

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002817.D
 Acq On : 22 Jun 2018 04:53
 Operator : JC/MD
 Sample : PB110441ZHE#20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110441ZHE#20

Quant Time: Jun 22 05:57:57 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	234272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	174431	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	161673	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
35) Dibromofluoromethane	5.51	113	126793	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
50) Toluene-d8	8.72	98	472930	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.14	95	166550	44.10	ug/l	0.00
Spiked Amount			Recovery	=	88.20%	

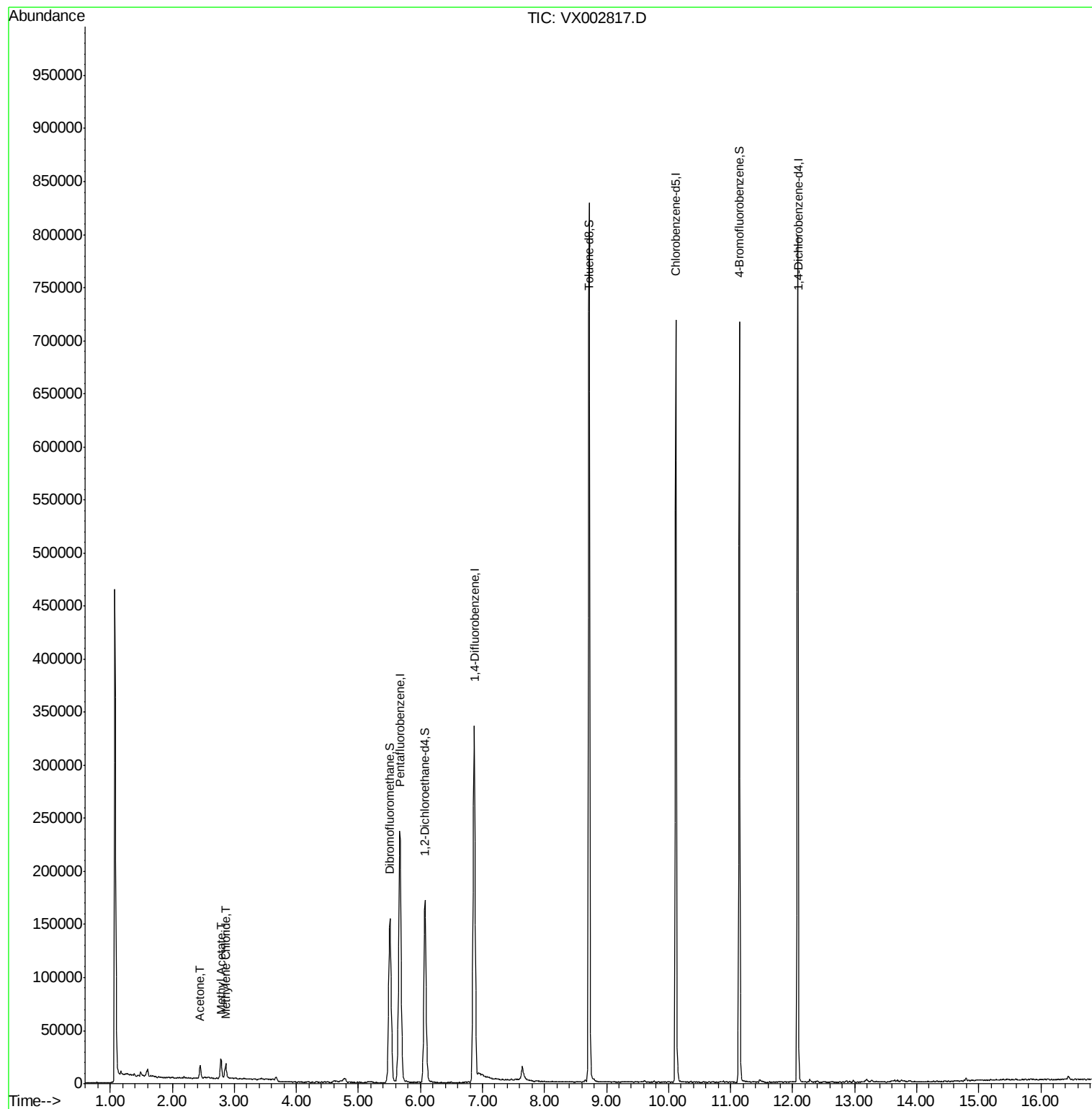
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	13399	8.53	ug/l	97
18) Methyl Acetate	2.78	43	23098	5.52	ug/l	99
20) Methylene Chloride	2.86	84	6586	2.05	ug/l	89

