

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002561.D
 Acq On : 14 Jun 2018 19:26
 Operator : JC/MD
 Sample : PB110227ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110227ZHE#05

Quant Time: Jun 15 02:31:32 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

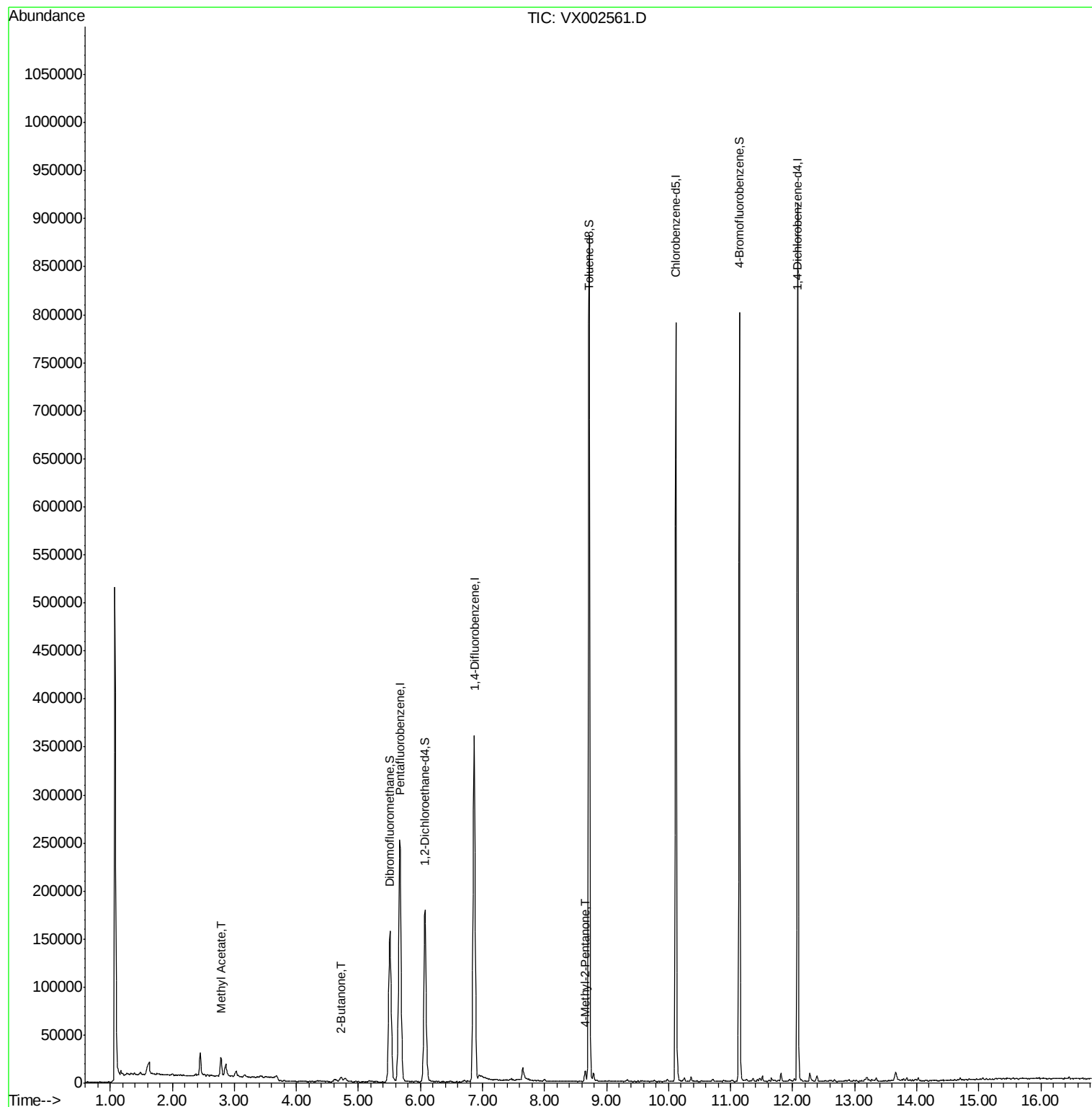
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166922	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
35) Dibromofluoromethane	5.51	113	127086	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
50) Toluene-d8	8.72	98	504876	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.14	95	186959	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
Target Compounds						
18) Methyl Acetate	2.78	43	23935	4.289	ug/l	99
25) 2-Butanone	4.72	43	7471	3.081	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	6352	1.341	ug/l	99

