

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002573.D
 Acq On : 15 Jun 2018 01:37
 Operator : JC/MD
 Sample : PB110227ZHE#11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110227ZHE#11

Quant Time: Jun 15 03:42:18 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

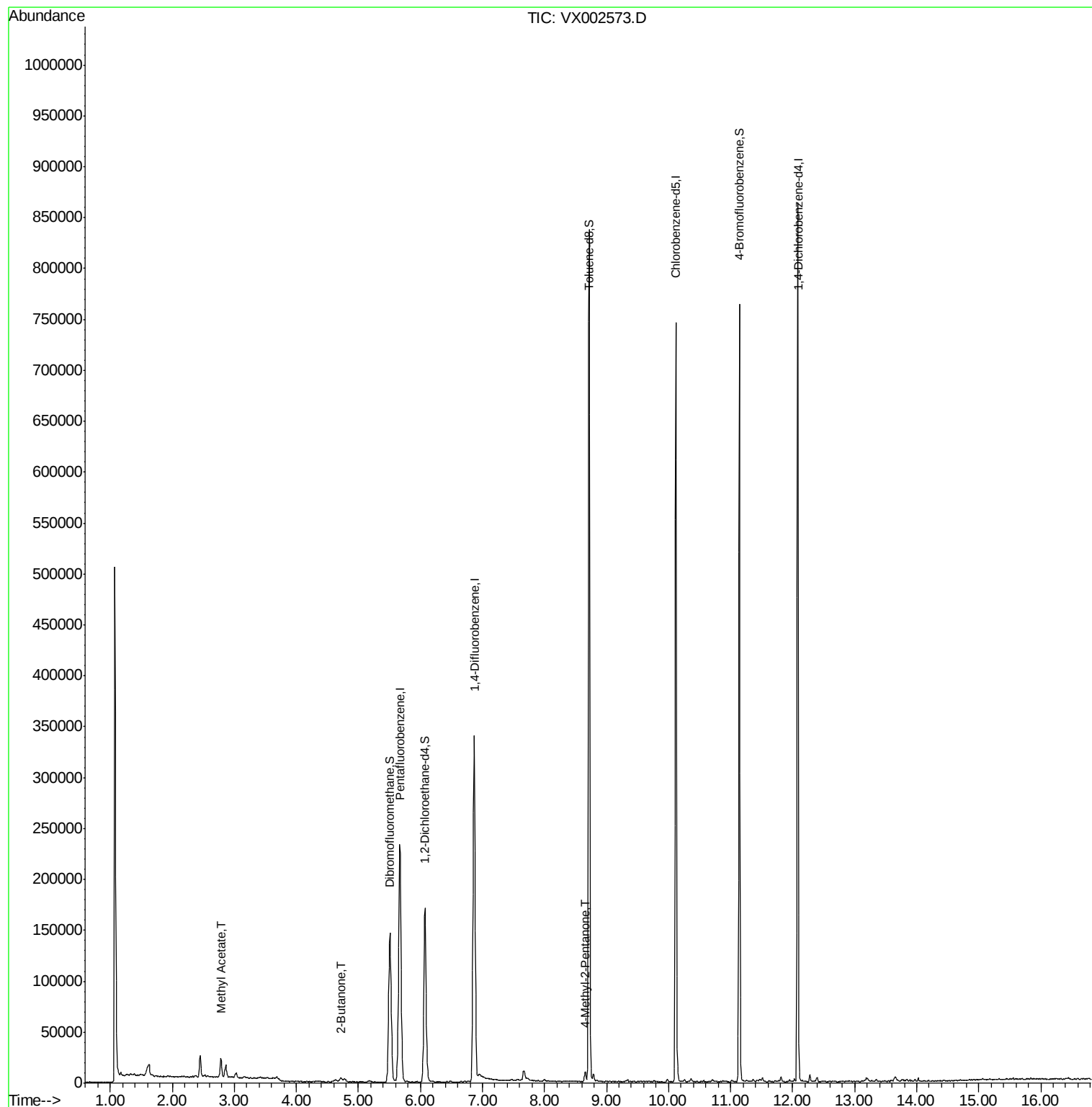
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	332432	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	182908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159065	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
35) Dibromofluoromethane	5.51	113	119318	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
50) Toluene-d8	8.72	98	480754	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.14	95	170942	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
Target Compounds						
18) Methyl Acetate	2.78	43	23084	4.565	ug/l	96
25) 2-Butanone	4.71	43	7025	3.120	ug/l #	90
51) 4-Methyl-2-Pentanone	8.65	43	5664	1.274	ug/l	93

