

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002762.D
 Acq On : 21 Jun 2018 01:12
 Operator : JC/MD
 Sample : PB110408ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#01

Quant Time: Jun 21 06:57:01 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

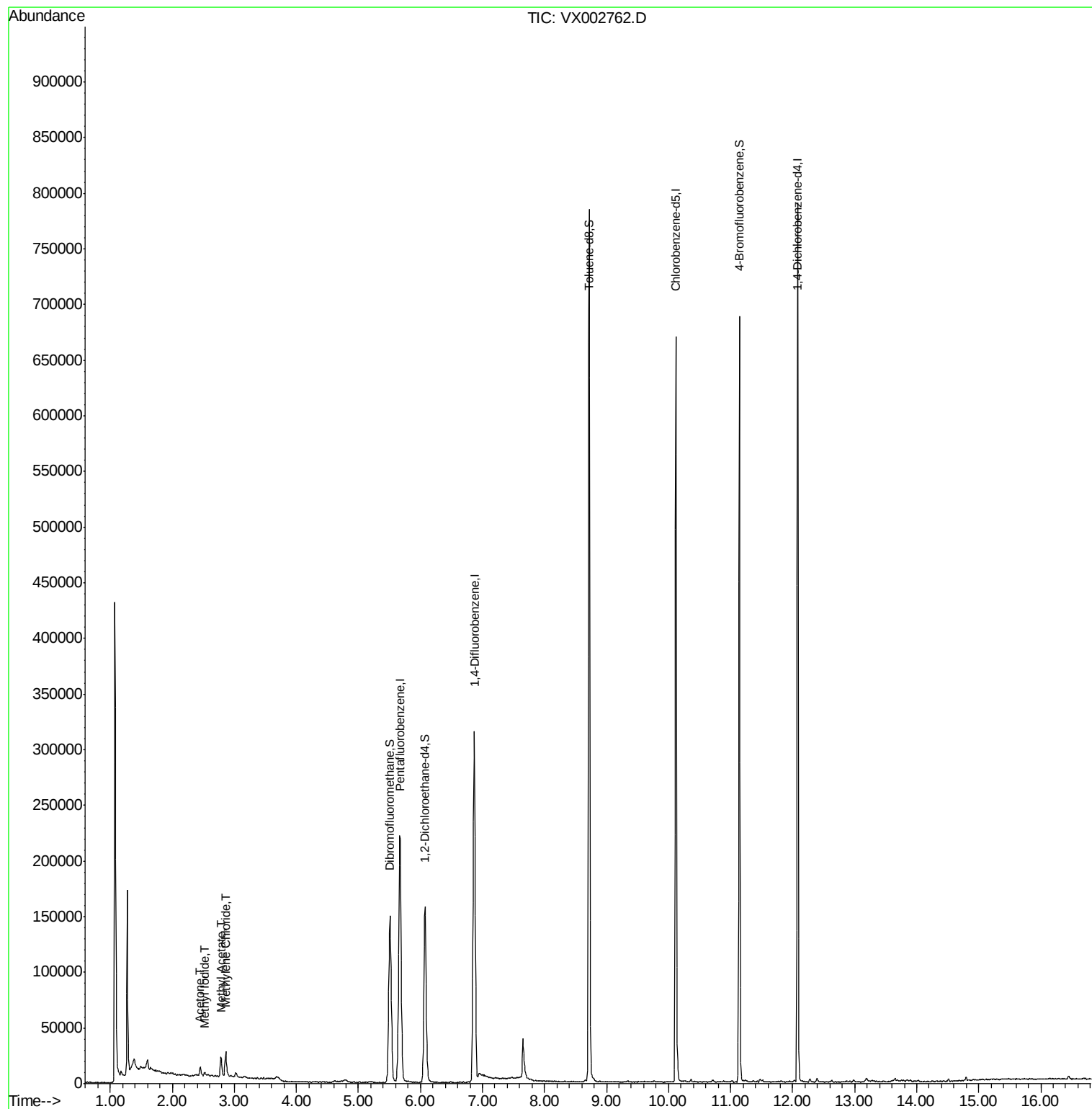
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149491	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
35) Dibromofluoromethane	5.51	113	121421	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	8.72	98	445859	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.14	95	155845	43.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.66%	
Target Compounds						
10) Methyl Iodide	2.52	142	3606	6.09	ug/l	95
16) Acetone	2.45	43	9109	6.15	ug/l	94
18) Methyl Acetate	2.78	43	21811	5.53	ug/l	98
20) Methylene Chloride	2.86	84	10236	3.37	ug/l	96

