

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005691.D
 Acq On : 30 Oct 2018 15:00
 Operator : JC/MD
 Sample : PB114242ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114242ZHE#02

Quant Time: Oct 31 01:29:01 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

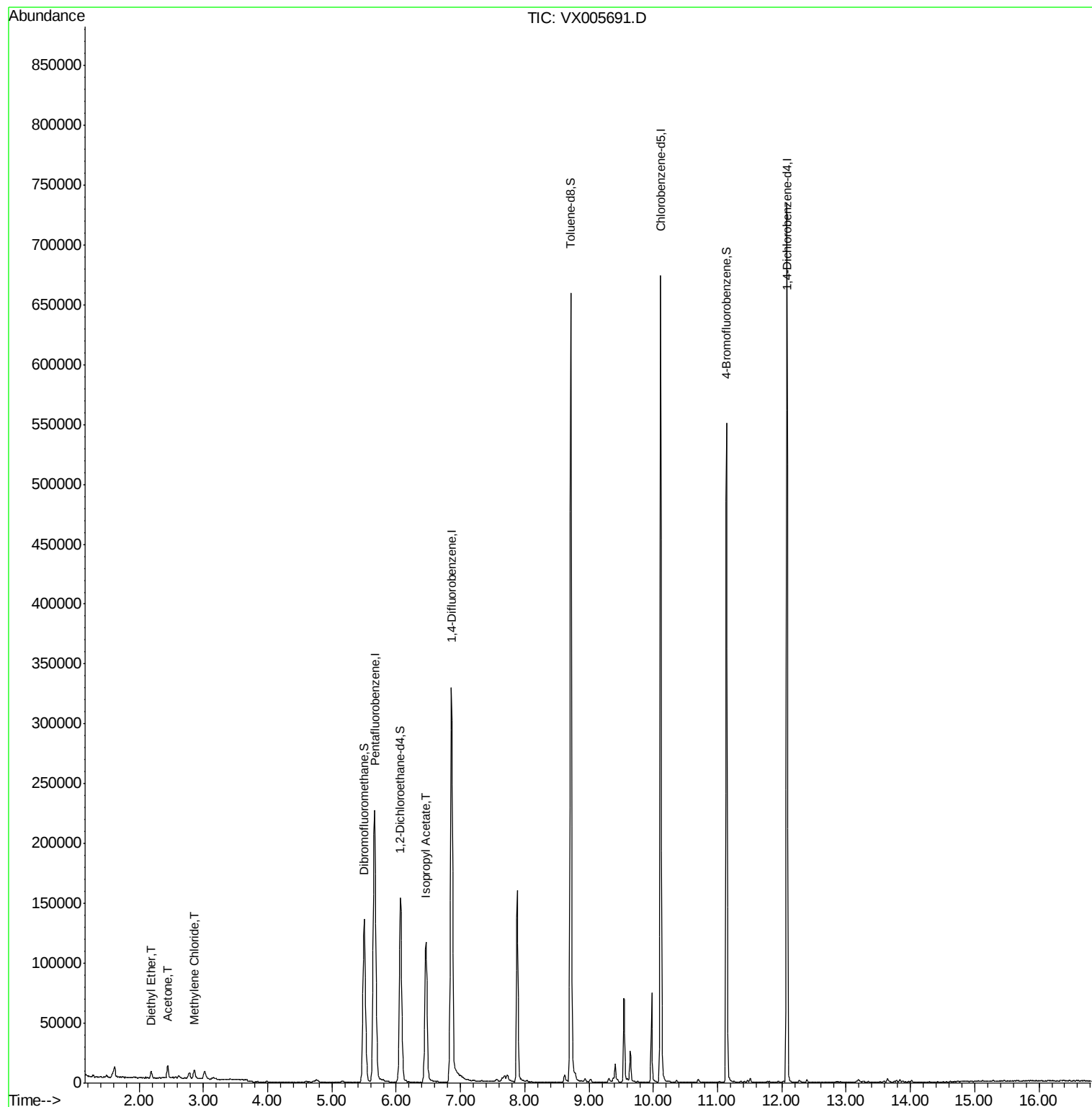
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	146620	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
35) Dibromofluoromethane	5.50	113	113076	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	8.71	98	410851	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.14	95	139290	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.06%	
Target Compounds						
8) Diethyl Ether	2.19	74	1853	1.12	ug/l	91
16) Acetone	2.45	43	11430	7.36	ug/l	96
20) Methylene Chloride	2.85	84	3239	1.25	ug/l #	91
43) Isopropyl Acetate	6.46	43	160331	25.38	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005691.D

