

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002763.D
 Acq On : 21 Jun 2018 01:39
 Operator : JC/MD
 Sample : PB110408ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#02

Quant Time: Jun 21 06:59:10 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	219057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	308774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165891	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	149164	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
35) Dibromofluoromethane	5.51	113	119975	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	8.72	98	444088	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.14	95	153949	43.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.84%	

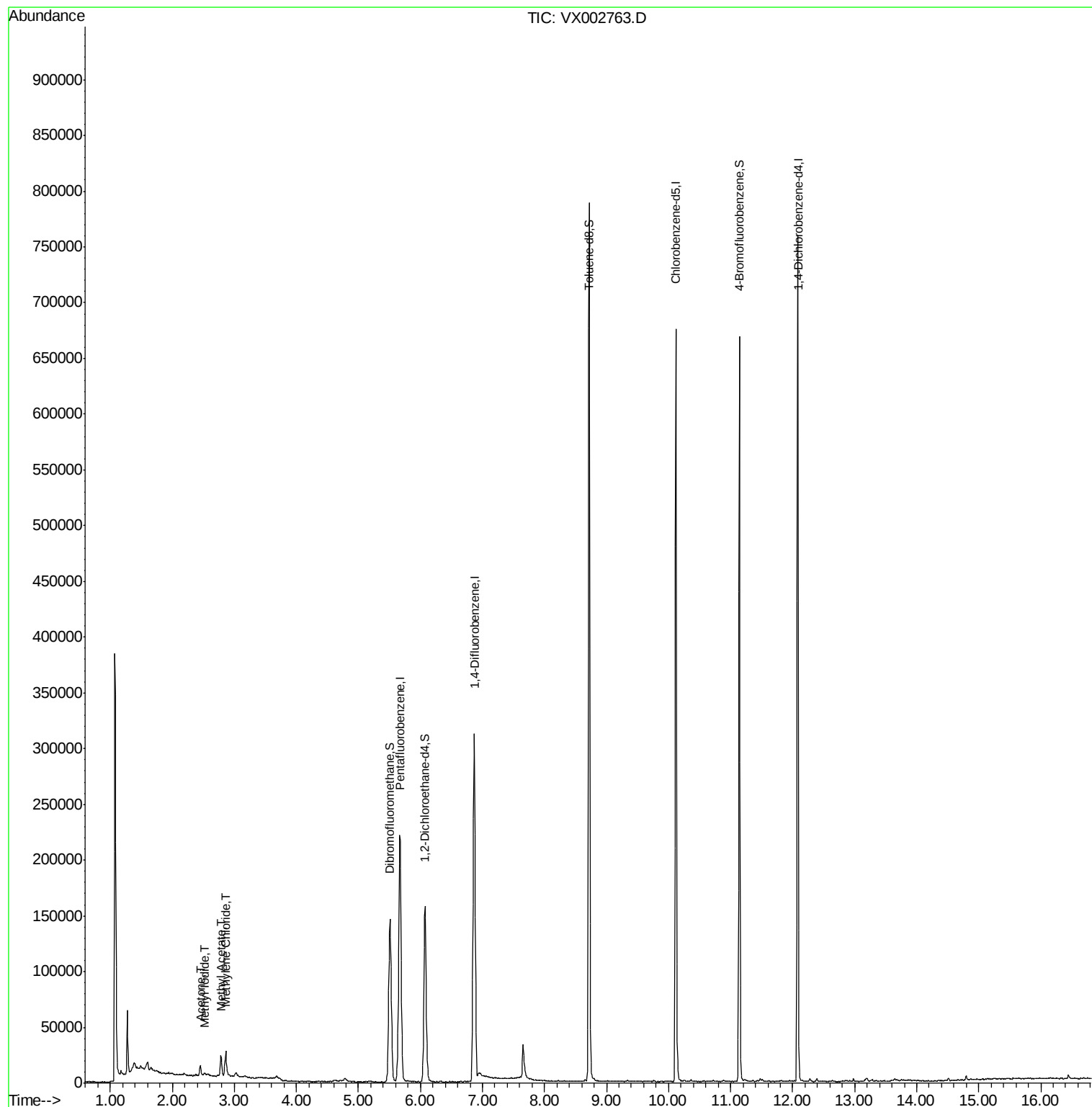
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.53	142	2822	5.90	ug/l	96
16) Acetone	2.45	43	9632	6.56	ug/l	97
18) Methyl Acetate	2.78	43	22341	5.71	ug/l	96
20) Methylene Chloride	2.86	84	10754	3.57	ug/l	97