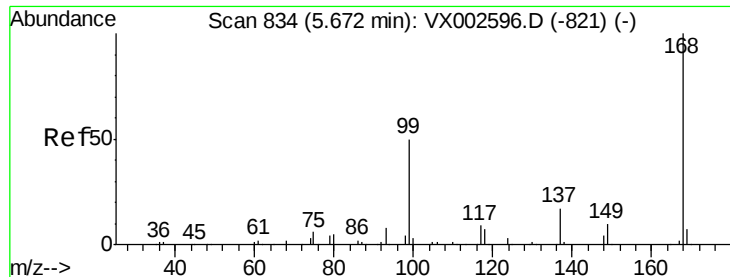
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002762.D

Acq: 21 Jun 2018 01:12

Instrument :

MSVOA_X

ClientSampleId :

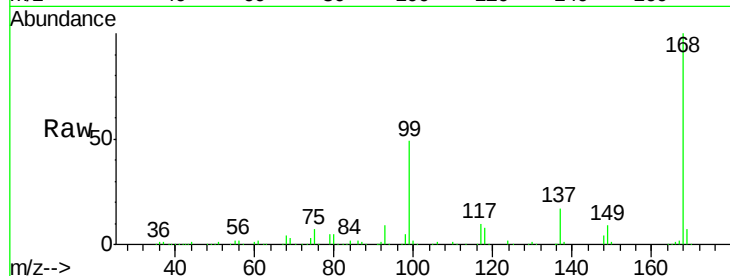
PB110408ZHE#01

Tot Ion:168 Resp: 220781

Ion Ratio Lower Upper

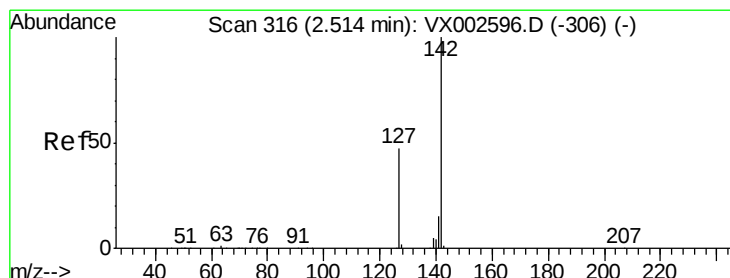
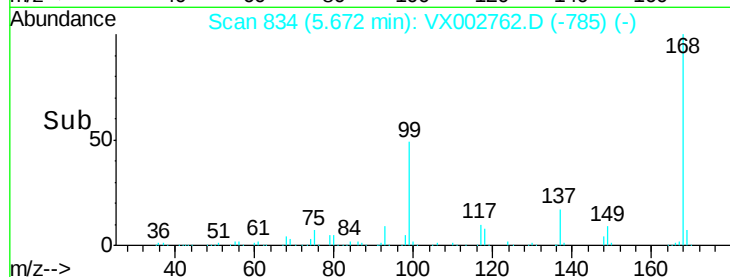
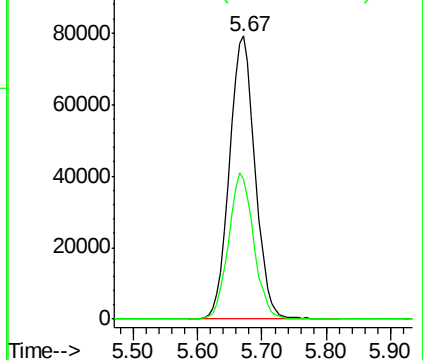
168 100

99 49.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.09 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002762.D