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

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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# 833

Delta R.T. -0.01 min

Lab File: VX002817.D

Acq: 22 Jun 2018 04:53

Instrument :

MSVOA_X

ClientSampleId :

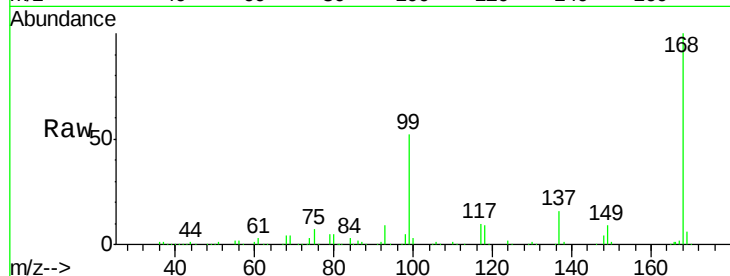
PB110441ZHE#20

Tot Ion:168 Resp: 234272

Ion Ratio Lower Upper

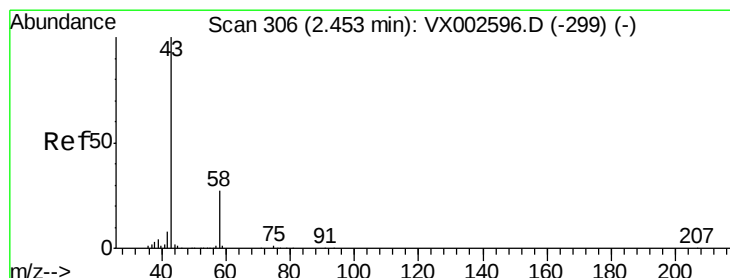
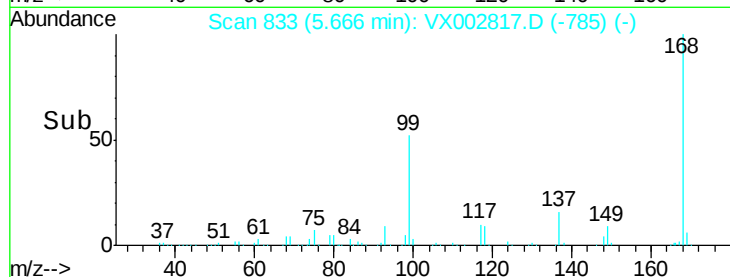
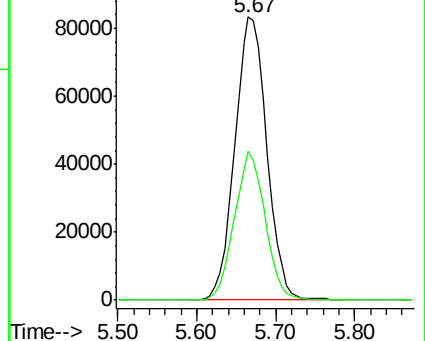
168 100

99 52.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.53 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002817.D

