloride

Concen: 1.30 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005692.D

Acq: 30 Oct 2018 15:27

Tgt Ion: 84 Resp: 3248

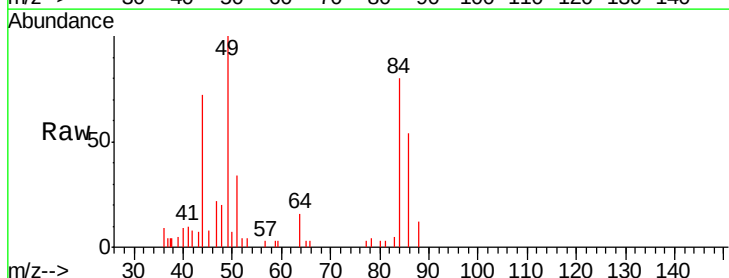
Ion Ratio Lower Upper

84 100

49 124.6 109.5 164.3

51 38.1 33.3 49.9

86 66.7 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

3000

2500

2000

1500

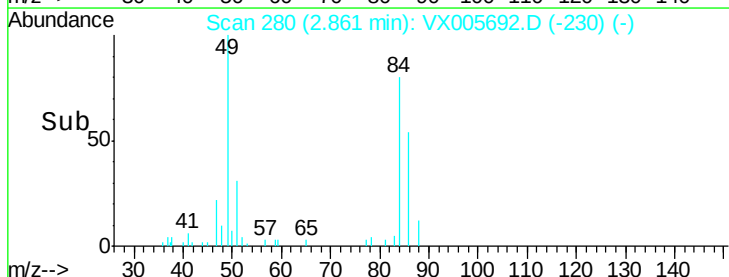
1000

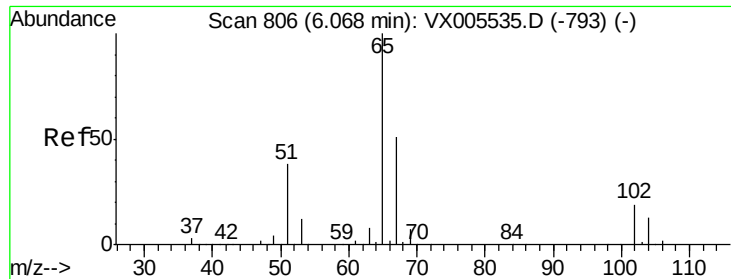
500

0

Time--> 2.75 2.80 2.85 2.90 2.95

2.86

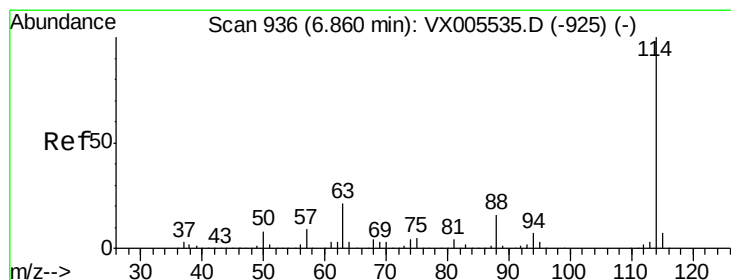
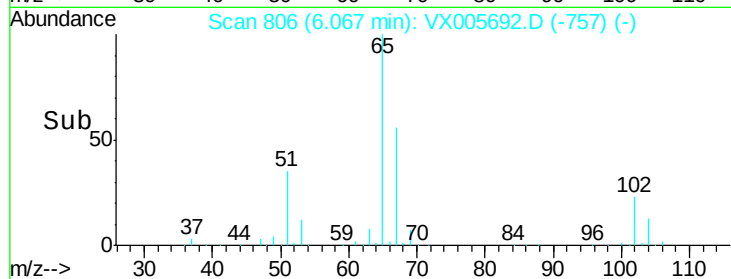
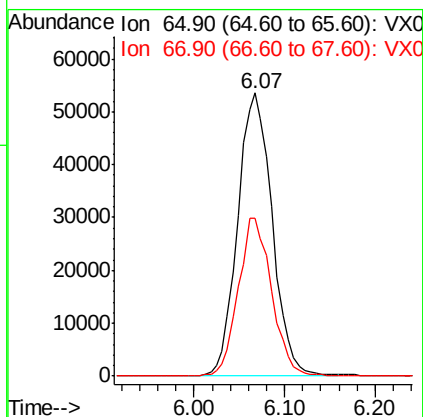
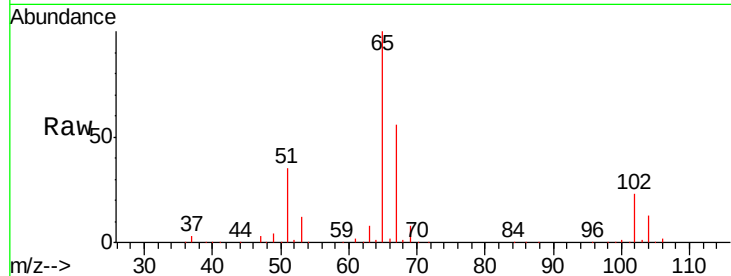




