

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002824.D
 Acq On : 22 Jun 2018 07:58
 Operator : JC/MD
 Sample : PB110441ZHE#09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110441ZHE#09

Quant Time: Jun 22 08:32:36 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	244289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182666	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	168417	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
35) Dibromofluoromethane	5.51	113	130613	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
50) Toluene-d8	8.72	98	488592	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
62) 4-Bromofluorobenzene	11.14	95	173435	43.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.08%	

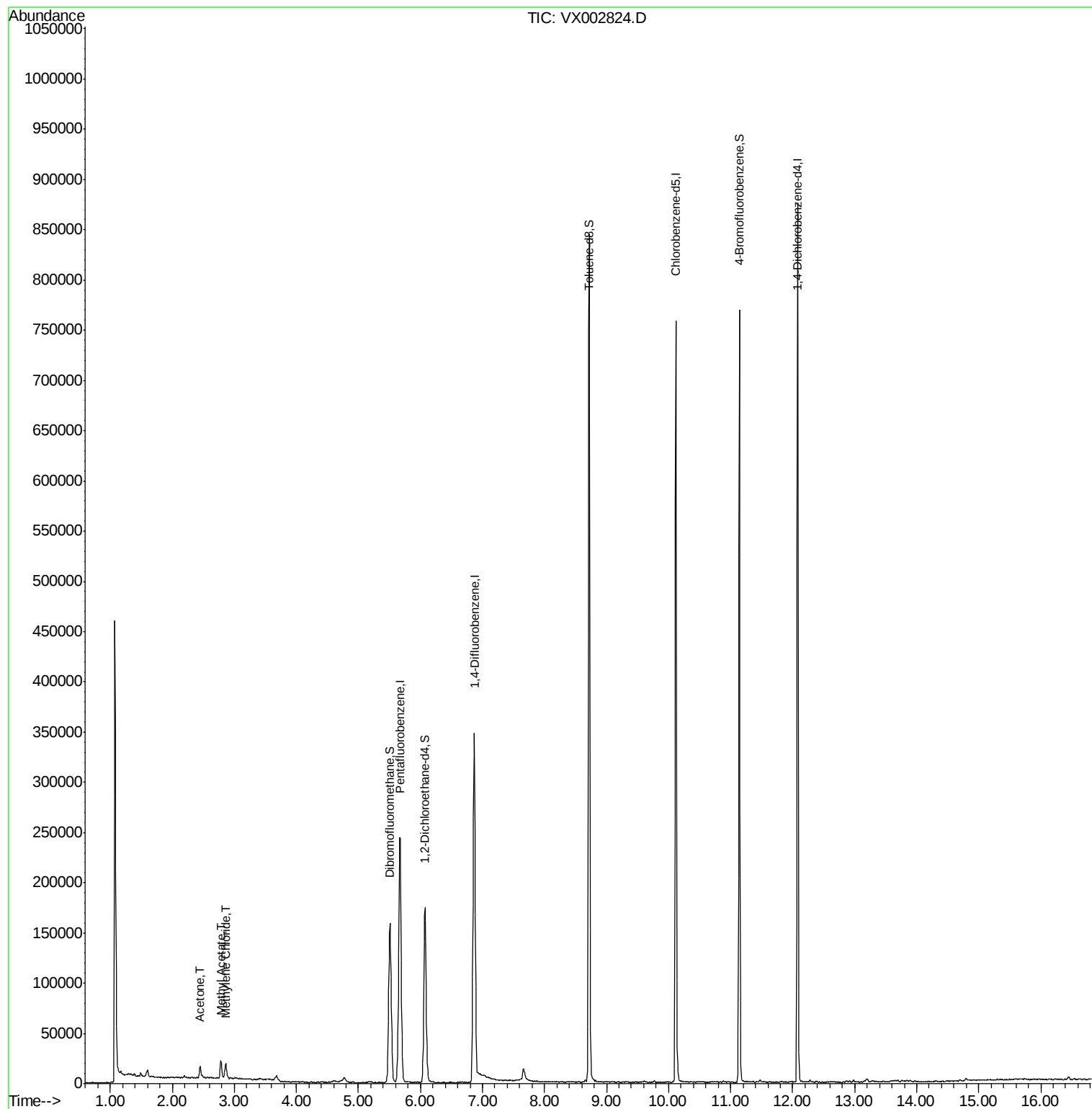
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	13301	8.12	ug/l	94
18) Methyl Acetate	2.78	43	22081	5.06	ug/l	98
20) Methylene Chloride	2.86	84	6782	2.02	ug/l	94

