

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002764.D
 Acq On : 21 Jun 2018 02:05
 Operator : JC/MD
 Sample : PB110408ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#03

Quant Time: Jun 21 07:01:25 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	223761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	318216	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	169618	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	154029	45.30	ug/l	0.00
Spiked Amount			Recovery	=	90.60%	
35) Dibromofluoromethane	5.51	113	123324	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
50) Toluene-d8	8.72	98	456402	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.14	95	160582	43.95	ug/l	0.00
Spiked Amount			Recovery	=	87.90%	

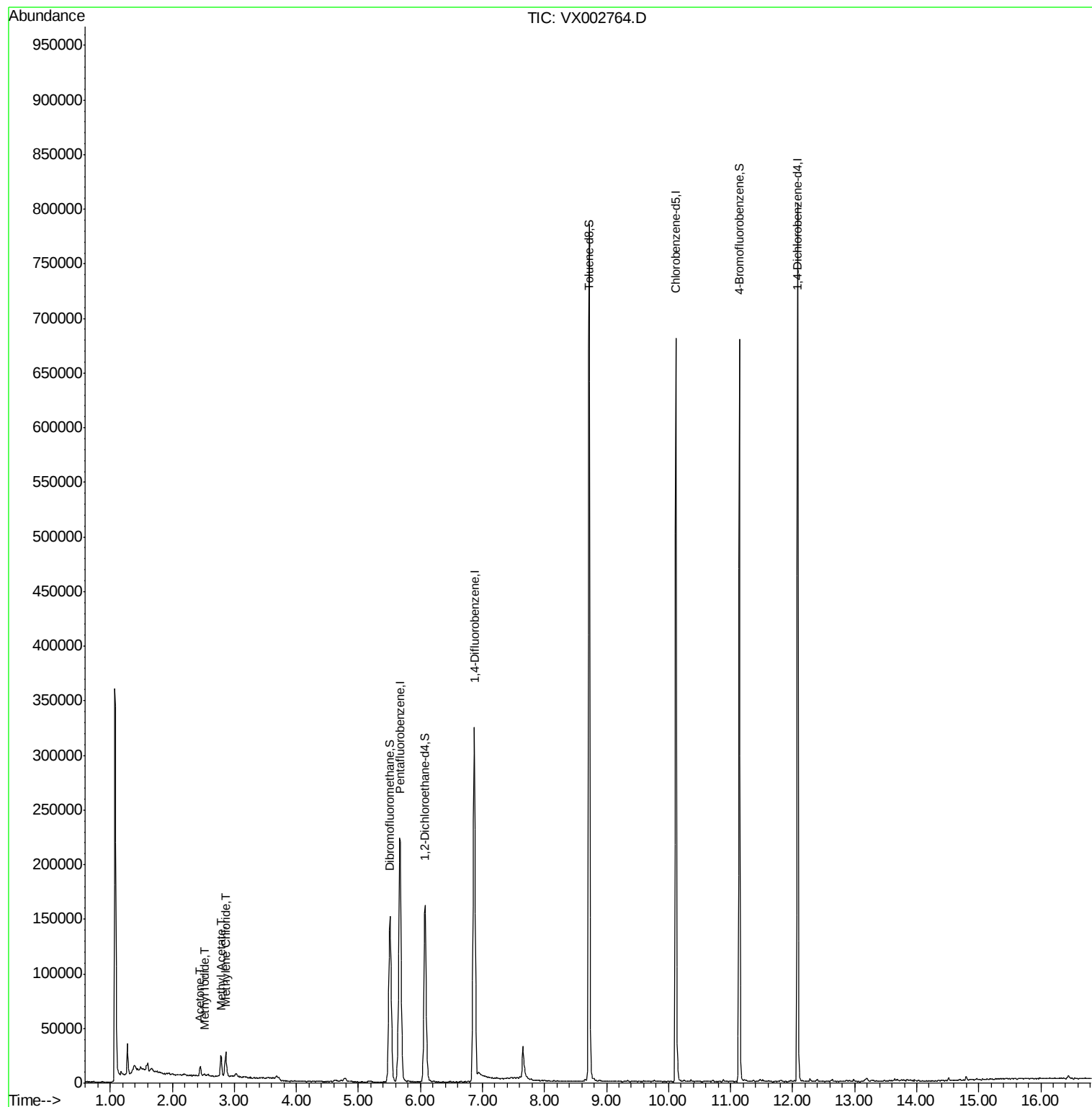
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	2073	5.70	ug/l	95
16) Acetone	2.45	43	9445	6.30	ug/l	99
18) Methyl Acetate	2.78	43	22241	5.56	ug/l	94
20) Methylene Chloride	2.86	84	10540	3.43	ug/l	95