#33
 1,2-Dichloroethane-d4
 Concen: 49.86 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005692.D
 Acq: 30 Oct 2018 15:27

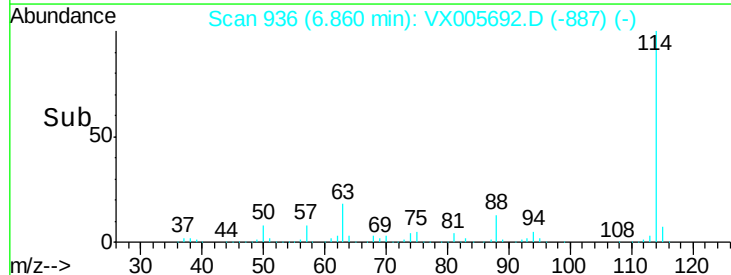
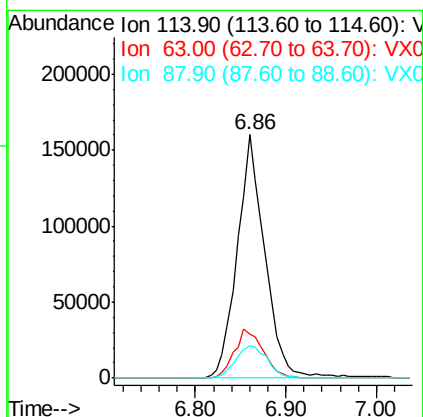
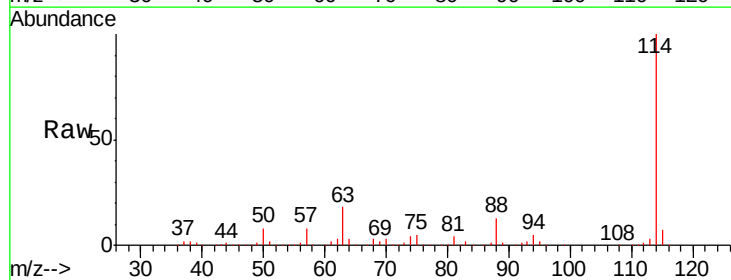
Instrument :
 MSVOA_X
 ClientSampleId :
 PB114242ZHE#03

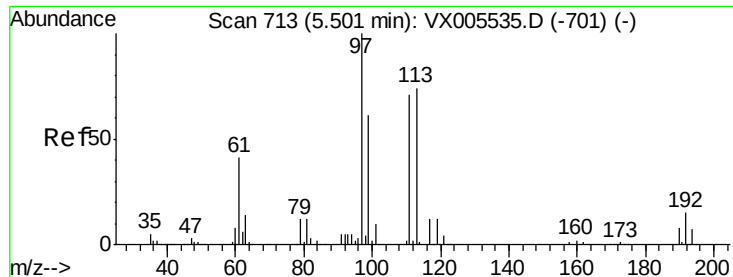
Tgt Ion: 65 Resp: 141160
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005692.D
 Acq: 30 Oct 2018 15:27

Tgt Ion: 114 Resp: 338416
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 42.8
 88 13.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.10 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005692.D