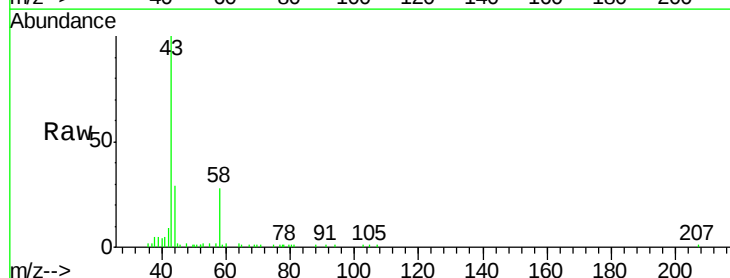
Acq: 22 Jun 2018 04:53

Tgt Ion: 43 Resp: 13399

Ion Ratio Lower Upper

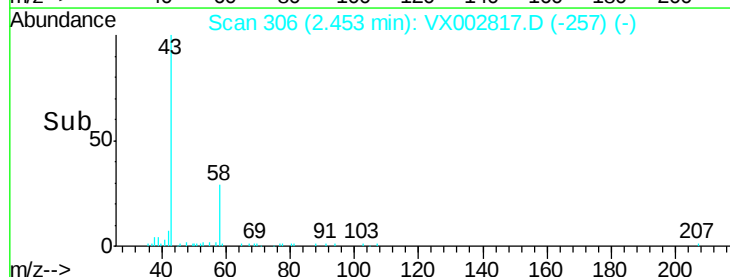
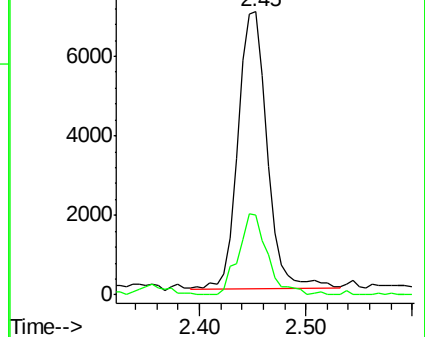
43 100

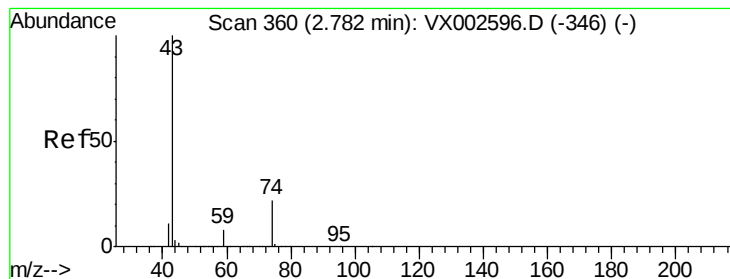
58 29.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 5.52 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002817.D

Acq: 22 Jun 2018 04:53

Instrument :

MSVOA_X

ClientSampleId :

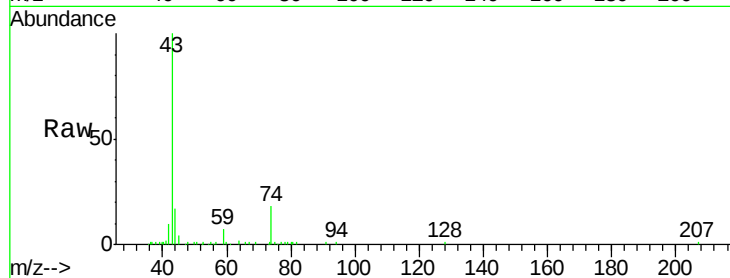
PB110441ZHE#20

Tot Ion: 43 Resp: 23098

Ion Ratio Lower Upper

43 100

74 20.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

15000

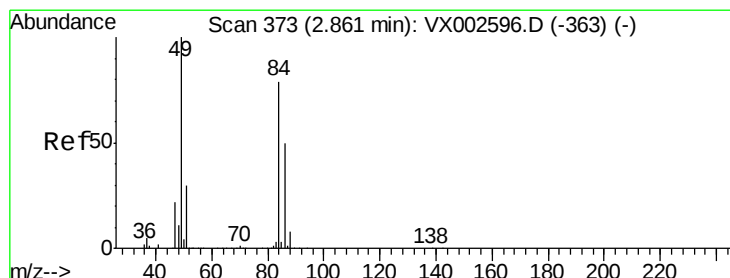
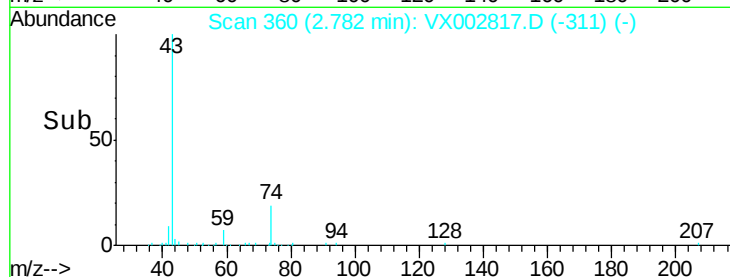
10000