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062118\
Data File : VX002824.D
Acq On : 22 Jun 2018 07:58
Operator : JC/MD
Sample : PB110441ZHE#09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB110441ZHE#09

Quant Time: Jun 22 08:32:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002824.D

Acq: 22 Jun 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

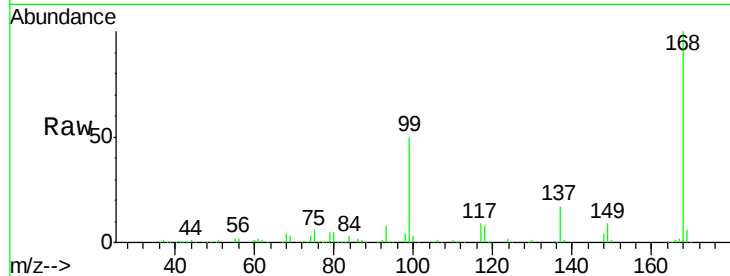
PB110441ZHE#09

Tot Ion:168 Resp: 244289

Ion Ratio Lower Upper

168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

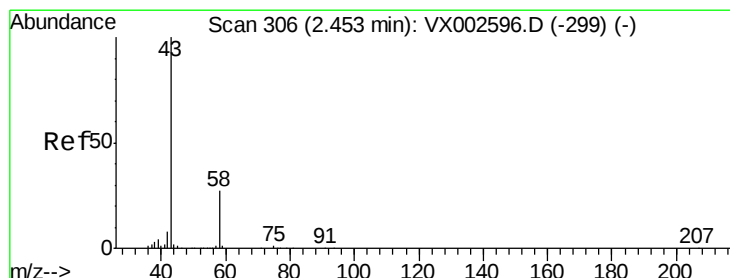
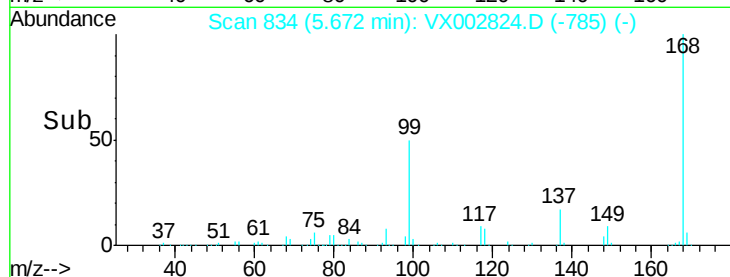
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.12 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002824.D

