

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003265.D
 Acq On : 10 Jul 2018 00:57
 Operator : JC/MD
 Sample : PB110911ZHE#11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110911ZHE#11

Quant Time: Jul 10 01:31:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	370854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189504	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	167801	39.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.64%	
35) Dibromofluoromethane	5.51	113	145657	36.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.12%	
50) Toluene-d8	8.72	98	513492	36.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.56%	
62) 4-Bromofluorobenzene	11.14	95	177070	33.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.72%	

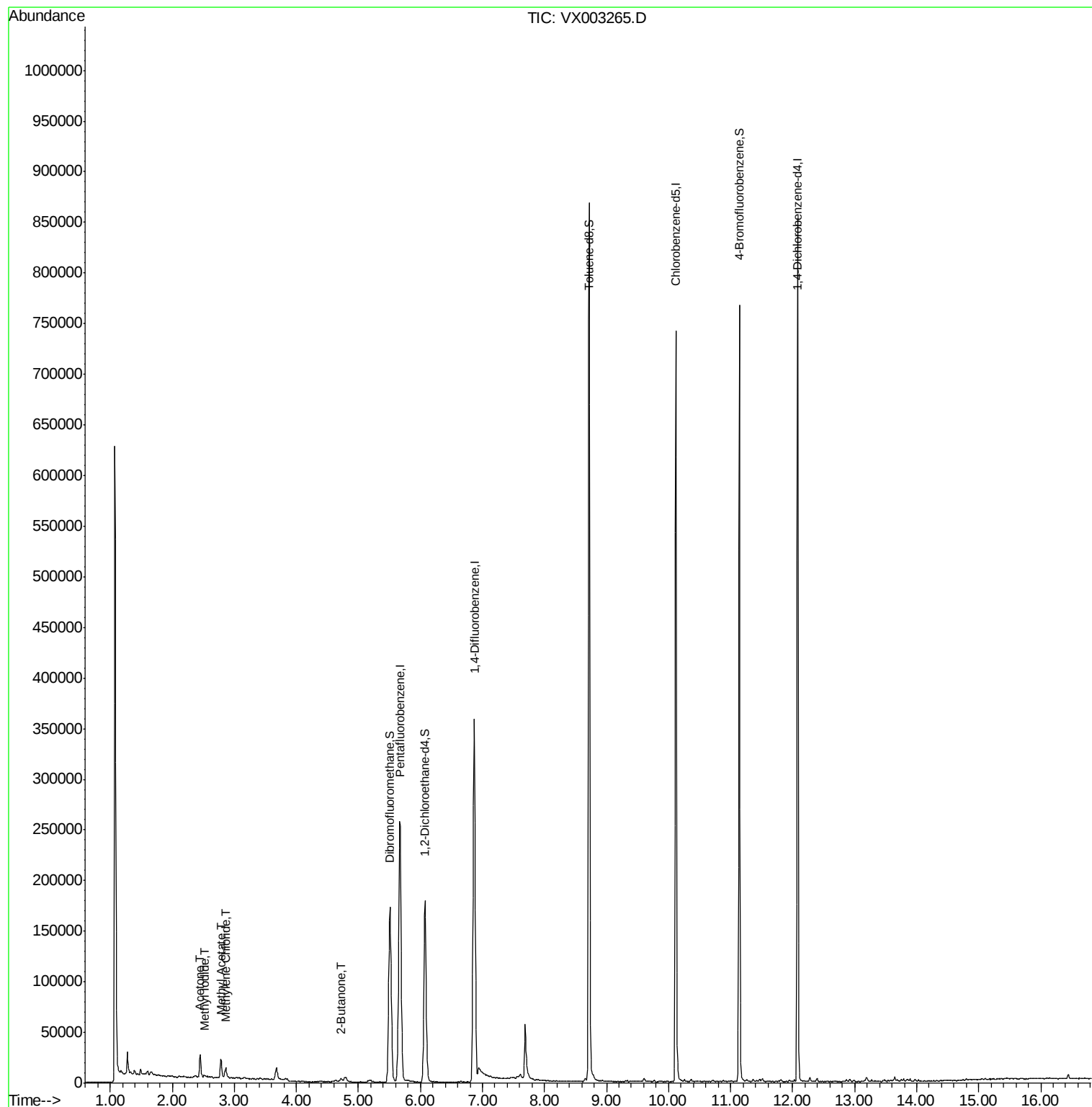
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	2650	6.29	ug/l	# 94
16) Acetone	2.45	43	23690	15.84	ug/l	92
18) Methyl Acetate	2.78	43	22829	5.41	ug/l	95
20) Methylene Chloride	2.86	84	5106	0.97	ug/l	89
25) 2-Butanone	4.73	43	5209	1.97	ug/l	98

