

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
 Data File : VX003136.D
 Acq On : 02 Jul 2018 19:18
 Operator : JC/MD
 Sample : PB110744ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110744ZHE#12

Quant Time: Jul 03 07:52:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209327	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	178961	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	
35) Dibromofluoromethane	5.51	113	149144	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
50) Toluene-d8	8.72	98	547229	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	11.14	95	196138	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	

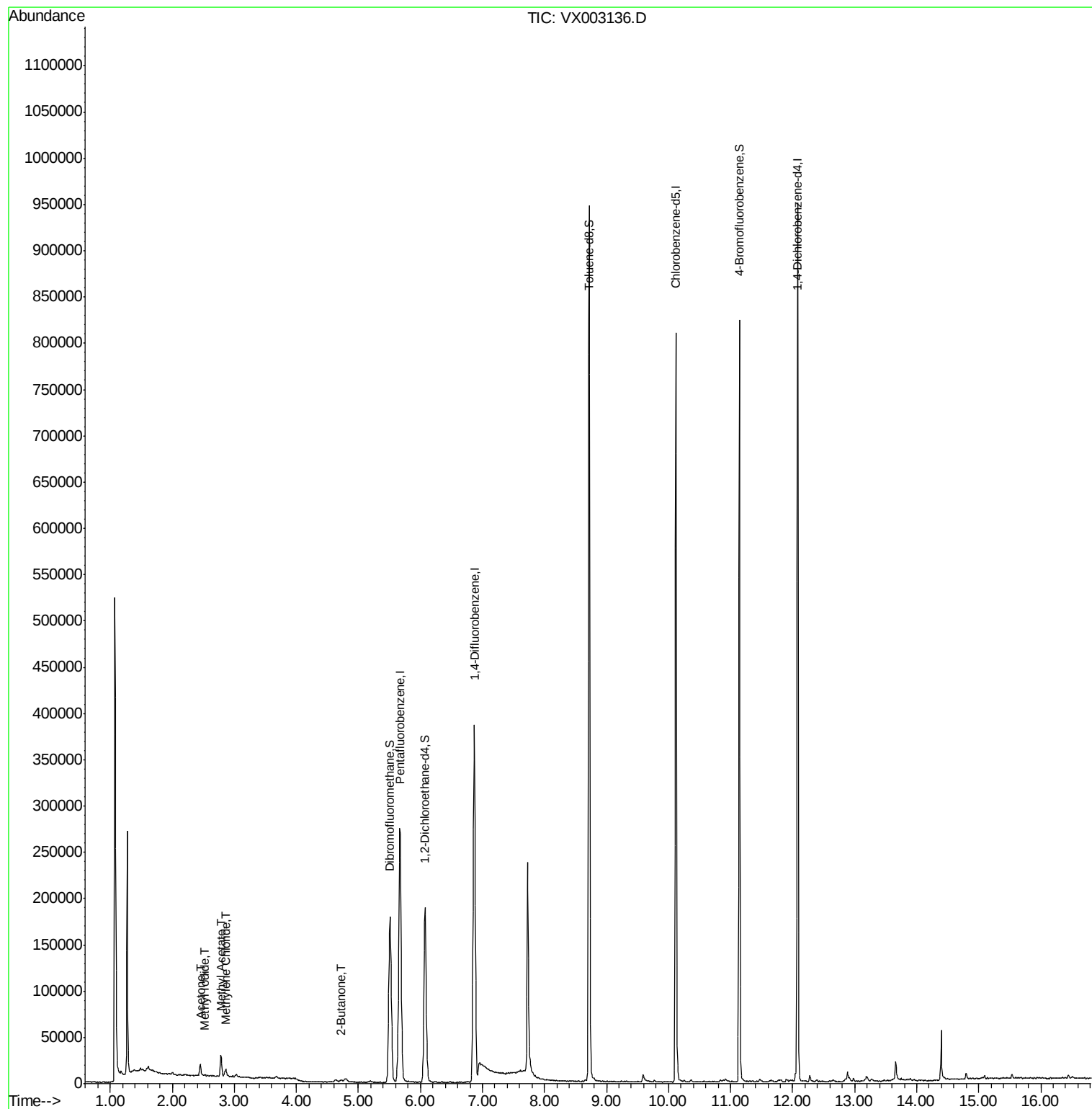
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1277	6.58	ug/l #	85
16) Acetone	2.45	43	13767	8.59	ug/l	97
18) Methyl Acetate	2.78	43	27017	6.03	ug/l	95
20) Methylene Chloride	2.85	84	3905	1.25	ug/l	91
25) 2-Butanone	4.72	43	3614	1.52	ug/l #	85