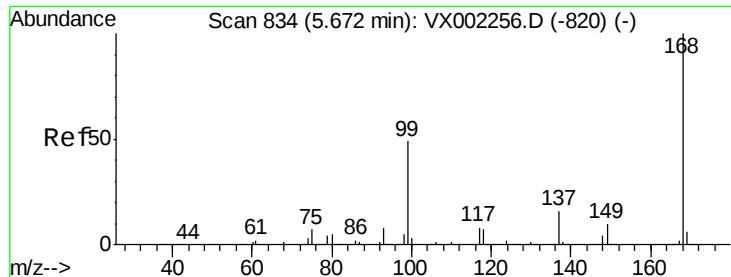
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002561.D

Acq: 14 Jun 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

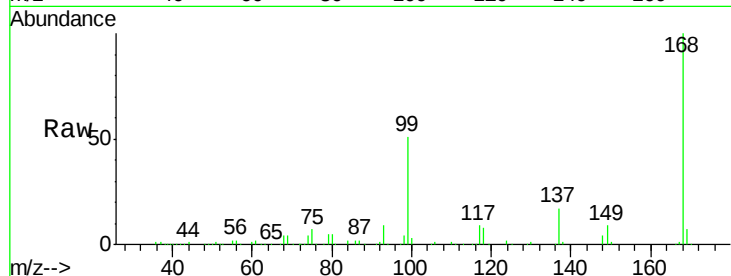
PB110227ZHE#05

Tot Ion:168 Resp: 247281

Ion Ratio Lower Upper

168 100

99 51.4 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

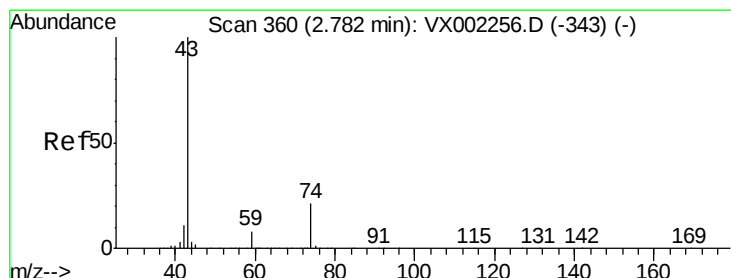
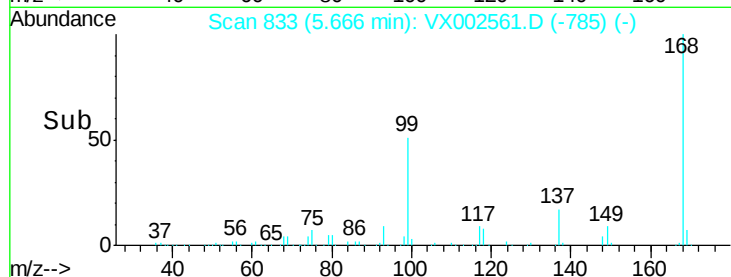
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 4.289 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002561.D