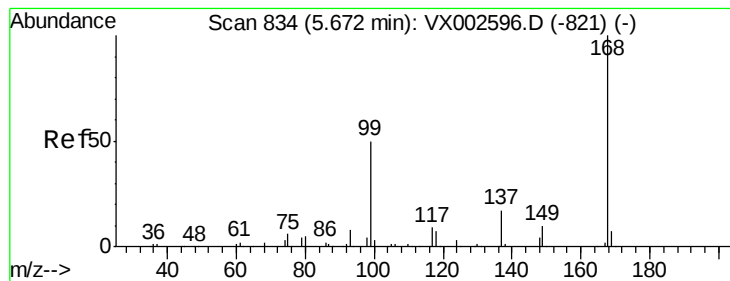
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002764.D

Acq: 21 Jun 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

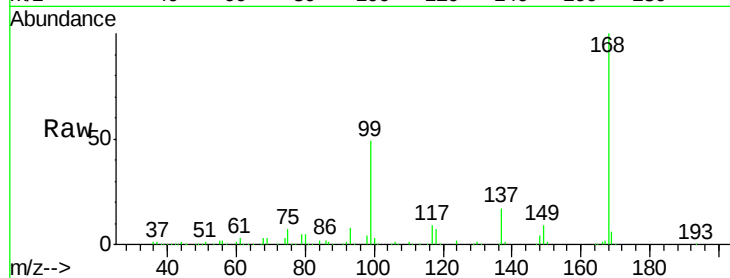
PB110408ZHE#03

Tot Ion:168 Resp: 223761

Ion Ratio Lower Upper

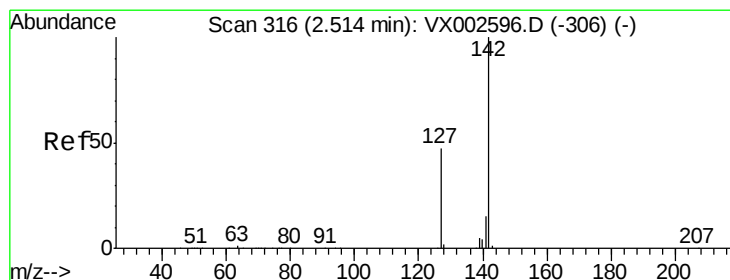
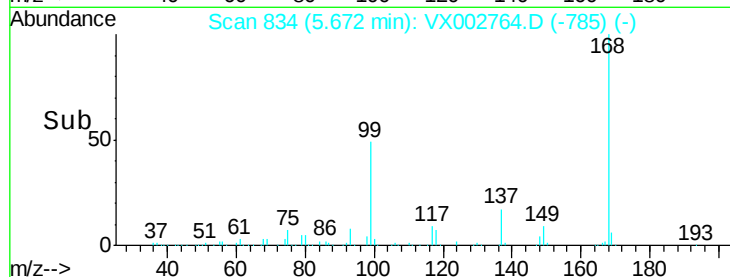
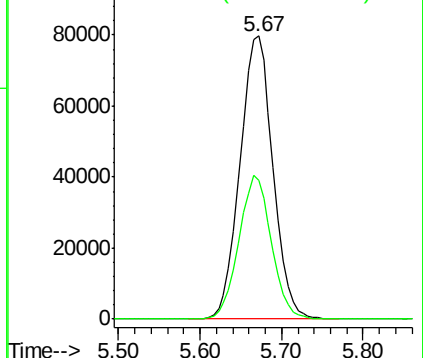
168 100

99 49.2 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: 5.70 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002764.D