Acq: 30 Oct 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

PB114242ZHE#03

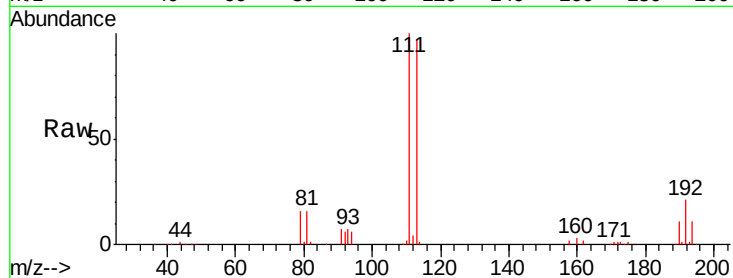
Tgt Ion:113 Resp: 112512

Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

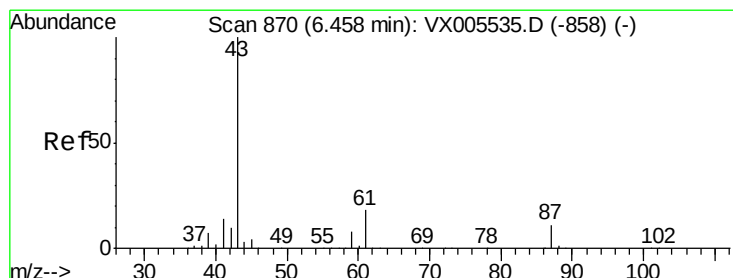
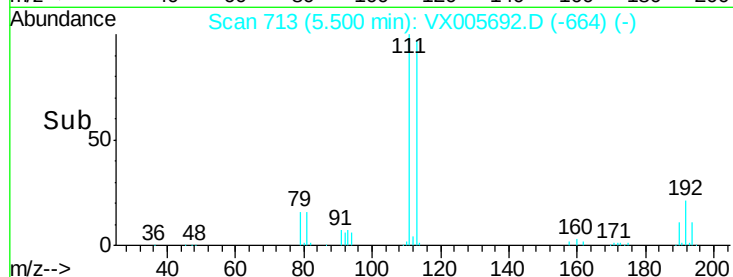
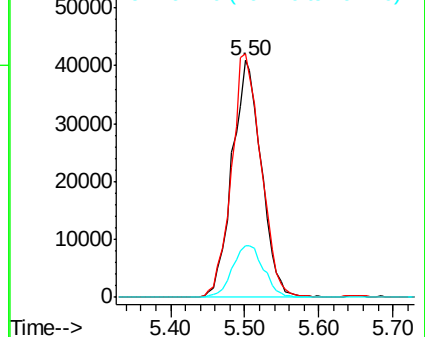
192 23.4 17.9 26.9



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



#43

Isopropyl Acetate

Concen: 24.32 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005692.D

Acq: 30 Oct 2018 15:27

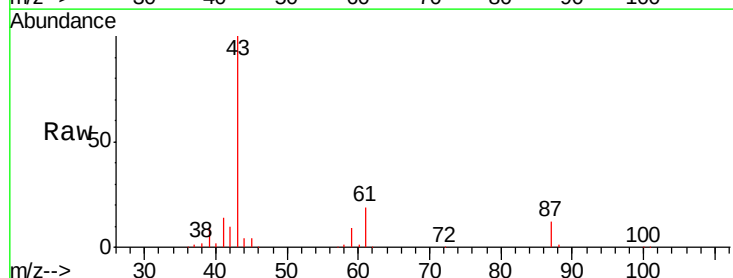
Tgt Ion: 43 Resp: 152714

Ion Ratio Lower Upper

43 100

61 18.9 14.6 22.0

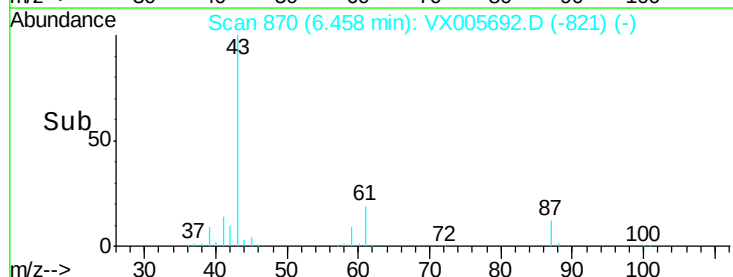
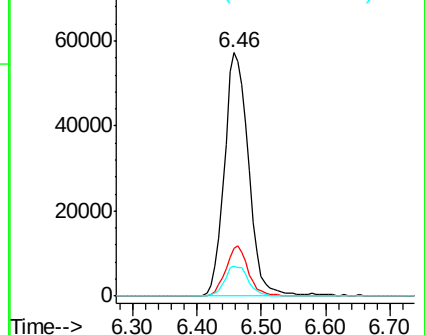
87 12.1 9.6 14.4

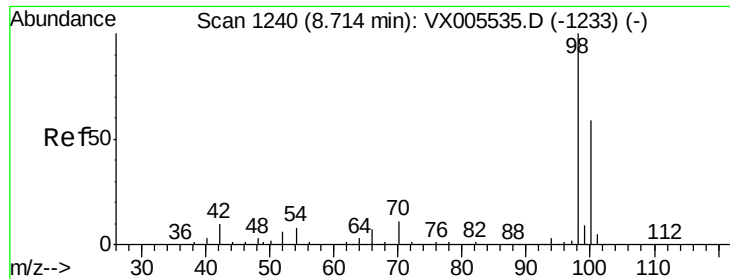


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 48.35 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005692.D