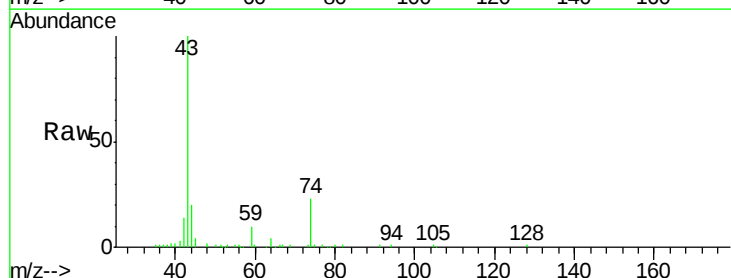
Acq: 14 Jun 2018 19:26

Tgt Ion: 43 Resp: 23935

Ion Ratio Lower Upper

43 100

74 21.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

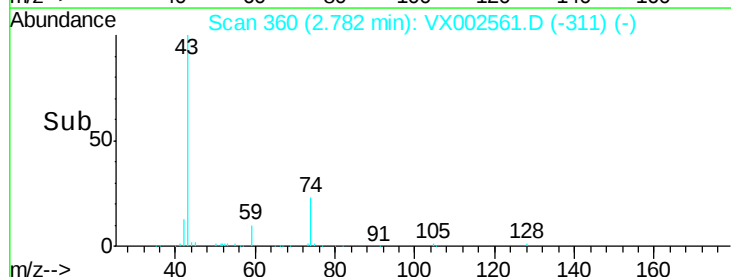
15000

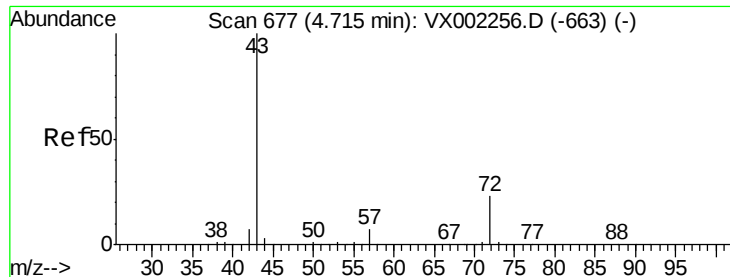
10000

5000

0

Time--> 2.70 2.75 2.80 2.85





#25

2-Butanone

Concen: 3.081 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002561.D

Acq: 14 Jun 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

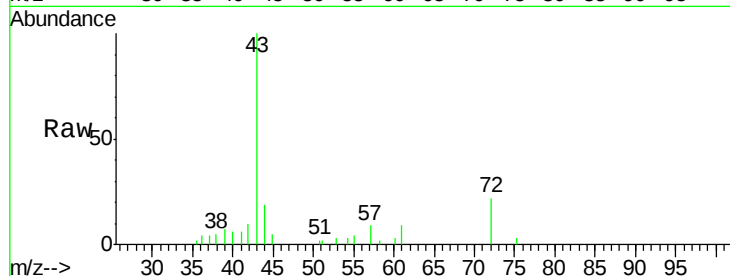
PB110227ZHE#05

Tot Ion: 43 Resp: 7471

Ion Ratio Lower Upper

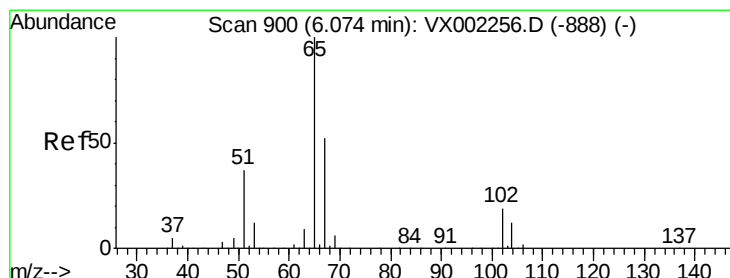
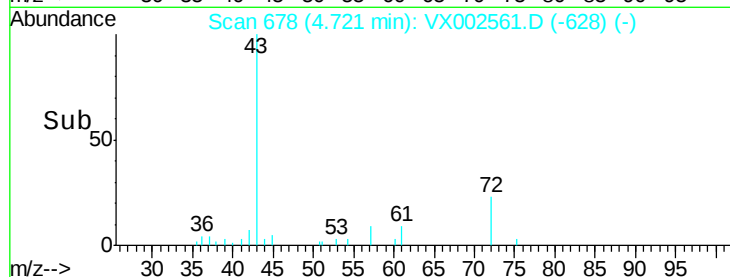
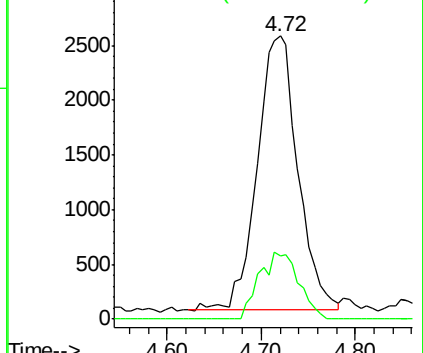
43 100