Acq: 21 Jun 2018 02:05

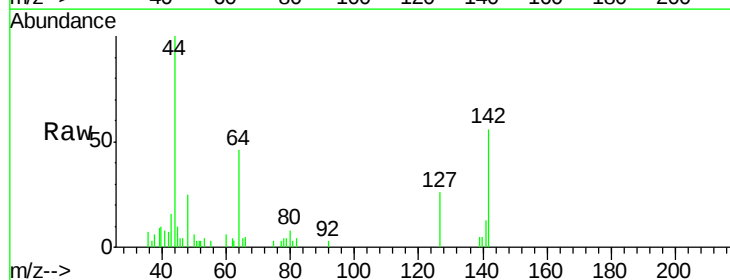
Tgt Ion:142 Resp: 2073

Ion Ratio Lower Upper

142 100

127 49.3 36.6 55.0

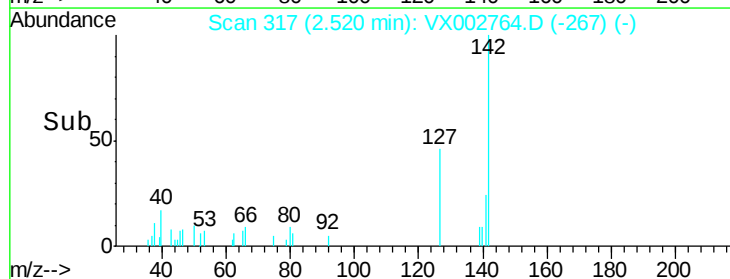
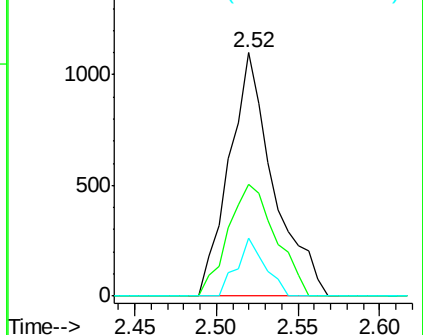
141 15.1 11.3 16.9

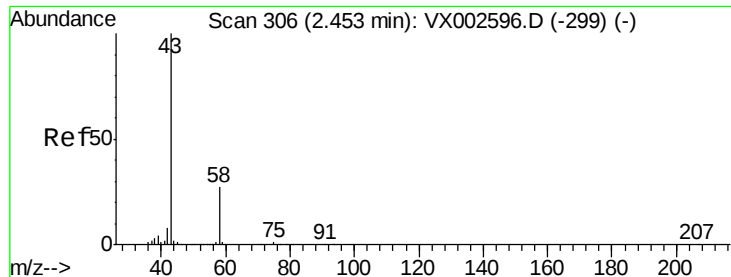


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 6.30 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002764.D

Acq: 21 Jun 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

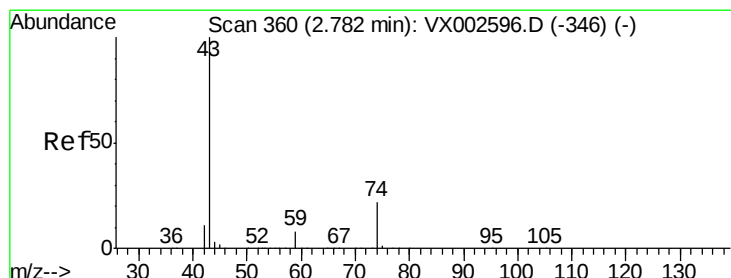
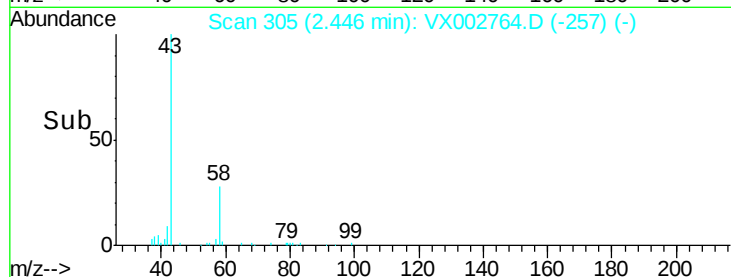
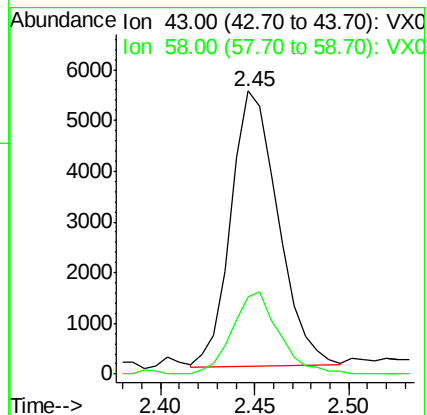
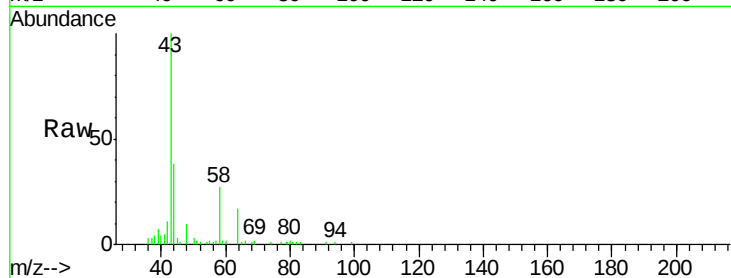
PB110408ZHE#03