Acq: 30 Oct 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

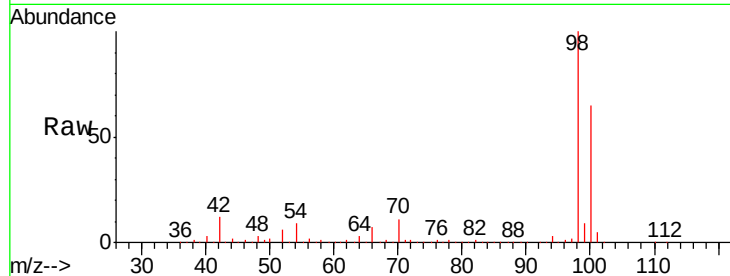
PB114242ZHE#03

Tgt Ion: 98 Resp: 398135

Ion Ratio Lower Upper

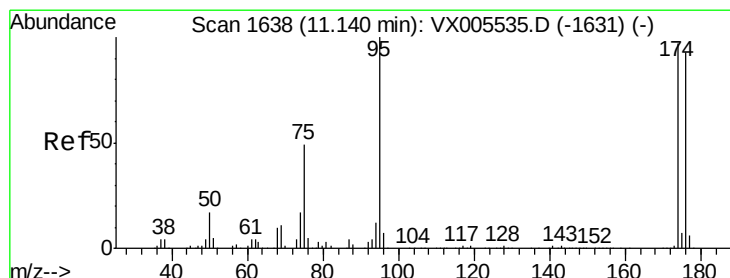
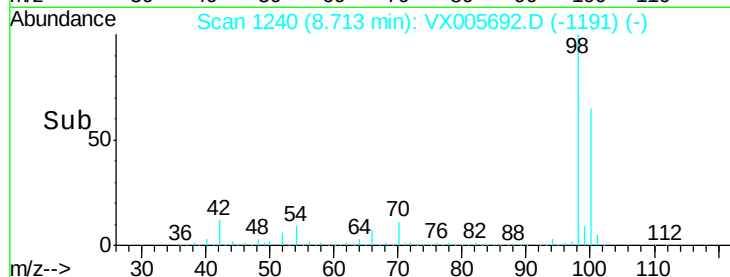
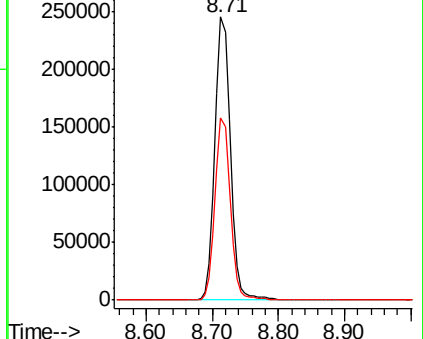
98 100

100 63.8 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: 42.80 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005692.D

Acq: 30 Oct 2018 15:27

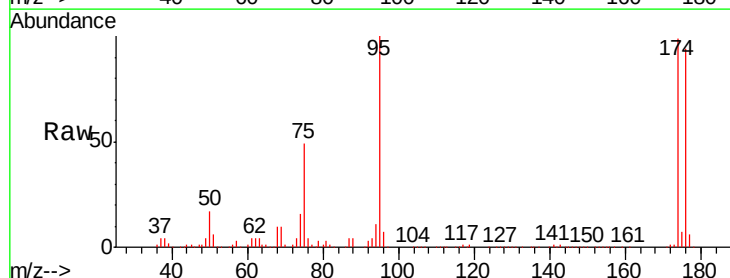
Tgt Ion: 95 Resp: 133089

Ion Ratio Lower Upper

95 100

174 94.6 0.0 184.4

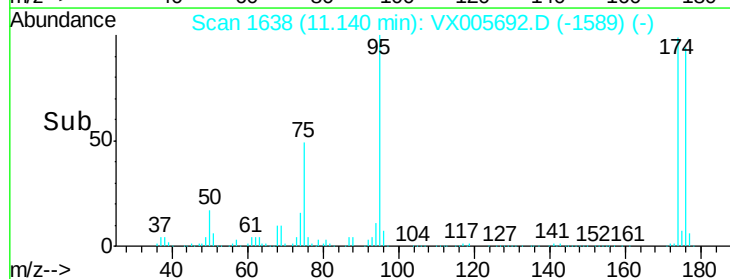
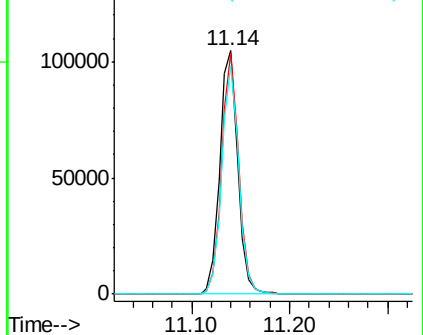
176 89.8 0.0 177.4