5000

0

2.70 2.75 2.80 2.85

Time-->



#20

Methylene Chloride

Concen: 2.05 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002817.D

Acq: 22 Jun 2018 04:53

Tgt Ion: 84 Resp: 6586

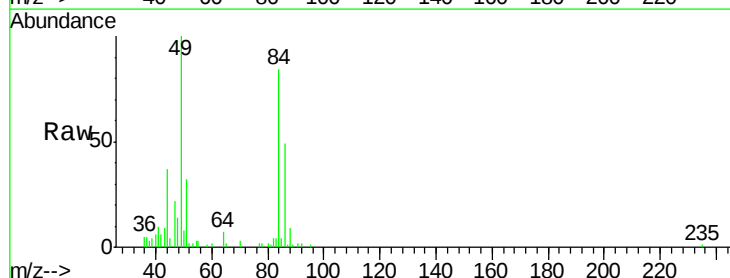
Ion Ratio Lower Upper

84 100

49 118.9 107.8 161.6

51 36.1 32.8 49.2

86 58.8 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

6000

5000

4000

3000

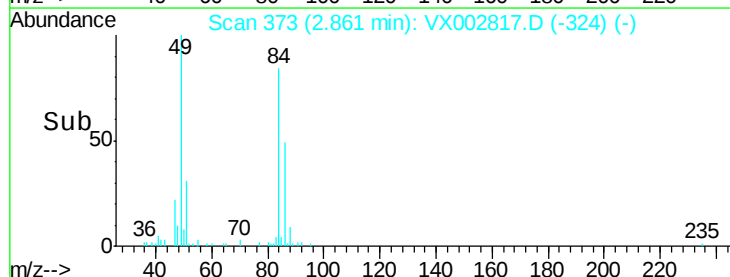
2000

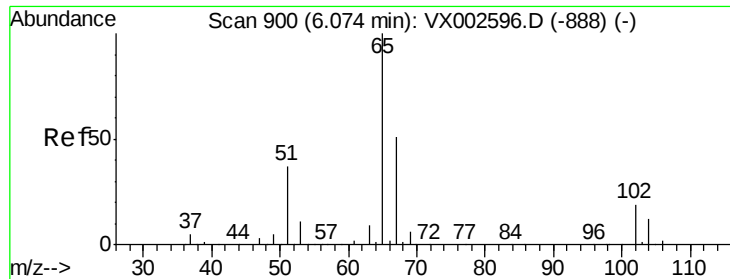
1000

0

2.80 2.85 2.90 2.95

Time-->

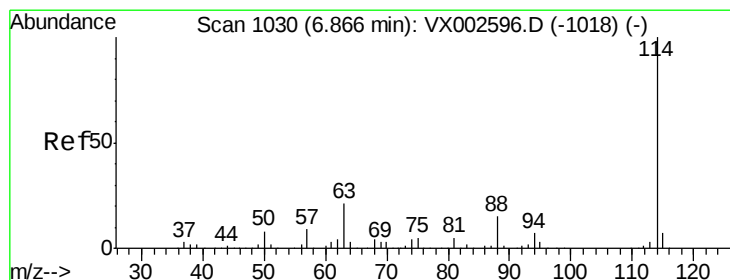
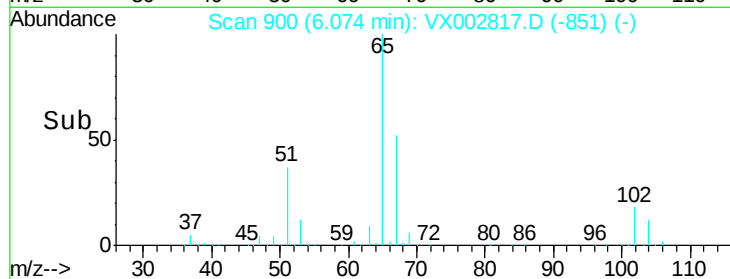
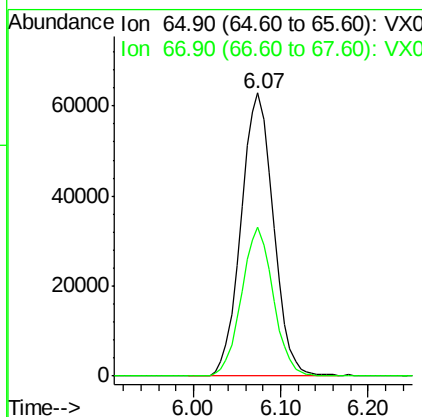
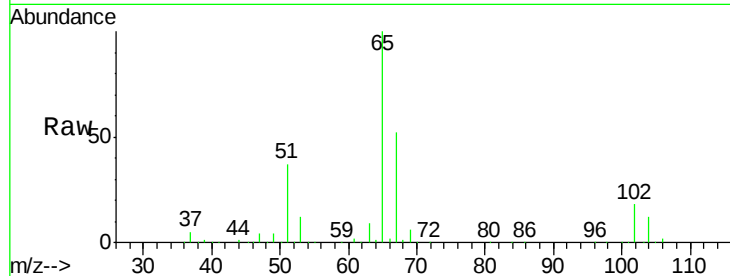