(#) = 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# 833

Delta R.T. -0.00 min

Lab File: VX003136.D

Acq: 02 Jul 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

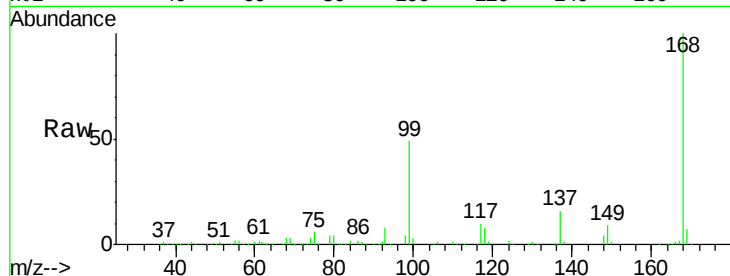
PB110744ZHE#12

Tot Ion:168 Resp: 280113

Ion Ratio Lower Upper

168 100

99 48.7 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

100000

80000

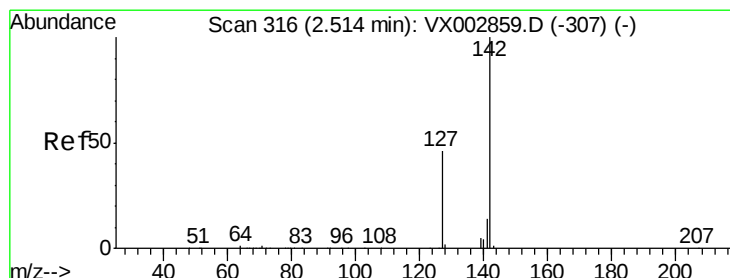
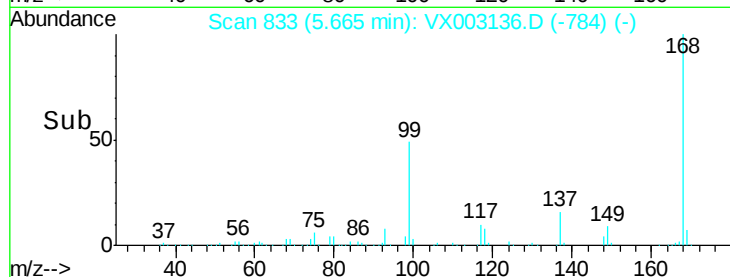
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.58 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003136.D