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

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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: VX002763.D

Acq: 21 Jun 2018 01:39

Instrument :

MSVOA_X

ClientSampleId :

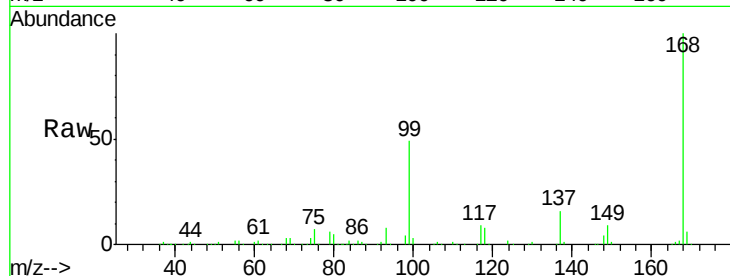
PB110408ZHE#02

Tot Ion:168 Resp: 219057

Ion Ratio Lower Upper

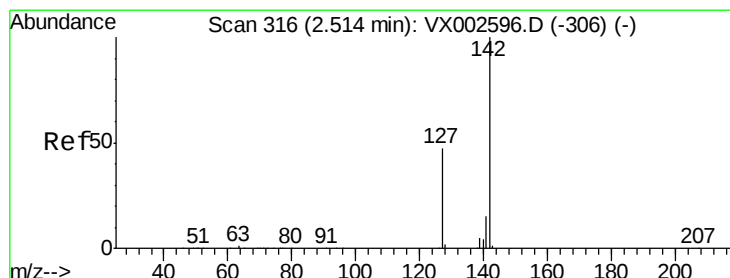
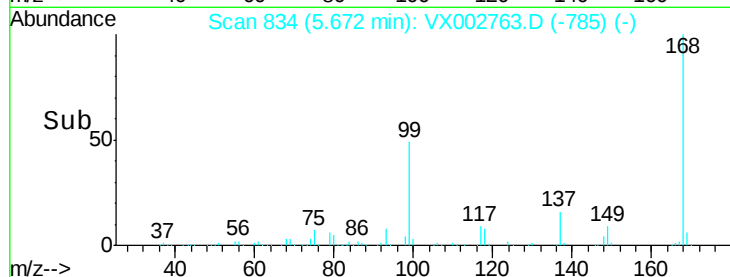
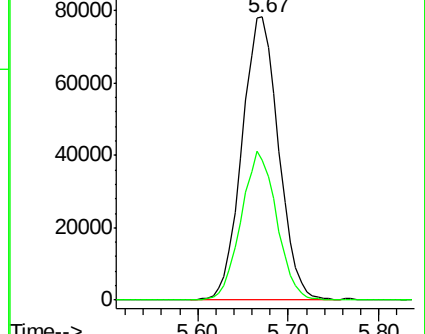
168 100