(#) = 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# 833

Delta R.T. -0.01 min

Lab File: VX002573.D

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Instrument :

MSVOA_X

ClientSampleId :

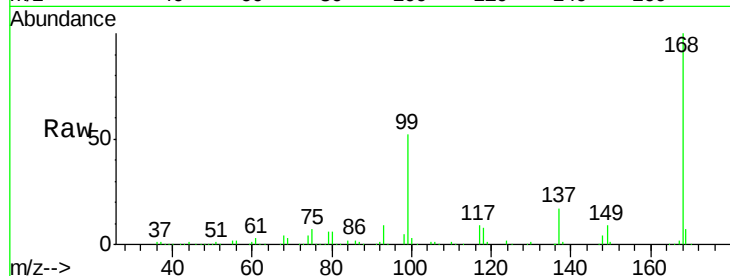
PB110227ZHE#11

Tot Ion:168 Resp: 229629

Ion Ratio Lower Upper

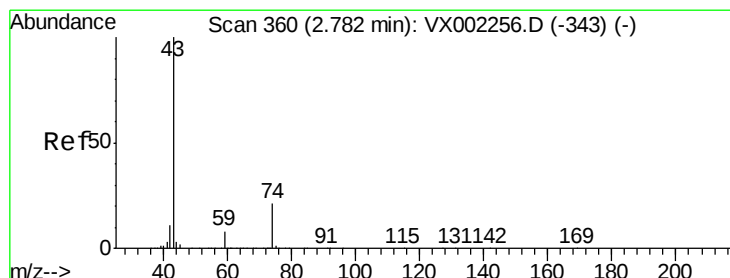
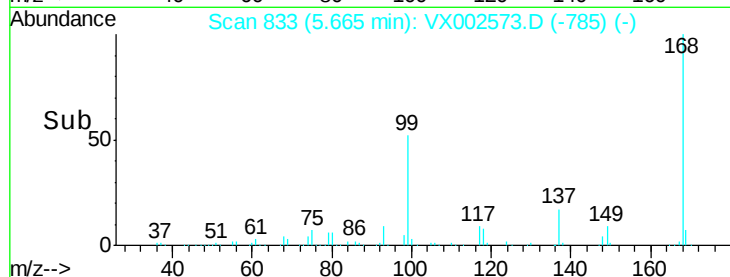
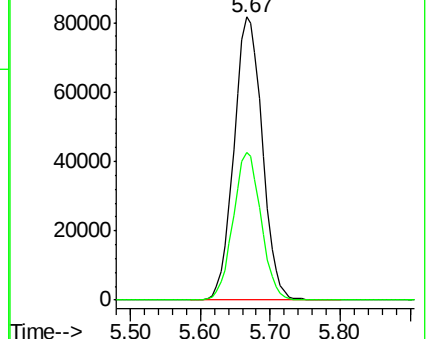
168 100