Acq: 02 Jul 2018 19:18

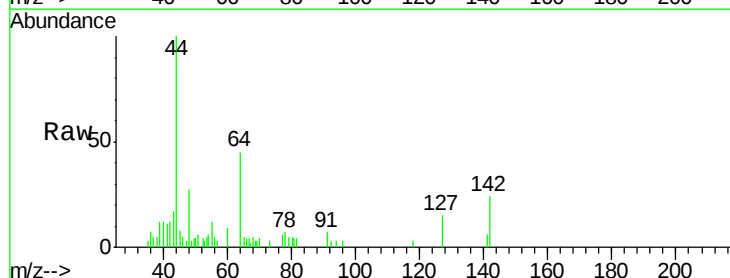
Tgt Ion:142 Resp: 1277

Ion Ratio Lower Upper

142 100

127 52.1 36.6 55.0

141 28.0 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

2.52

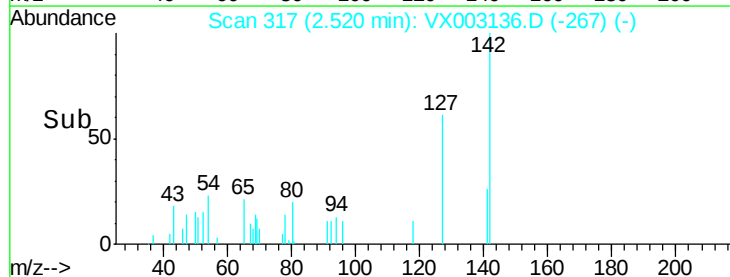
600

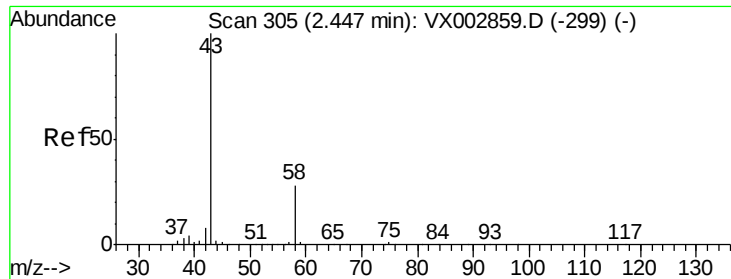
400

200

0

Time--> 2.45 2.50 2.55 2.60





#16

Acetone

Concen: 8.59 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003136.D

Acq: 02 Jul 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

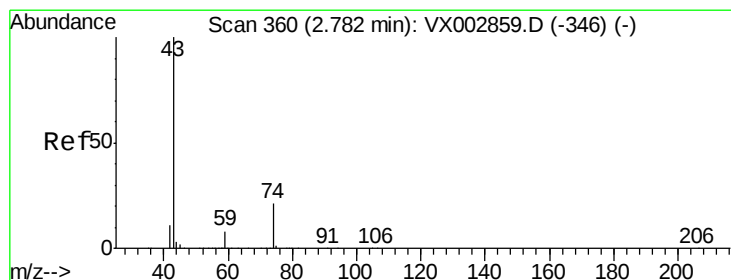
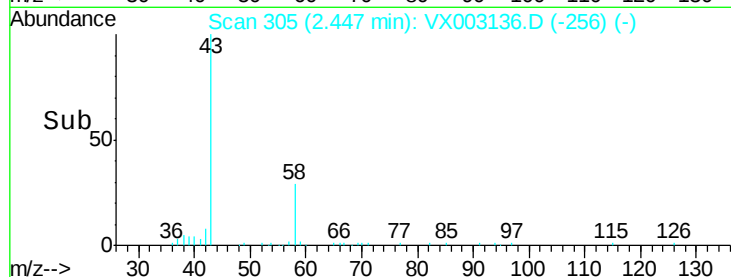
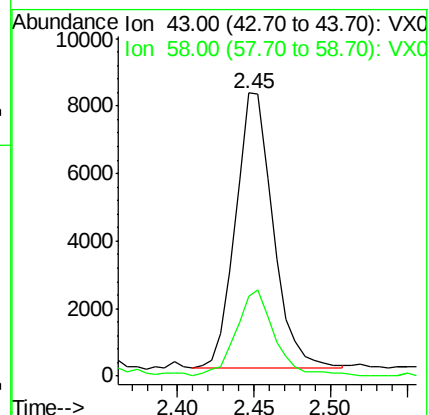
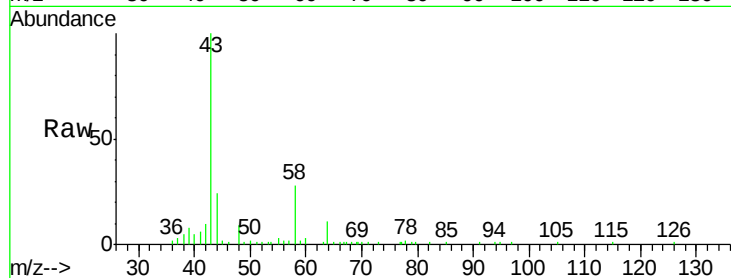
PB110744ZHE#12

Tot Ion: 43 Resp: 13767

Ion Ratio Lower Upper

43 100

58 29.1 22.1 33.1



#18

Methyl Acetate

Concen: 6.03 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003136.D

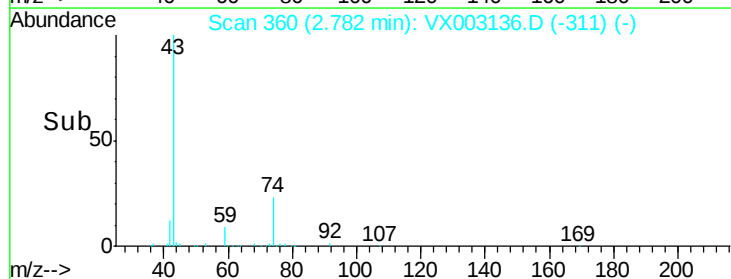
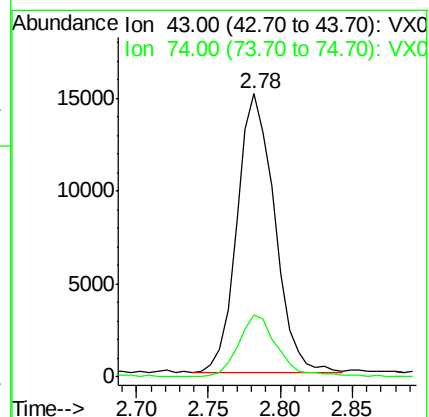
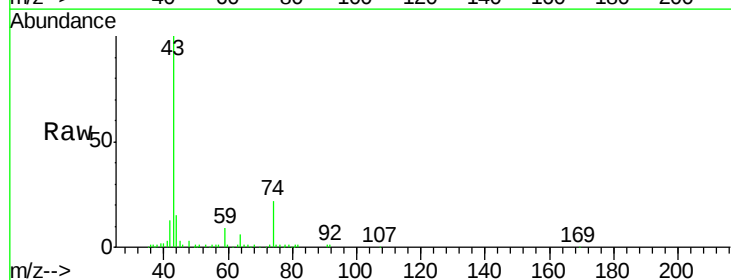
Acq: 02 Jul 2018 19:18

