

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002562.D
 Acq On : 14 Jun 2018 19:52
 Operator : JC/MD
 Sample : PB110227ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110227ZHE#06

Quant Time: Jun 15 03:04:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

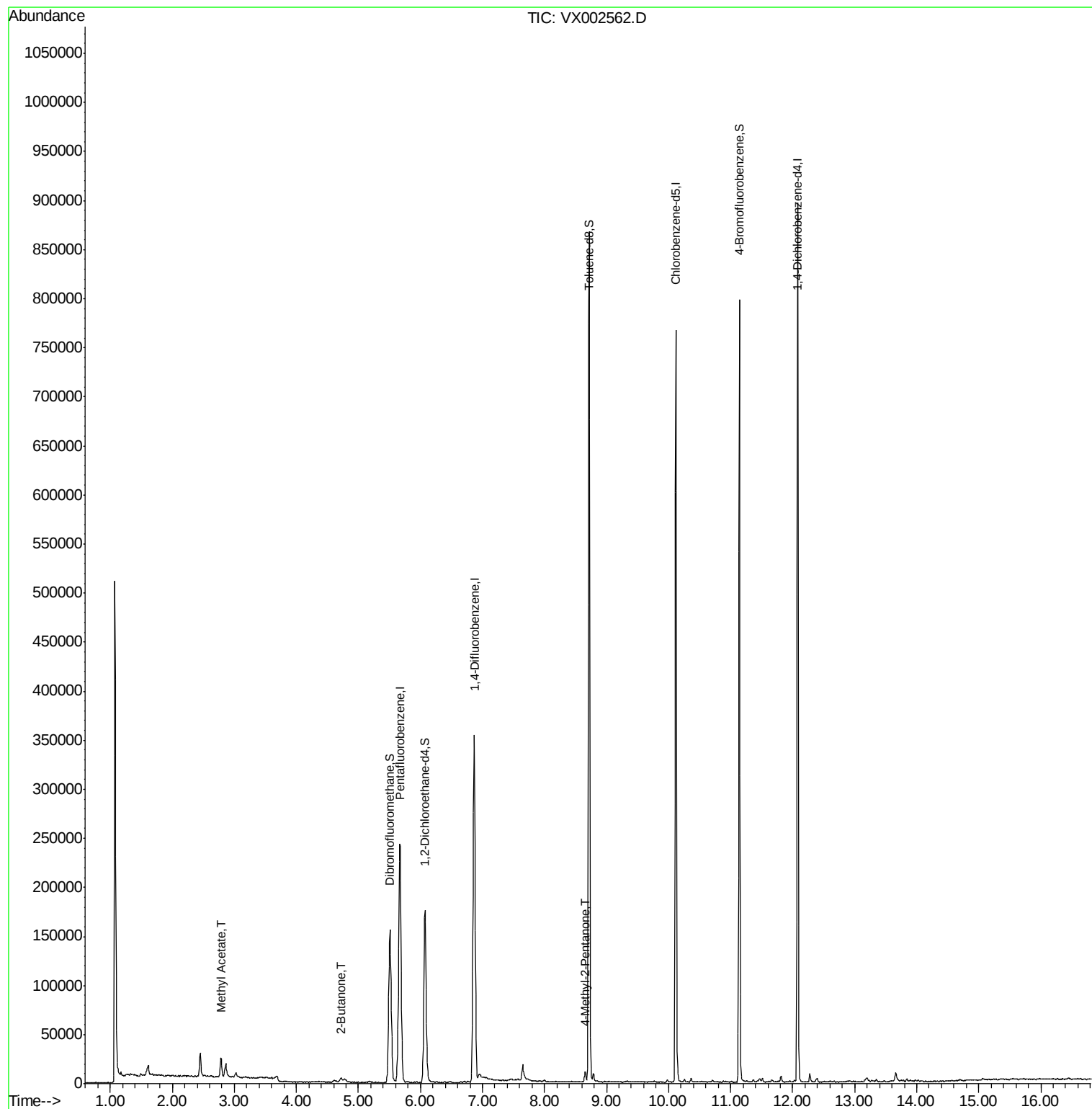
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349354	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	324882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	189989	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165903	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
35) Dibromofluoromethane	5.51	113	124742	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
50) Toluene-d8	8.72	98	499020	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	11.14	95	179262	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
Target Compounds						
18) Methyl Acetate	2.78	43	23547	4.387	ug/l	96
25) 2-Butanone	4.72	43	8754	3.720	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	6407	1.371	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002562.D