Tot Ion: 43 Resp: 9445

Ion Ratio Lower Upper

43 100

58 28.3 22.1 33.1



#18

Methyl Acetate

Concen: 5.56 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002764.D

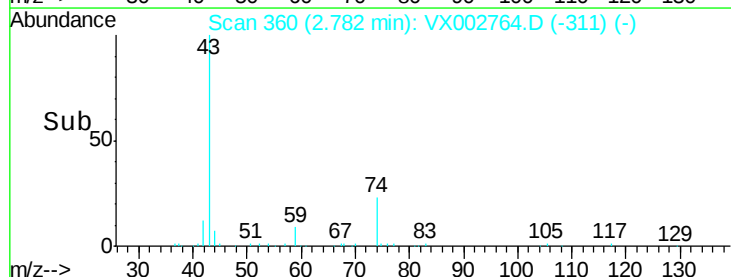
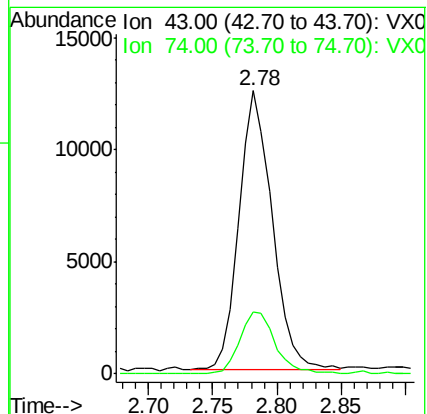
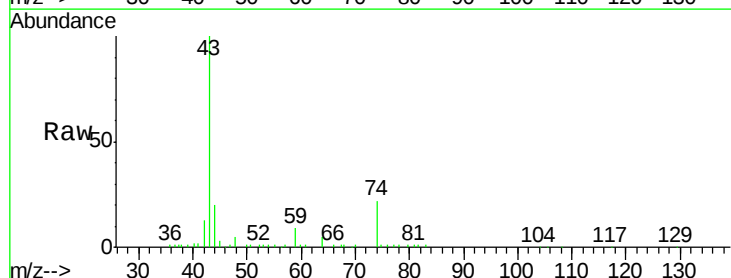
Acq: 21 Jun 2018 02:05

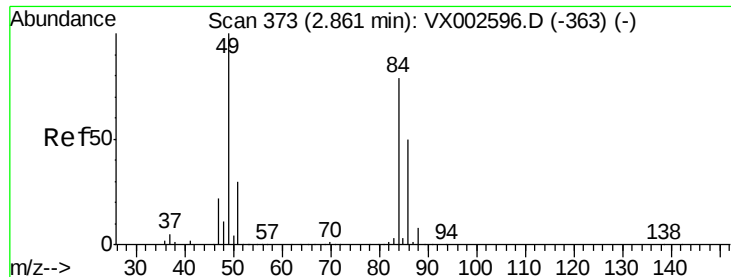
Tgt Ion: 43 Resp: 22241

Ion Ratio Lower Upper

43 100

74 23.7 16.7 25.1

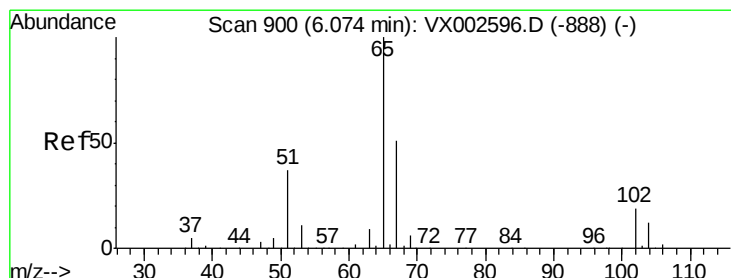
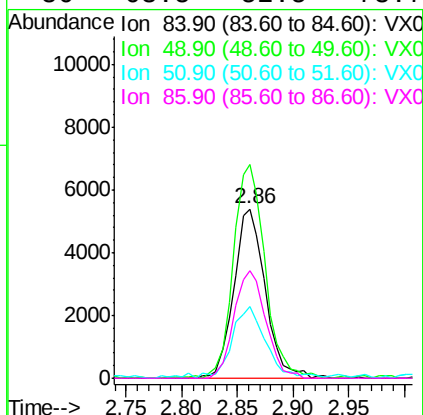
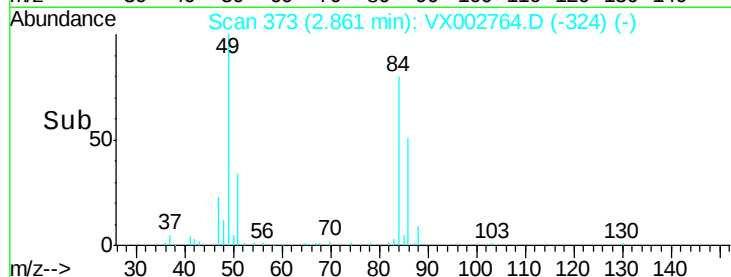
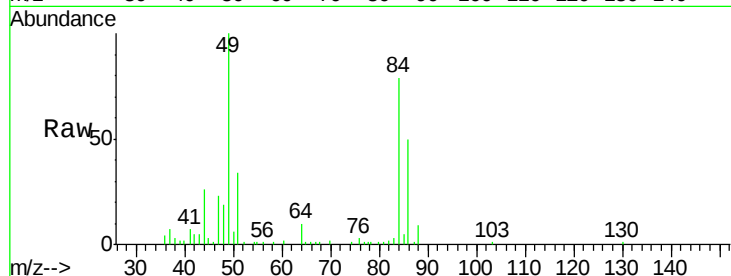




