

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005806.D
 Acq On : 06 Nov 2018 13:58
 Operator : JC/MD
 Sample : PB114531ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#01

Quant Time: Nov 07 08:52:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

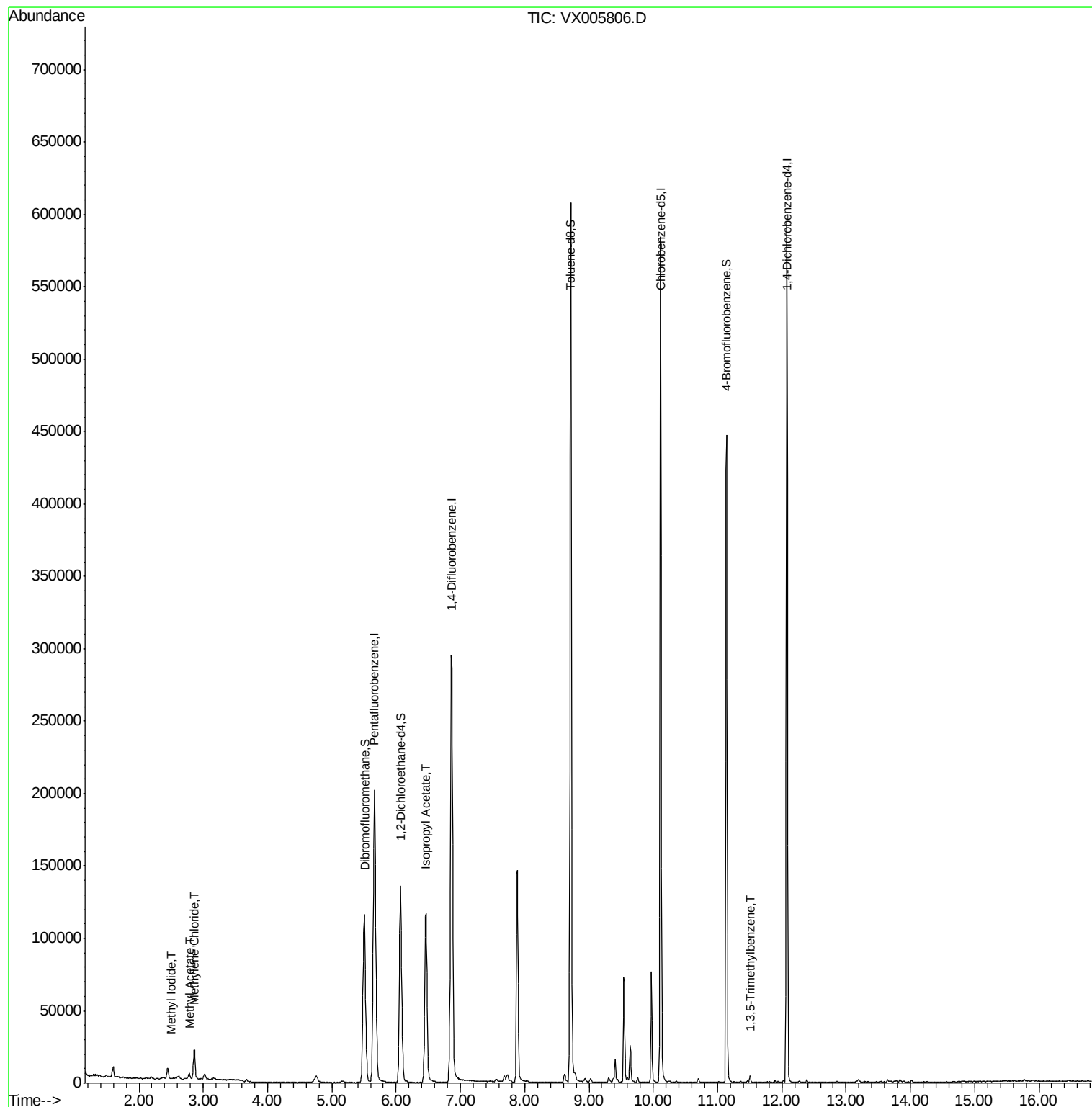
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	186786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	301565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	262571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	127605	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
35) Dibromofluoromethane	5.50	113	98588	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
50) Toluene-d8	8.71	98	362320	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.14	95	118798	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.51	142	519	2.188	ug/l #	91
18) Methyl Acetate	2.78	43	4851	1.238	ug/l	97
20) Methylene Chloride	2.86	84	9150	3.885	ug/l	89
43) Isopropyl Acetate	6.46	43	158103	26.575	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	1868	0.285	ug/l	95