Acq: 30 Oct 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

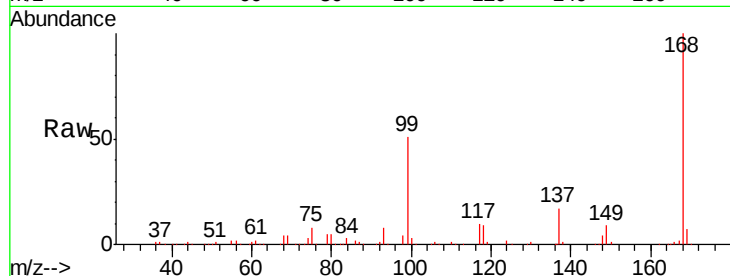
PB114242ZHE#02

Tgt Ion:168 Resp: 240705

Ion Ratio Lower Upper

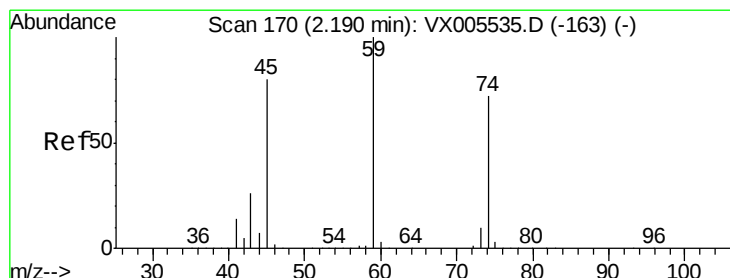
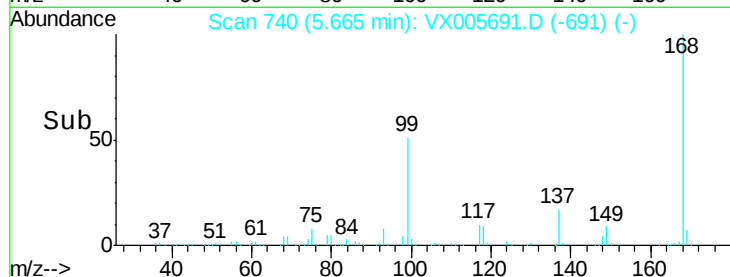
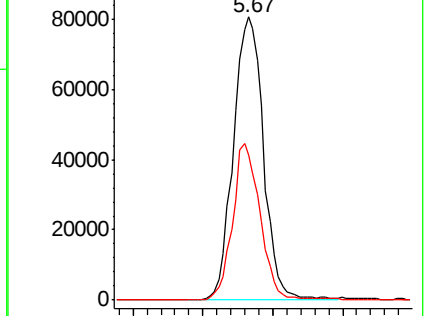
168 100

99 51.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 1.12 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005691.D

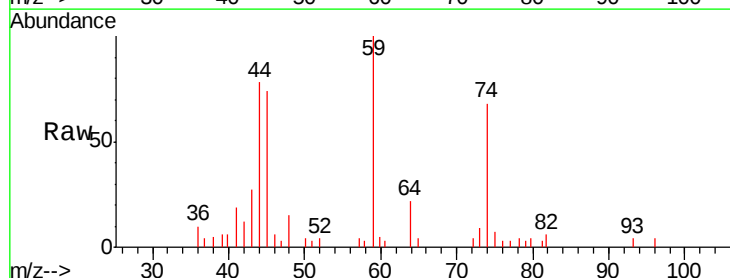
Acq: 30 Oct 2018 15:00

Tgt Ion: 74 Resp: 1853

Ion Ratio Lower Upper

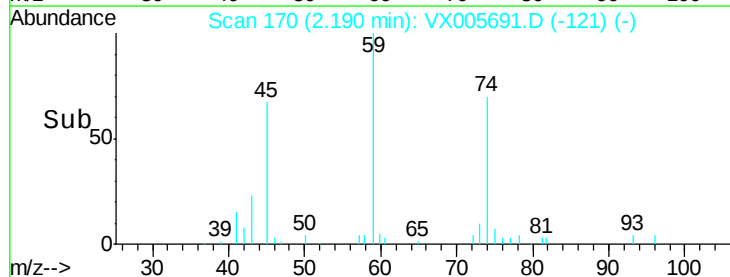
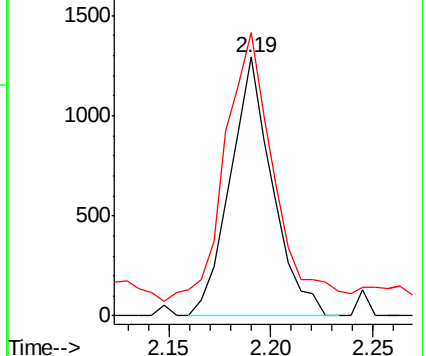
74 100