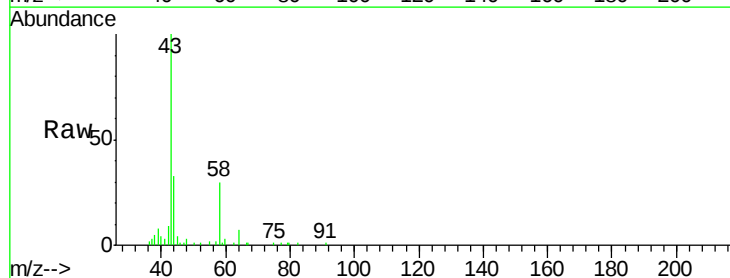
Acq: 22 Jun 2018 07:58

Tgt Ion: 43 Resp: 13301

Ion Ratio Lower Upper

43 100

58 30.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

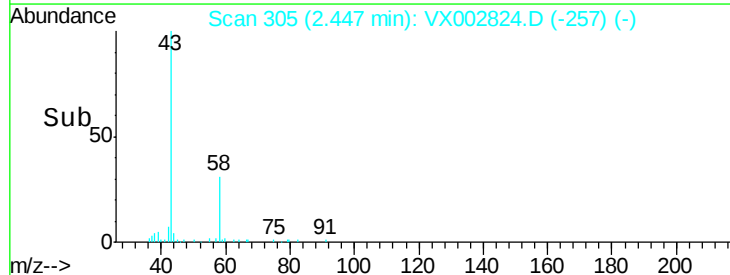
6000

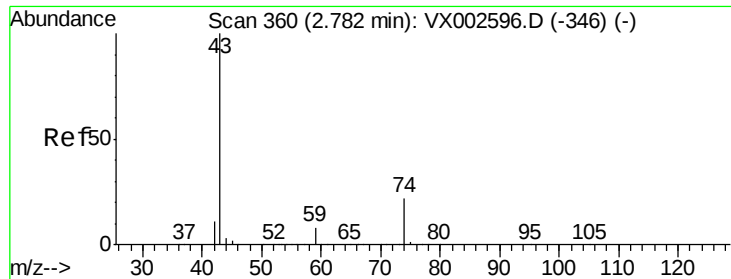
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

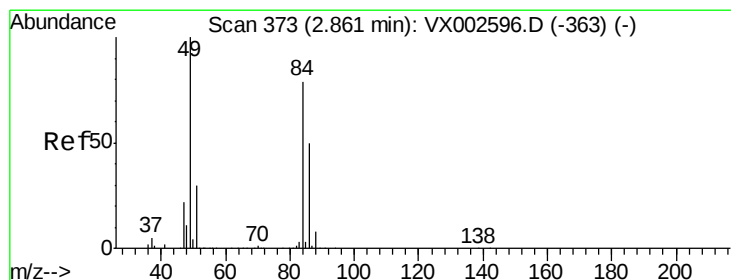
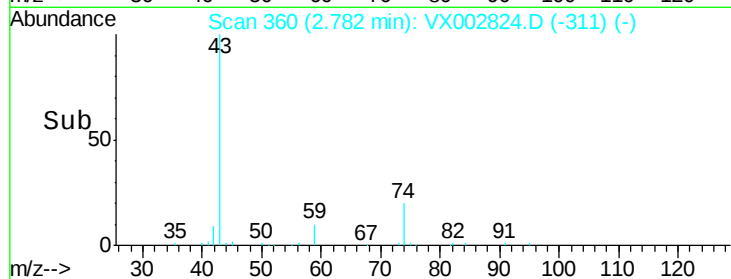
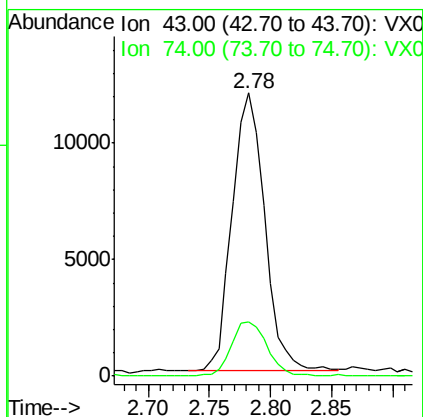
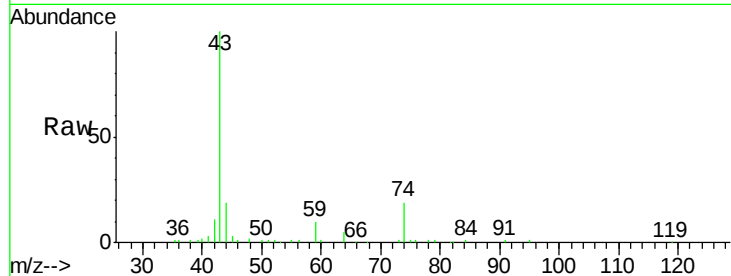