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

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Quant Time: Nov 07 08:52:21 2018
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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005806.D

Acq: 06 Nov 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

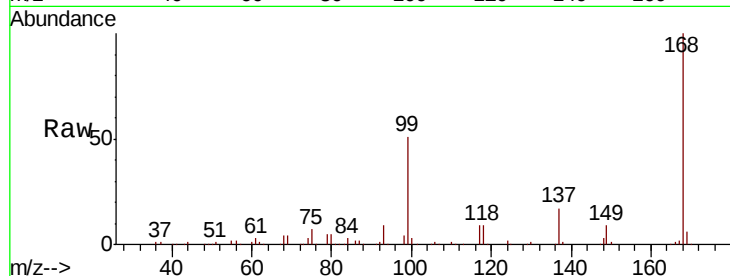
PB114531ZHE#01

Tot Ion:168 Resp: 186786

Ion Ratio Lower Upper

168 100

99 51.0 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

80000

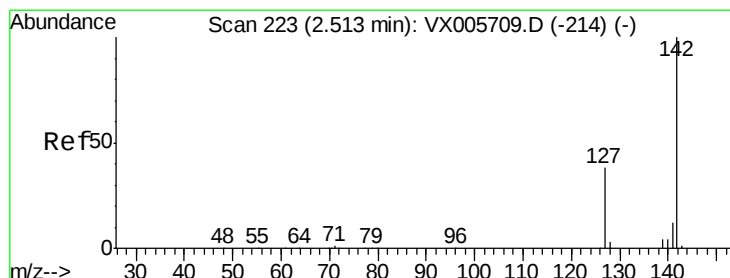
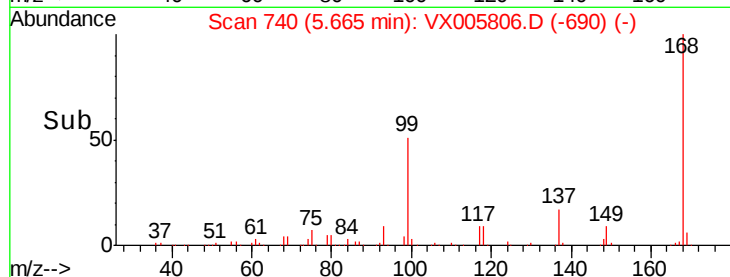
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 2.188 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX005806.D