99 52.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#18

Methyl Acetate

Concen: 4.565 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002573.D

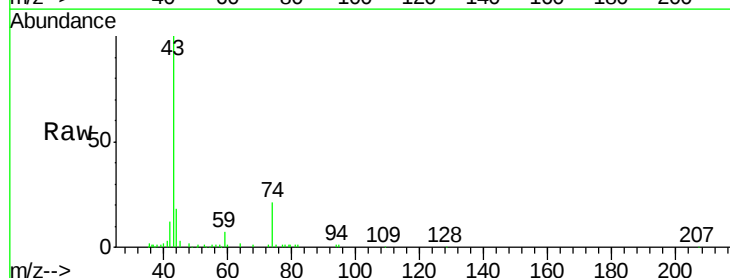
Acq: 15 Jun 2018 01:37

Tgt Ion: 43 Resp: 23084

Ion Ratio Lower Upper

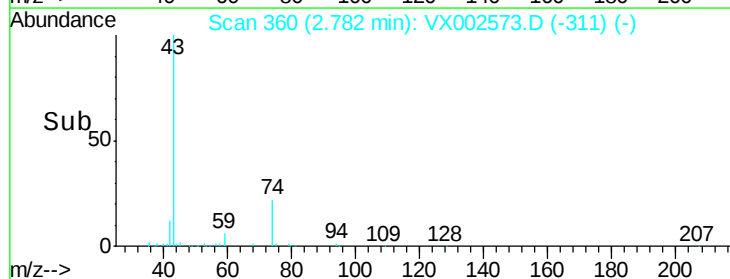
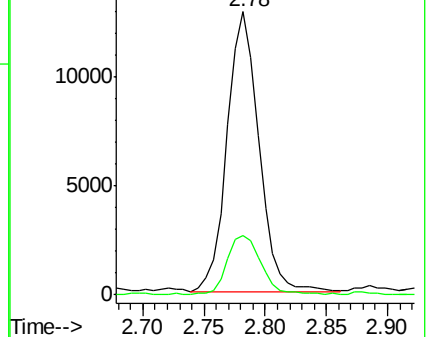
43 100

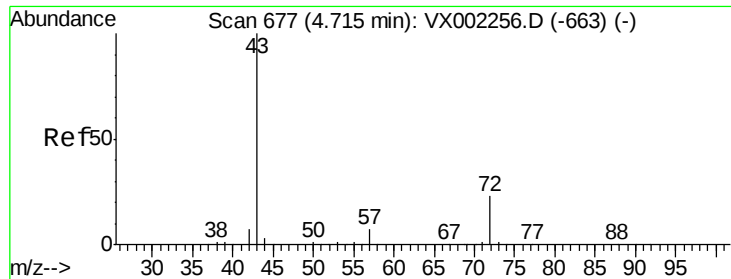
74 22.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#25

2-Butanone

Concen: 3.120 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002573.D

Acq: 15 Jun 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

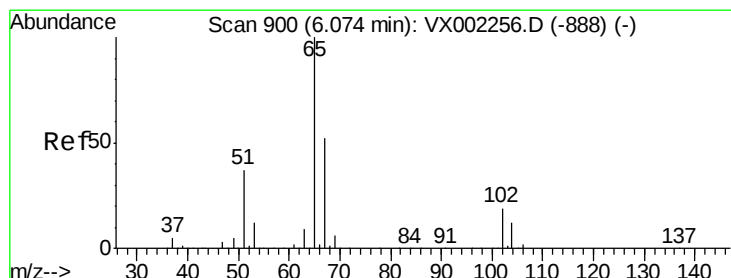
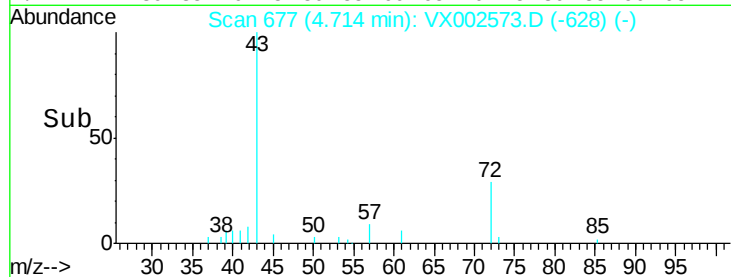
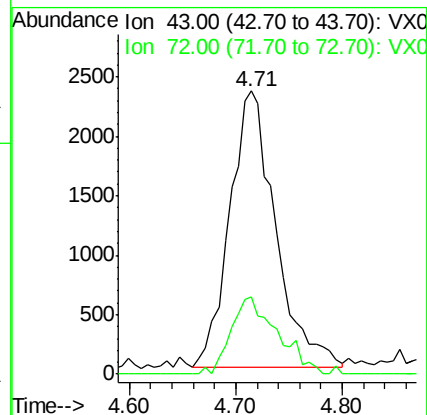
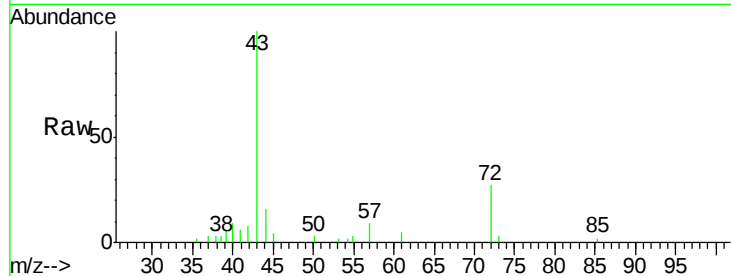
PB110227ZHE#11