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MSVOA_X

ClientSampleId :

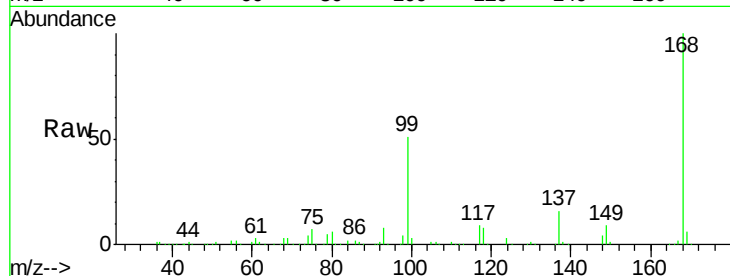
PB110227ZHE#06

Tot Ion:168 Resp: 239994

Ion Ratio Lower Upper

168 100

99 50.4 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

80000

60000

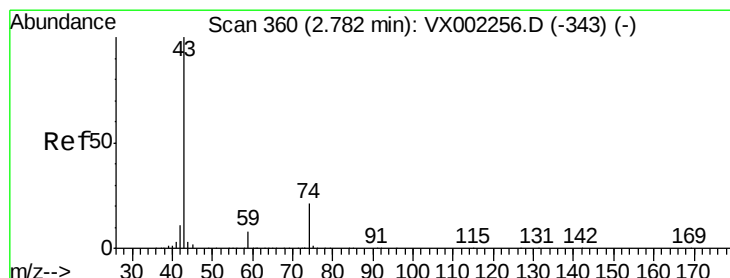
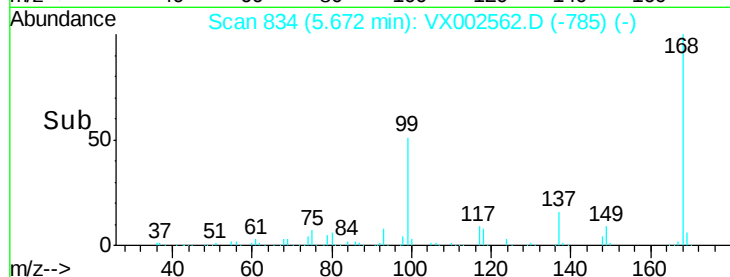
40000