Acq: 06 Nov 2018 13:58

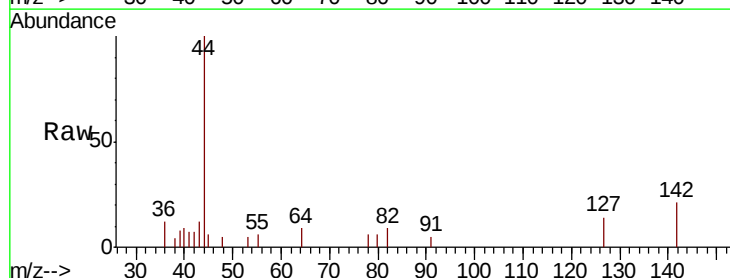
Tgt Ion:142 Resp: 519

Ion Ratio Lower Upper

142 100

127 47.4 36.0 54.0

141 4.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.51

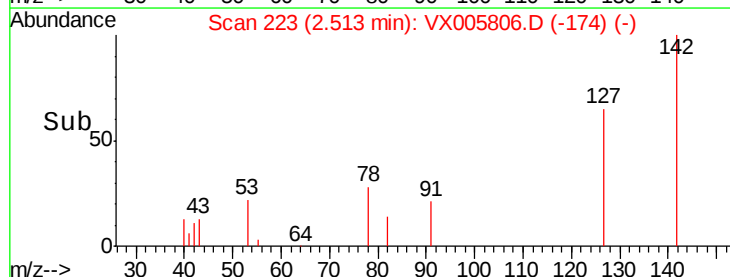
300

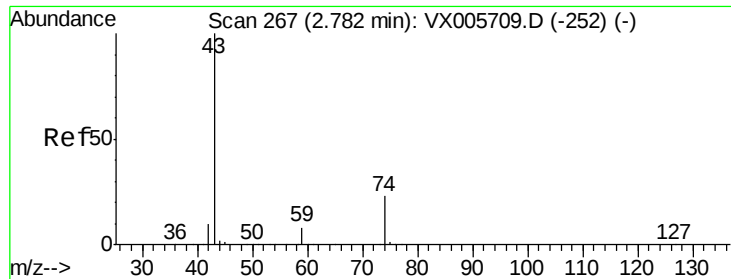
200

100

0

Time--> 2.45 2.50 2.55

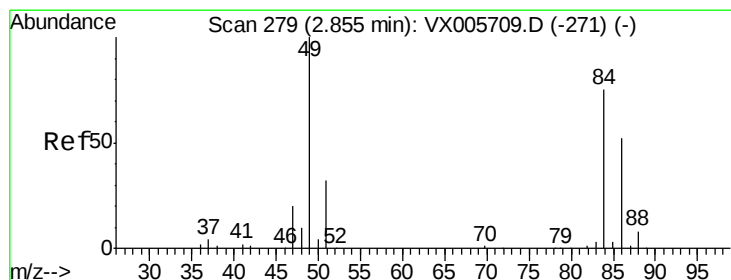
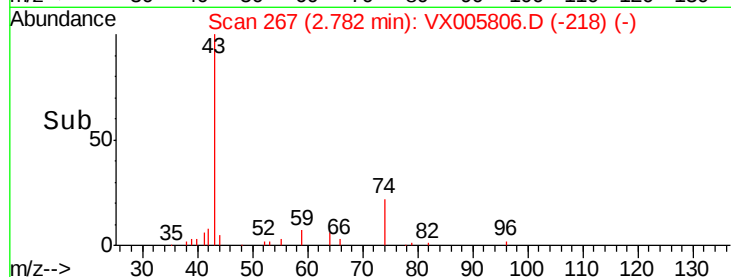
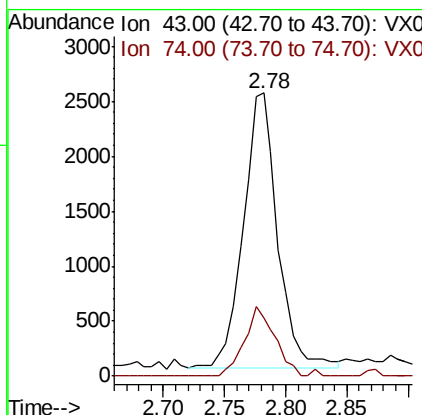
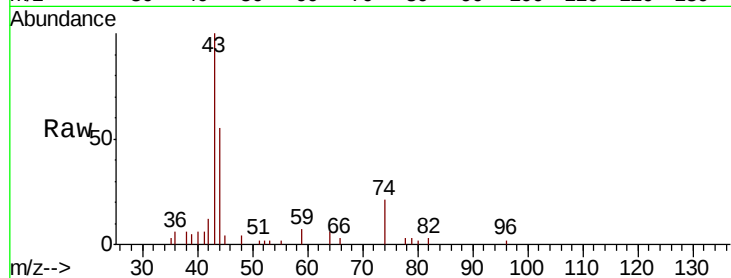




#18
Methyl Acetate
Concen: 1.238 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005806.D
Acq: 06 Nov 2018 13:58

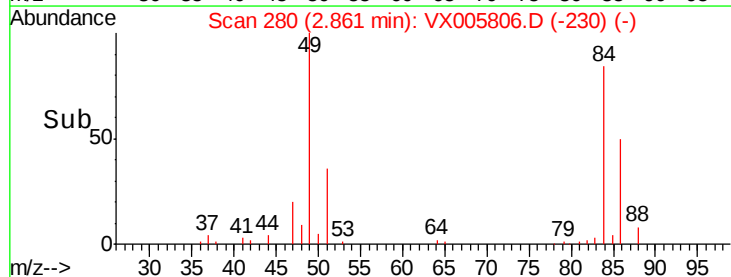
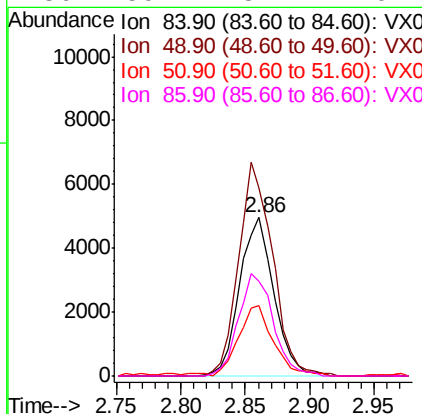
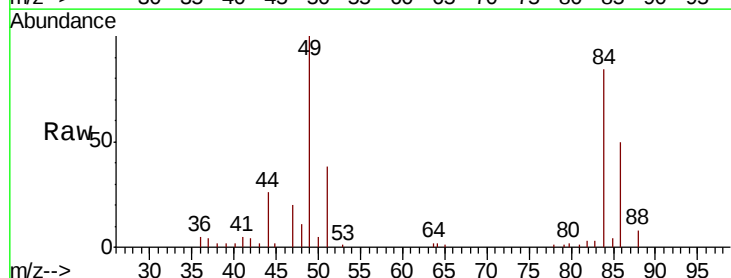
Instrument :
MSVOA_X
ClientSampleId :
PB114531ZHE#01