#20
Methylene Chloride
Concen: 3.43 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002764.D
Acq: 21 Jun 2018 02:05

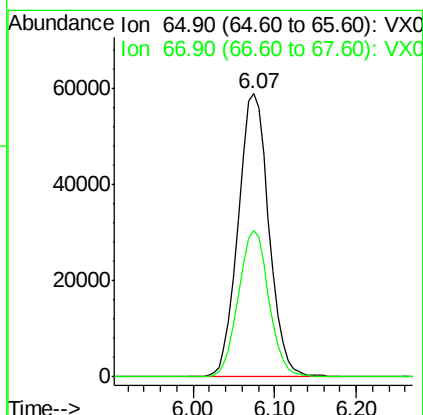
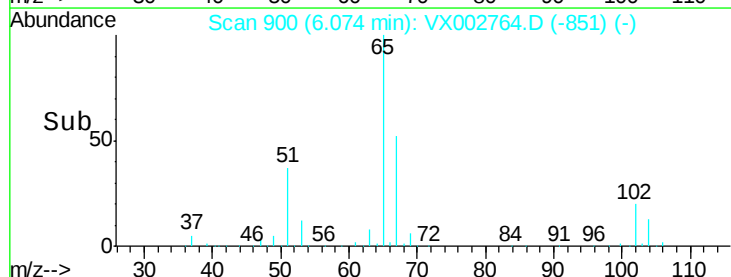
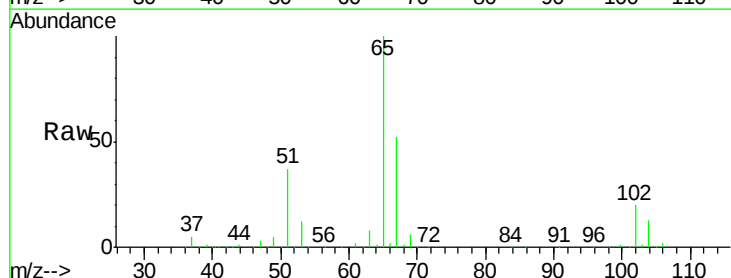
Instrument :
MSVOA_X
ClientSampleId :
PB110408ZHE#03

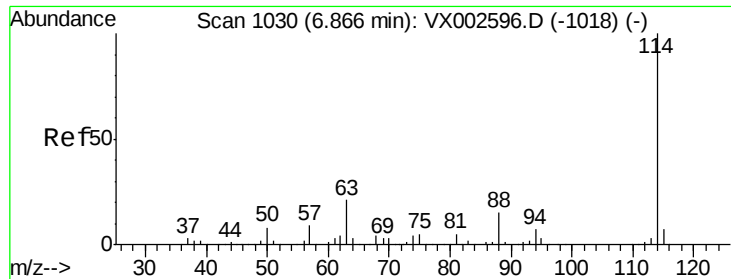
Tot Ion: 84 Resp: 10540
Ion Ratio Lower Upper
84 100
49 125.1 107.8 161.6
51 40.2 32.8 49.2
86 63.5 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 45.30 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002764.D
Acq: 21 Jun 2018 02:05