72 23.3 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: 46.997 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002561.D

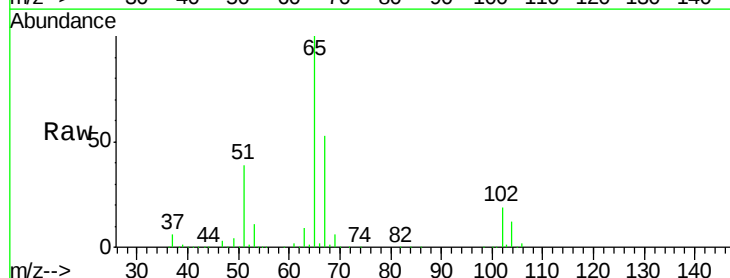
Acq: 14 Jun 2018 19:26

Tgt Ion: 65 Resp: 166922

Ion Ratio Lower Upper

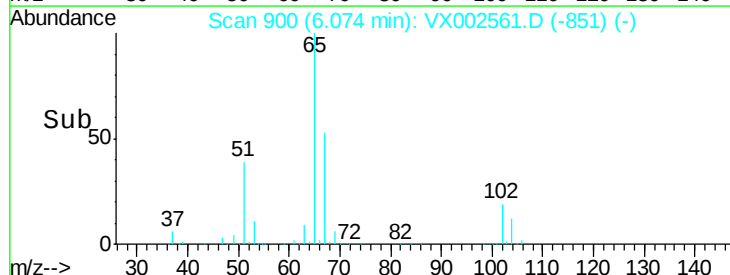
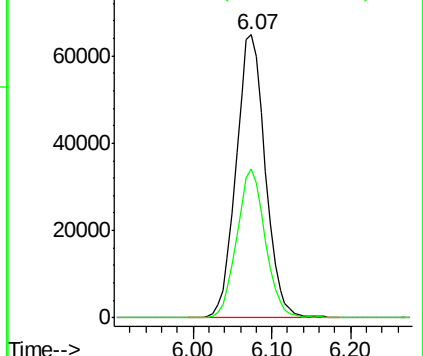
65 100

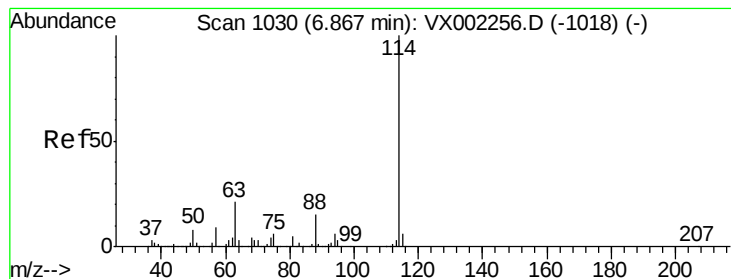
67 51.5 0.0 102.6



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: VX002561.D

Acq: 14 Jun 2018 19:26

Instrument :

MSVOA_X

ClientSampleId :