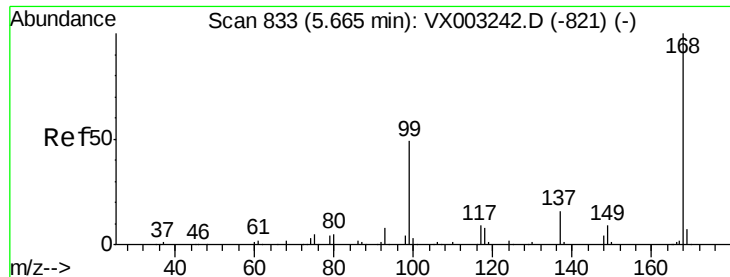
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003265.D

Acq: 10 Jul 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

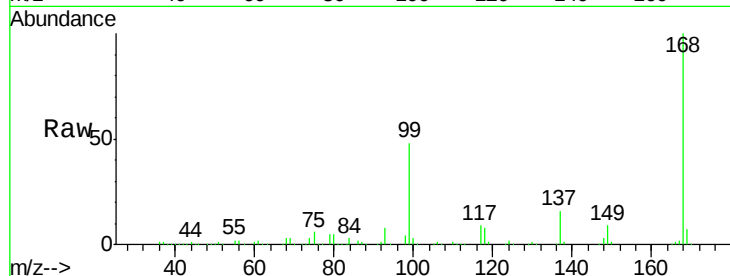
PB110911ZHE#11

Tot Ion:168 Resp: 267744

Ion Ratio Lower Upper

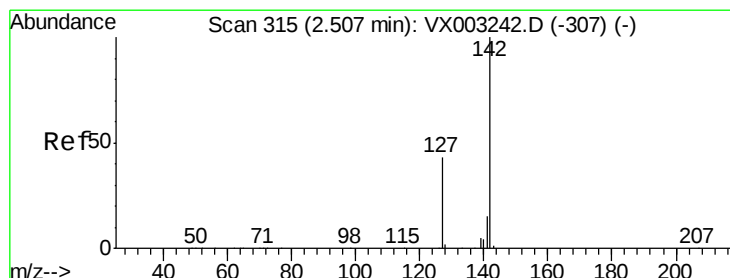
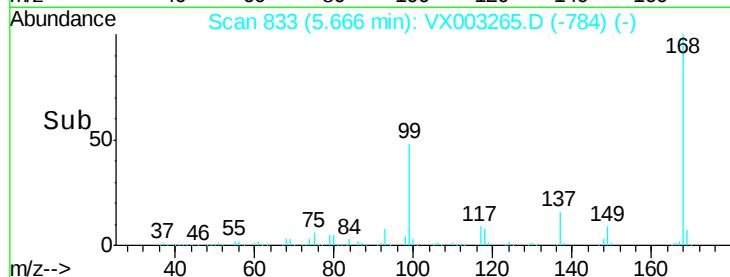
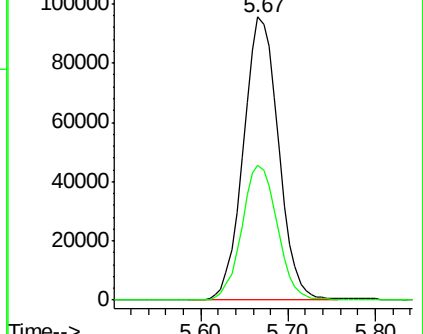
168 100

99 47.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.29 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003265.D