20000

0

Time-->

5.60 5.70 5.80



#18

Methyl Acetate

Concen: 4.387 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002562.D

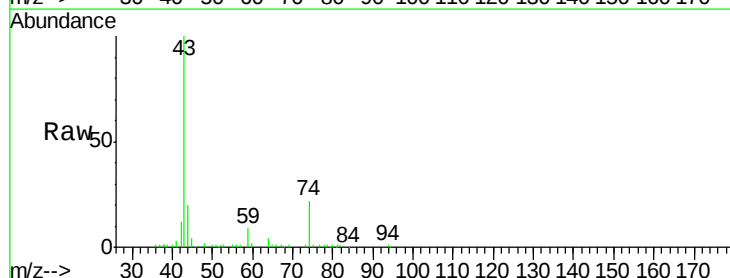
Acq: 14 Jun 2018 19:52

Tgt Ion: 43 Resp: 23547

Ion Ratio Lower Upper

43 100

74 22.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

15000

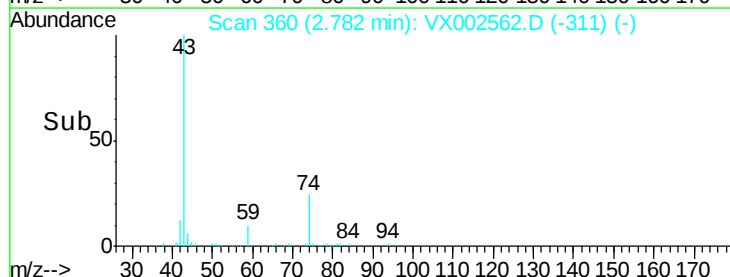
10000

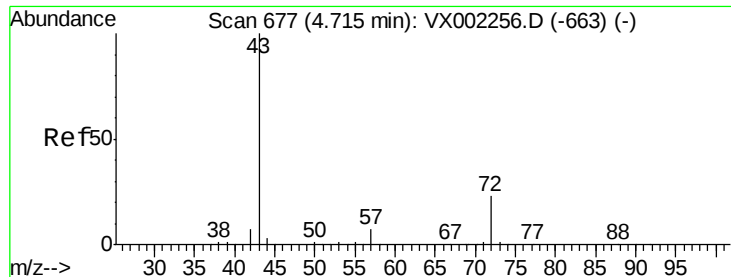
5000

0

Time-->

2.70 2.75 2.80 2.85





#25

2-Butanone

Concen: 3.720 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002562.D

Acq: 14 Jun 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

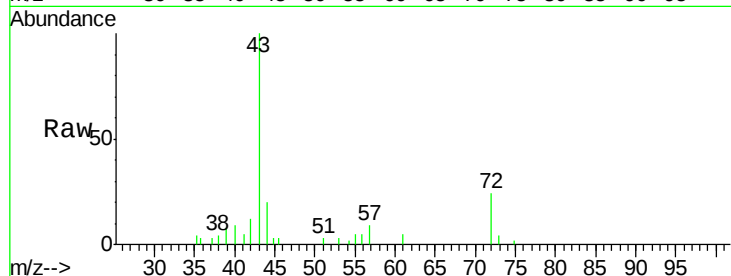
PB110227ZHE#06

Tot Ion: 43 Resp: 8754

Ion Ratio Lower Upper

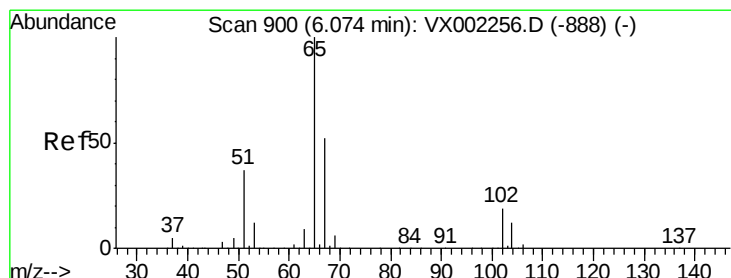
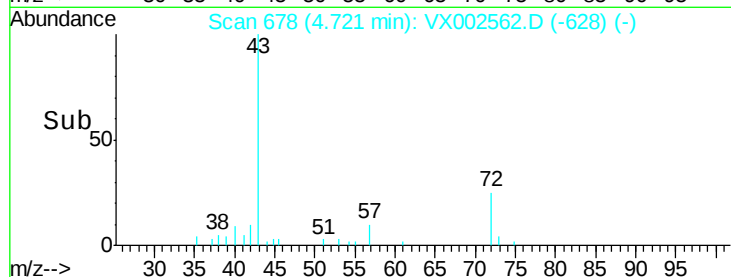
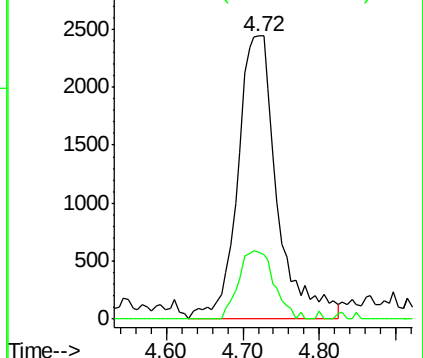
43 100