99 49.4 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: 5.90 ug/l

RT: 2.53 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002763.D

Acq: 21 Jun 2018 01:39

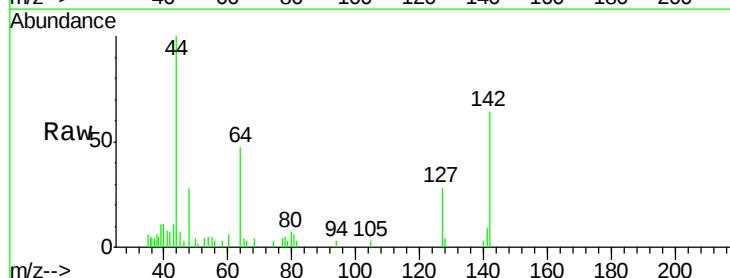
Tgt Ion:142 Resp: 2822

Ion Ratio Lower Upper

142 100

127 49.0 36.6 55.0

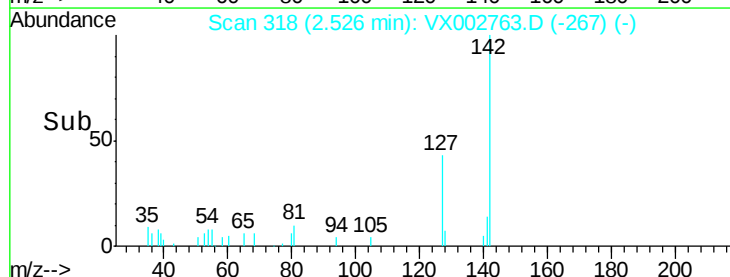
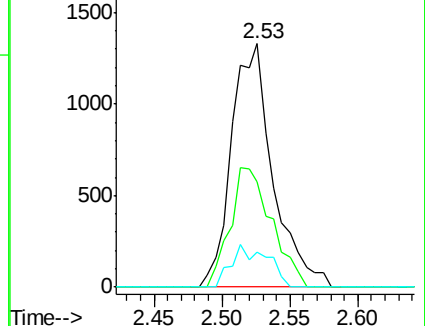
141 15.2 11.3 16.9

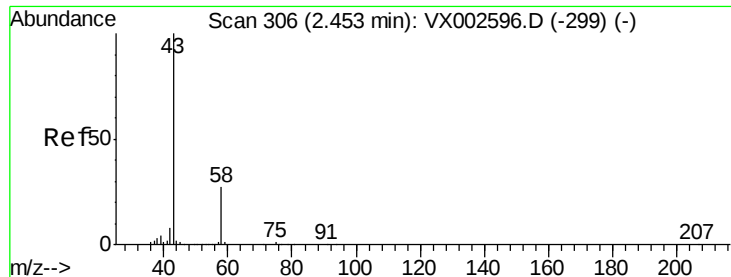


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 6.56 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002763.D

Acq: 21 Jun 2018 01:39

Instrument :

MSVOA_X

ClientSampleId :

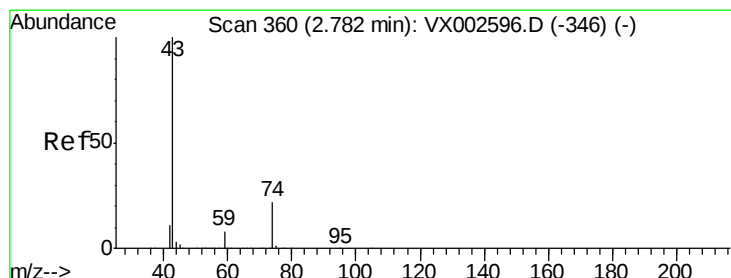
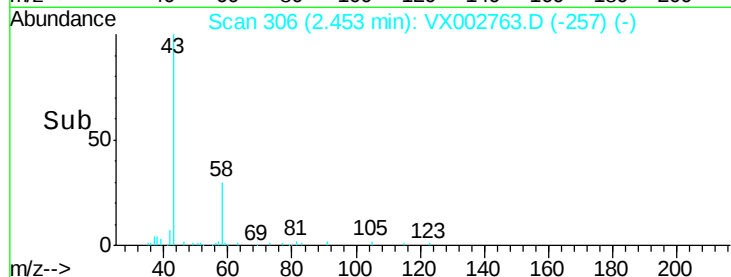
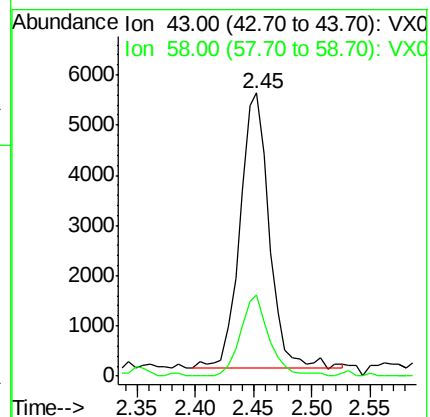
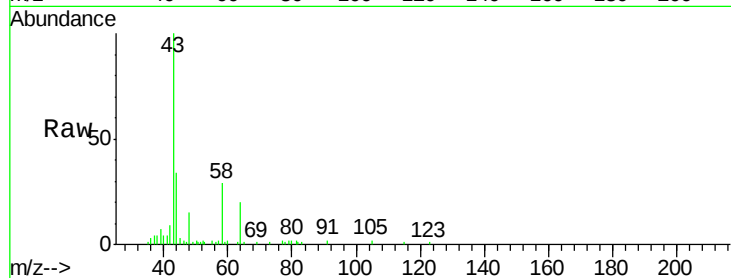
PB110408ZHE#02