PB110227ZHE#05

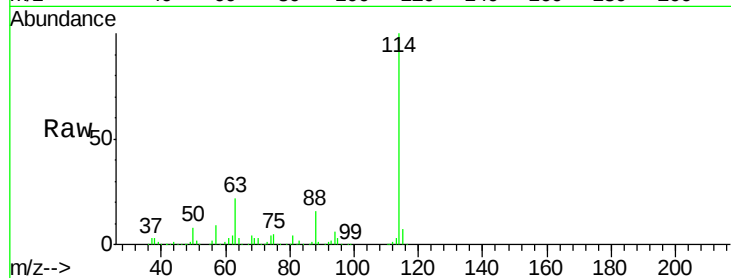
Tot Ion:114 Resp: 354204

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.4

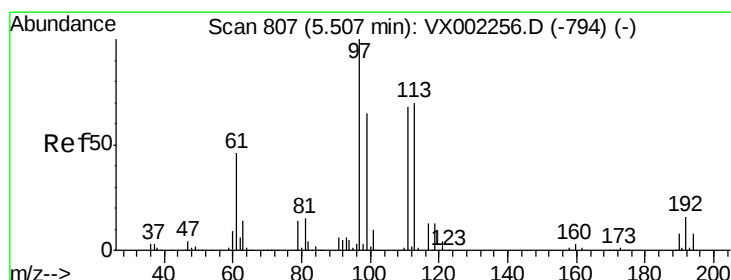
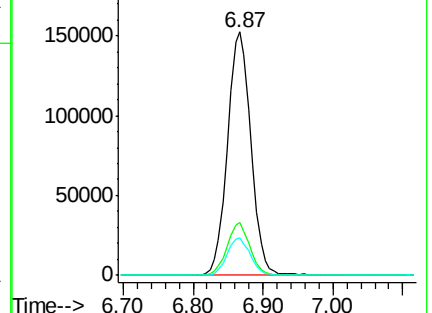
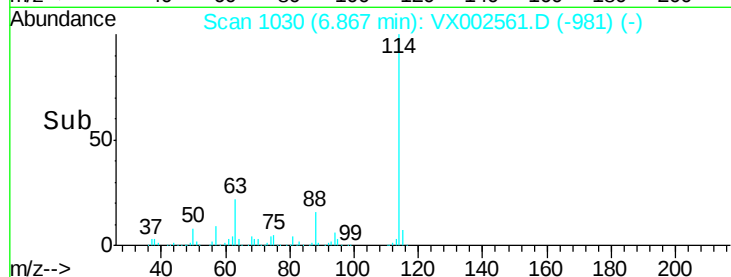
88 15.5 0.0 30.0



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: 45.624 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002561.D

Acq: 14 Jun 2018 19:26

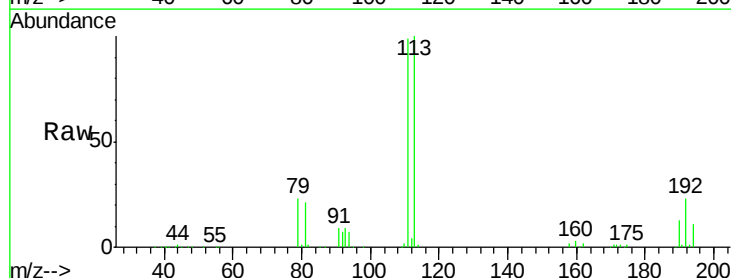
Tgt Ion:113 Resp: 127086

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

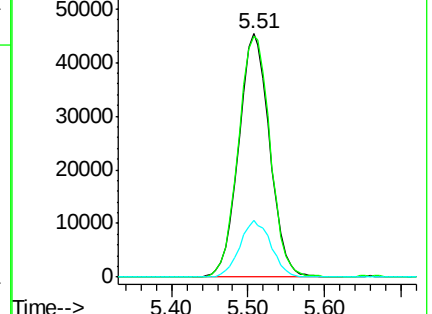
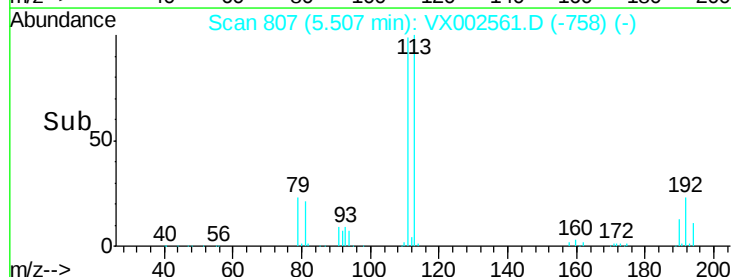
192 23.4 19.1 28.7