Acq: 21 Jun 2018 01:12

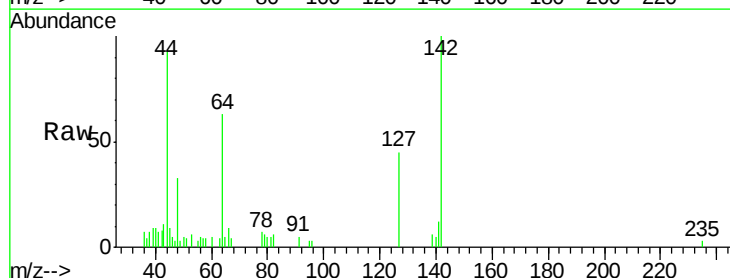
Tgt Ion:142 Resp: 3606

Ion Ratio Lower Upper

142 100

127 48.8 36.6 55.0

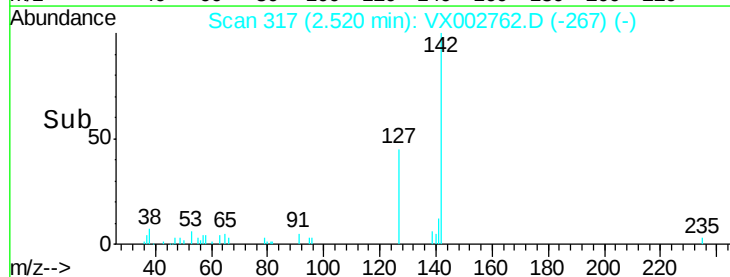
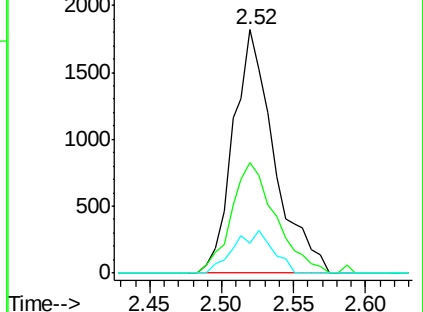
141 16.6 11.3 16.9

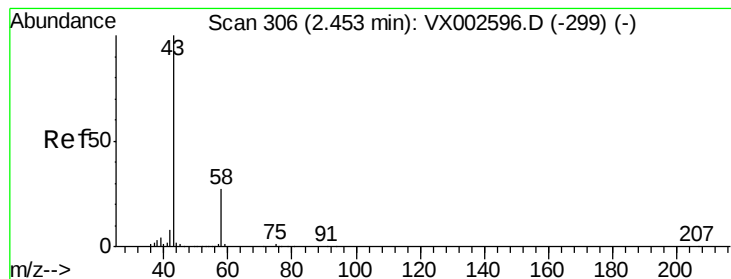


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 6.15 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002762.D

Acq: 21 Jun 2018 01:12

Instrument :

MSVOA_X

ClientSampleId :

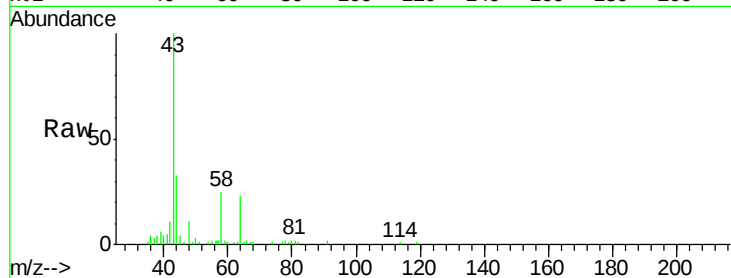
PB110408ZHE#01

Tot Ion: 43 Resp: 9109

Ion Ratio Lower Upper

43 100

58 24.7 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

6000

5000

4000

3000

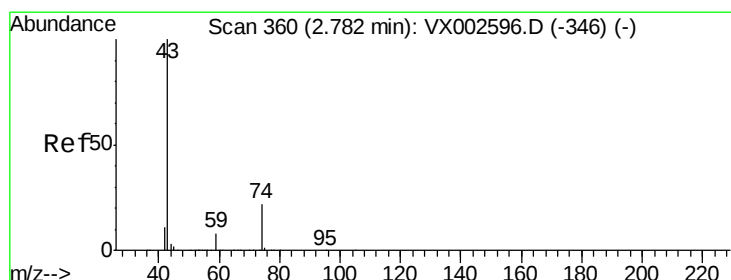
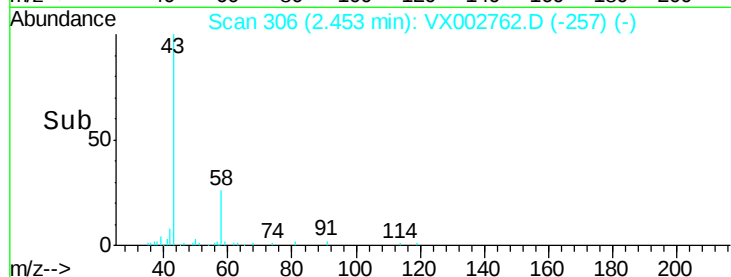
2000