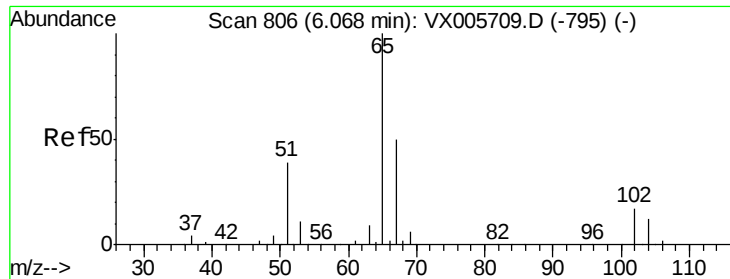
Tot Ion: 43 Resp: 4851
Ion Ratio Lower Upper
43 100
74 22.4 16.8 25.2



#20
Methylene Chloride
Concen: 3.885 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005806.D
Acq: 06 Nov 2018 13:58

Tgt Ion: 84 Resp: 9150
Ion Ratio Lower Upper
84 100
49 119.0 109.5 164.3
51 44.6 33.3 49.9
86 59.4 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 46.727 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005806.D

Acq: 06 Nov 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

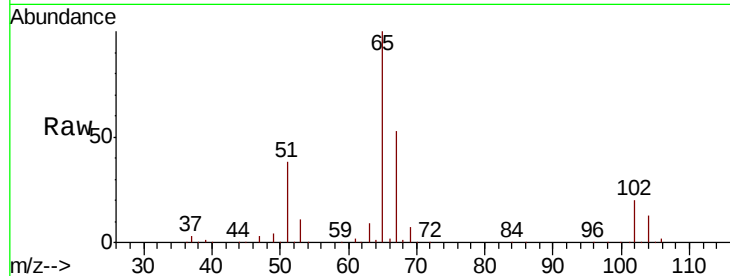
PB114531ZHE#01

Tot Ion: 65 Resp: 127605

Ion Ratio Lower Upper

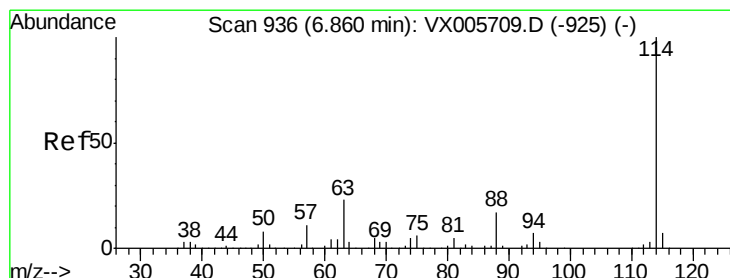
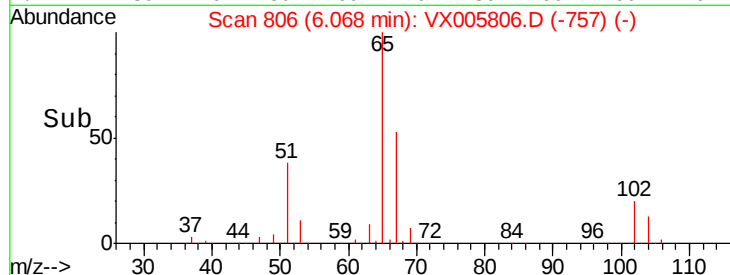
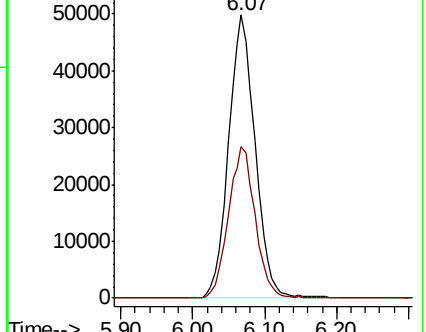
65 100

67 53.7 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: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005806.D