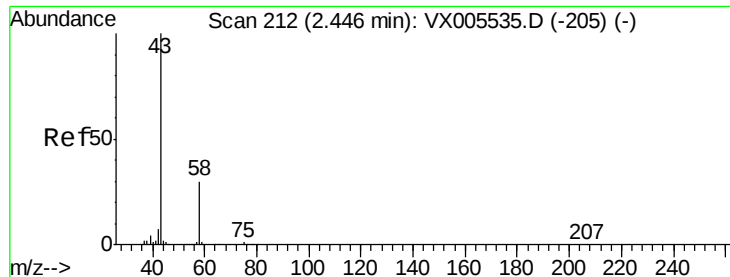
45 117.6 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#16

Acetone

Concen: 7.36 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005691.D

Acq: 30 Oct 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

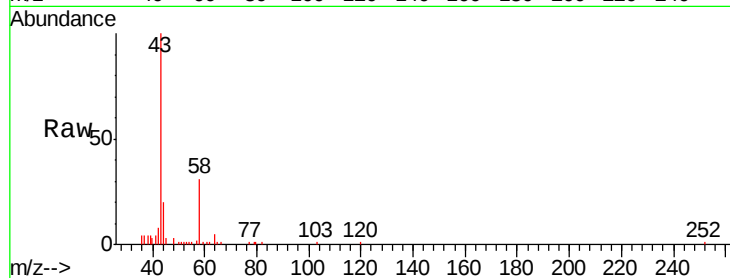
PB114242ZHE#02

Tgt Ion: 43 Resp: 11430

Ion Ratio Lower Upper

43 100

58 31.7 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

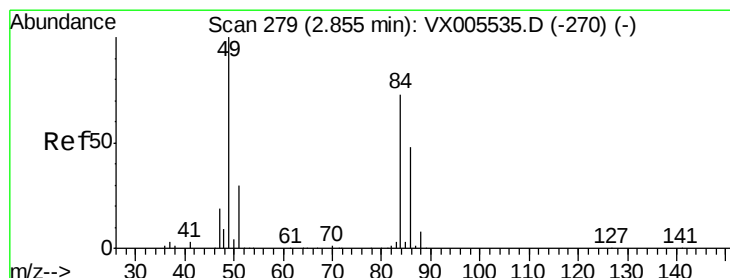
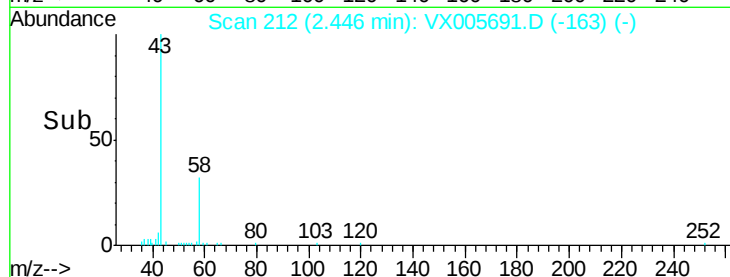
4000