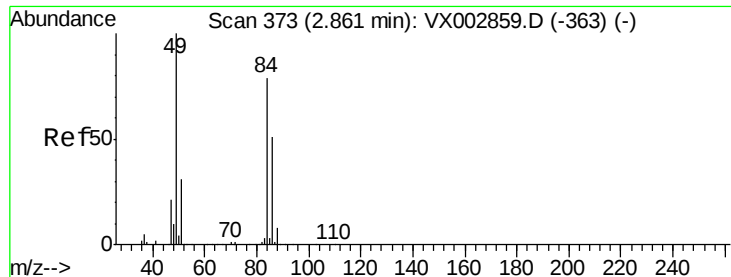
Tgt Ion: 43 Resp: 27017

Ion Ratio Lower Upper

43 100

74 23.3 16.7 25.1

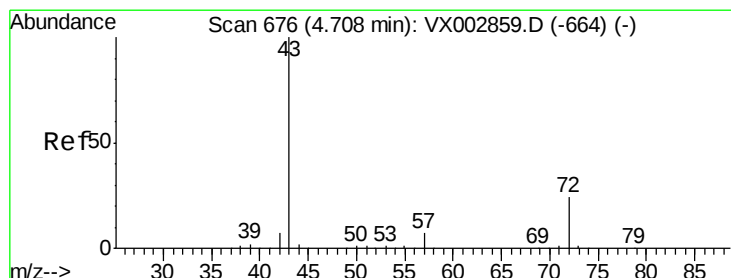
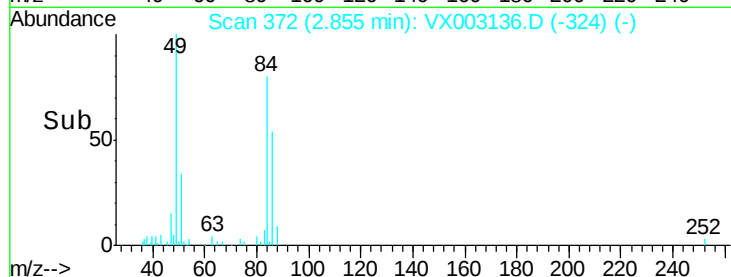
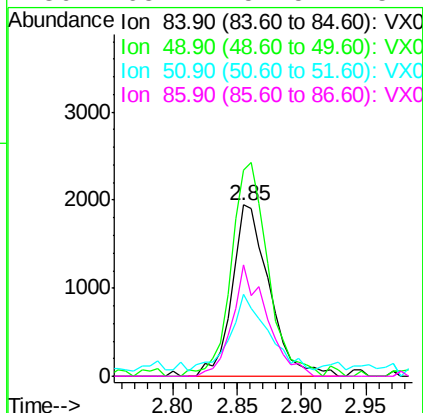
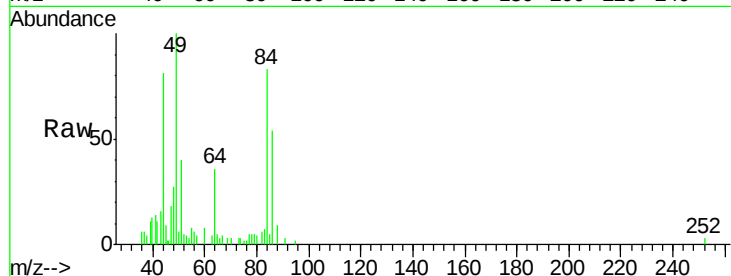




#20
Methvlene Chloride
Concen: 1.25 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003136.D
Acq: 02 Jul 2018 19:18

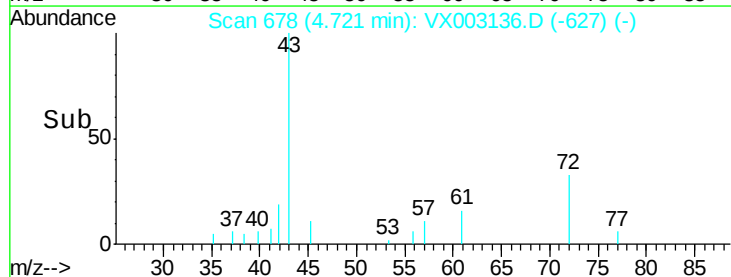
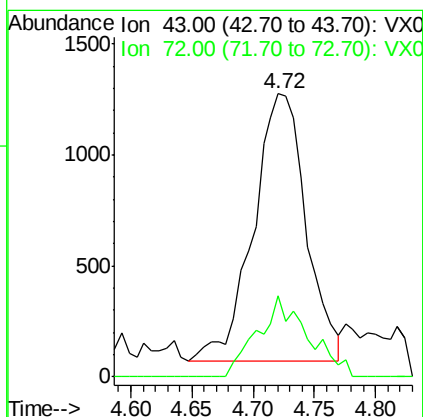
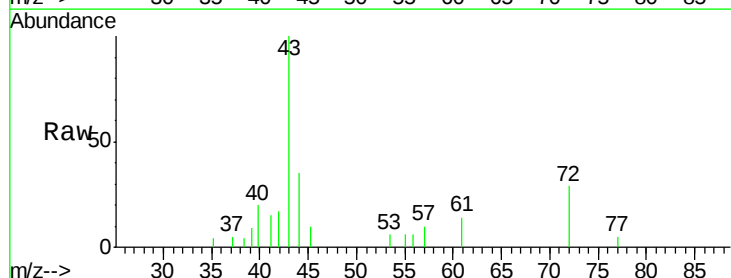
Instrument :
MSVOA_X
ClientSampleId :
PB110744ZHE#12