1000

0

2.40 2.45 2.50

Time-->



#18

Methyl Acetate

Concen: 5.53 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002762.D

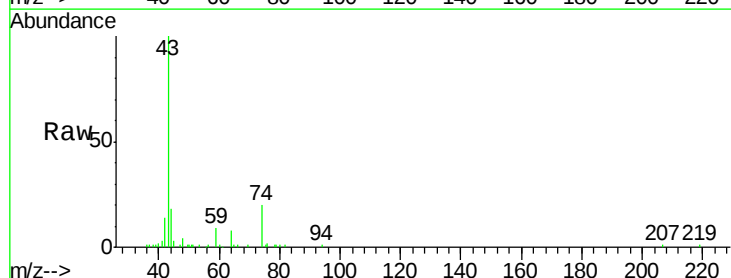
Acq: 21 Jun 2018 01:12

Tgt Ion: 43 Resp: 21811

Ion Ratio Lower Upper

43 100

74 21.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

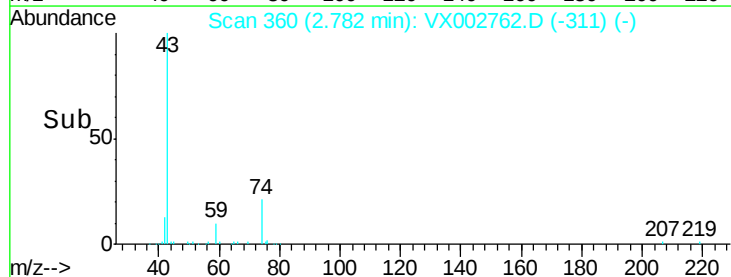
10000

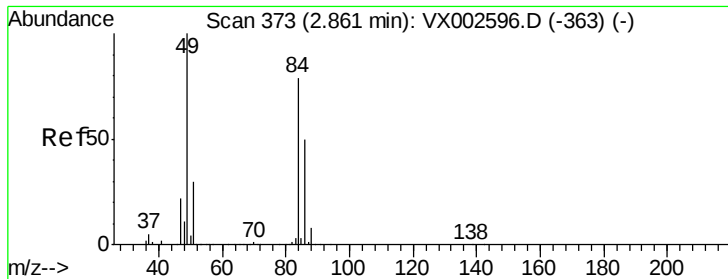
5000

0

2.70 2.75 2.80 2.85 2.90

Time-->





#20

Methylene Chloride

Concen: 3.37 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002762.D

Acq: 21 Jun 2018 01:12

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#01

Tot Ion: 84 Resp: 10236

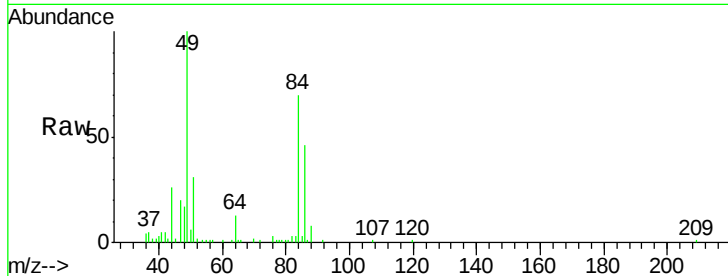
Ion Ratio Lower Upper

84 100

49 142.0 107.8 161.6

51 42.1 32.8 49.2

86 66.6 52.5 78.7

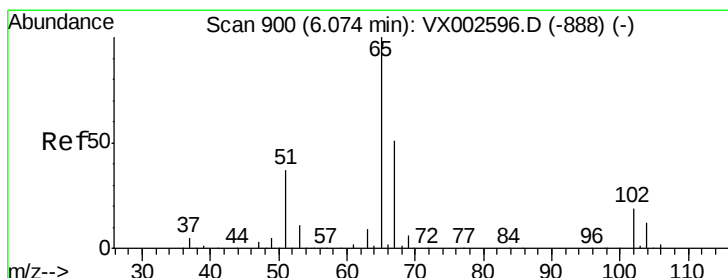
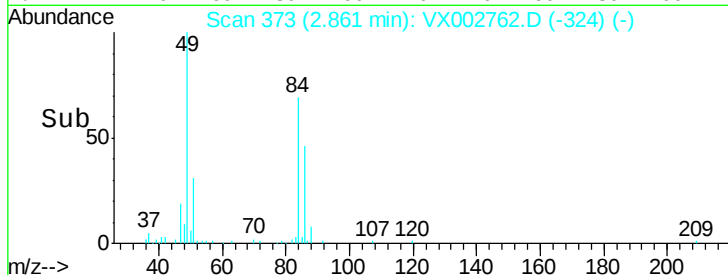
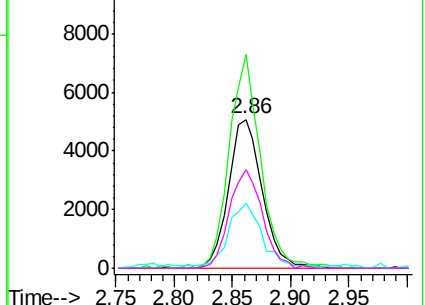