72 23.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.218 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002562.D

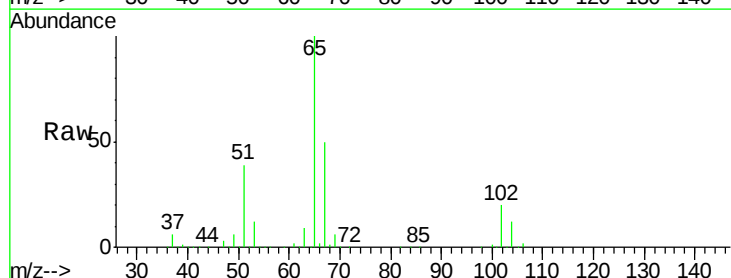
Acq: 14 Jun 2018 19:52

Tgt Ion: 65 Resp: 165903

Ion Ratio Lower Upper

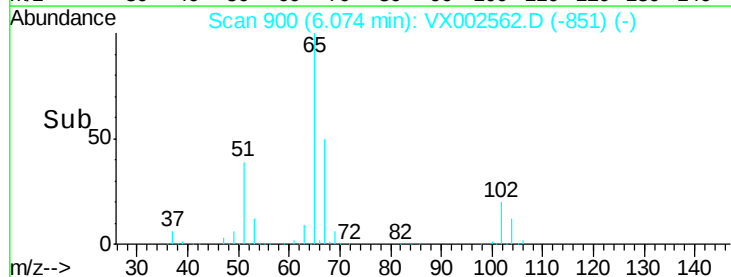
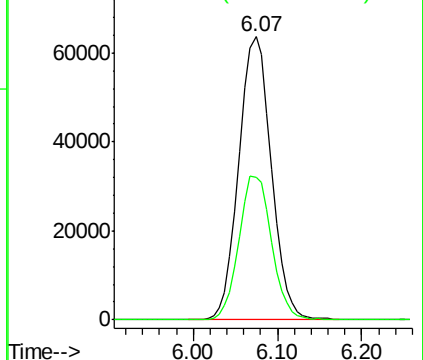
65 100

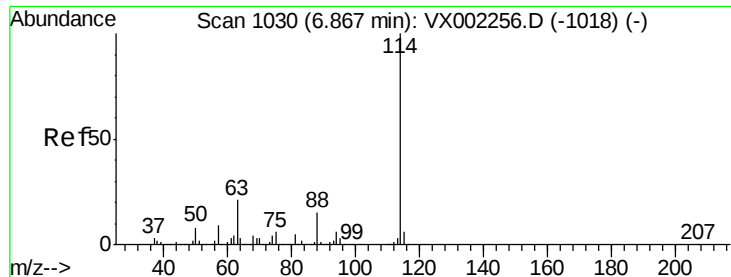
67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002562.D

Acq: 14 Jun 2018 19:52

Instrument :

MSVOA_X

ClientSampleId :