Tot Ion: 43 Resp: 9632

Ion Ratio Lower Upper

43 100

58 29.4 22.1 33.1



#18

Methyl Acetate

Concen: 5.71 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002763.D

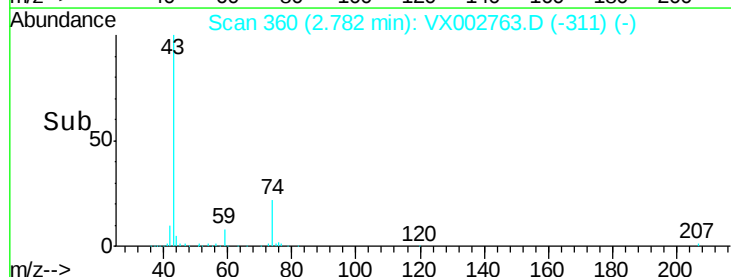
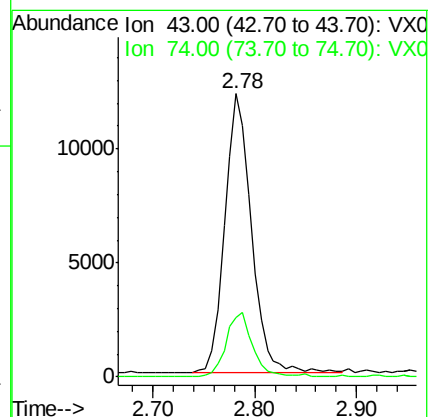
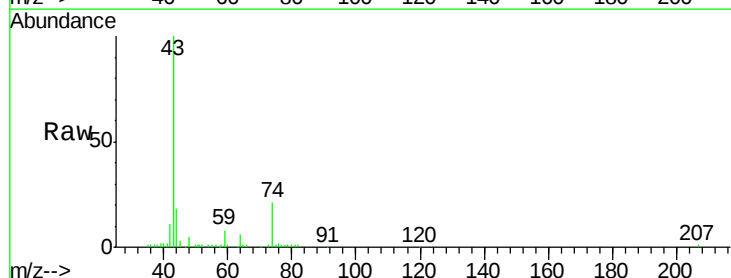
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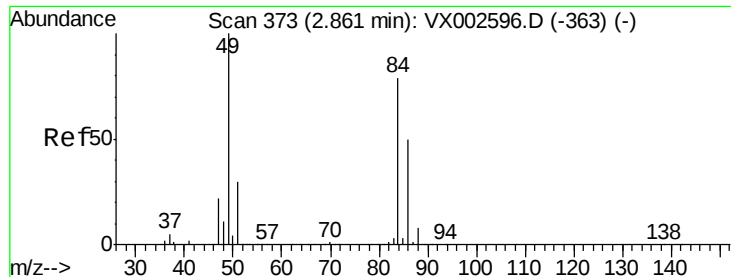
Tgt Ion: 43 Resp: 22341

Ion Ratio Lower Upper

43 100

74 22.8 16.7 25.1

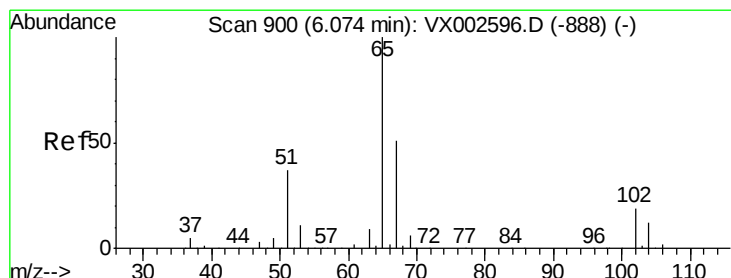
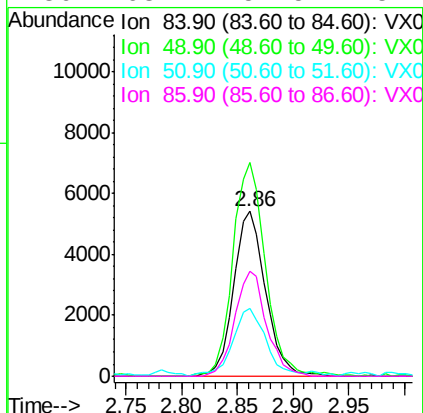
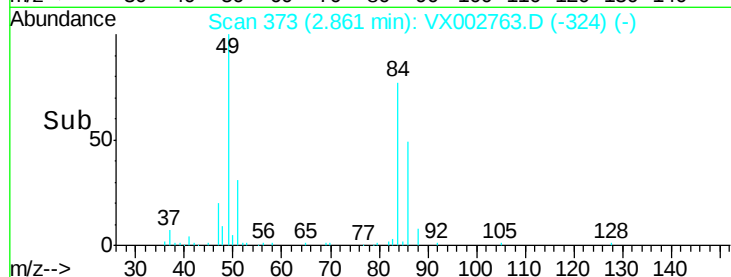
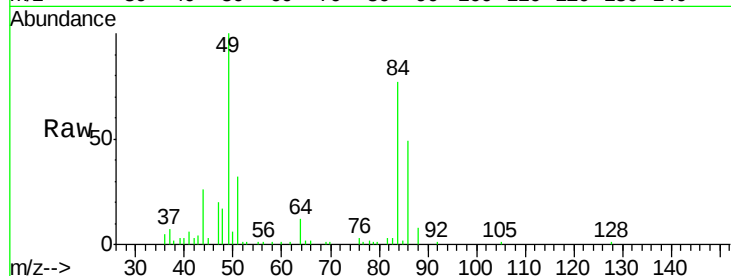