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#33

1,2-Dichloroethane-d4

Concen: 44.56 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002762.D

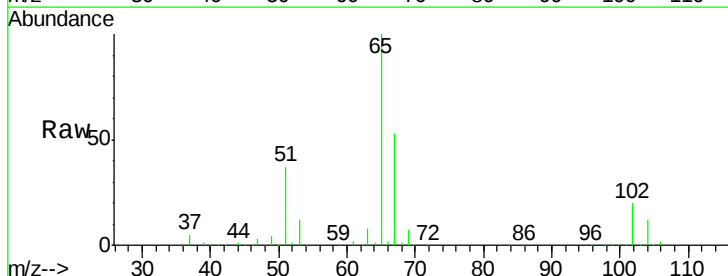
Acq: 21 Jun 2018 01:12

Tgt Ion: 65 Resp: 149491

Ion Ratio Lower Upper

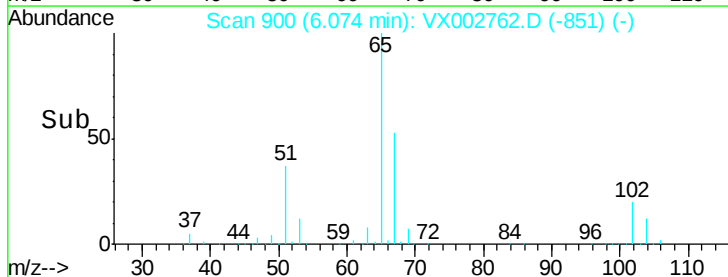
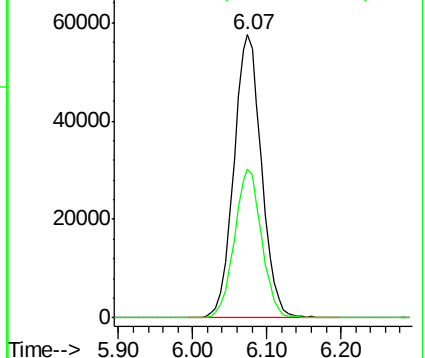
65 100