Tot Ion: 43 Resp: 7025

Ion Ratio Lower Upper

43 100

72 28.0 18.5 27.7#



#33

1,2-Dichloroethane-d4

Concen: 48.325 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002573.D

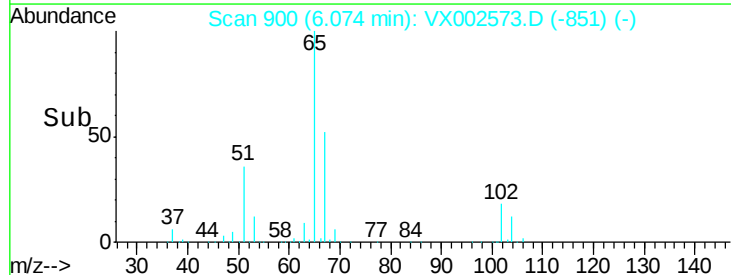
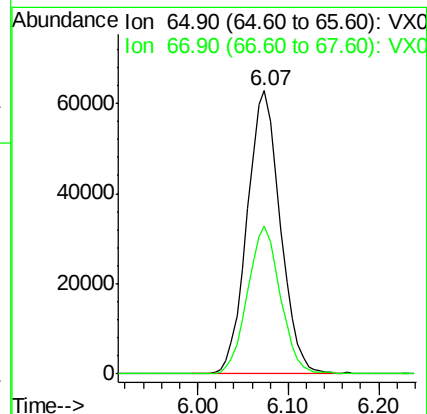
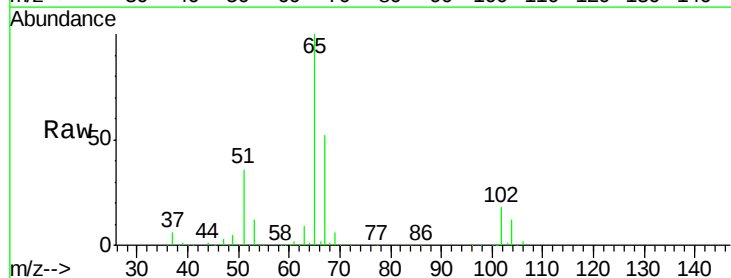
Acq: 15 Jun 2018 01:37