2000

0

2.35 2.40 2.45 2.50 2.55

Time-->



#20

Methylene Chloride

Concen: 1.25 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX005691.D

Acq: 30 Oct 2018 15:00

Tgt Ion: 84 Resp: 3239

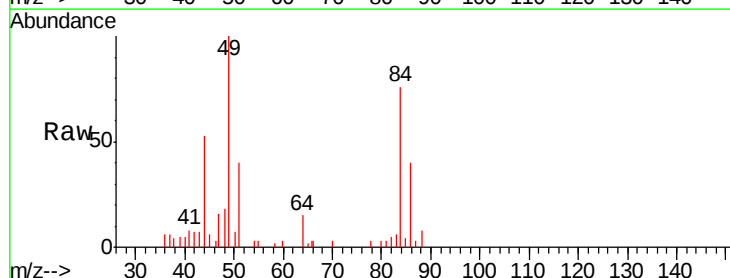
Ion Ratio Lower Upper

84 100

49 132.0 109.5 164.3

51 48.8 33.3 49.9

86 52.6 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

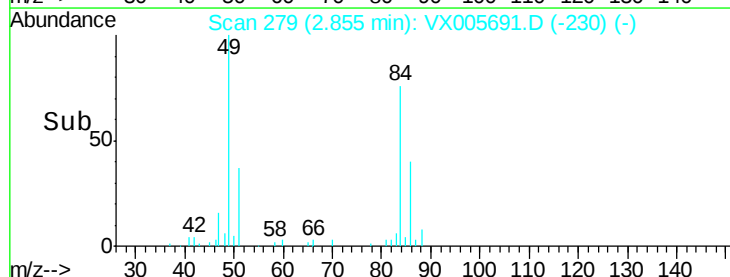
2000

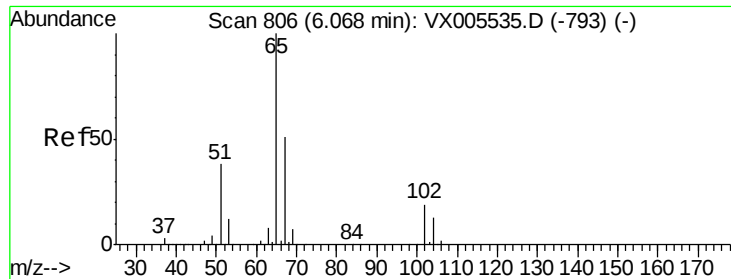
1000

0

2.80 2.85 2.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.90 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005691.D

Acq: 30 Oct 2018 15:00

Instrument :

MSVOA_X

ClientSampleId :

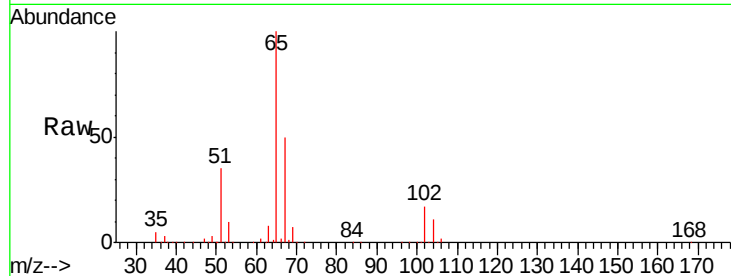
PB114242ZHE#02

Tgt Ion: 65 Resp: 146620

Ion Ratio Lower Upper

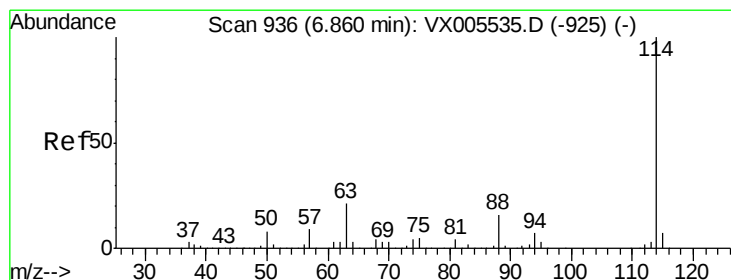
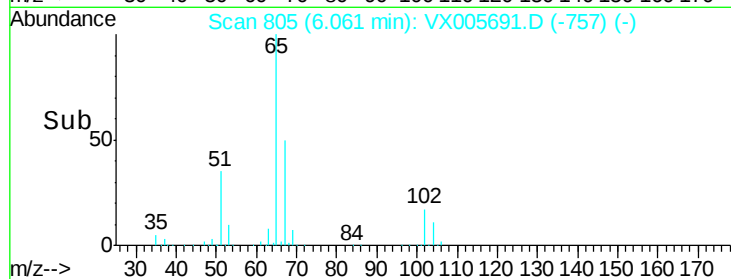
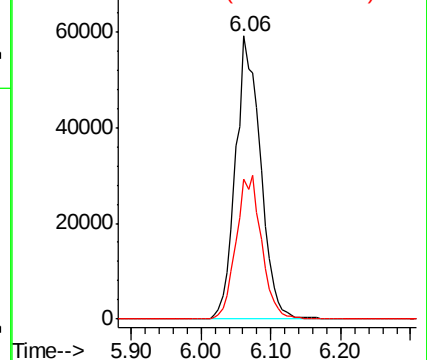
65 100