PB110227ZHE#06

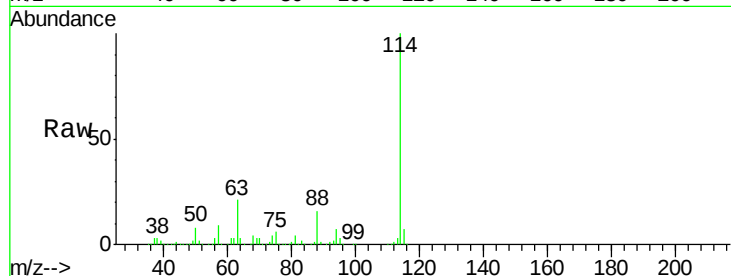
Tot Ion:114 Resp: 349354

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

88 15.9 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

200000

150000

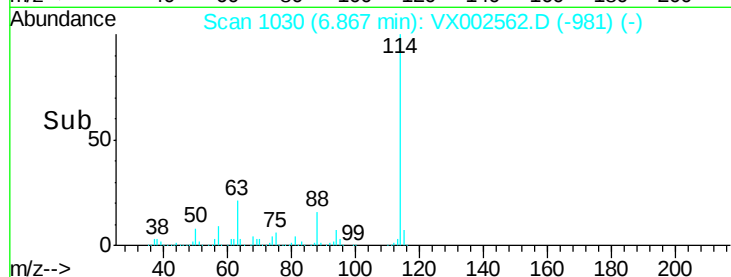
100000

50000

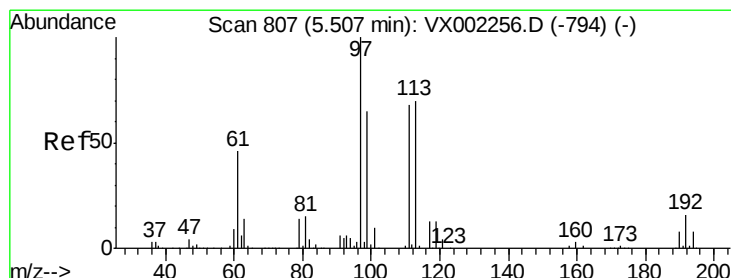
0

6.87

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 45.405 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002562.D

Acq: 14 Jun 2018 19:52

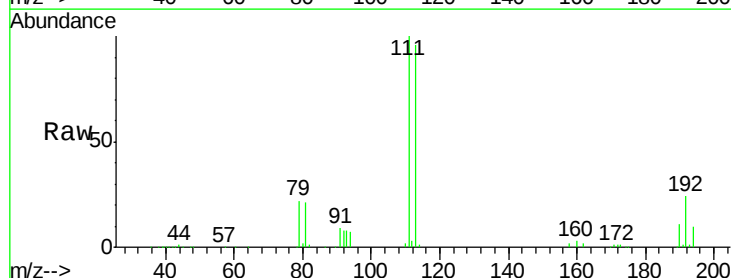
Tgt Ion:113 Resp: 124742

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 23.4 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