#18
Methyl Acetate
Concen: 5.06 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002824.D
Acq: 22 Jun 2018 07:58

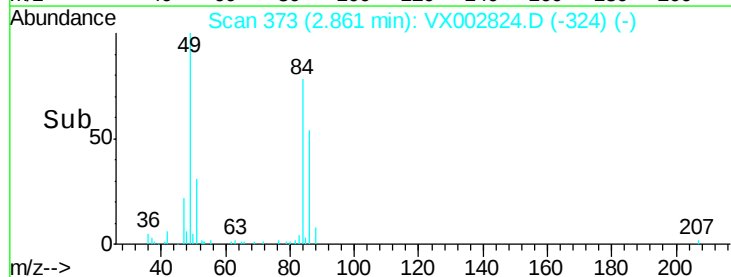
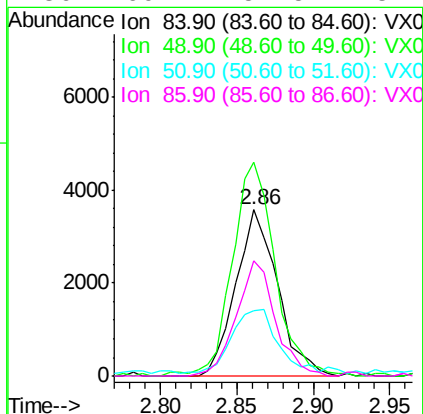
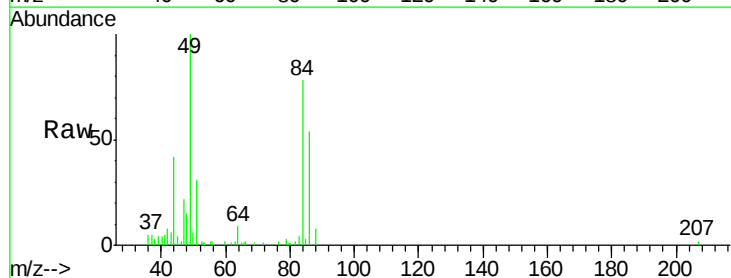
Instrument :
MSVOA_X
ClientSampleId :
PB110441ZHE#09

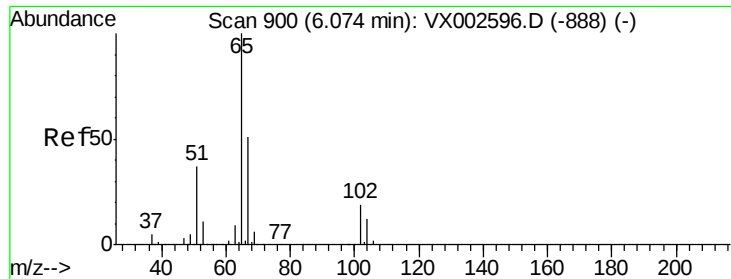
Tot Ion: 43 Resp: 22081
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1



#20
Methylene Chloride
Concen: 2.02 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002824.D
Acq: 22 Jun 2018 07:58

Tgt Ion: 84 Resp: 6782
Ion Ratio Lower Upper
84 100
49 127.4 107.8 161.6
51 37.0 32.8 49.2
86 69.7 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 45.37 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002824.D