67 52.1 0.0 105.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005691.D

Acq: 30 Oct 2018 15:00

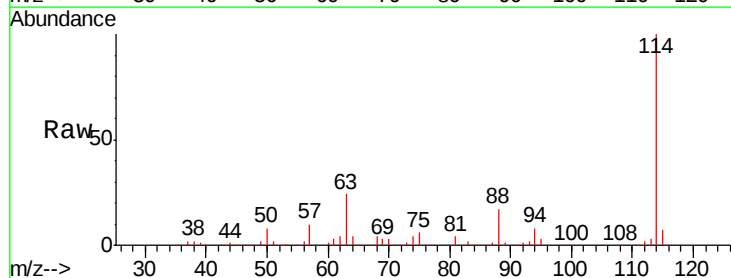
Tgt Ion: 114 Resp: 340416

Ion Ratio Lower Upper

114 100

63 23.9 0.0 42.8

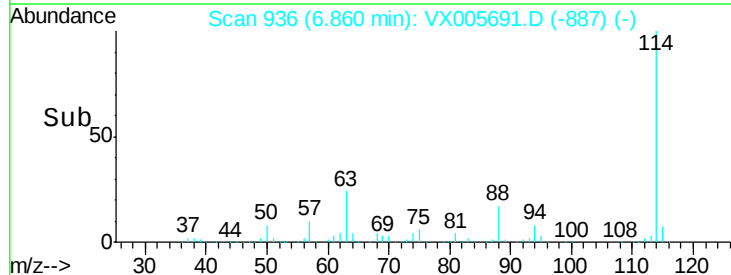
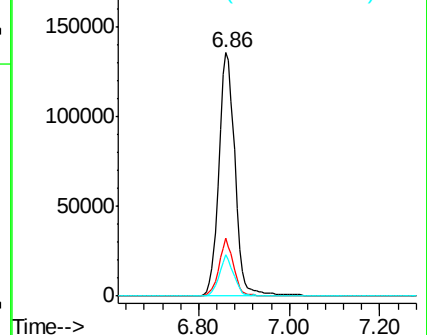
88 17.0 0.0 31.2

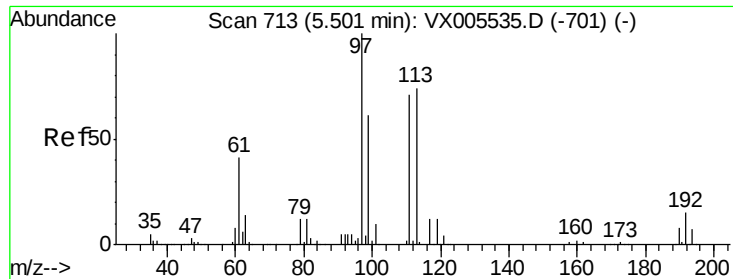


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

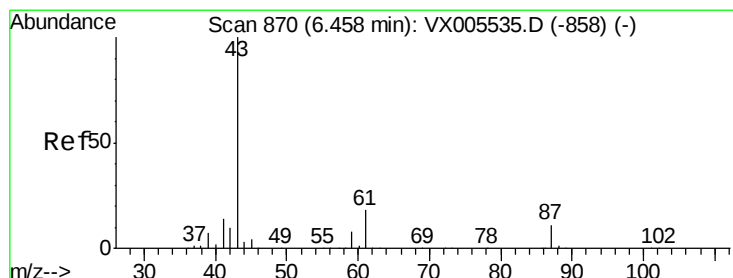
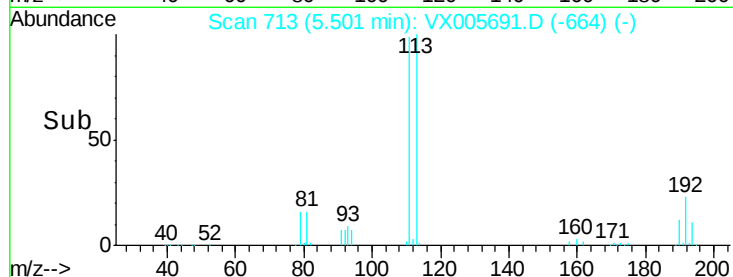
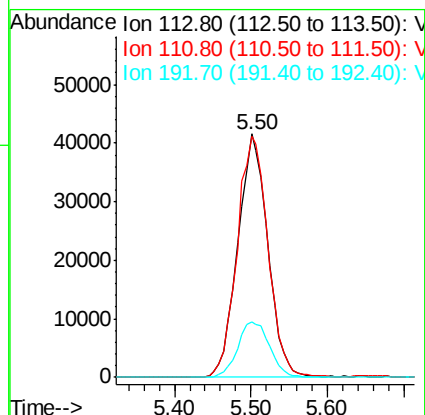
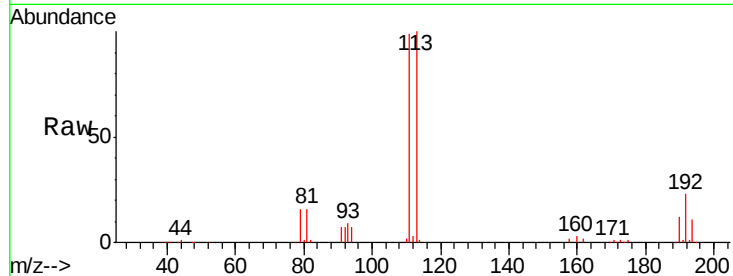