Acq: 10 Jul 2018 00:57

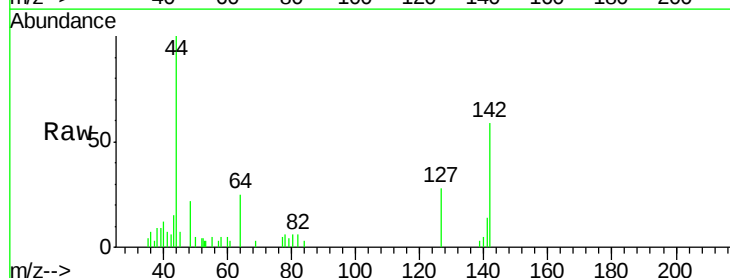
Tgt Ion:142 Resp: 2650

Ion Ratio Lower Upper

142 100

127 48.6 36.6 55.0

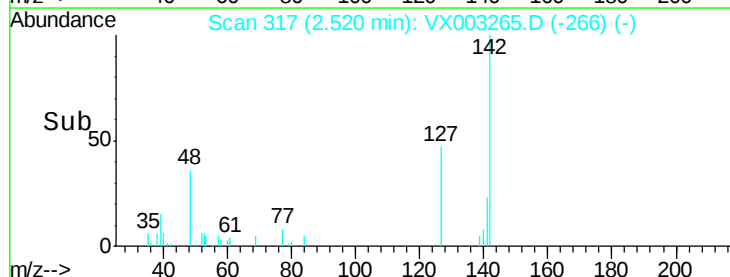
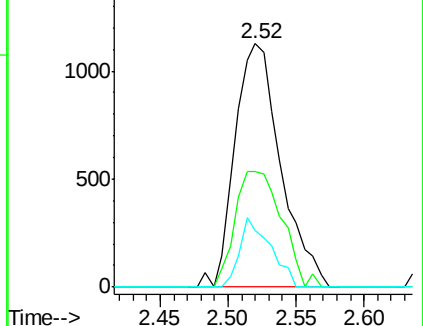
141 19.2 11.3 16.9#

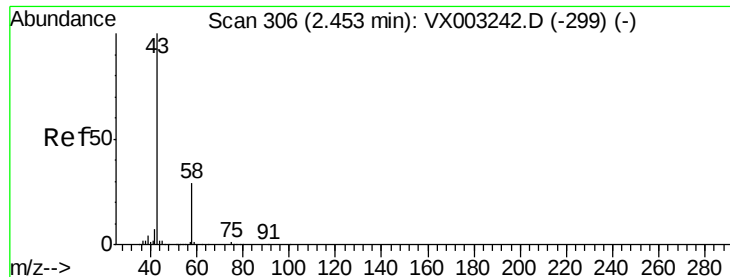


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 15.84 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003265.D

Acq: 10 Jul 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

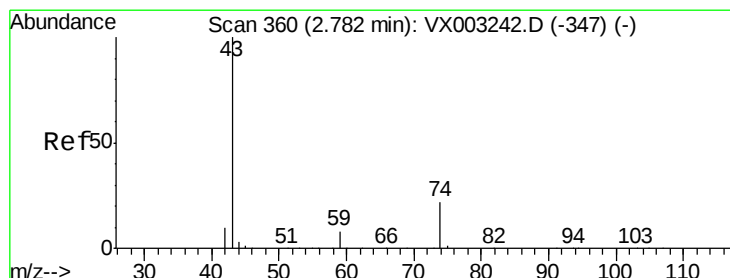
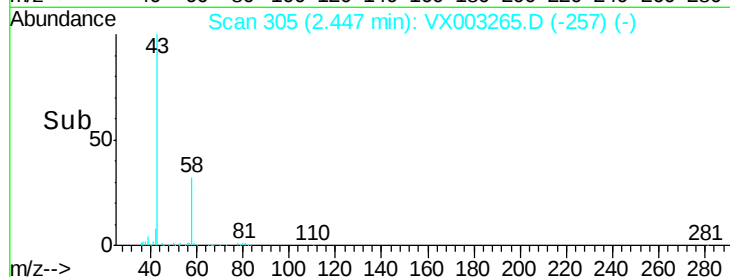
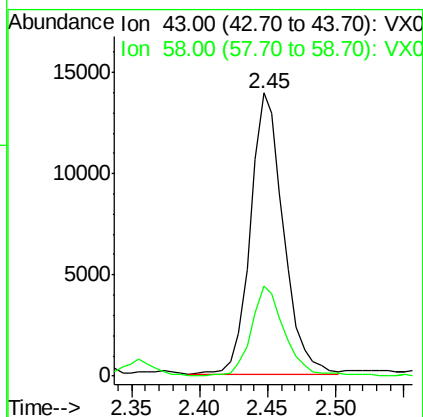
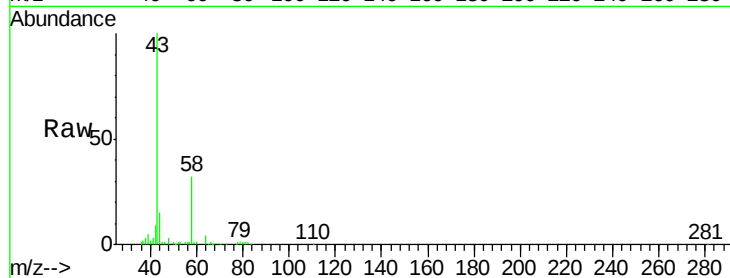
PB110911ZHE#11