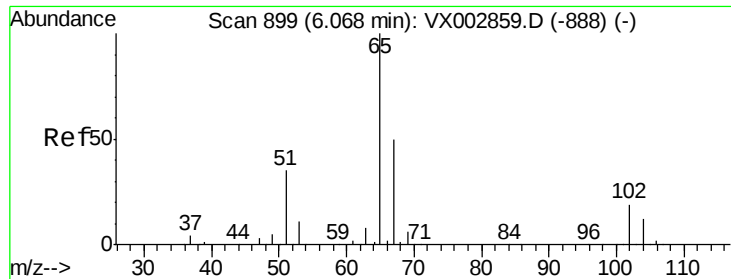
Tot Ion: 84 Resp: 3905
Ion Ratio Lower Upper
84 100
49 116.9 107.8 161.6
51 45.0 32.8 49.2
86 65.4 52.5 78.7



#25
2-Butanone
Concen: 1.52 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003136.D
Acq: 02 Jul 2018 19:18

Tgt Ion: 43 Resp: 3614
Ion Ratio Lower Upper
43 100
72 30.5 18.5 27.7#





#33

1,2-Dichloroethane-d4

Concen: 46.22 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003136.D

Acq: 02 Jul 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

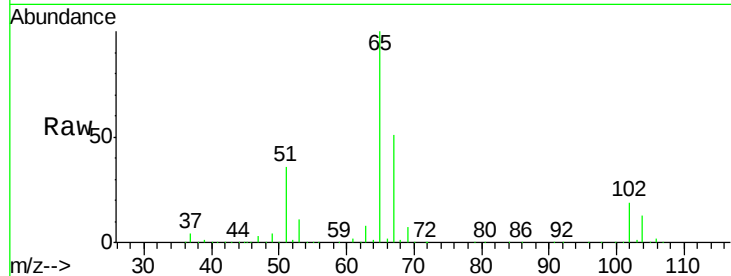
PB110744ZHE#12

Tot Ion: 65 Resp: 178961

Ion Ratio Lower Upper

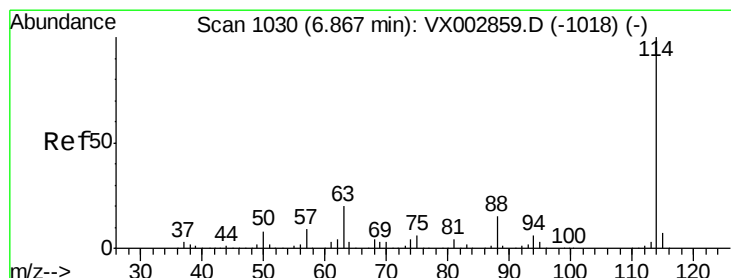
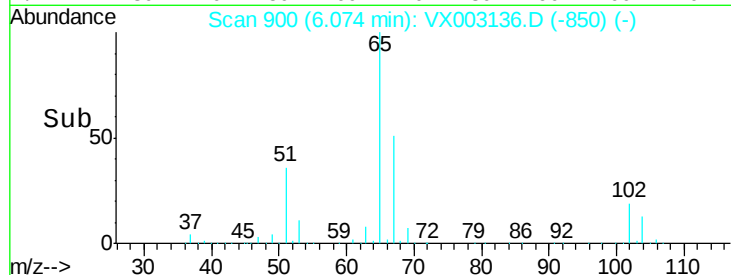
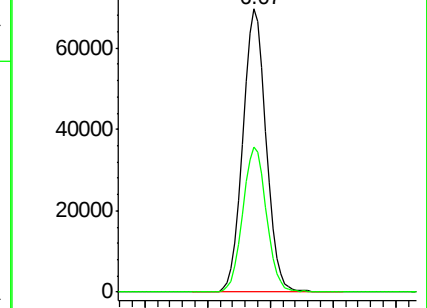
65 100