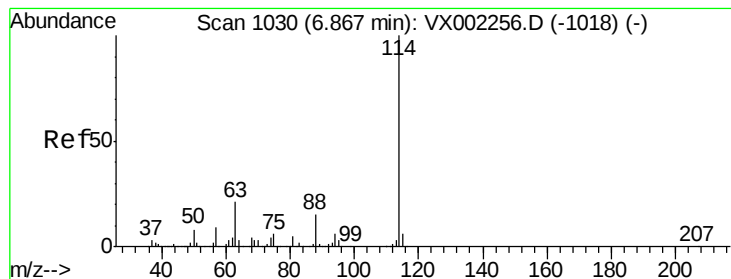
Tgt Ion: 65 Resp: 159065

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002573.D

Acq: 15 Jun 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

PB110227ZHE#11

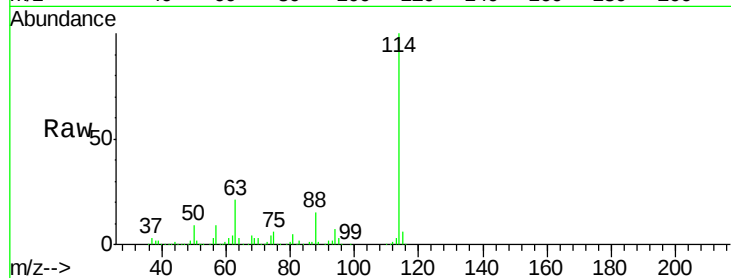
Tot Ion:114 Resp: 332432

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

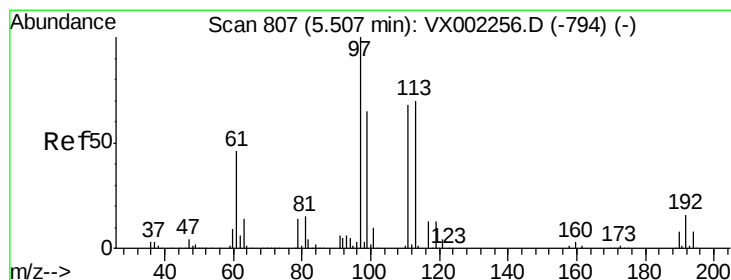
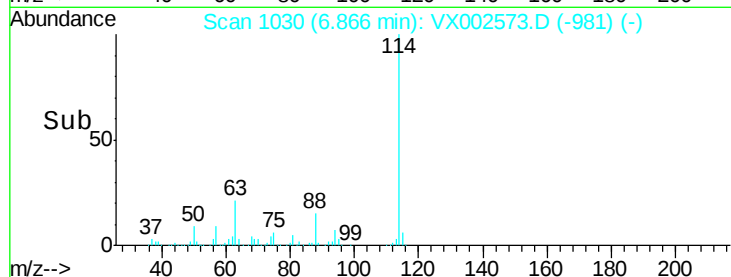
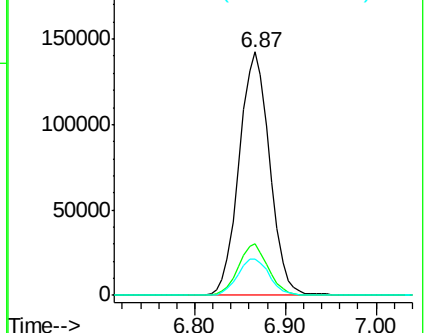
88 15.1 0.0 30.0



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: 45.641 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002573.D

Acq: 15 Jun 2018 01:37

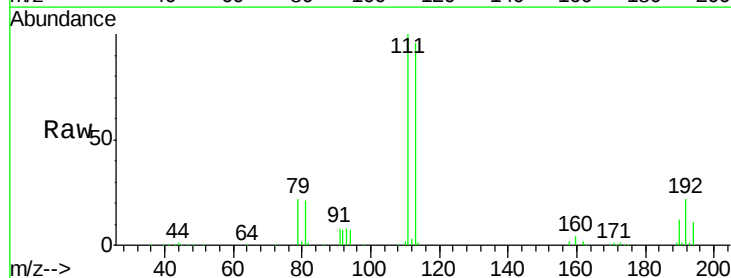
Tgt Ion:113 Resp: 119318

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

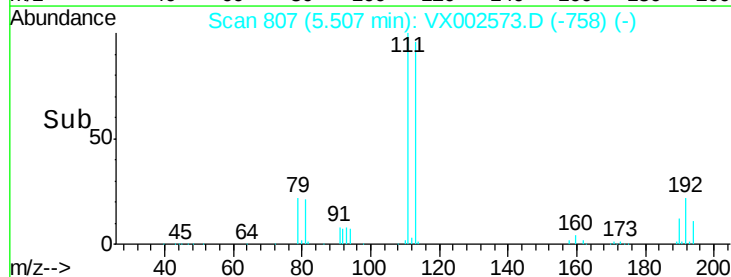
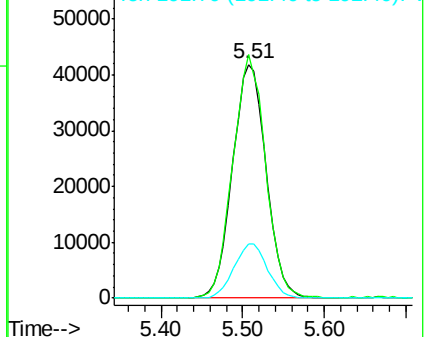
192 23.1 19.1 28.7