Tot Ion: 43 Resp: 23690

Ion Ratio Lower Upper

43 100

58 32.0 22.1 33.1



#18

Methyl Acetate

Concen: 5.41 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003265.D

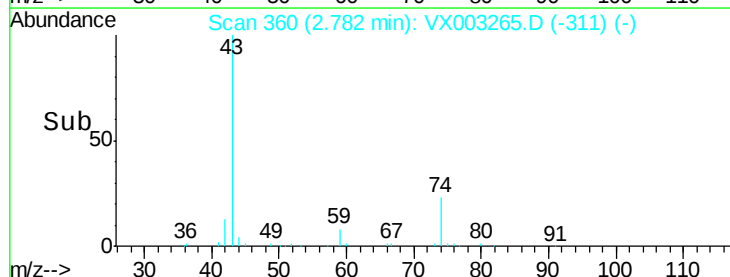
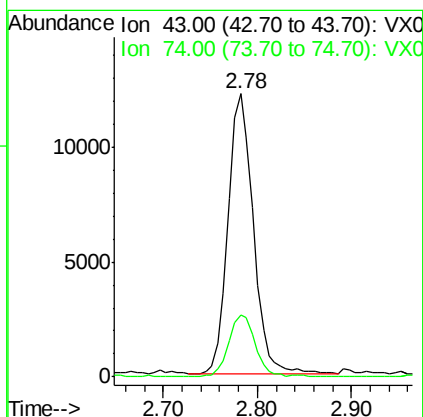
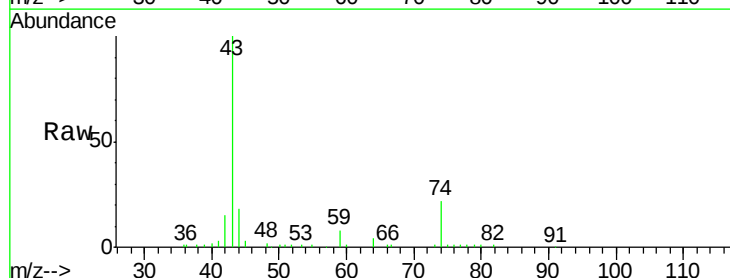
Acq: 10 Jul 2018 00:57