#33
 1,2-Dichloroethane-d4
 Concen: 45.41 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002817.D
 Acq: 22 Jun 2018 04:53

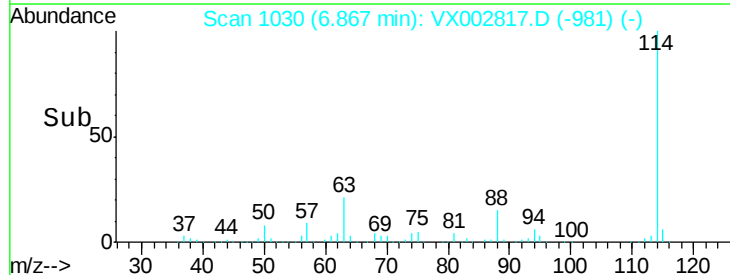
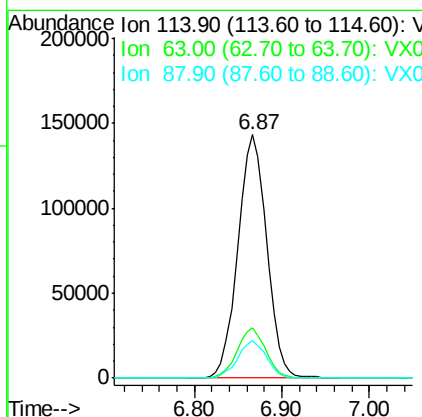
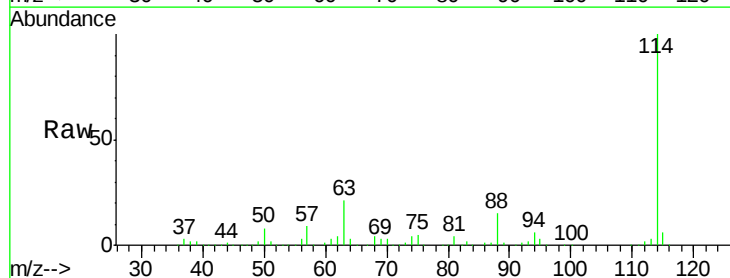
Instrument :
 MSVOA_X
 ClientSampleId :
 PB110441ZHE#20

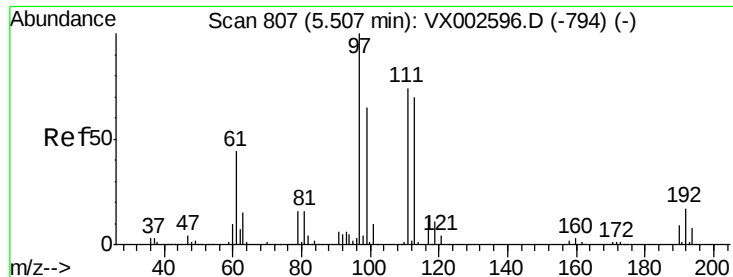
Tot Ion: 65 Resp: 161673
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002817.D
 Acq: 22 Jun 2018 04:53