Acq: 06 Nov 2018 13:58

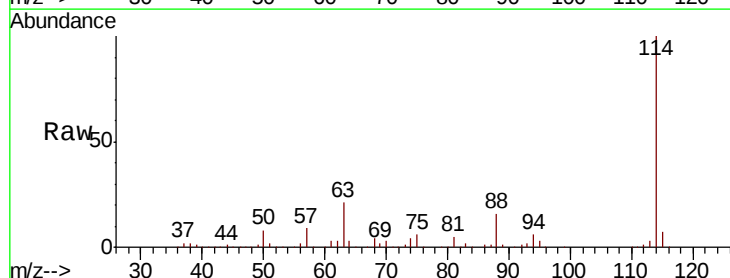
Tgt Ion: 114 Resp: 301565

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

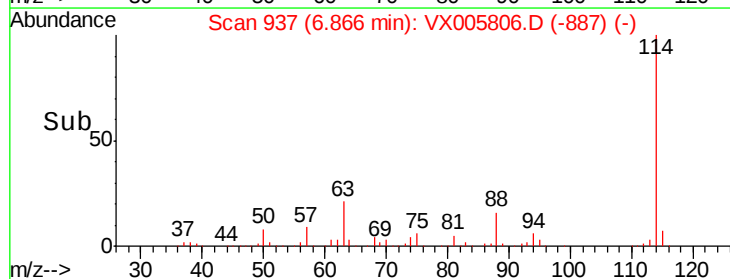
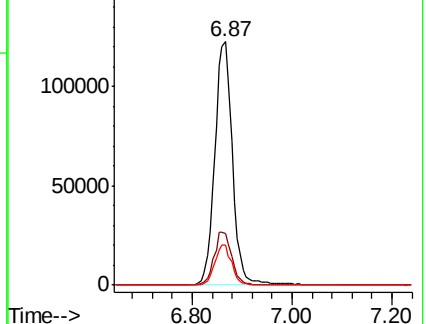
88 16.5 0.0 31.2

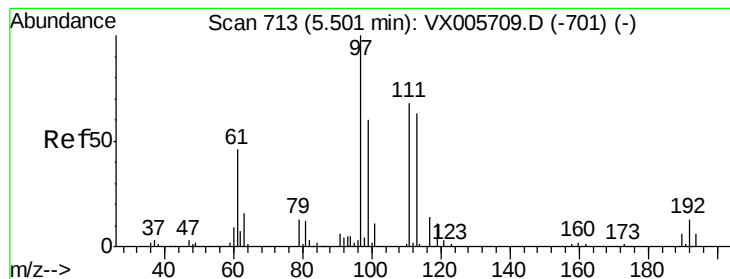


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.215 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005806.D

Acq: 06 Nov 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#01

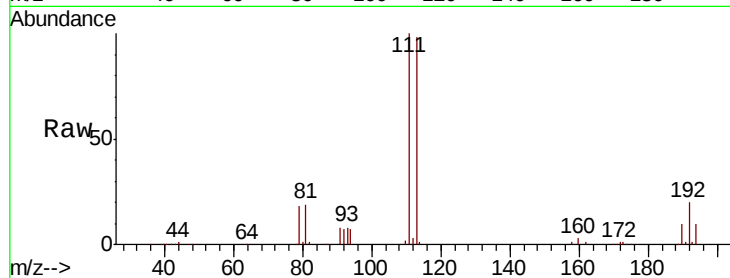
Tot Ion:113 Resp: 98588

Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

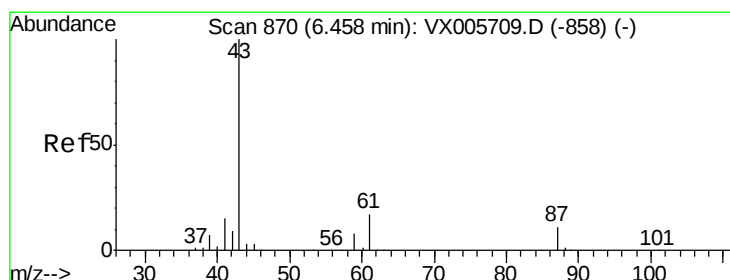
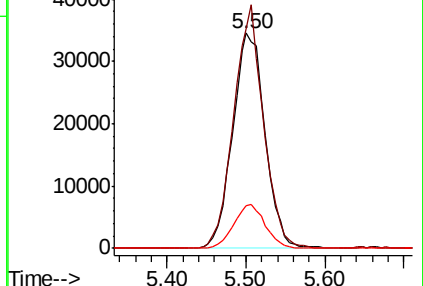
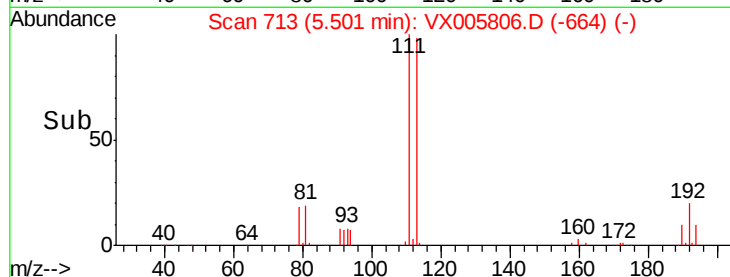
192 19.9 17.9 26.9