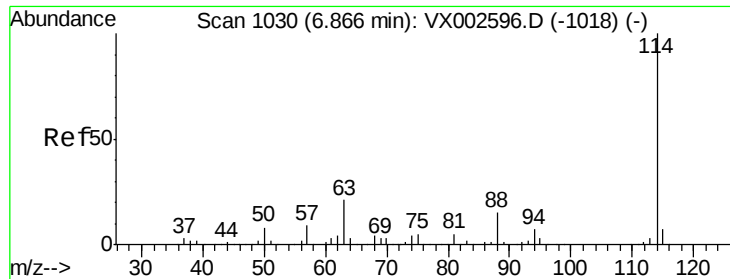
67 51.7 0.0 102.6



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: VX002762.D

Acq: 21 Jun 2018 01:12

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#01

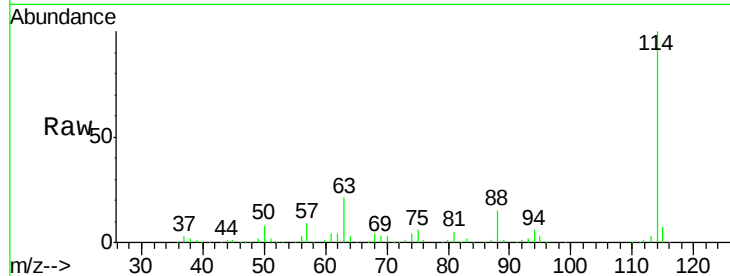
Tot Ion:114 Resp: 309627

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

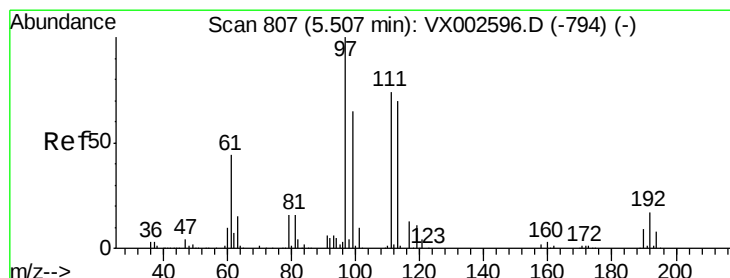
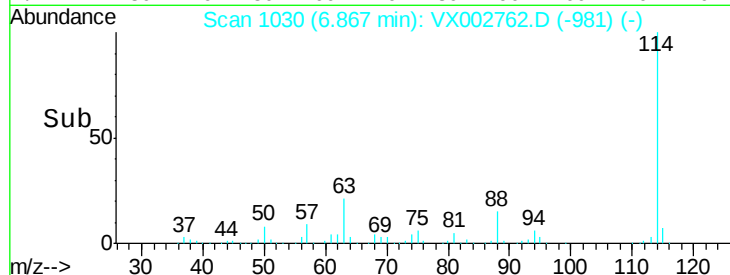
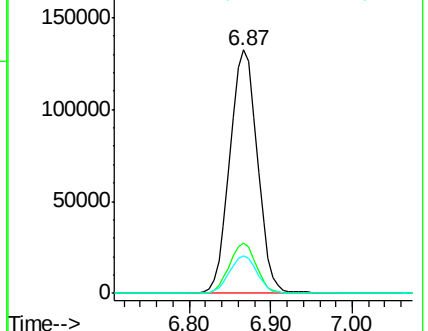
88 15.3 0.0 30.0



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: 49.14 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002762.D

Acq: 21 Jun 2018 01:12

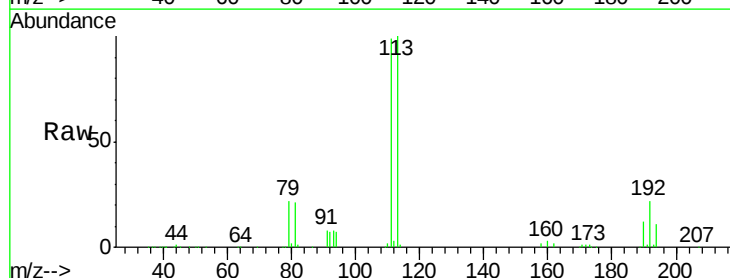
Tgt Ion:113 Resp: 121421

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

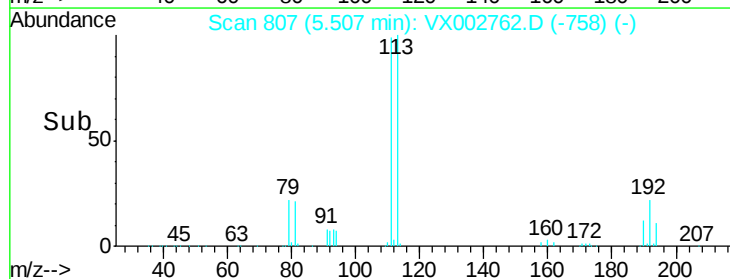
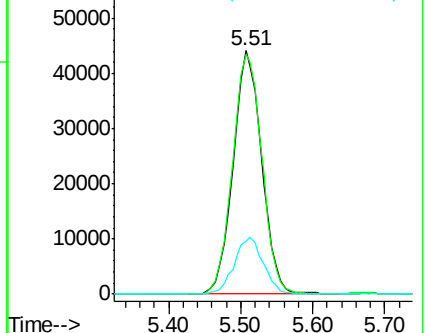
192 23.6 19.1 28.7