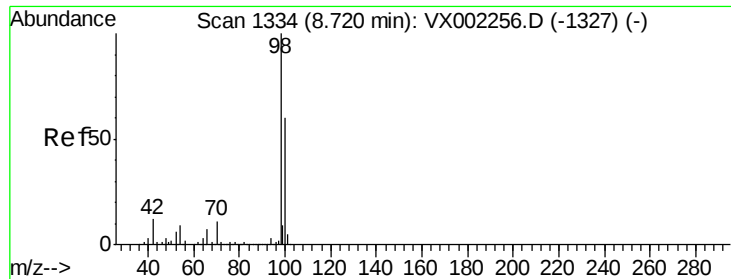


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

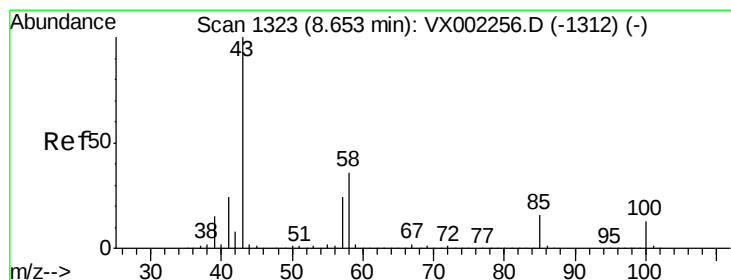
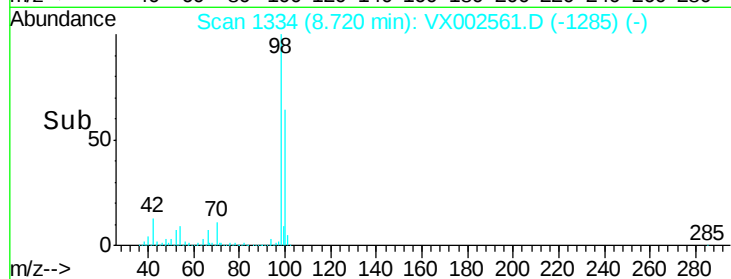
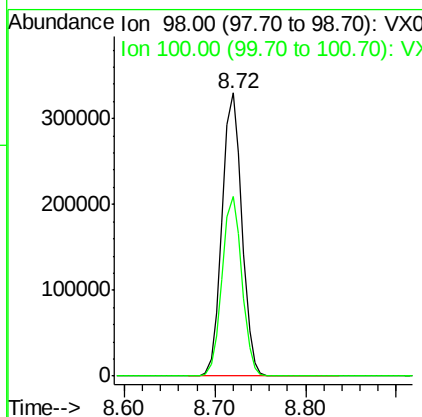
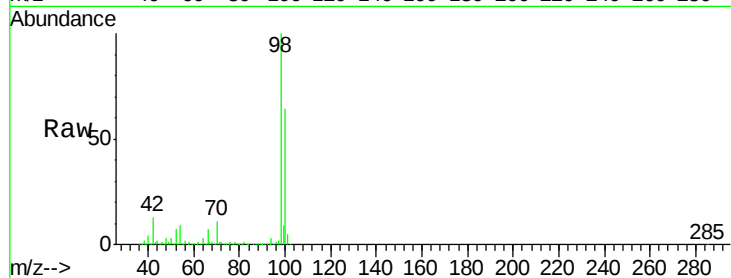




#50
Toluene-d8
Concen: 47.288 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002561.D
Acq: 14 Jun 2018 19:26

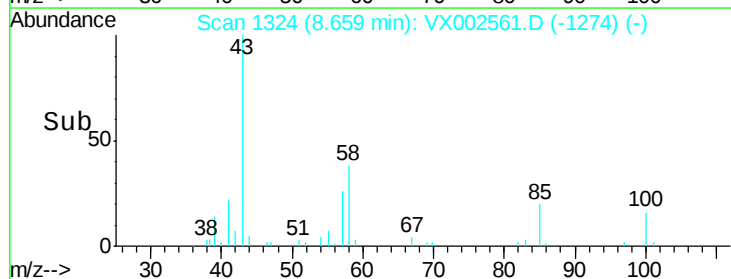
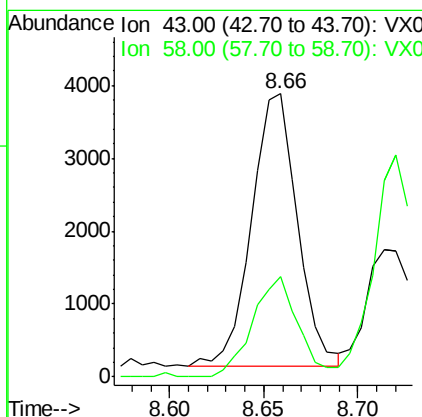
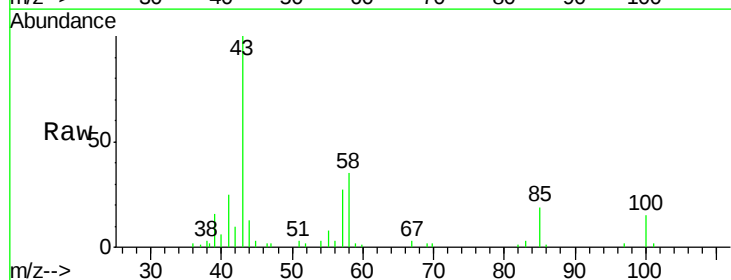
Instrument :
MSVOA_X
ClientSampleId :
PB110227ZHE#05