Tgt Ion: 114 Resp: 328885
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.31 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002817.D

Acq: 22 Jun 2018 04:53

Instrument :

MSVOA_X

ClientSampleId :

PB110441ZHE#20

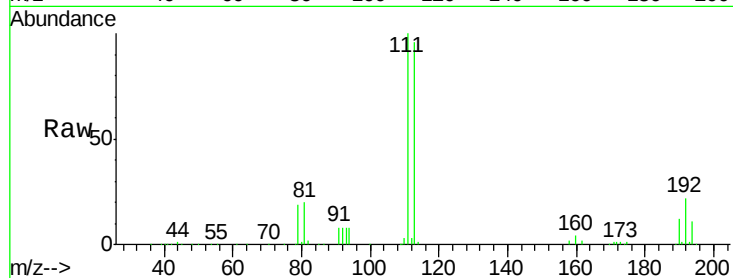
Tot Ion:113 Resp: 126793

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

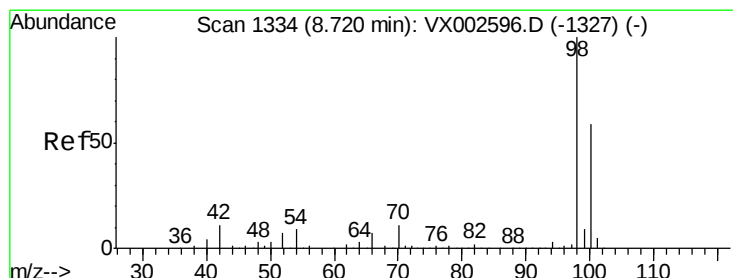
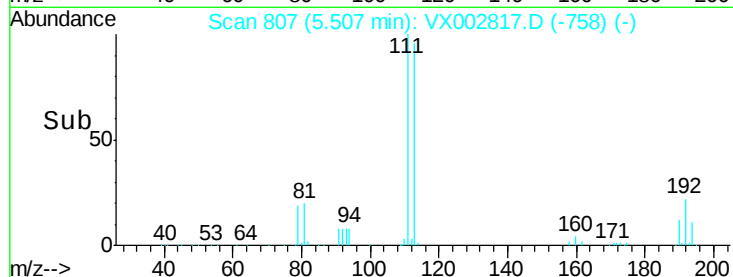
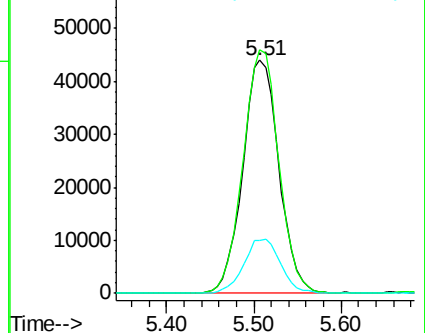
192 23.6 19.1 28.7



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: 47.45 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002817.D