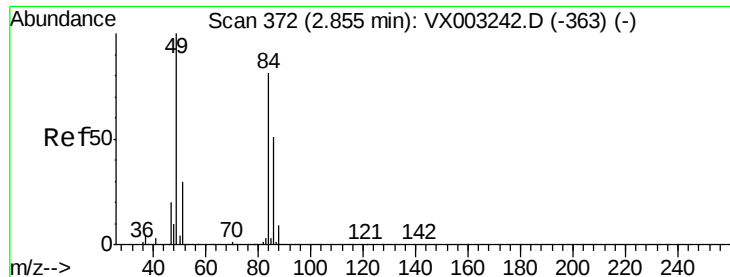
Tgt Ion: 43 Resp: 22829

Ion Ratio Lower Upper

43 100

74 23.2 16.7 25.1

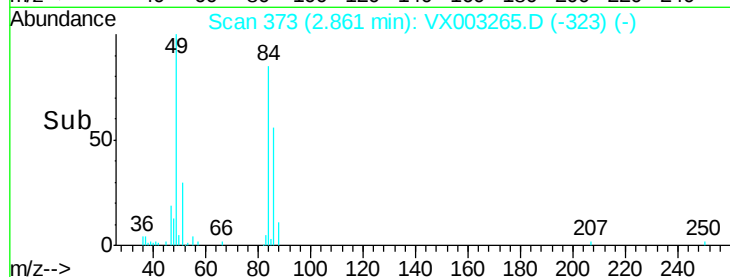
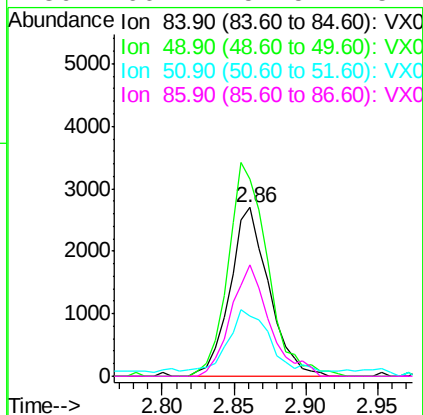
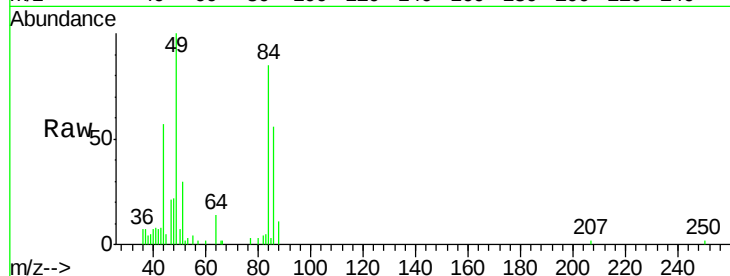




#20
Methylene Chloride
Concen: 0.97 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003265.D
Acq: 10 Jul 2018 00:57

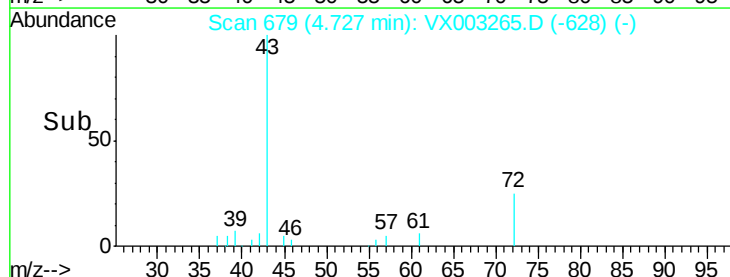
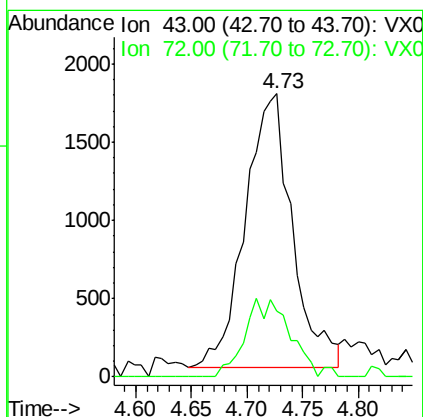
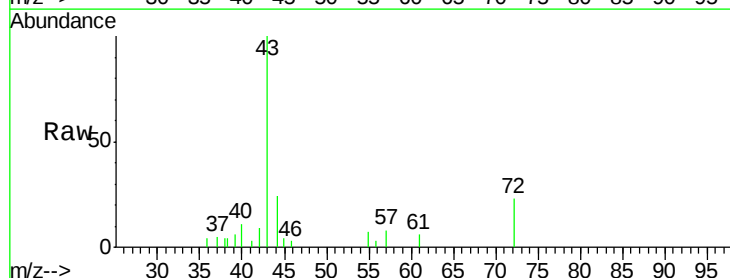
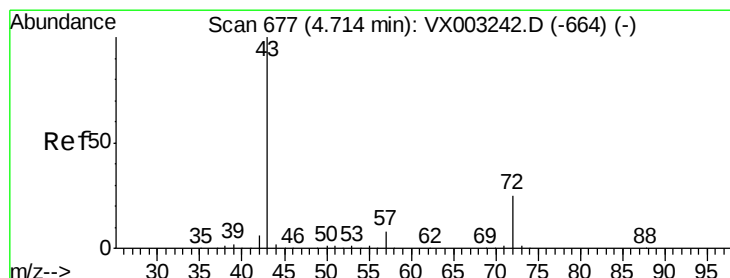
Instrument :
MSVOA_X
ClientSampleId :
PB110911ZHE#11