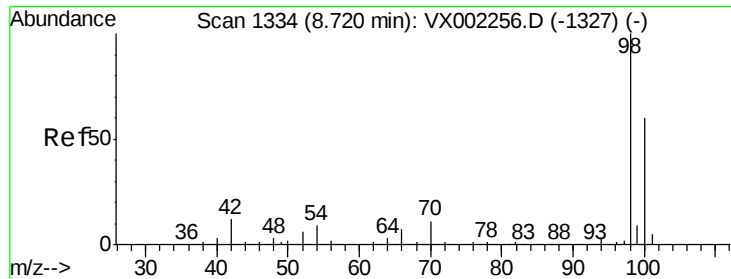


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

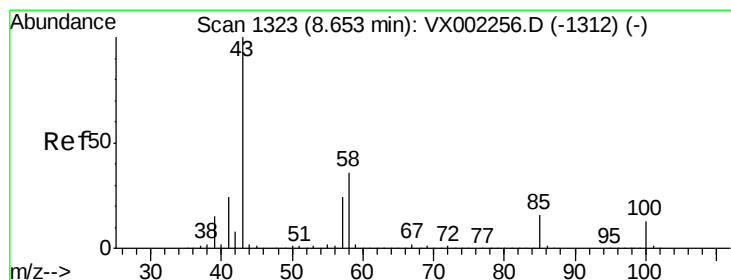
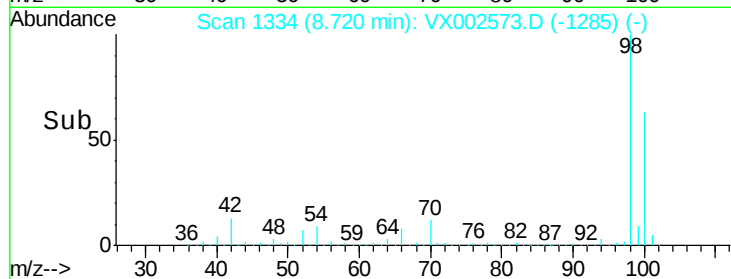
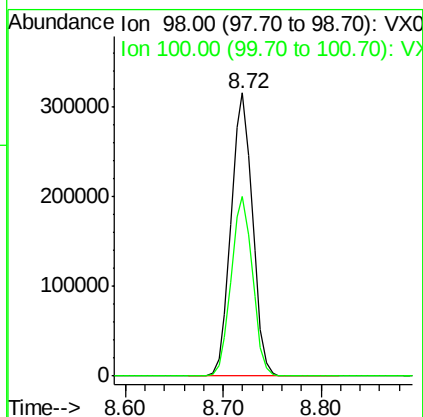
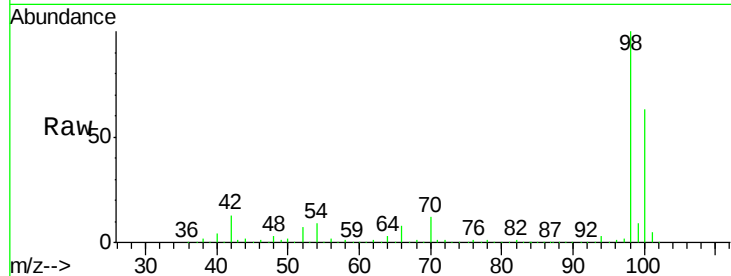




#50
Toluene-d8
Concen: 47.978 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002573.D
Acq: 15 Jun 2018 01:37