67 52.0 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: VX003136.D

Acq: 02 Jul 2018 19:18

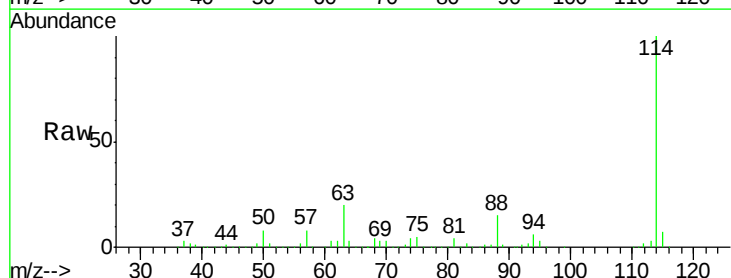
Tgt Ion: 114 Resp: 389117

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

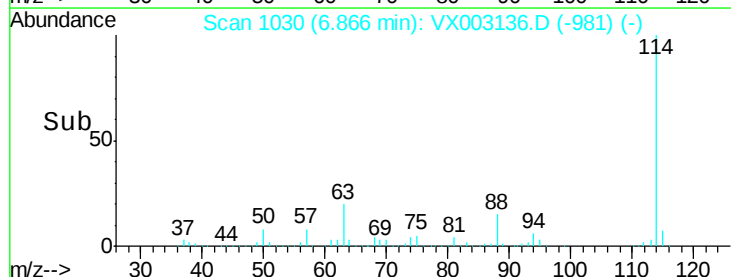
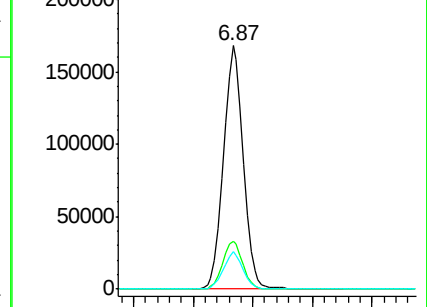
88 15.3 0.0 30.0

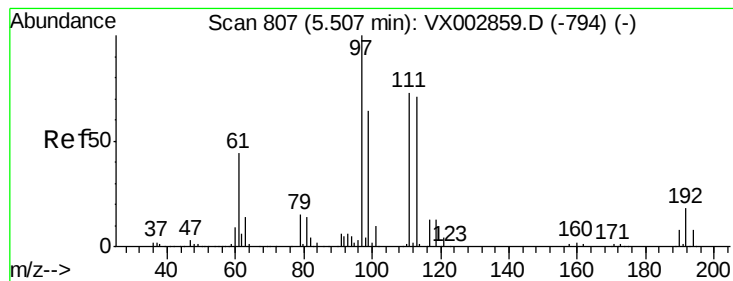


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.40 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003136.D

Acq: 02 Jul 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

PB110744ZHE#12

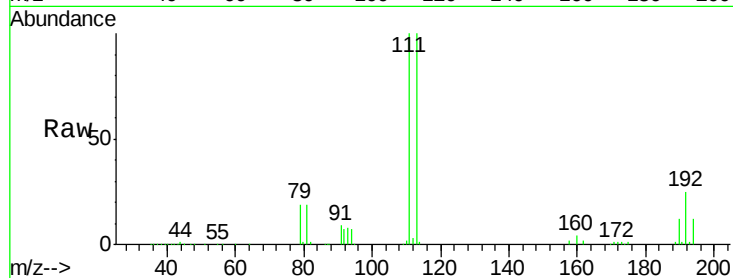
Tot Ion:113 Resp: 149144

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

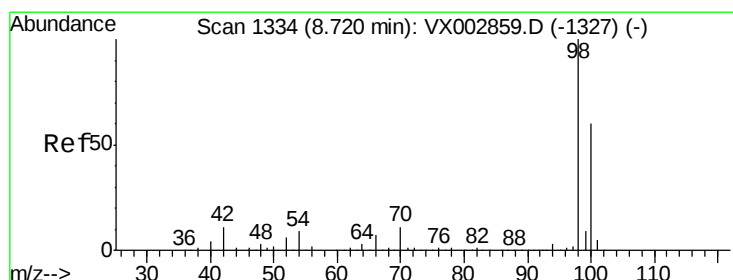
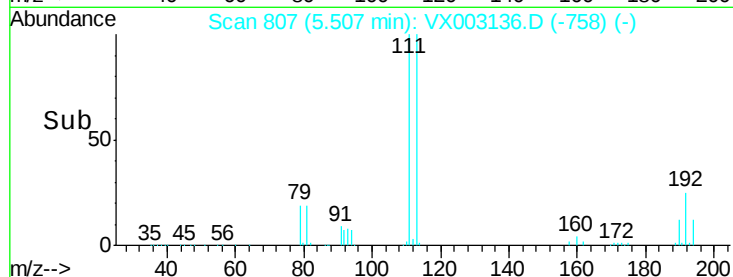
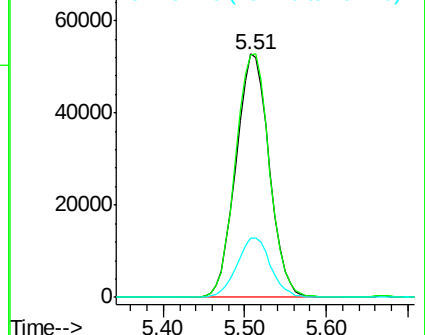
192 24.8 19.1 28.7