#20
Methvlene Chloride
Concen: 3.57 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002763.D
Acq: 21 Jun 2018 01:39

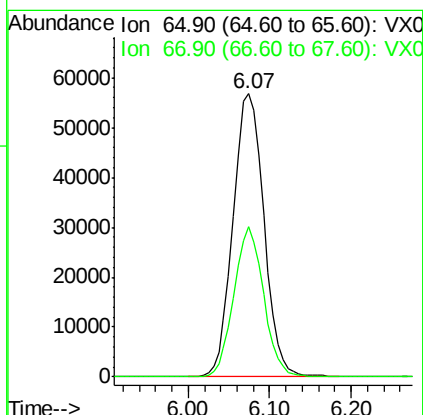
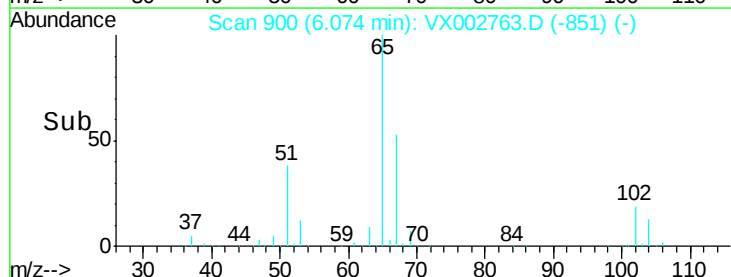
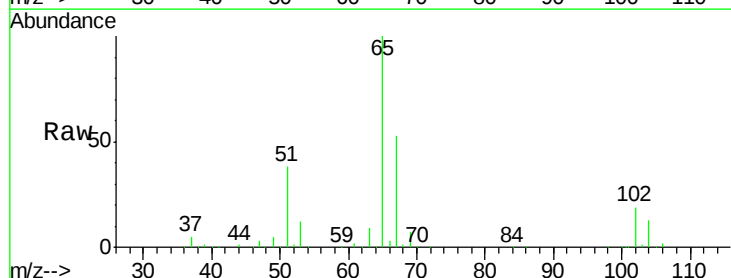
Instrument :
MSVOA_X
ClientSampleId :
PB110408ZHE#02

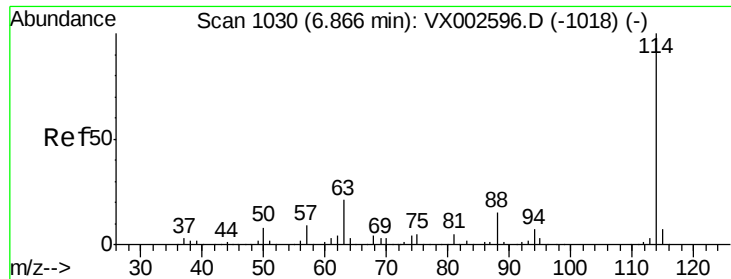
Tot Ion: 84 Resp: 10754
Ion Ratio Lower Upper
84 100
49 129.7 107.8 161.6
51 41.0 32.8 49.2
86 63.4 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 44.81 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002763.D
Acq: 21 Jun 2018 01:39