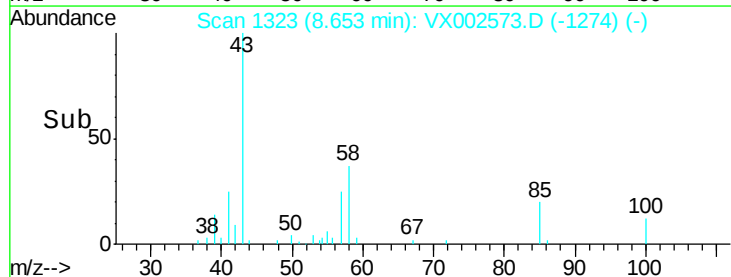
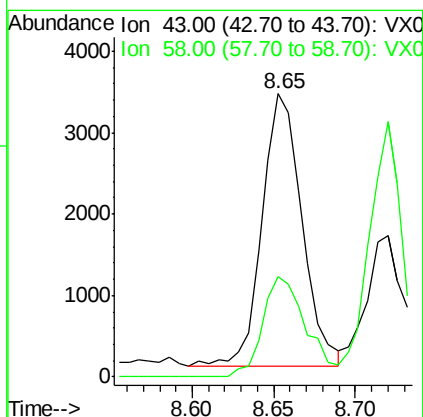
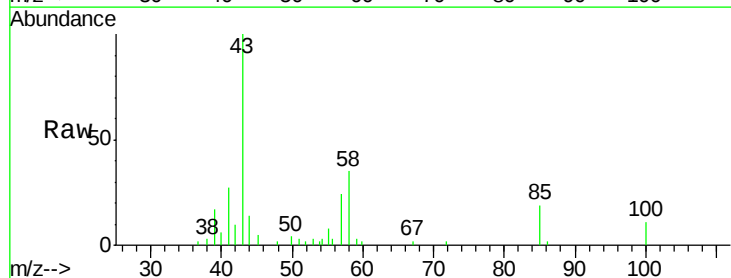
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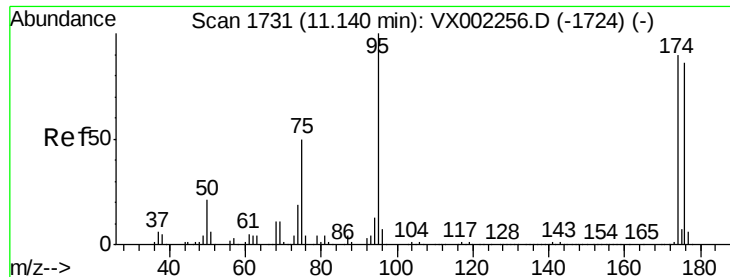
Tot Ion: 98 Resp: 480754
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.274 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002573.D
Acq: 15 Jun 2018 01:37

Tgt Ion: 43 Resp: 5664
Ion Ratio Lower Upper
43 100
58 39.8 28.6 42.8

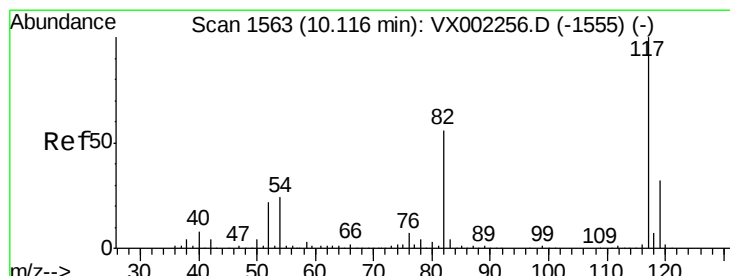
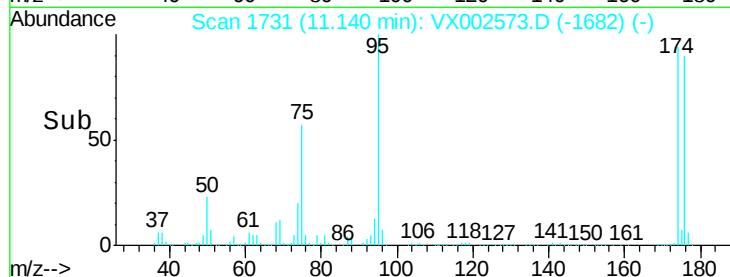
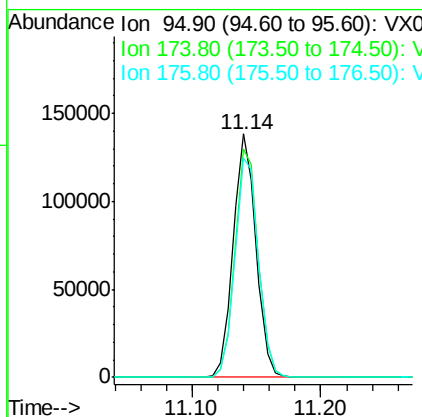
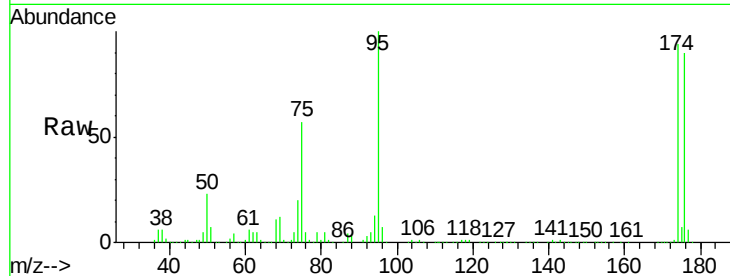