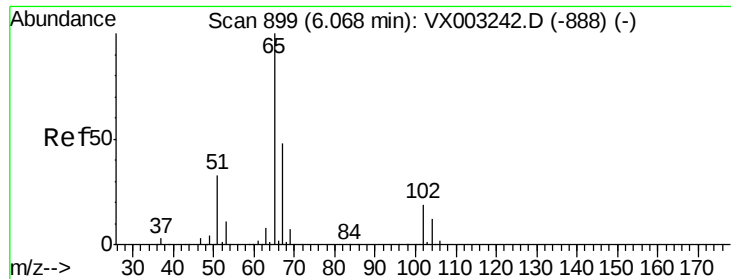
Tot Ion:	84	Resp:	5106
Ion	Ratio	Lower	Upper
84	100		
49	117.2	107.8	161.6
51	32.9	32.8	49.2
86	66.2	52.5	78.7



#25
2-Butanone
Concen: 1.97 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX003265.D
Acq: 10 Jul 2018 00:57

Tgt Ion:	43	Resp:	5209
Ion	Ratio	Lower	Upper
43	100		
72	23.9	18.5	27.7

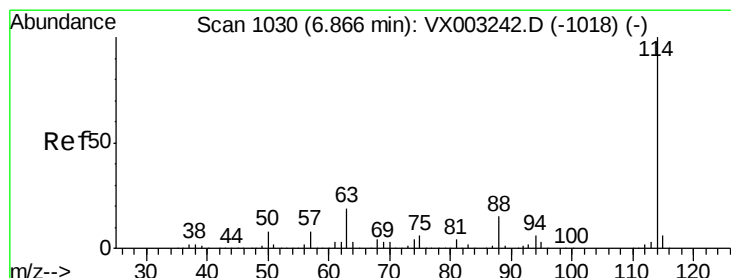
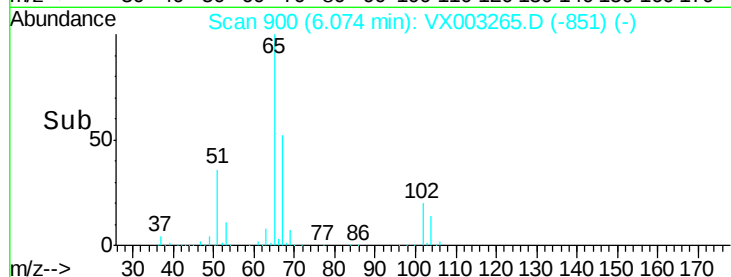
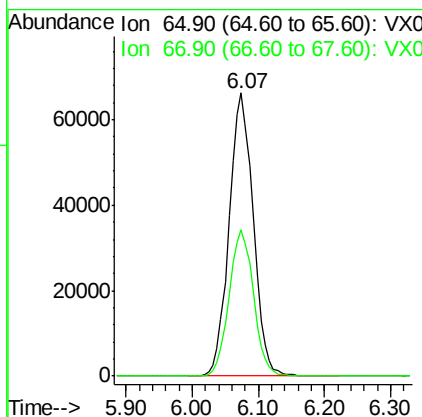
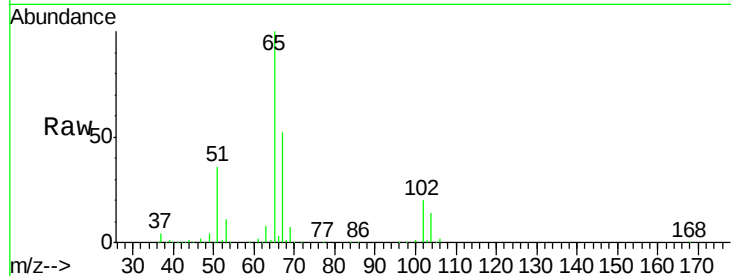




#33
 1,2-Dichloroethane-d4
 Concen: 39.82 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003265.D
 Acq: 10 Jul 2018 00:57