60000

50000

40000

30000

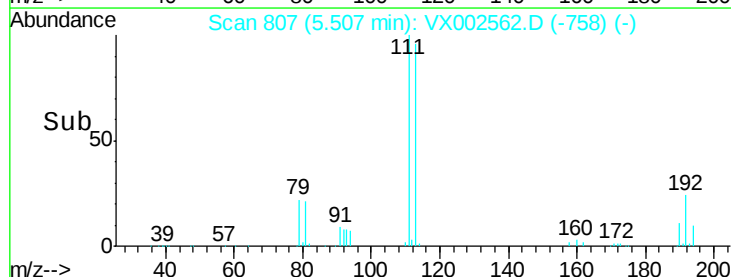
20000

10000

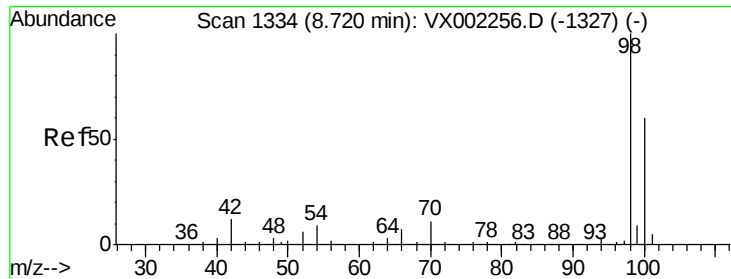
0

5.51

5.40 5.50 5.60



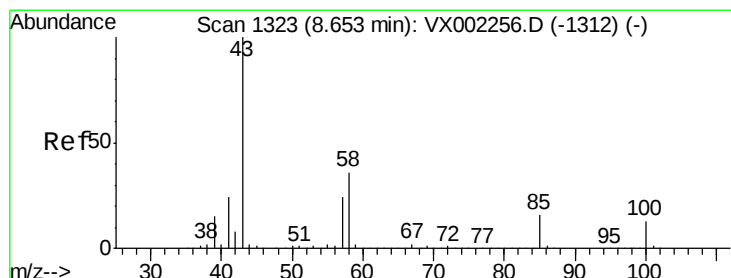
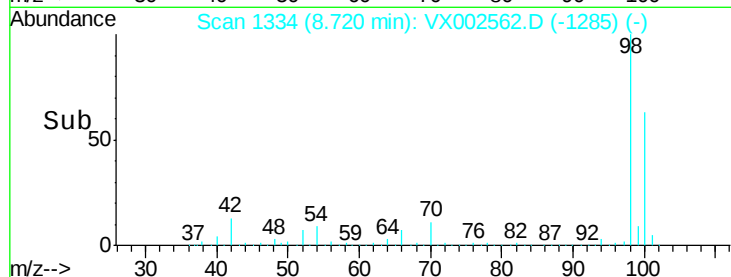
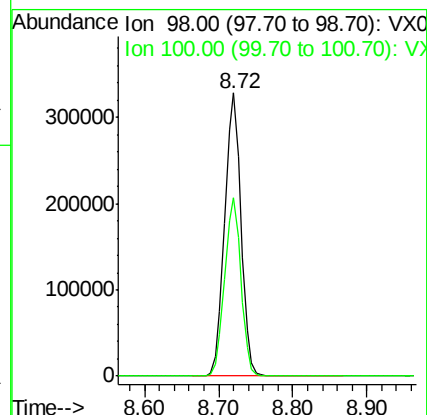
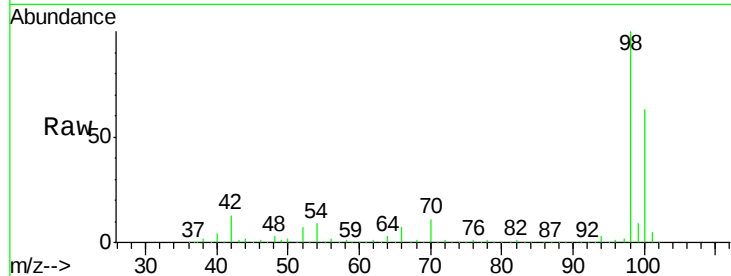
Time-->



#50
Toluene-d8
Concen: 47.388 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002562.D
Acq: 14 Jun 2018 19:52

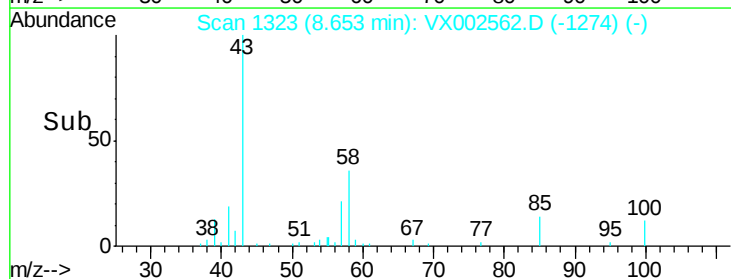
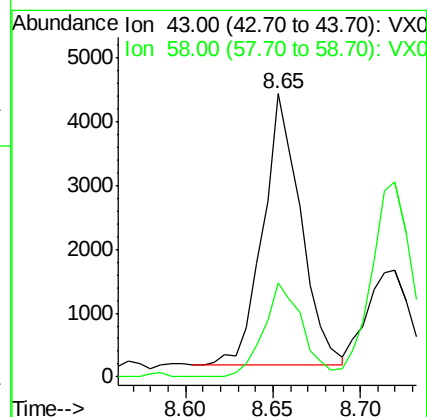
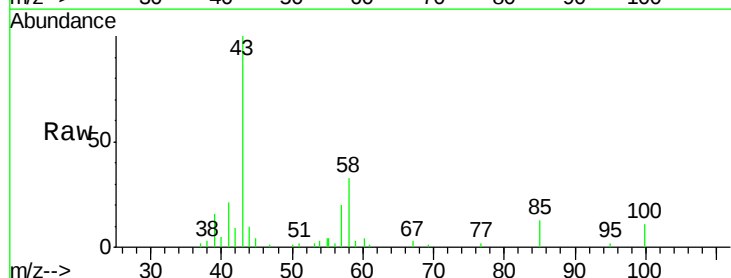
Instrument :
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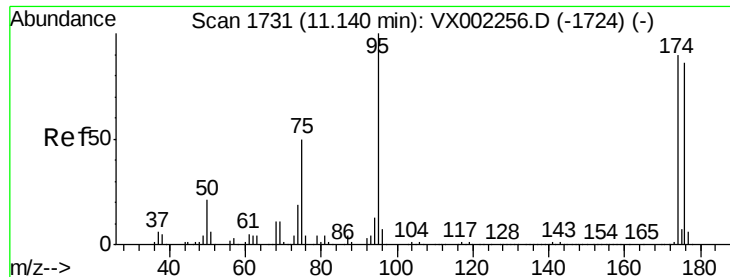
Tot Ion: 98 Resp: 499020
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.371 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002562.D
Acq: 14 Jun 2018 19:52