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: 26.575 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005806.D

Acq: 06 Nov 2018 13:58

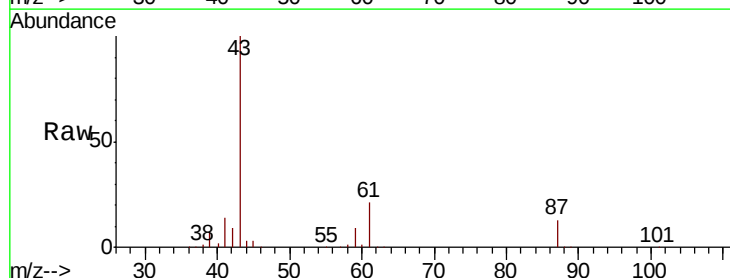
Tgt Ion: 43 Resp: 158103

Ion Ratio Lower Upper

43 100

61 20.0 14.6 22.0

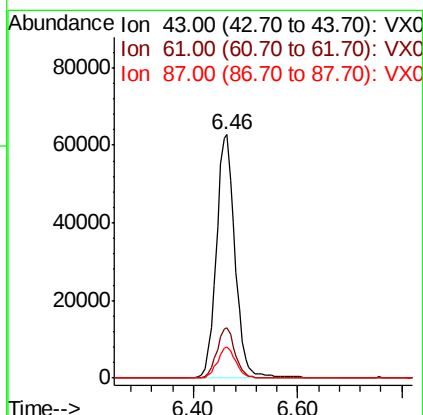
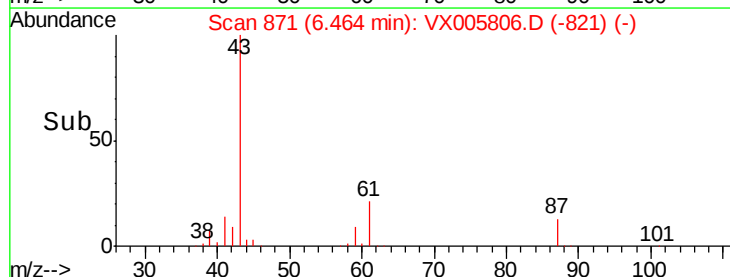
87 12.4 9.6 14.4

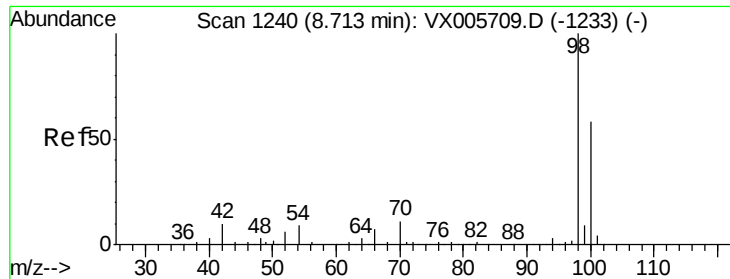


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.474 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005806.D