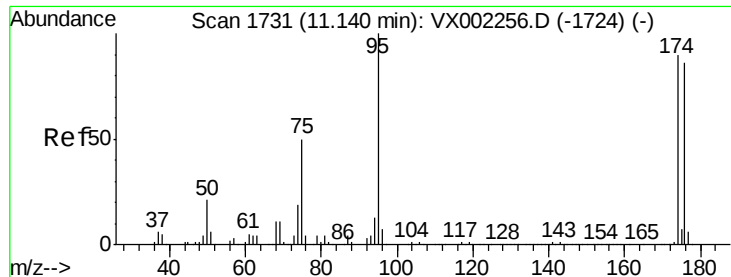
Tot Ion: 98 Resp: 504876
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.341 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002561.D
Acq: 14 Jun 2018 19:26

Tgt Ion: 43 Resp: 6352
Ion Ratio Lower Upper
43 100
58 36.4 28.6 42.8

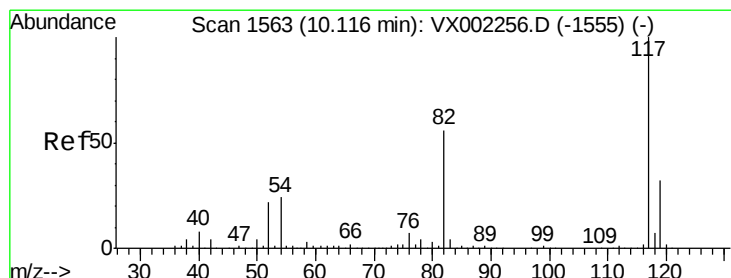
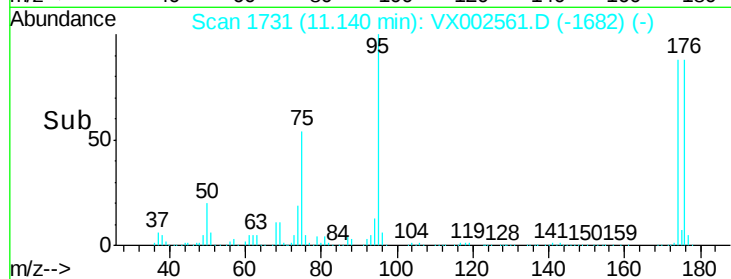
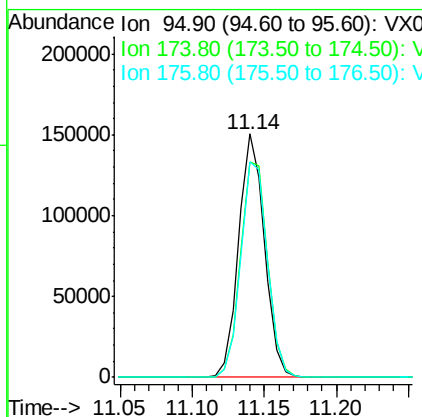
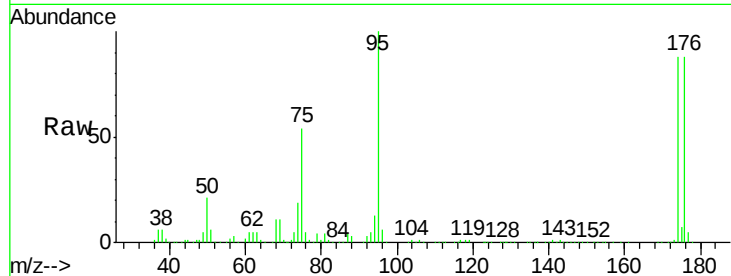