#35
 Dibromofluoromethane
 Concen: 49.06 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005691.D
 Acq: 30 Oct 2018 15:00

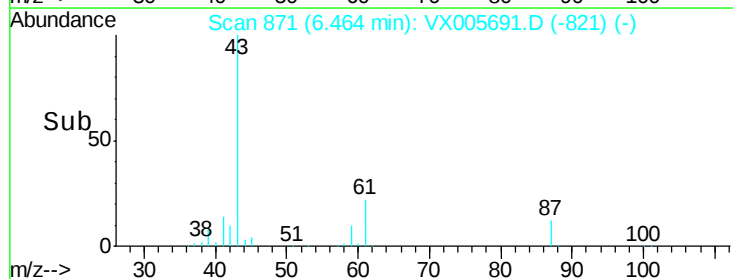
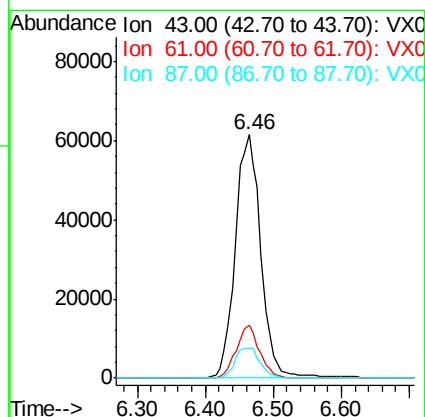
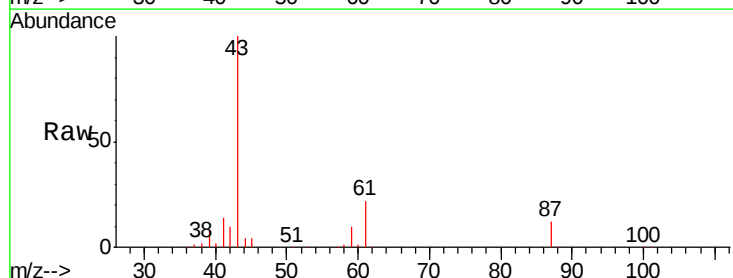
Instrument :
 MSVOA_X
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 PB114242ZHE#02

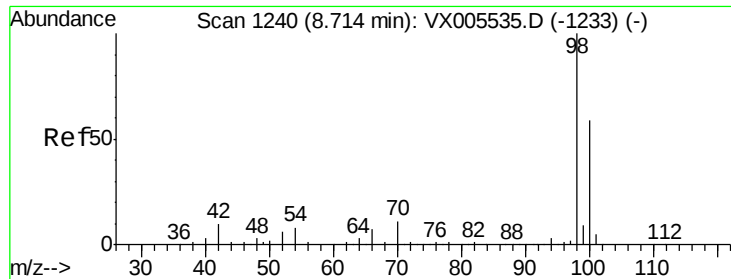
Tgt Ion: 113 Resp: 113076
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.3 123.5
 192 24.2 17.9 26.9



#43
 Isopropyl Acetate
 Concen: 25.38 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005691.D
 Acq: 30 Oct 2018 15:00

Tgt Ion: 43 Resp: 160331
 Ion Ratio Lower Upper
 43 100
 61 19.8 14.6 22.0
 87 12.6 9.6 14.4