Acq: 06 Nov 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

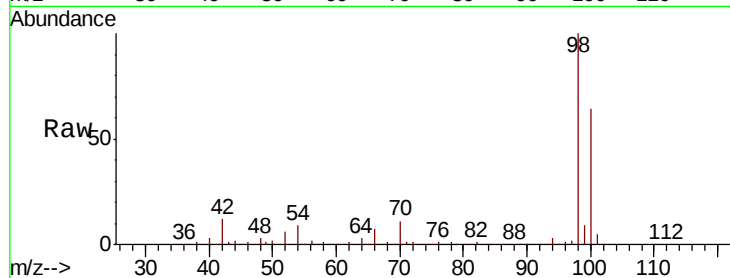
PB114531ZHE#01

Tot Ion: 98 Resp: 362320

Ion Ratio Lower Upper

98 100

100 62.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

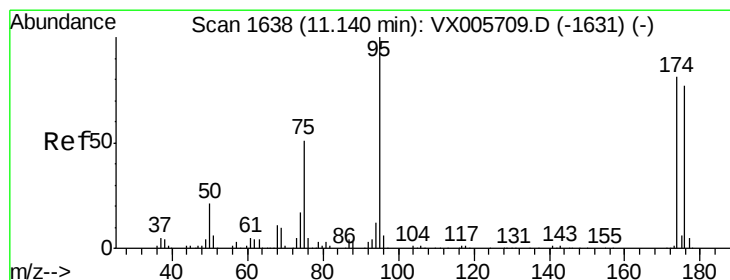
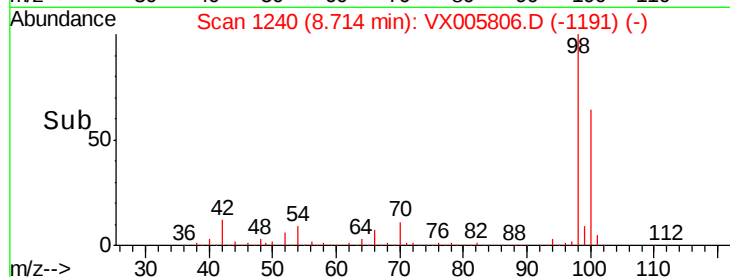
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.952 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005806.D