Acq: 22 Jun 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

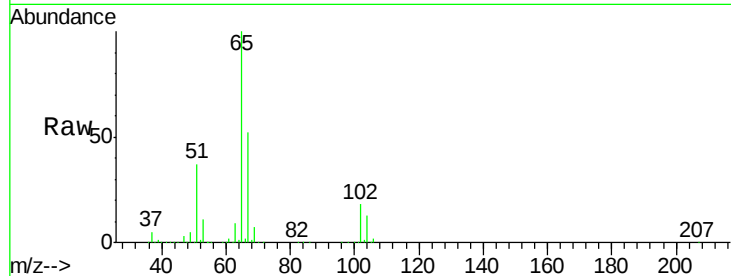
PB110441ZHE#09

Tot Ion: 65 Resp: 168417

Ion Ratio Lower Upper

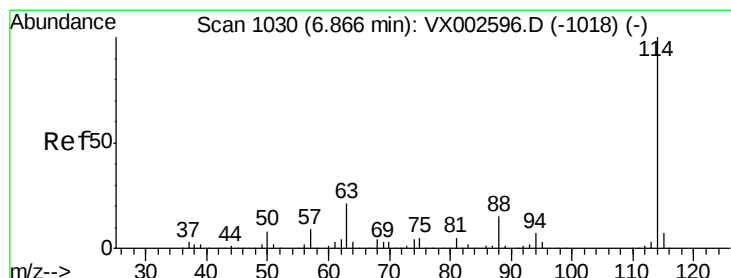
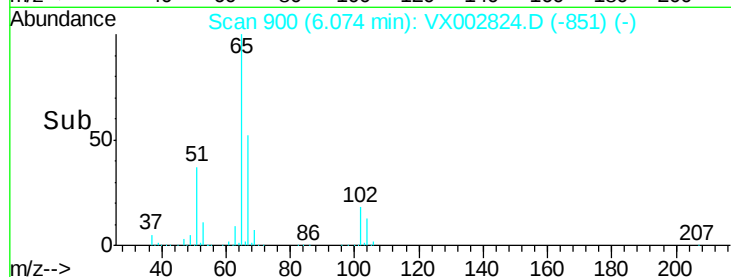
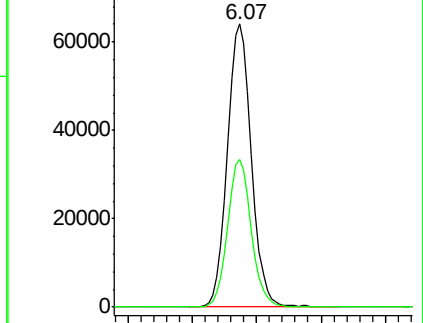
65 100

67 51.6 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: VX002824.D

Acq: 22 Jun 2018 07:58

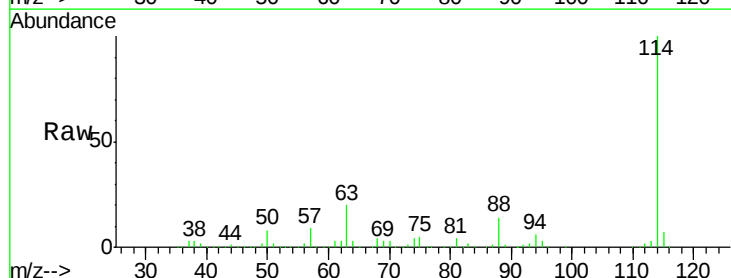
Tgt Ion: 114 Resp: 346853

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

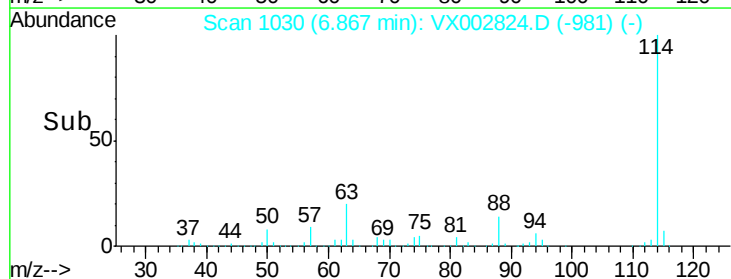
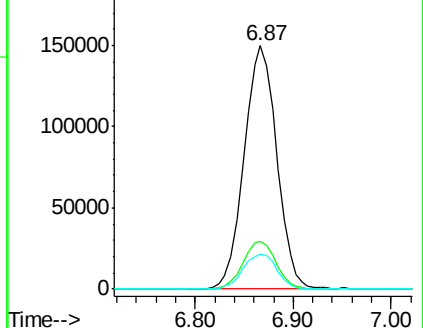
88 14.5 0.0 30.0