Tgt Ion: 65 Resp: 149164
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.6

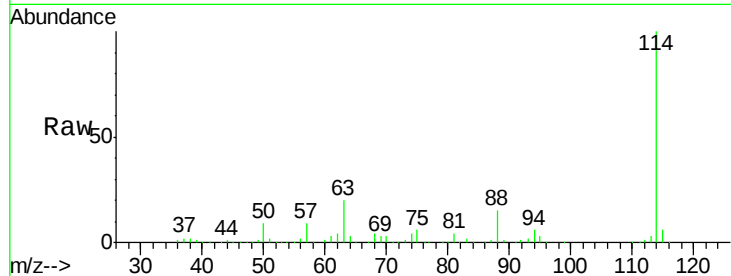




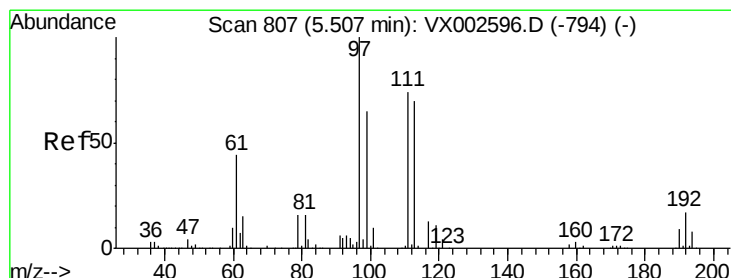
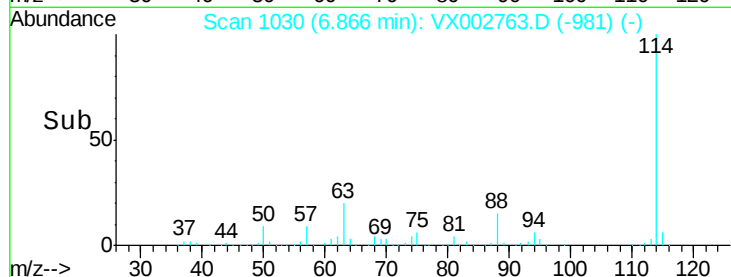
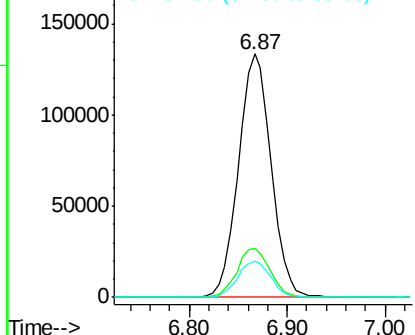
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002763.D
 Acq: 21 Jun 2018 01:39

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#02

Tot Ion:114 Resp: 308774
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 14.8 0.0 30.0

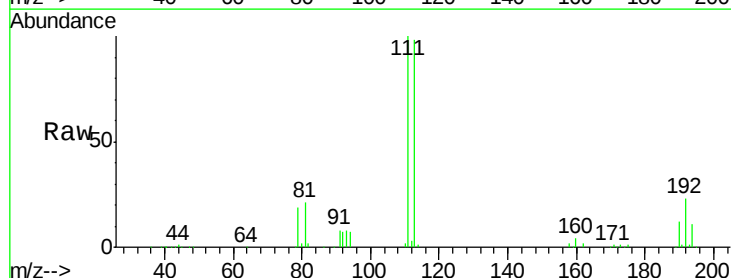


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

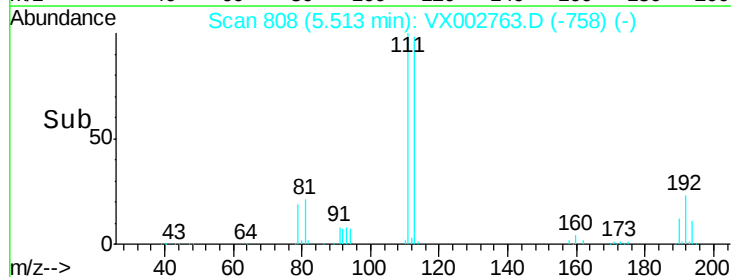
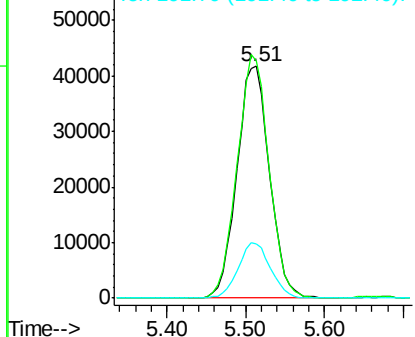