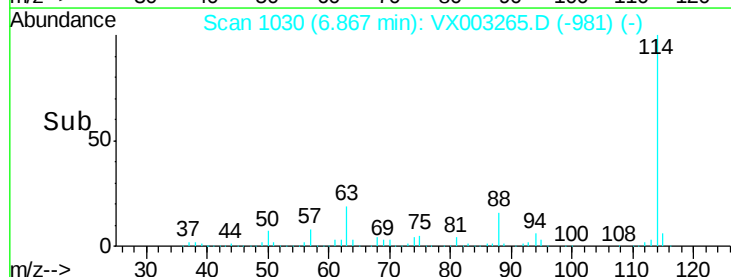
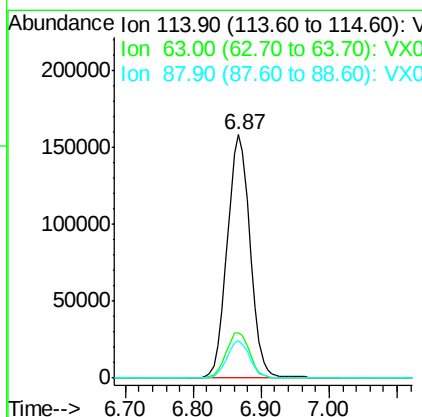
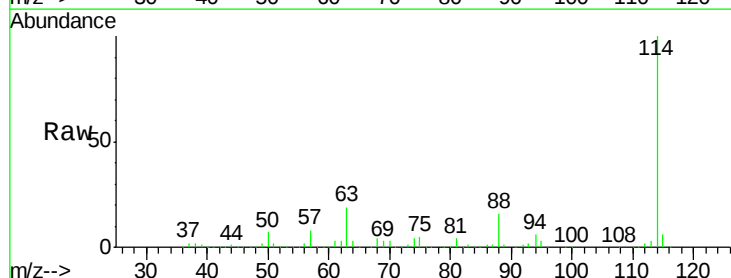
Instrument :
 MSVOA_X
 ClientSampleId :
 PB110911ZHE#11

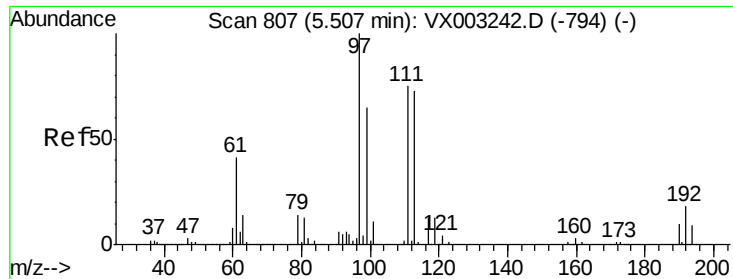
Tot Ion: 65 Resp: 167801
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003265.D
 Acq: 10 Jul 2018 00:57

Tgt Ion: 114 Resp: 370854
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.4
 88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 36.56 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003265.D