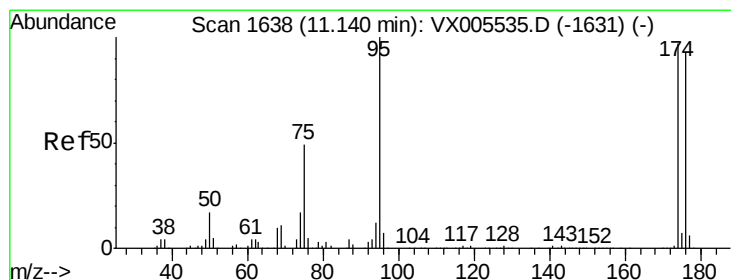
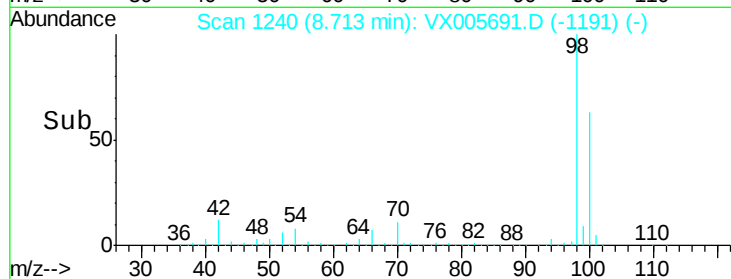
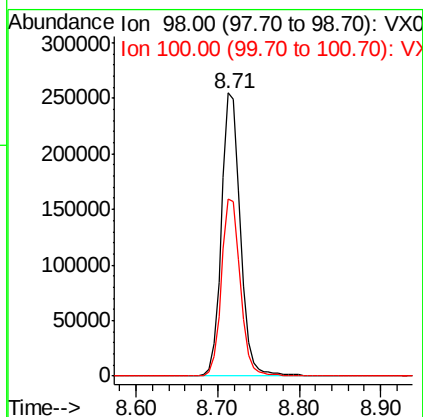
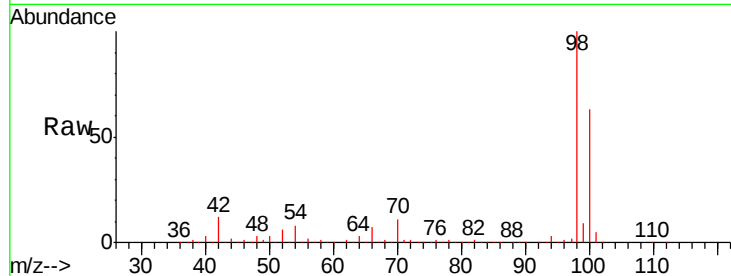




#50
Toluene-d8
Concen: 49.61 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005691.D
Acq: 30 Oct 2018 15:00

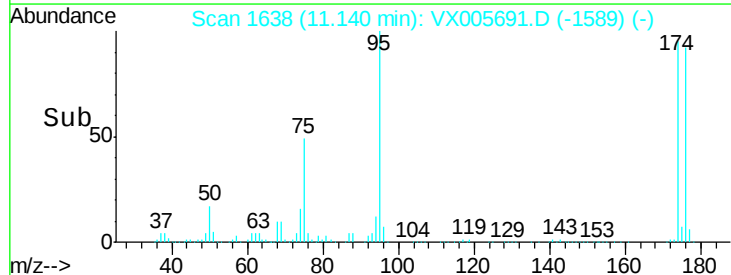
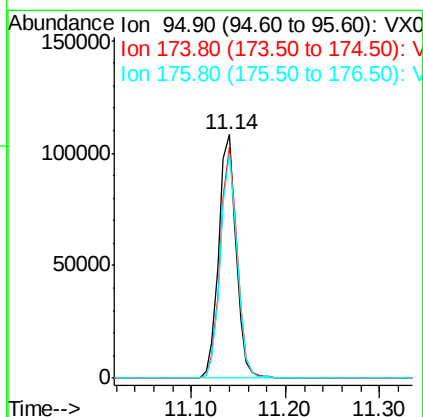
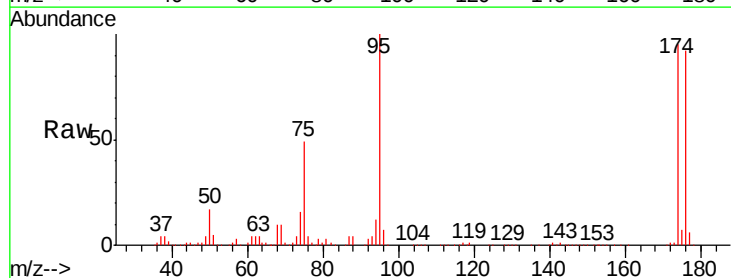
Instrument :
MSVOA_X
ClientSampleId :
PB114242ZHE#02