Tgt Ion: 65 Resp: 154029
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.6

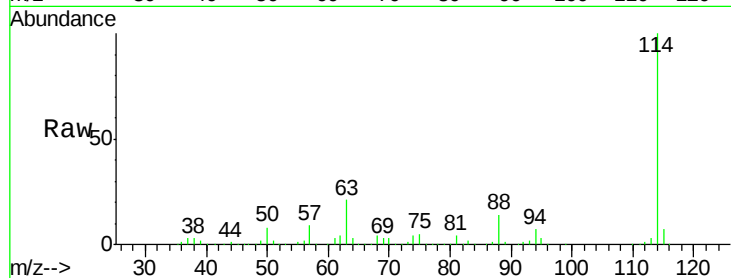




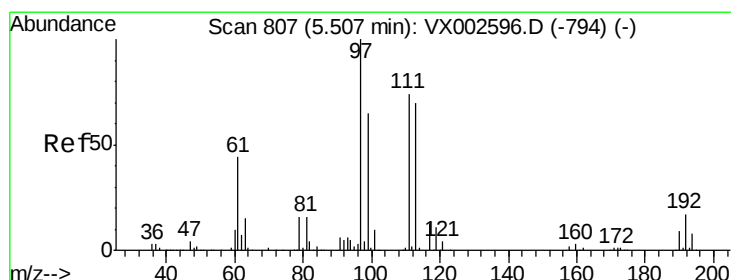
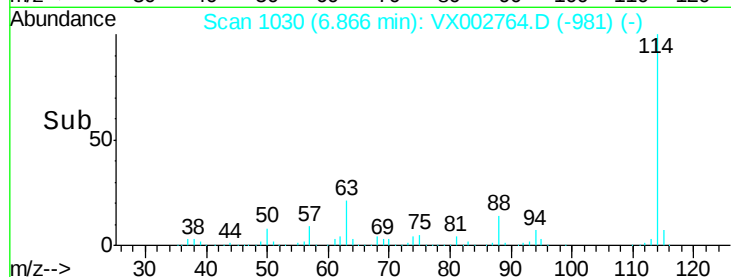
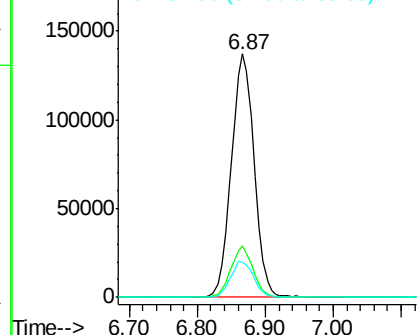
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002764.D
 Acq: 21 Jun 2018 02:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#03

Tot Ion:114 Resp: 318216
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 14.5 0.0 30.0

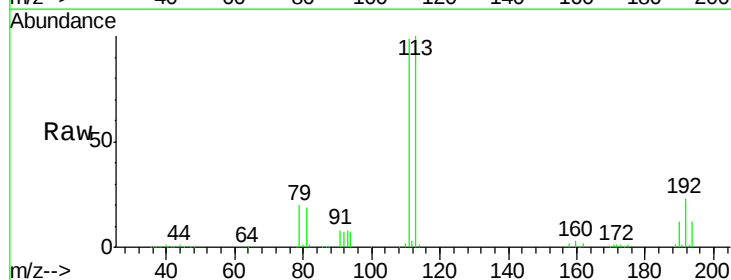


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

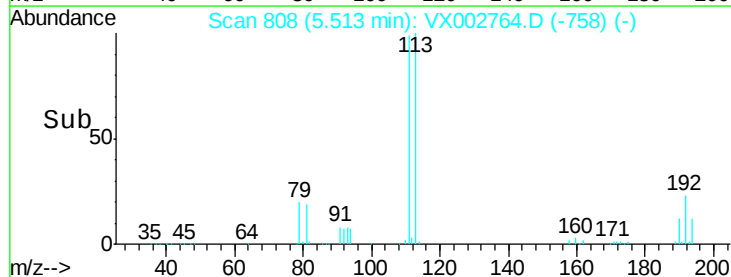
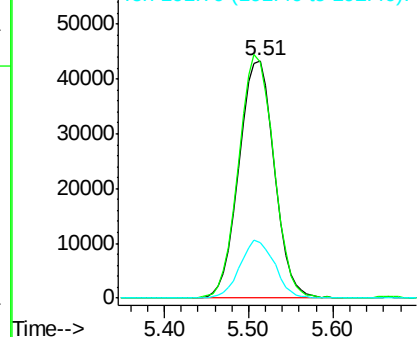


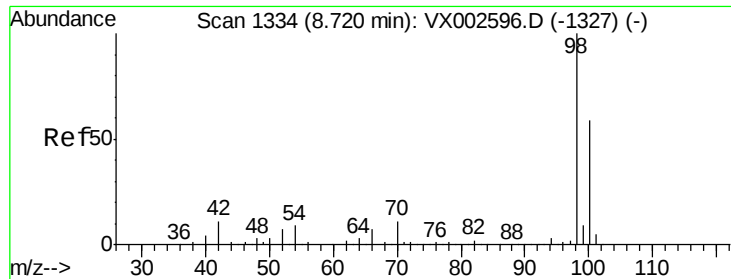
#35
 Dibromofluoromethane
 Concen: 48.56 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002764.D
 Acq: 21 Jun 2018 02:05

Tgt Ion:113 Resp: 123324
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.0
 192 23.9 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