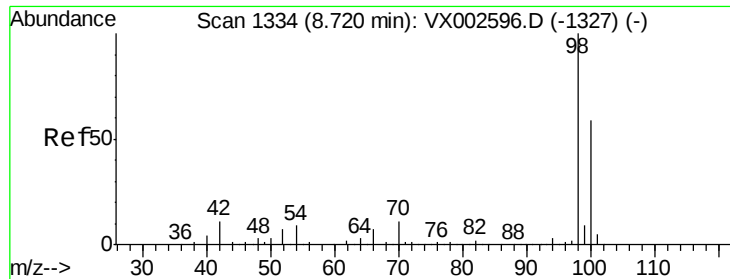
#35
 Dibromofluoromethane
 Concen: 48.68 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002763.D
 Acq: 21 Jun 2018 01:39

Tgt Ion:113 Resp: 119975
 Ion Ratio Lower Upper
 113 100
 111 102.5 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: 47.46 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002763.D

Acq: 21 Jun 2018 01:39

Instrument :

MSVOA_X

ClientSampleId :

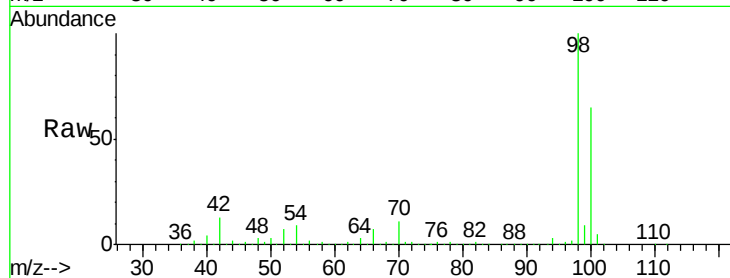
PB110408ZHE#02

Tot Ion: 98 Resp: 444088

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

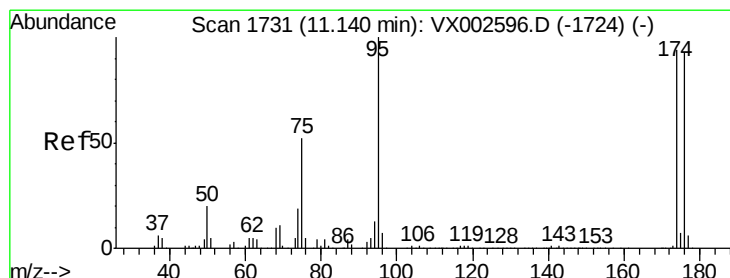
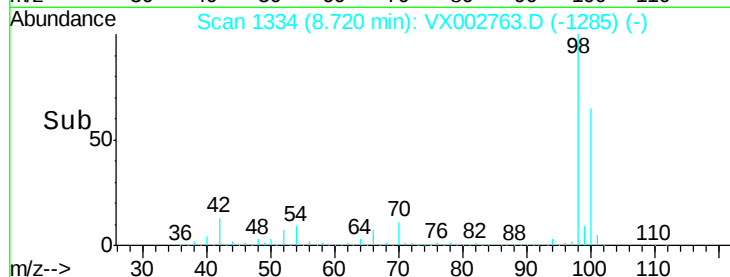
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 43.42 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002763.D