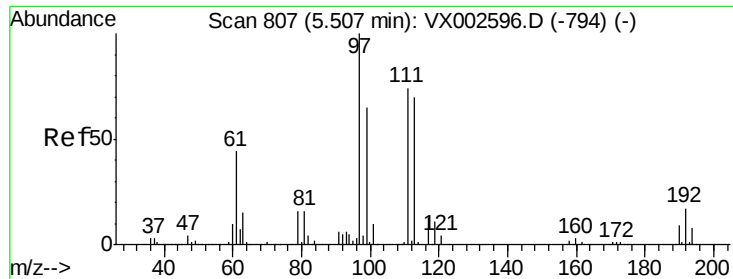


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.18 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002824.D

Acq: 22 Jun 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

PB110441ZHE#09

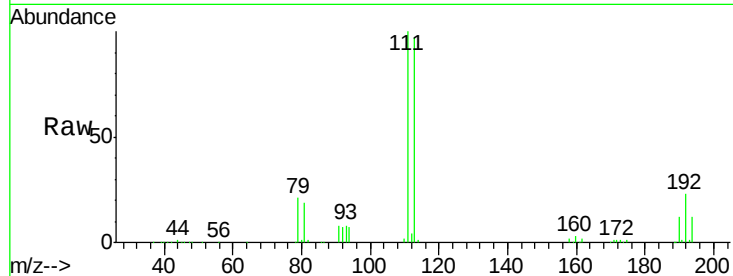
Tot Ion:113 Resp: 130613

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

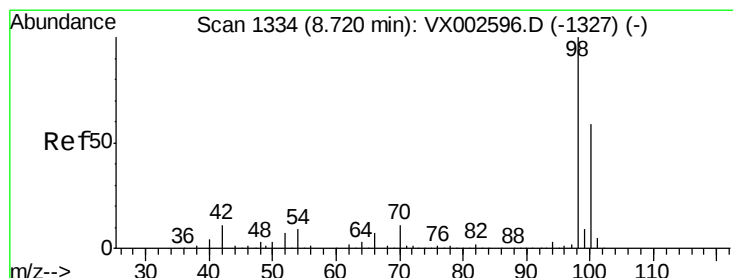
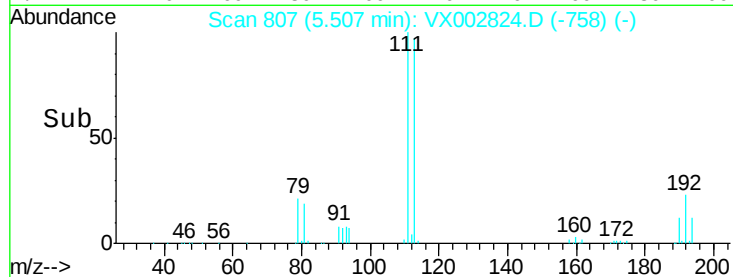
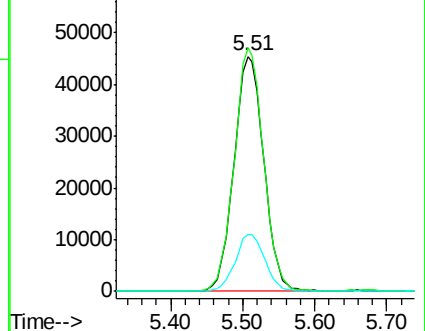
192 24.1 19.1 28.7



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: 46.48 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002824.D