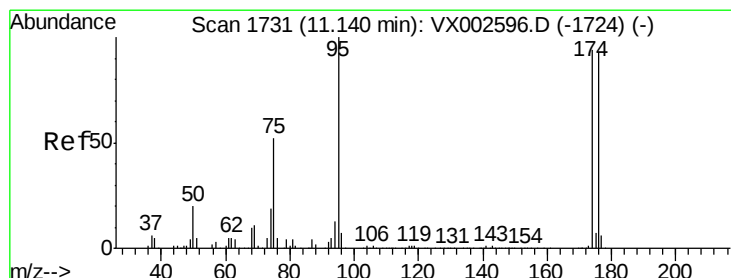
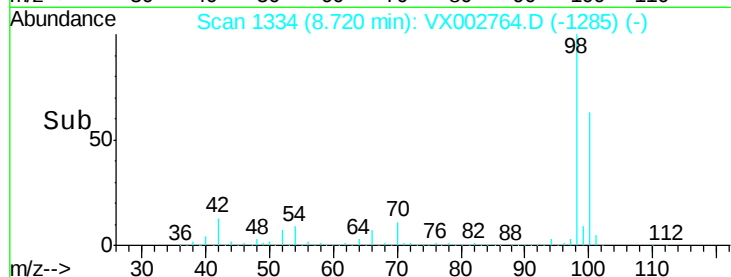
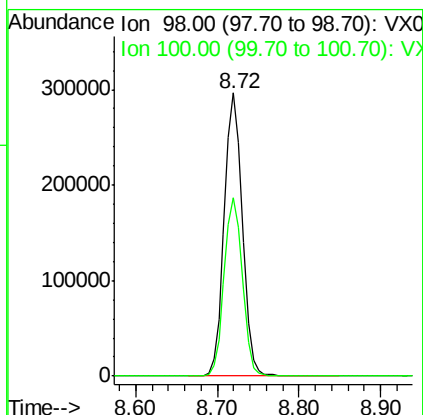
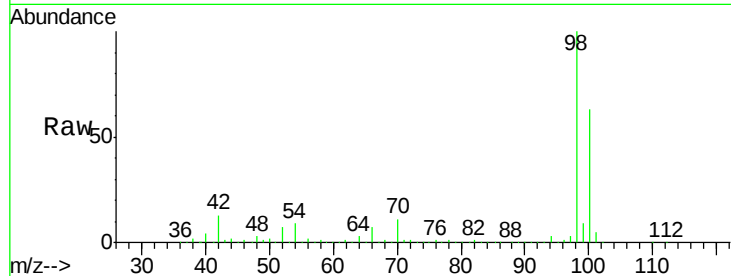




#50
Toluene-d8
Concen: 47.33 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002764.D
Acq: 21 Jun 2018 02:05

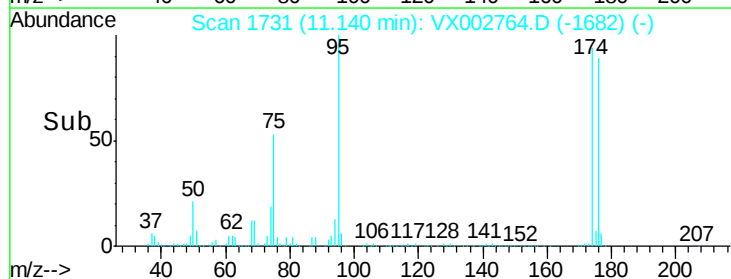
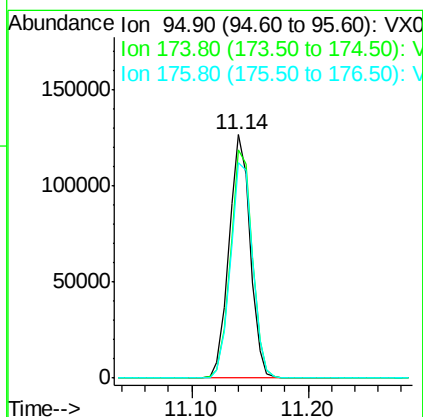
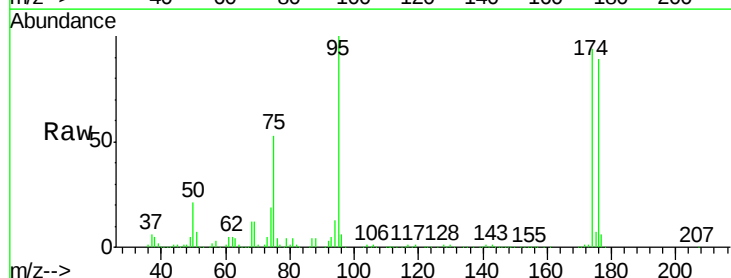
Instrument :
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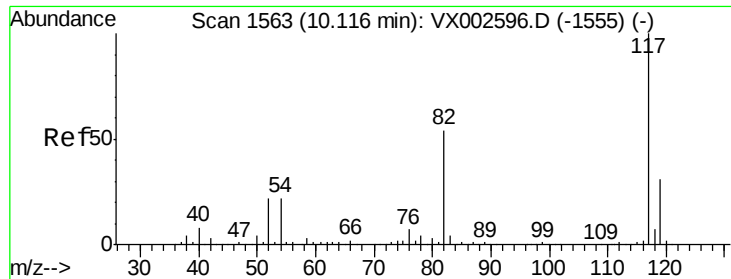
Tot Ion: 98 Resp: 456402
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.95 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002764.D
Acq: 21 Jun 2018 02:05