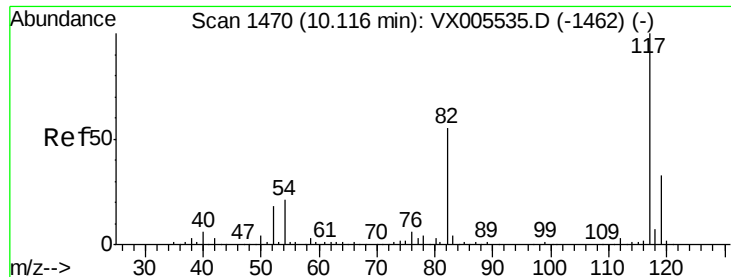
Tgt Ion: 98 Resp: 410851
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 44.53 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005691.D
Acq: 30 Oct 2018 15:00

Tgt Ion: 95 Resp: 139290
Ion Ratio Lower Upper
95 100
174 92.5 0.0 184.4
176 89.6 0.0 177.4

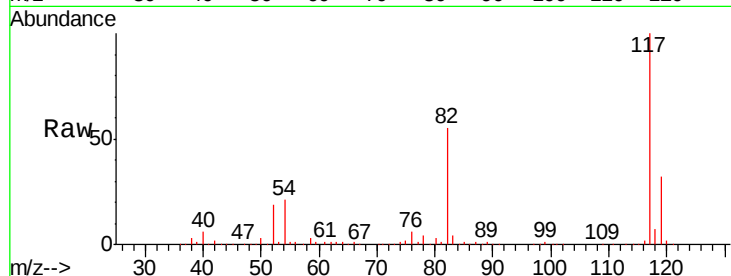




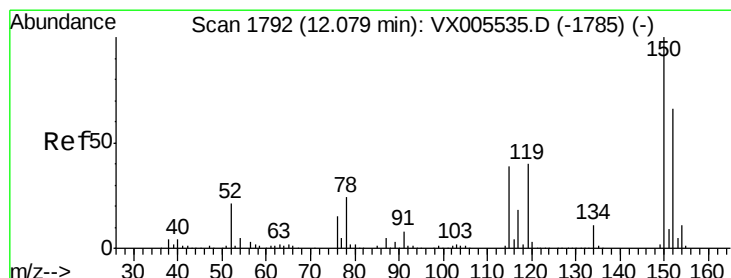
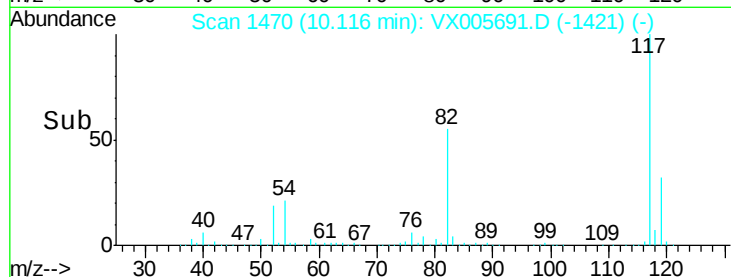
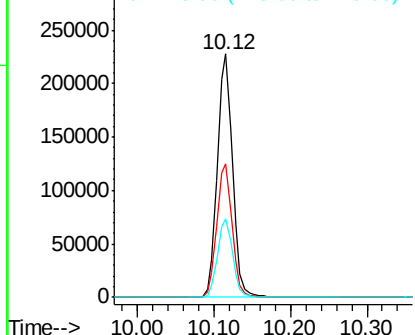
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005691.D
Acq: 30 Oct 2018 15:00

Instrument :
MSVOA_X
ClientSampleId :
PB114242ZHE#02

Tgt Ion:117 Resp: 313002
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 32.3 26.2 39.2

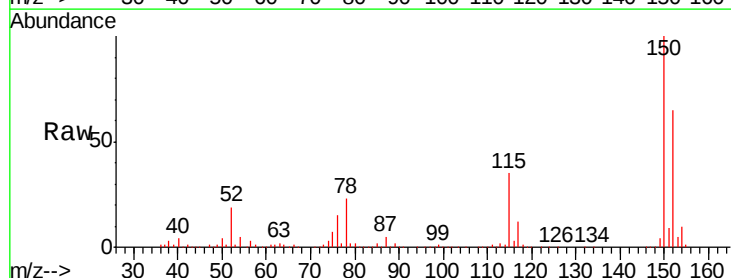


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005691.D
Acq: 30 Oct 2018 15:00

Tgt Ion:152 Resp: 151287
Ion Ratio Lower Upper
152 100
115 55.0 39.4 118.1
150 154.7 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