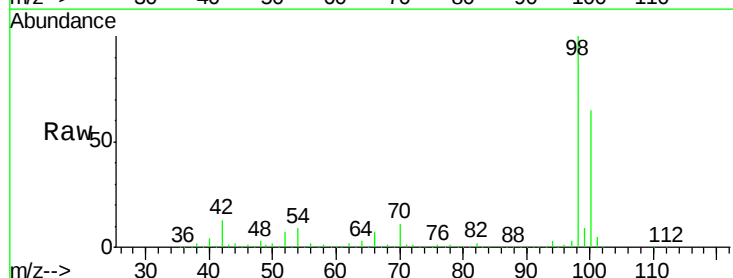
Acq: 22 Jun 2018 07:58

Tgt Ion: 98 Resp: 488592

Ion Ratio Lower Upper

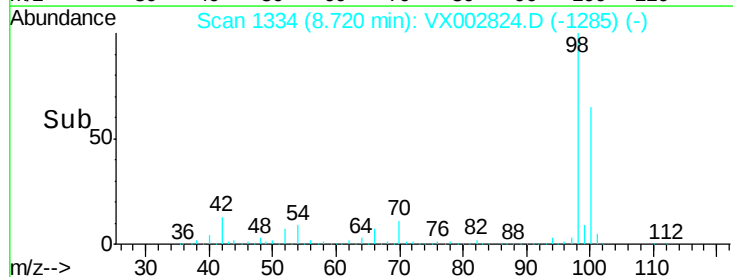
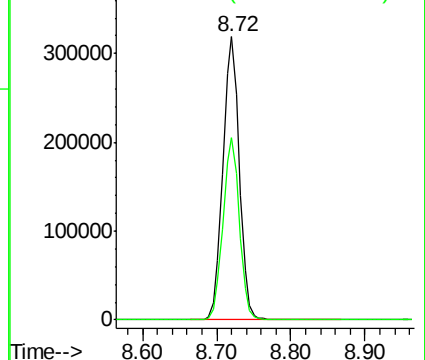
98 100

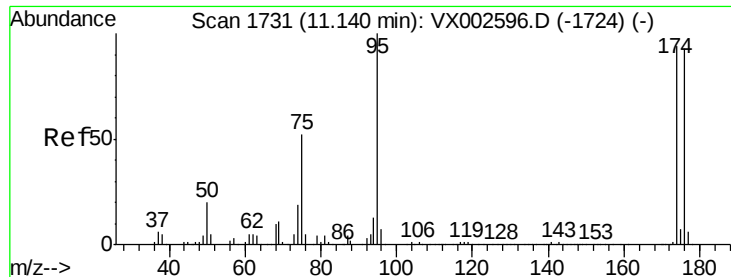
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.54 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002824.D

Acq: 22 Jun 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

PB110441ZHE#09

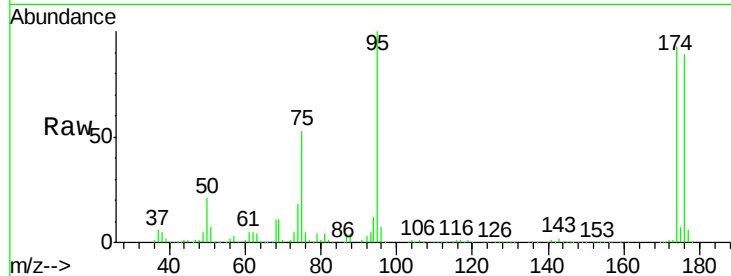
Tot Ion: 95 Resp: 173435

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.4

176 93.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002824.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002824.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002824.D (-1682) (-)