Tgt Ion: 95 Resp: 160582
Ion Ratio Lower Upper
95 100
174 96.4 0.0 187.4
176 92.9 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: VX002764.D

Acq: 21 Jun 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#03

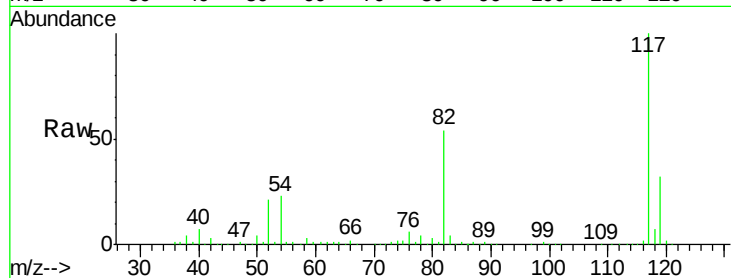
Tot Ion:117 Resp: 298854

Ion Ratio Lower Upper

117 100

82 53.7 45.0 67.4

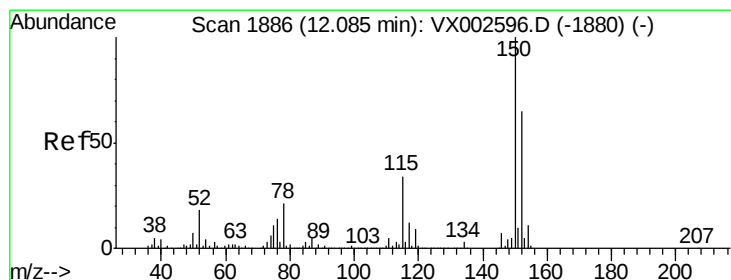
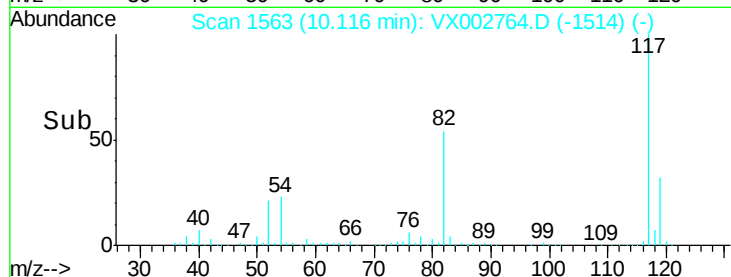
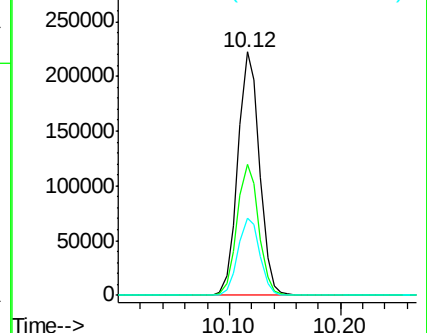
119 32.0 25.8 38.6



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: VX002764.D

Acq: 21 Jun 2018 02:05

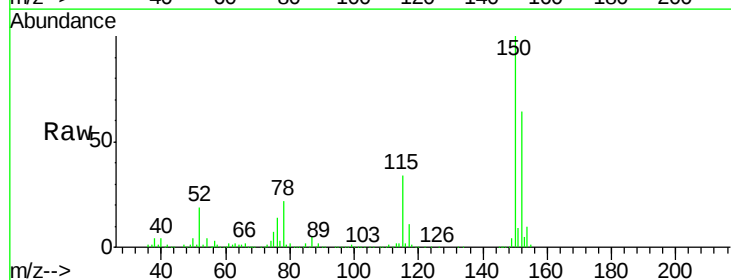
Tgt Ion:152 Resp: 169618

Ion Ratio Lower Upper

152 100

115 55.4 40.1 120.2

150 157.0 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