#62
4-Bromofluorobenzene
Concen: 44.240 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002573.D
Acq: 15 Jun 2018 01:37

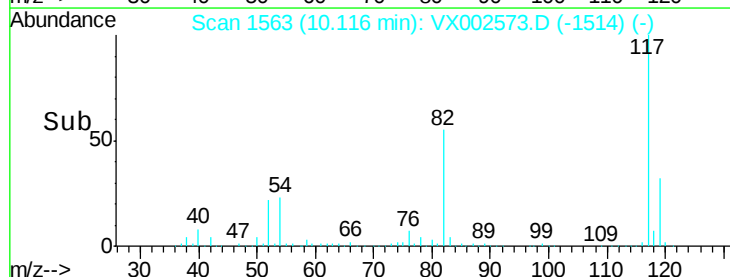
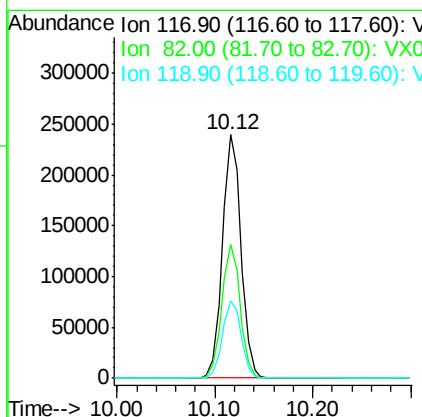
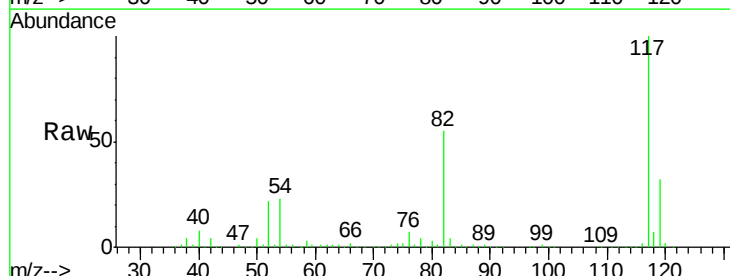
Instrument :
MSVOA_X
ClientSampleId :
PB110227ZHE#11

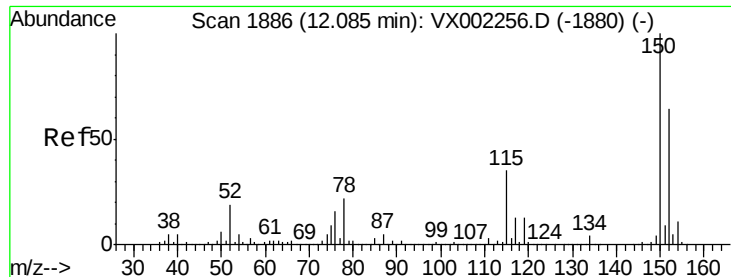
Tot Ion: 95 Resp: 170942
Ion Ratio Lower Upper
95 100
174 96.0 0.0 187.4
176 92.9 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002573.D
Acq: 15 Jun 2018 01:37

Tgt Ion: 117 Resp: 313510
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 31.9 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: VX002573.D
 Acq: 15 Jun 2018 01:37

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110227ZHE#11

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	40.1	120.2
150	156.4	0.0	347.2