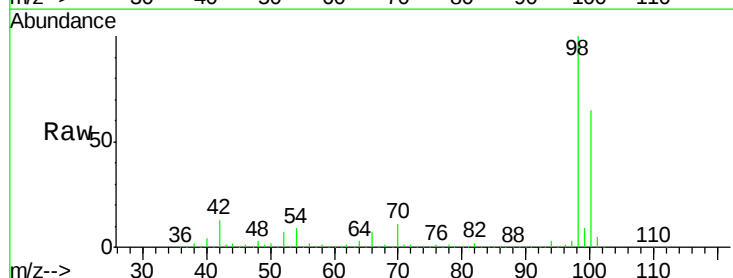
Acq: 22 Jun 2018 04:53

Tgt Ion: 98 Resp: 472930

Ion Ratio Lower Upper

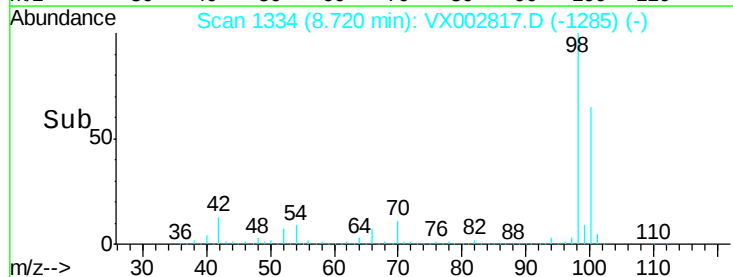
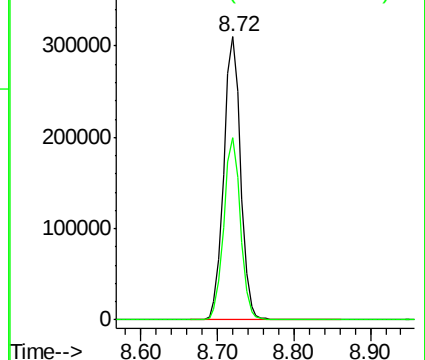
98 100

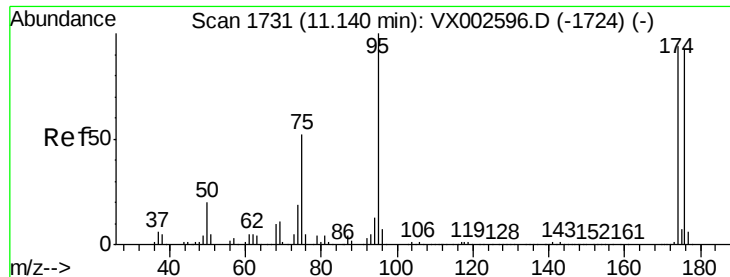
100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

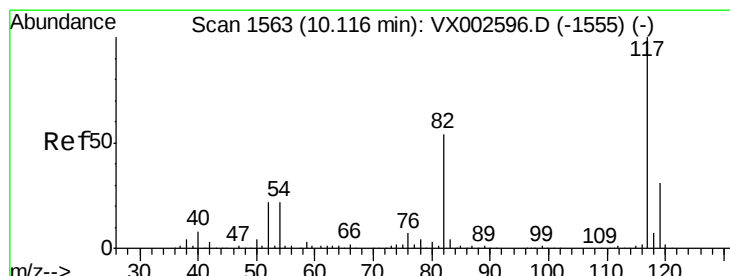
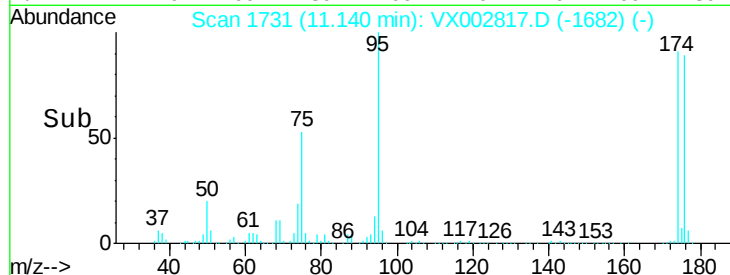
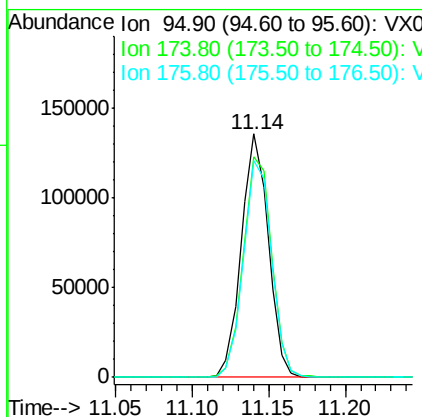
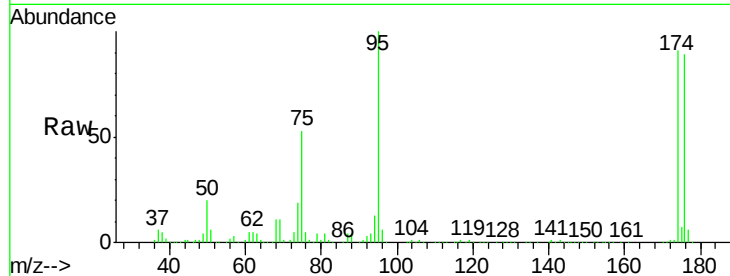