Acq: 06 Nov 2018 13:58

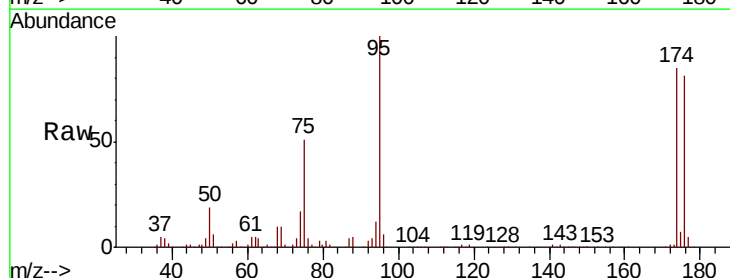
Tgt Ion: 95 Resp: 118798

Ion Ratio Lower Upper

95 100

174 80.1 0.0 184.4

176 77.9 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

120000

100000

80000

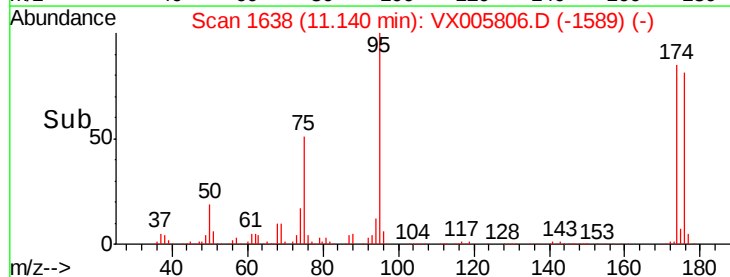
60000

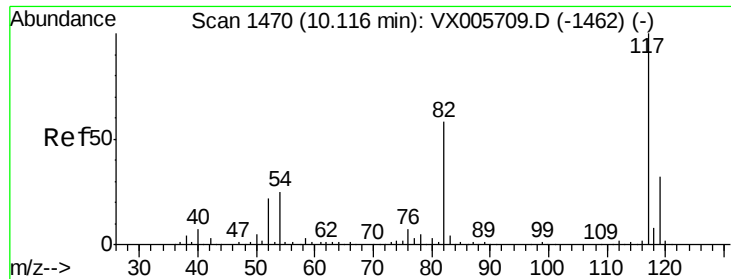
40000

20000

0

Time-->

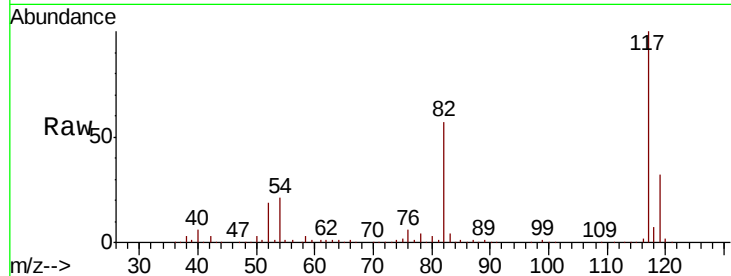




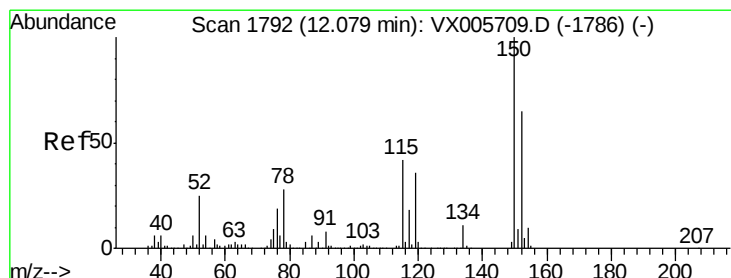
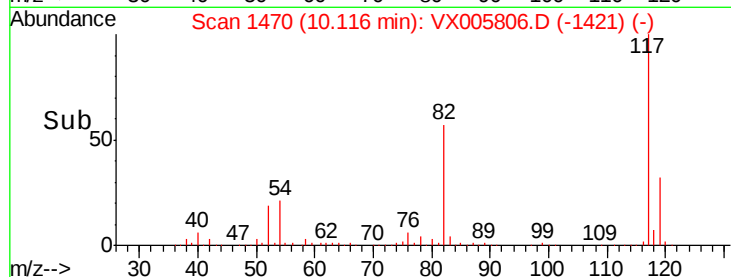
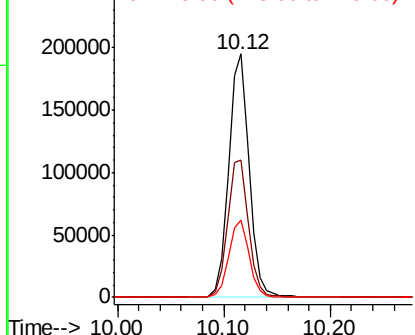
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005806.D
Acq: 06 Nov 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
PB114531ZHE#01

Tot Ion:117 Resp: 262571
Ion Ratio Lower Upper
117 100
82 56.6 44.1 66.1
119 32.0 26.2 39.2

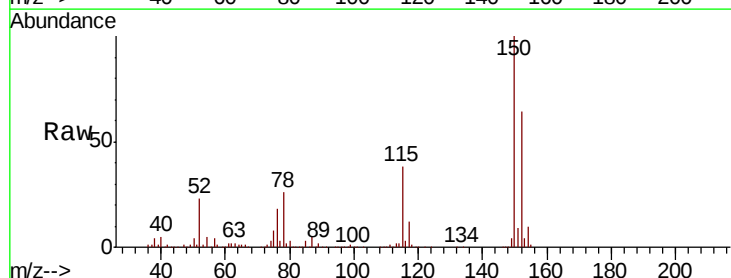


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

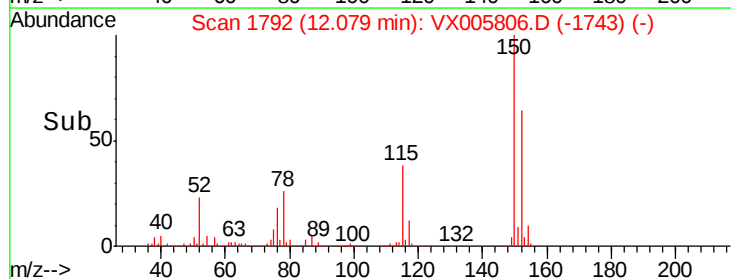
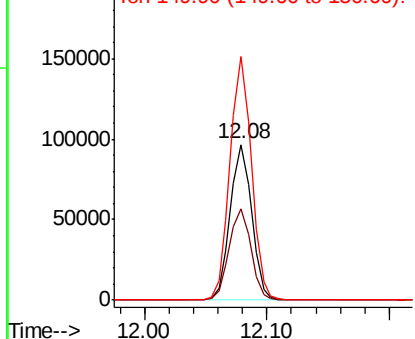


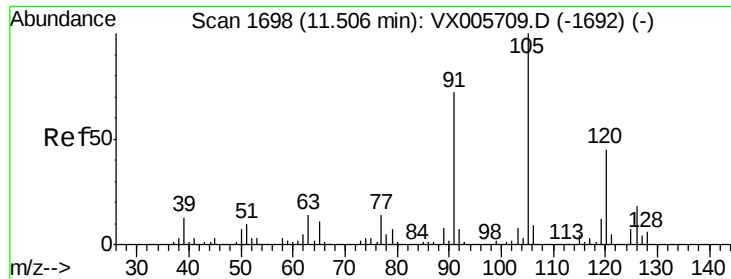
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005806.D
Acq: 06 Nov 2018 13:58

Tgt Ion:152 Resp: 117107
Ion Ratio Lower Upper
152 100
115 59.8 39.4 118.1
150 156.2 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





#80
 1,3,5-Trimethylbenzene
 Concen: 0.285 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005806.D
 Acq: 06 Nov 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#01

Tot Ion:105 Resp: 1868
 Ion Ratio Lower Upper
 105 100
 120 44.5 24.1 72.2