11.14

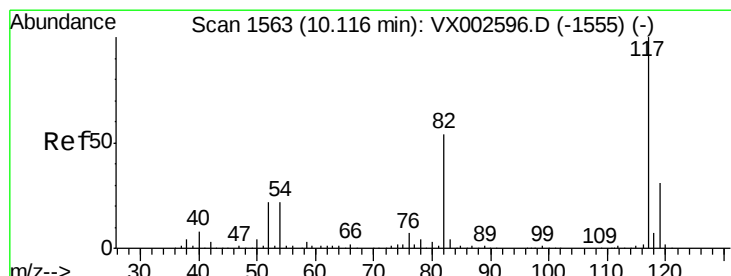
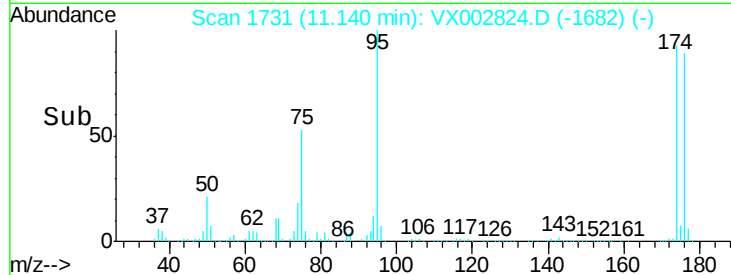
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002824.D

Acq: 22 Jun 2018 07:58

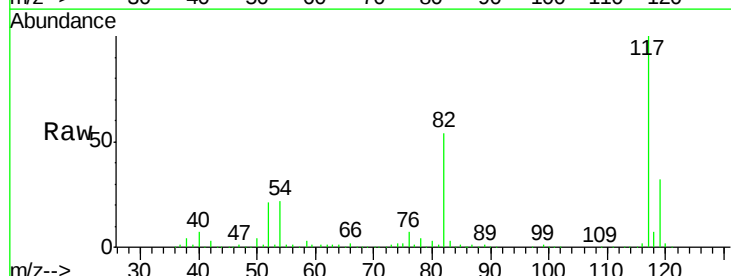
Tgt Ion: 117 Resp: 323963

Ion Ratio Lower Upper

117 100

82 53.9 45.0 67.4

119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002824.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002824.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002824.D (-1514) (-)

10.12

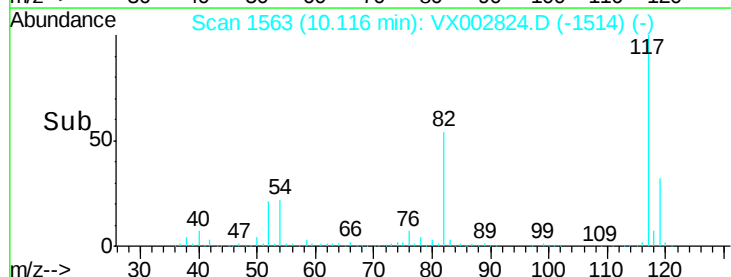
300000

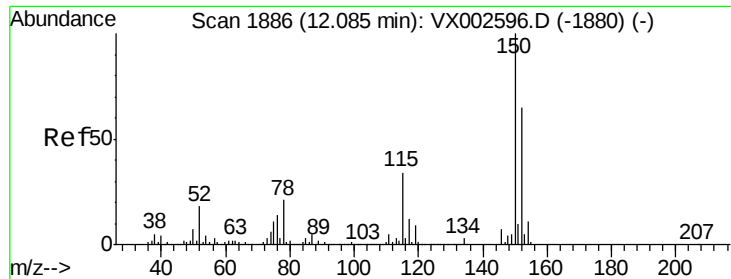
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002824.D

Acq: 22 Jun 2018 07:58

Instrument :

MSVOA_X

ClientSampleId :

PB110441ZHE#09

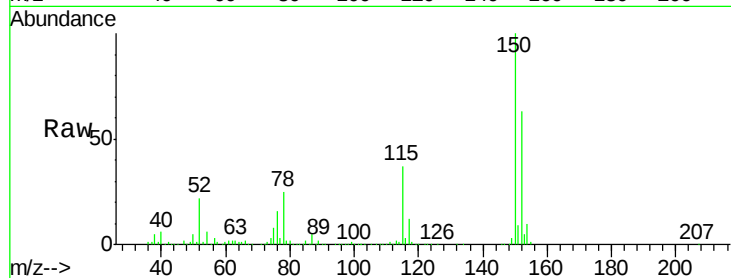
Tot Ion:152 Resp: 182666

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

150 156.6 0.0 347.2



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