Acq: 21 Jun 2018 01:39

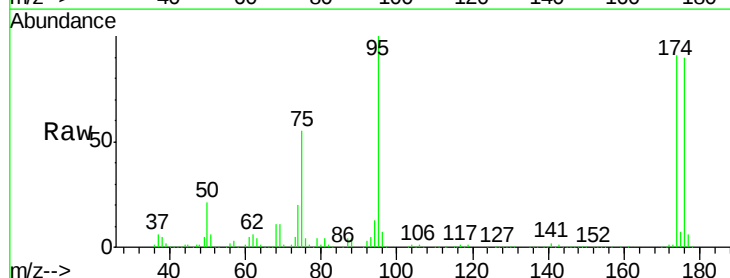
Tgt Ion: 95 Resp: 153949

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

176 95.1 0.0 181.0



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

11.14

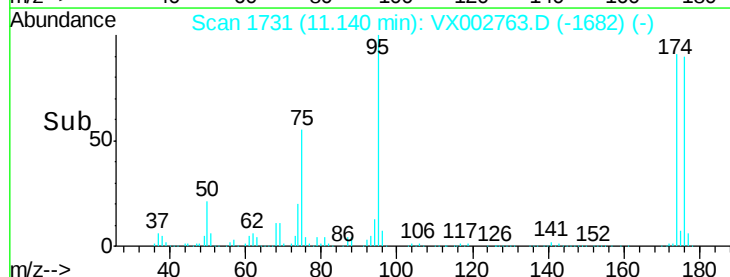
150000

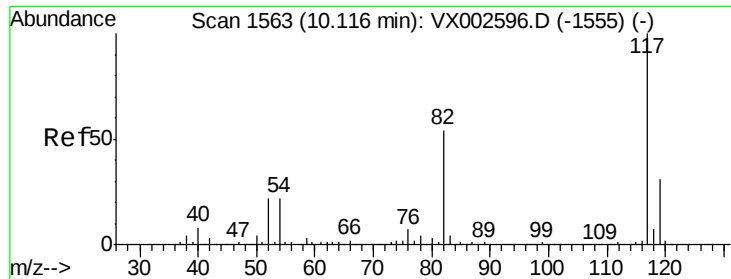
100000

50000

0

Time--> 11.10 11.20

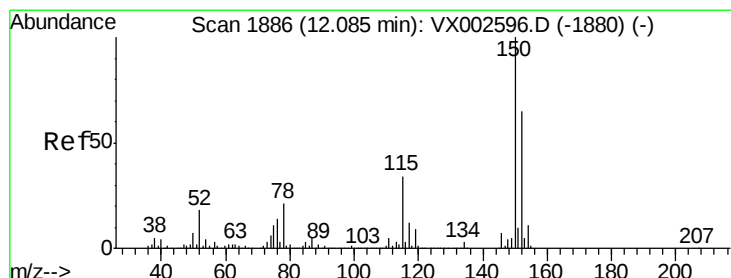
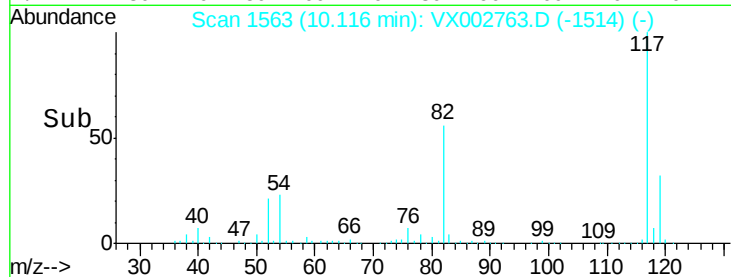
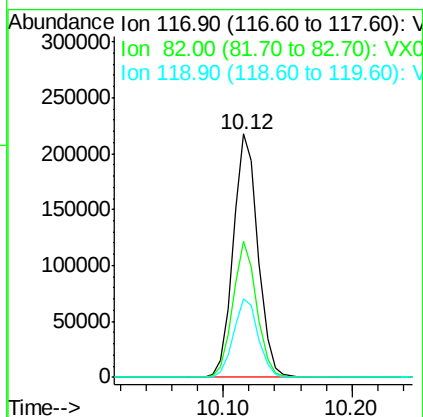
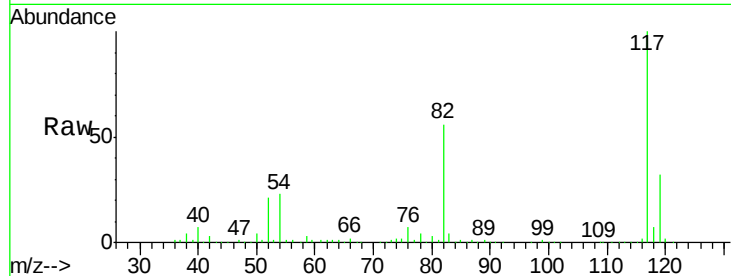




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002763.D
Acq: 21 Jun 2018 01:39

Instrument :
MSVOA_X
ClientSampleId :
PB110408ZHE#02

Tot Ion:117 Resp: 290004
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.4
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002763.D
Acq: 21 Jun 2018 01:39

Tgt Ion:152 Resp: 165891
Ion Ratio Lower Upper
152 100
115 53.9 40.1 120.2
150 155.1 0.0 347.2