Tgt Ion: 43 Resp: 6407
Ion Ratio Lower Upper
43 100
58 34.9 28.6 42.8

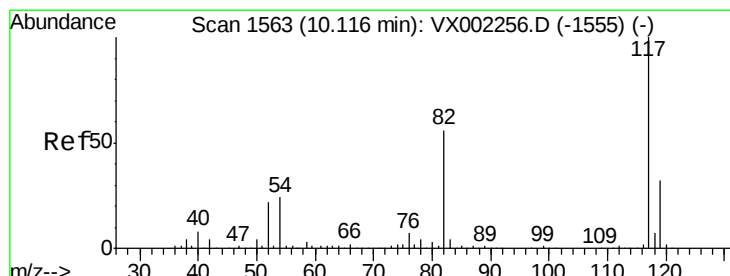
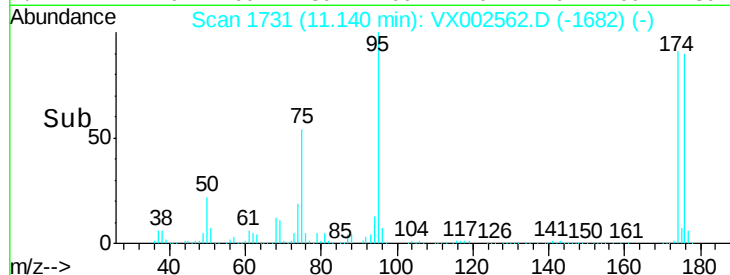
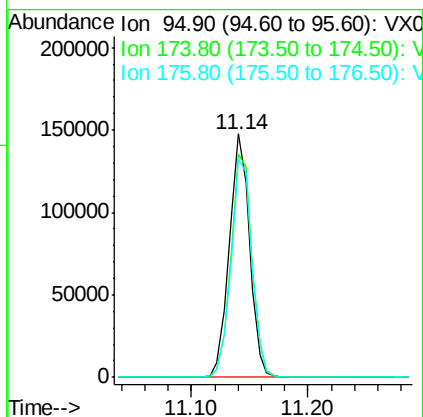
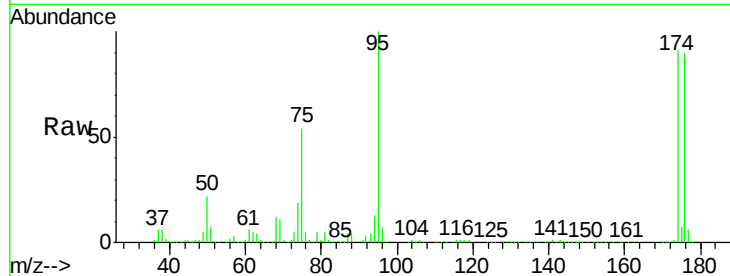