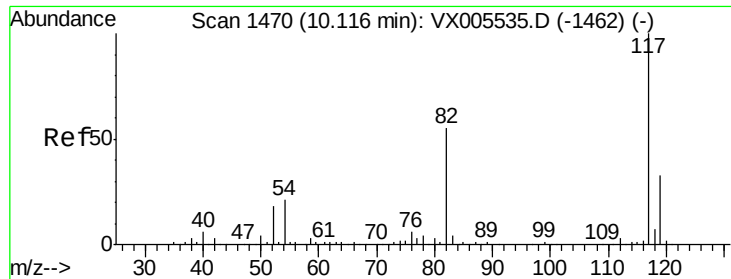


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

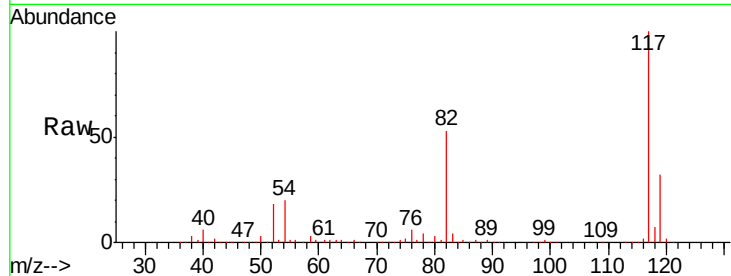




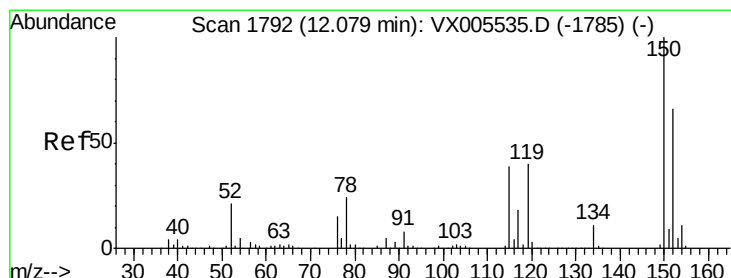
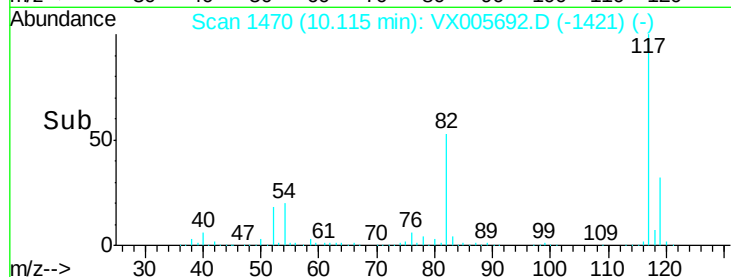
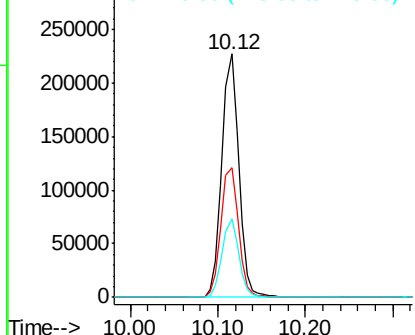
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005692.D
Acq: 30 Oct 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
PB114242ZHE#03

Tgt Ion:117 Resp: 304789
Ion Ratio Lower Upper
117 100
82 53.4 44.1 66.1
119 32.3 26.2 39.2

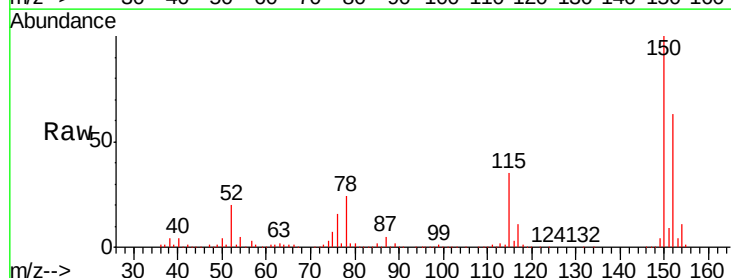


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005692.D
Acq: 30 Oct 2018 15:27

Tgt Ion:152 Resp: 144509
Ion Ratio Lower Upper
152 100
115 54.8 39.4 118.1
150 157.1 0.0 346.4



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