#62
4-Bromofluorobenzene
Concen: 45.411 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002561.D
Acq: 14 Jun 2018 19:26

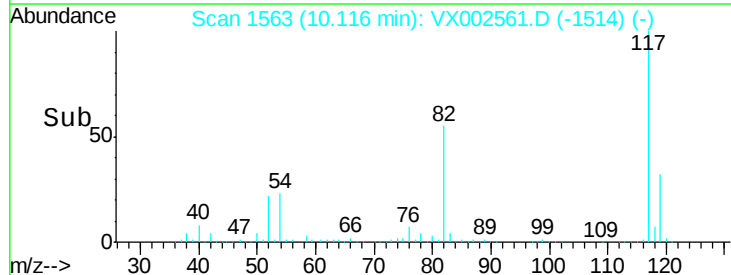
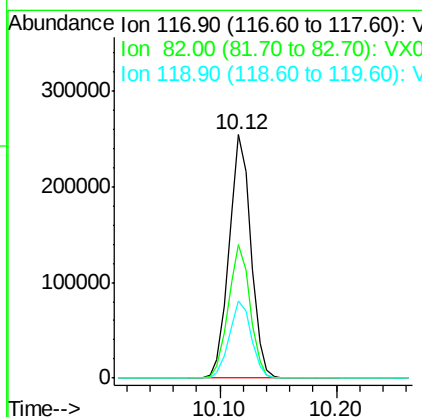
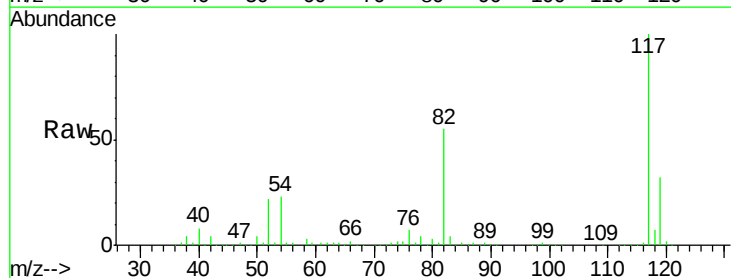
Instrument :
MSVOA_X
ClientSampleId :
PB110227ZHE#05

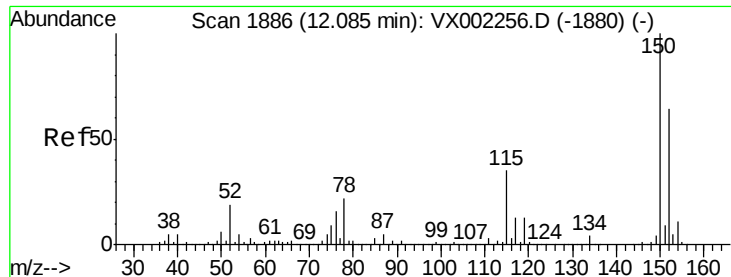
Tot Ion	95	Resp	186959
Ion Ratio	Lower	Upper	
95	100		
174	92.8	0.0	187.4
176	91.3	0.0	181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002561.D
Acq: 14 Jun 2018 19:26

Tgt Ion	117	Resp	331378
Ion Ratio	Lower	Upper	
117	100		
82	54.8	45.0	67.4
119	31.8	25.8	38.6

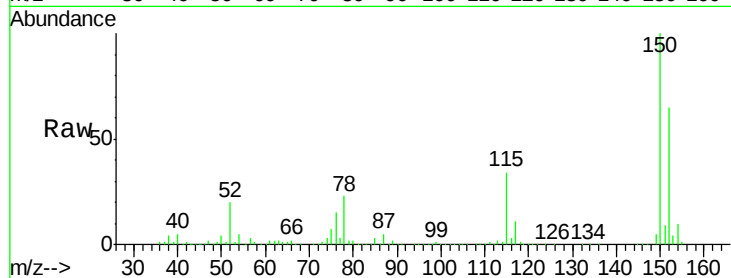




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002561.D
 Acq: 14 Jun 2018 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110227ZHE#05

Tot Ion:152 Resp: 192753
 Ion Ratio Lower Upper
 152 100
 115 56.0 40.1 120.2
 150 156.4 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