#62
4-Bromofluorobenzene
Concen: 44.146 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002562.D
Acq: 14 Jun 2018 19:52

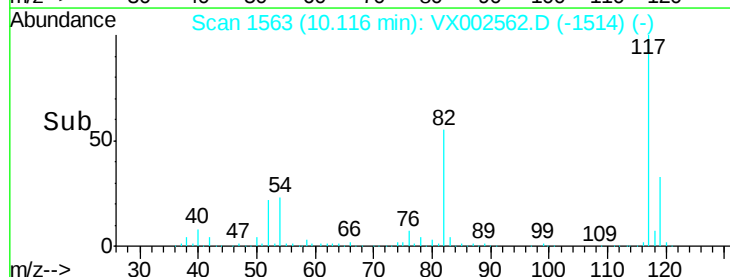
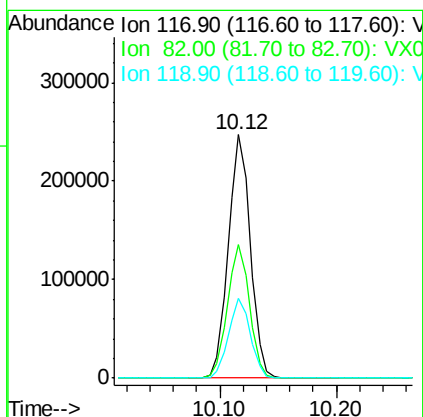
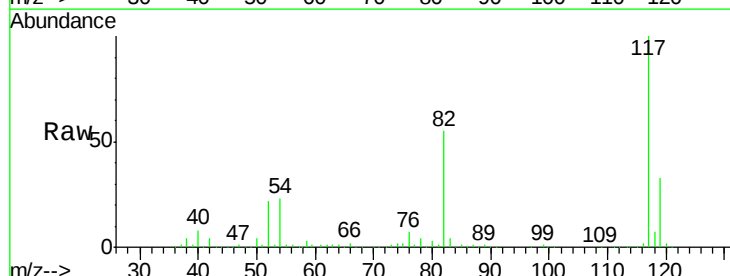
Instrument :
MSVOA_X
ClientSampleId :
PB110227ZHE#06

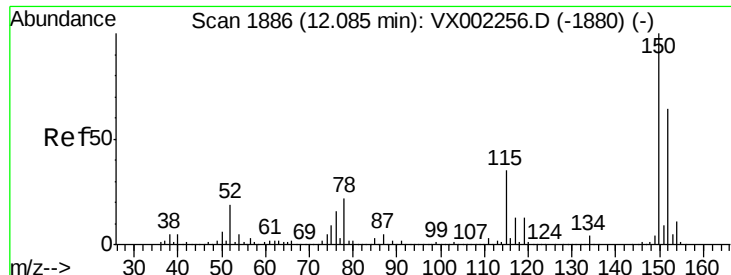
Tot Ion: 95 Resp: 179262
Ion Ratio Lower Upper
95 100
174 95.2 0.0 187.4
176 92.7 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002562.D
Acq: 14 Jun 2018 19:52

Tgt Ion: 117 Resp: 324882
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 32.9 25.8 38.6

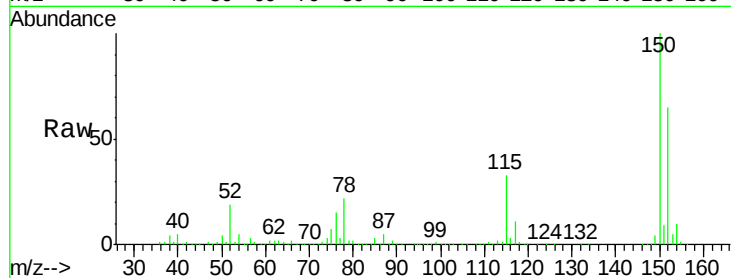




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX002562.D
 Acq: 14 Jun 2018 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110227ZHE#06

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.1	120.2
150	154.7	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