#62
4-Bromofluorobenzene
Concen: 44.10 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002817.D
Acq: 22 Jun 2018 04:53

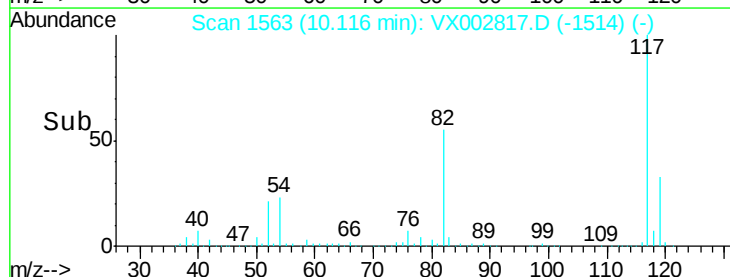
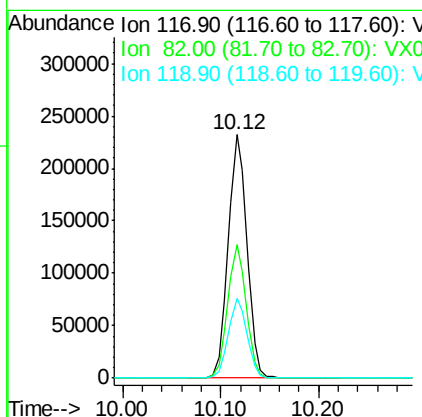
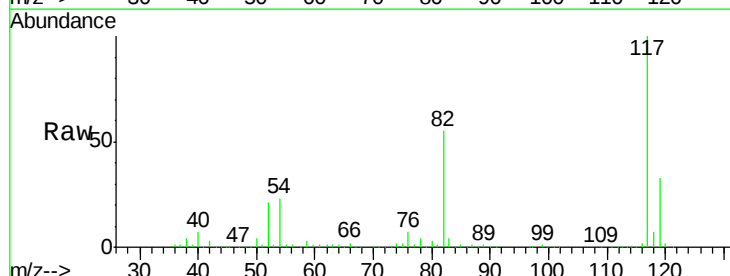
Instrument :
MSVOA_X
ClientSampleId :
PB110441ZHE#20

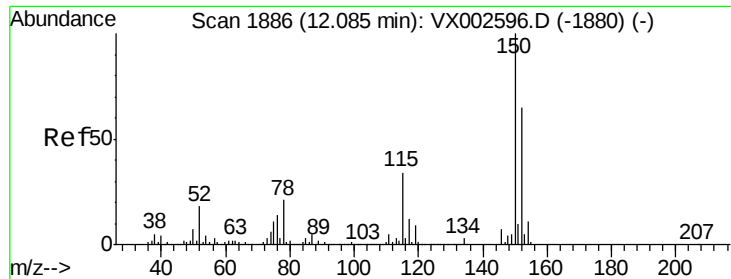
Tot Ion: 95 Resp: 166550
Ion Ratio Lower Upper
95 100
174 95.8 0.0 187.4
176 92.7 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002817.D
Acq: 22 Jun 2018 04:53

Tgt Ion: 117 Resp: 309789
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 32.9 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: VX002817.D

Acq: 22 Jun 2018 04:53

Instrument :

MSVOA_X

ClientSampleId :

PB110441ZHE#20

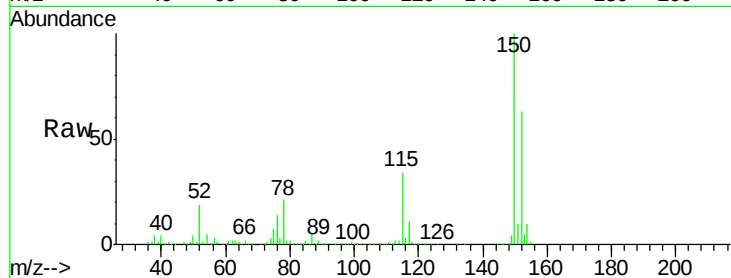
Tot Ion:152 Resp: 174431

Ion Ratio Lower Upper

152 100

115 54.9 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