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: 48.63 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003136.D

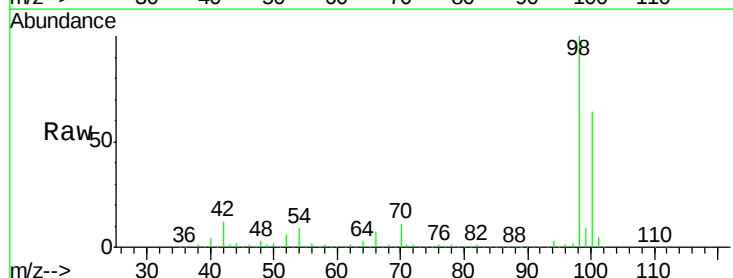
Acq: 02 Jul 2018 19:18

Tgt Ion: 98 Resp: 547229

Ion Ratio Lower Upper

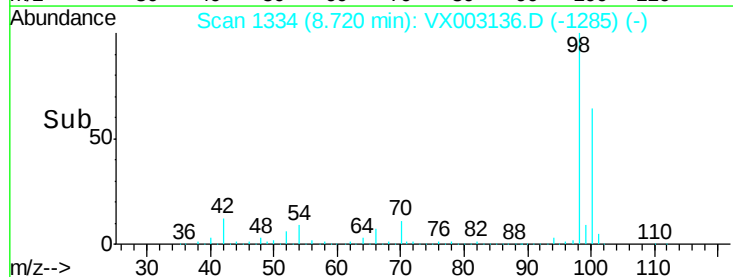
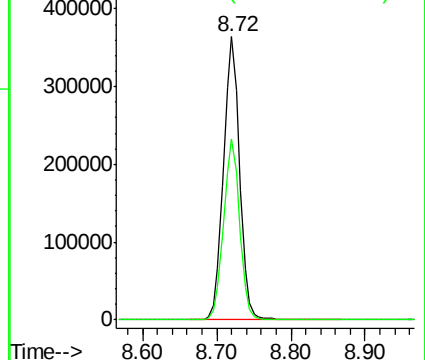
98 100

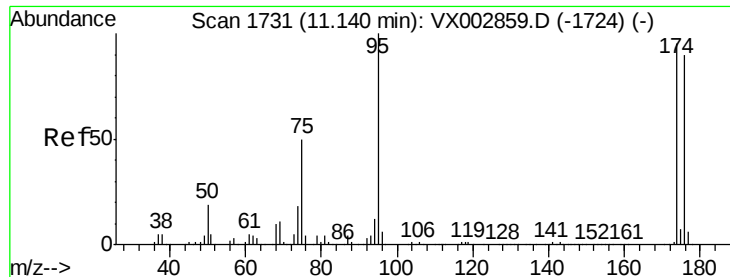
100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.20 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003136.D