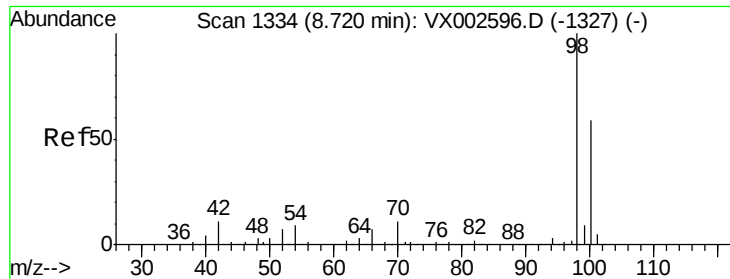


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

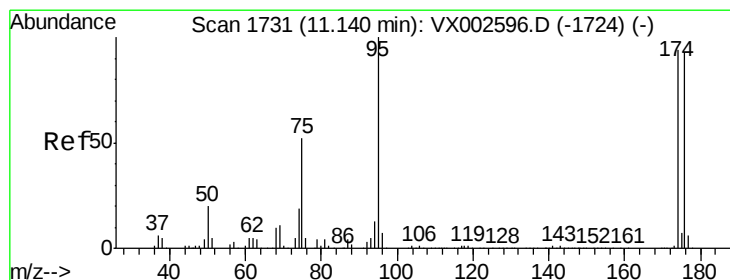
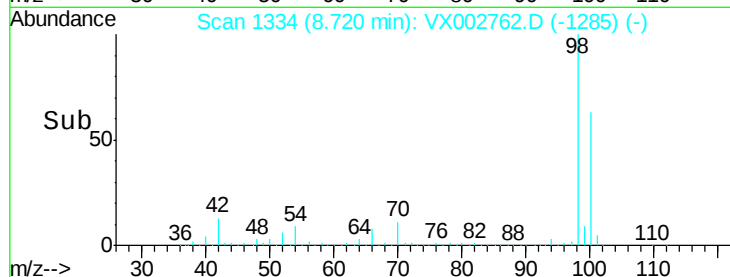
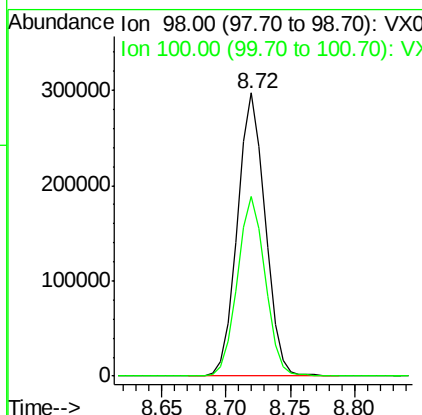
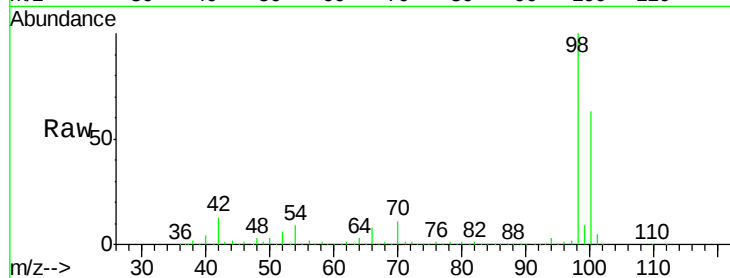




#50
Toluene-d8
Concen: 47.52 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

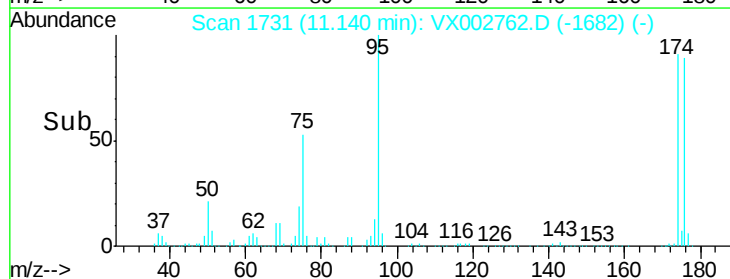
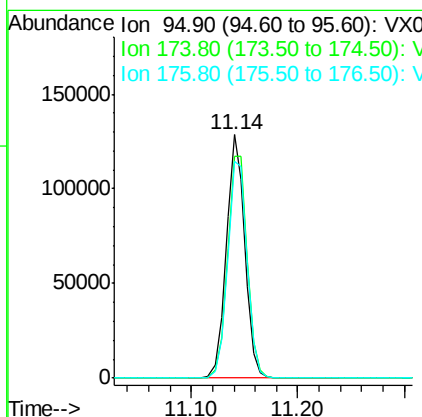
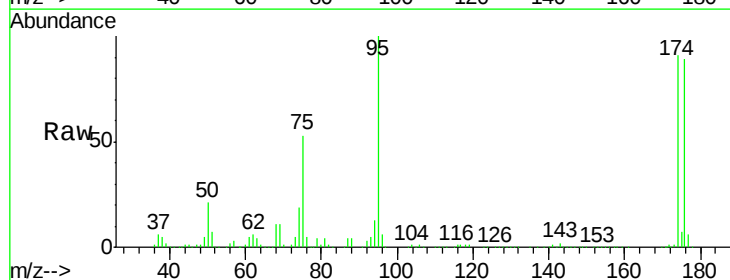
Instrument :
MSVOA_X
ClientSampleId :
PB110408ZHE#01

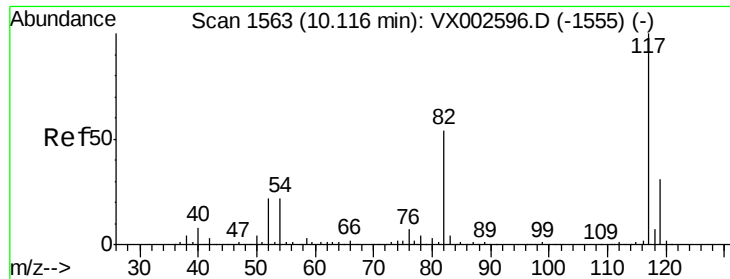
Tot Ion: 98 Resp: 445859
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.83 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002762.D
Acq: 21 Jun 2018 01:12

Tgt Ion: 95 Resp: 155845
Ion Ratio Lower Upper
95 100
174 98.0 0.0 187.4
176 94.5 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002762.D

Acq: 21 Jun 2018 01:12

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#01

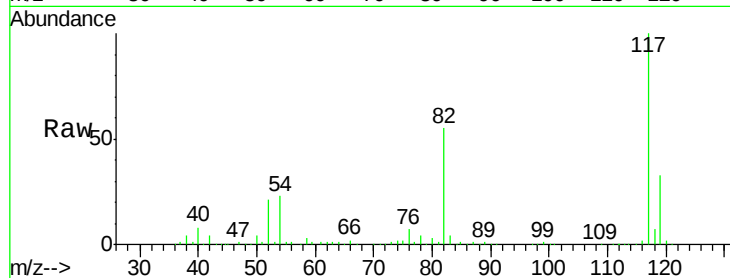
Tot Ion:117 Resp: 290017

Ion Ratio Lower Upper

117 100

82 55.2 45.0 67.4

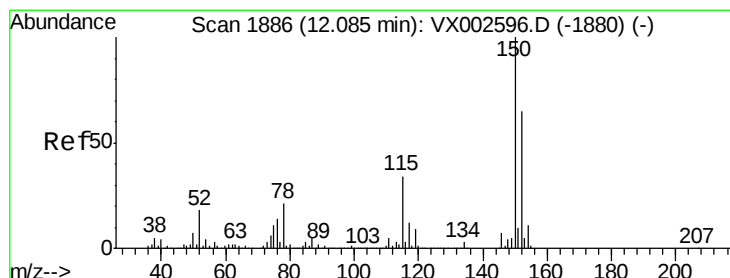
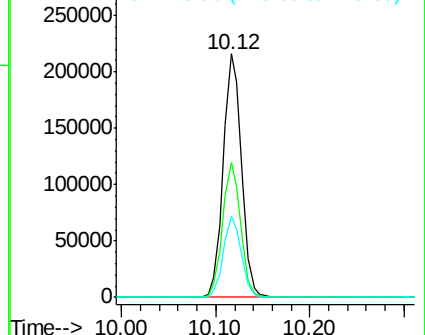
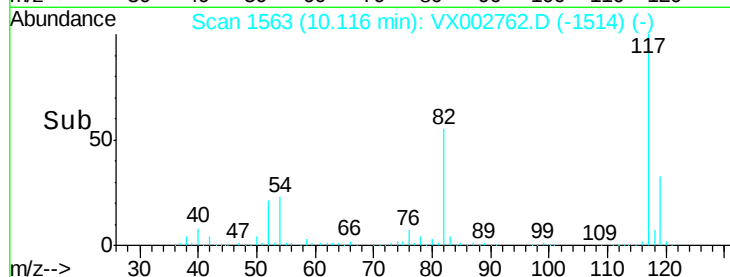
119 33.2 25.8 38.6



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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002762.D

Acq: 21 Jun 2018 01:12

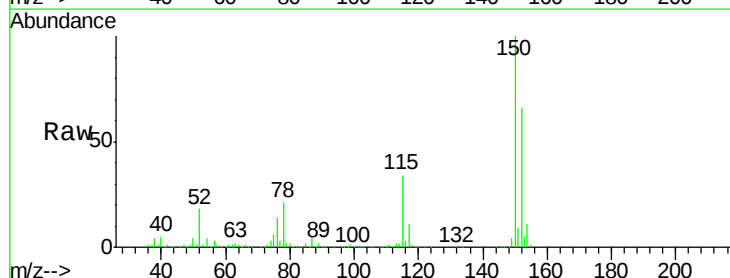
Tgt Ion:152 Resp: 167507

Ion Ratio Lower Upper

152 100

115 54.0 40.1 120.2

150 154.1 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