Acq: 02 Jul 2018 19:18

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PB110744ZHE#12

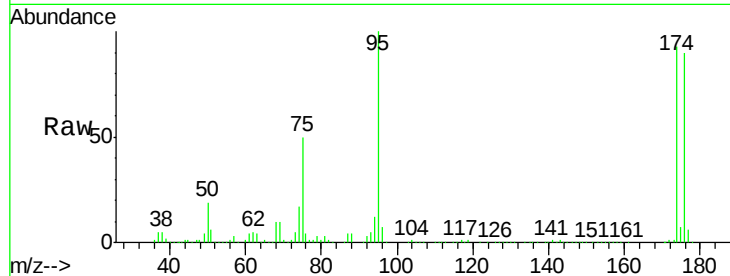
Tot Ion: 95 Resp: 196138

Ion Ratio Lower Upper

95 100

174 98.3 0.0 187.4

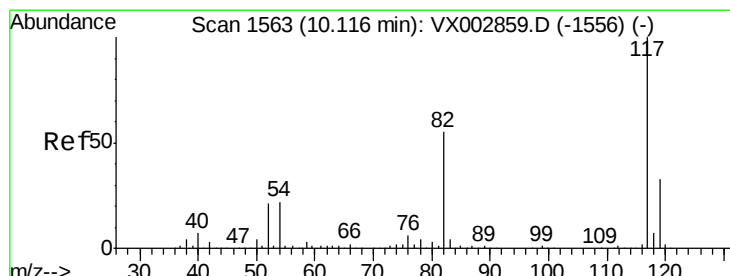
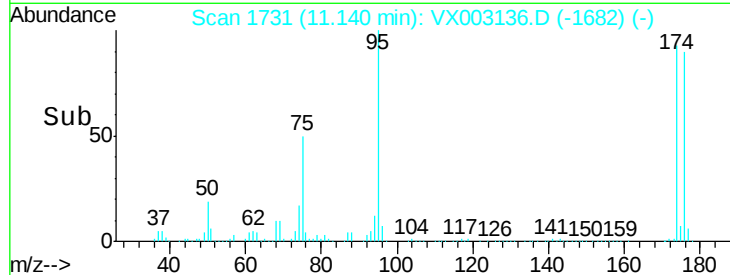
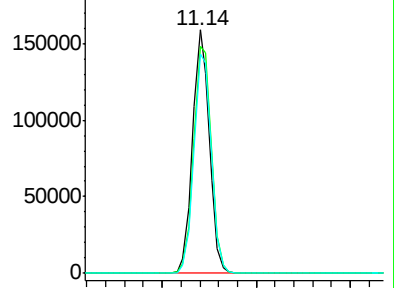
176 93.6 0.0 181.0



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003136.D

Acq: 02 Jul 2018 19:18

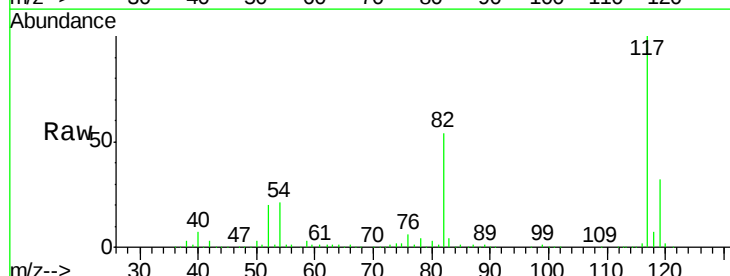
Tgt Ion: 117 Resp: 361350

Ion Ratio Lower Upper

117 100

82 53.9 45.0 67.4

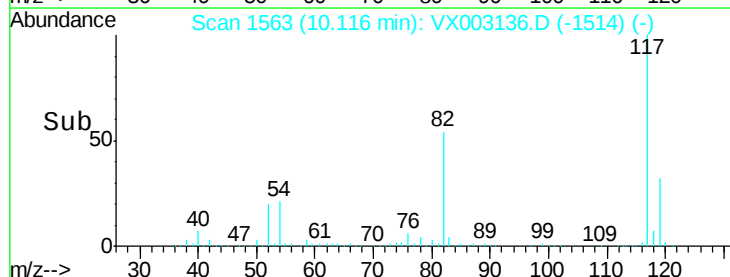
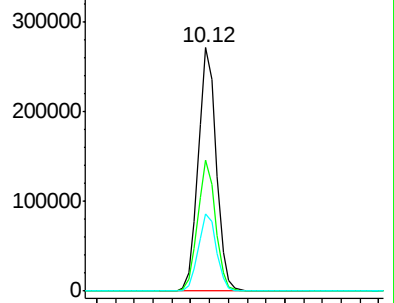
119 31.9 25.8 38.6

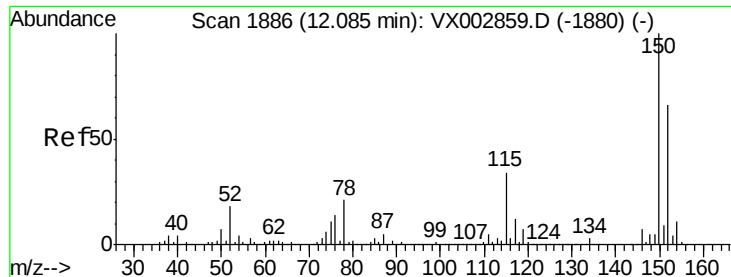


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX003136.D

Acq: 02 Jul 2018 19:18

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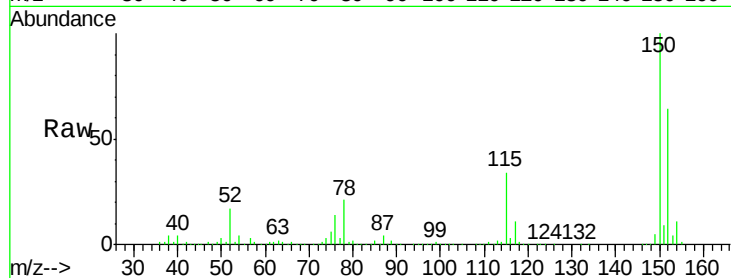
Tot Ion:152 Resp: 209327

Ion Ratio Lower Upper

152 100

115 54.1 40.1 120.2

150 155.9 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