Acq: 10 Jul 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

PB110911ZHE#11

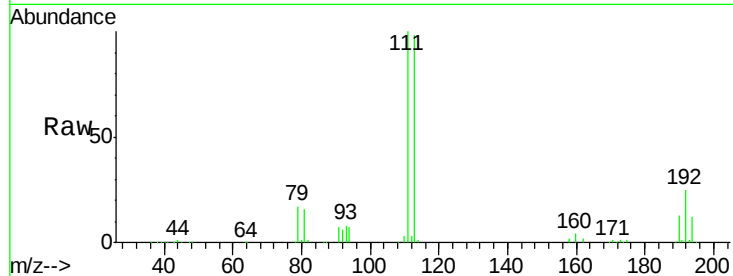
Tot Ion:113 Resp: 145657

Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

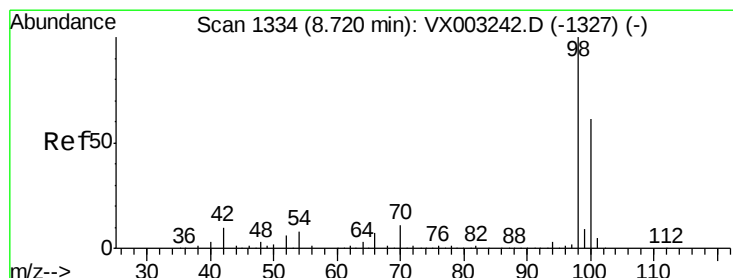
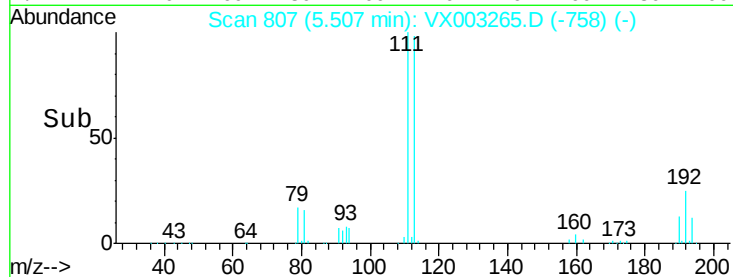
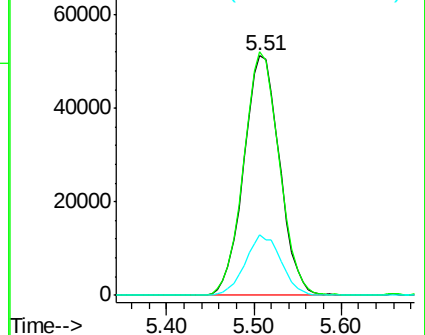
192 25.3 19.1 28.7



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: 36.28 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003265.D

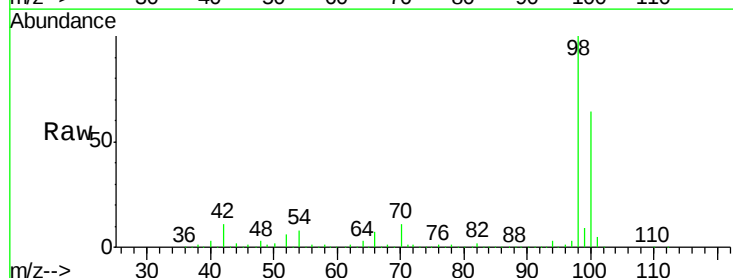
Acq: 10 Jul 2018 00:57

Tgt Ion: 98 Resp: 513492

Ion Ratio Lower Upper

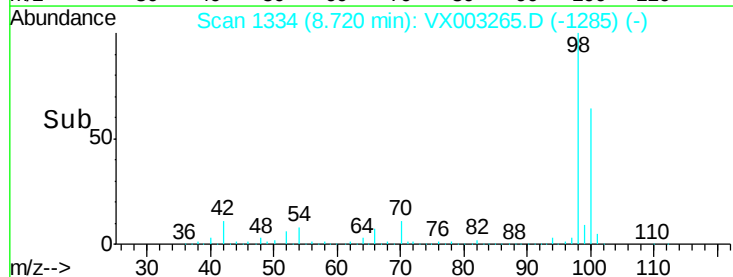
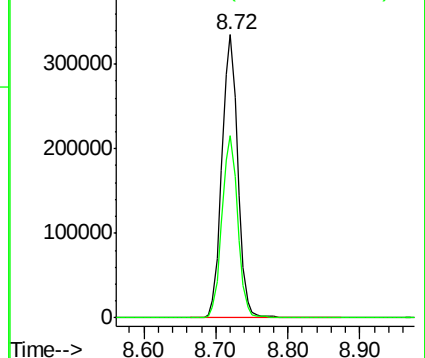
98 100

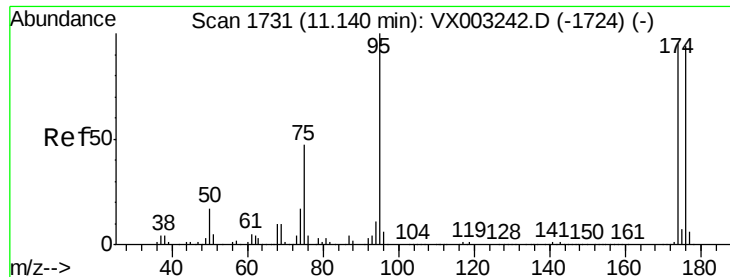
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#62

4-Bromofluorobenzene

Concen: 33.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003265.D

Acq: 10 Jul 2018 00:57

Instrument :

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PB110911ZHE#11

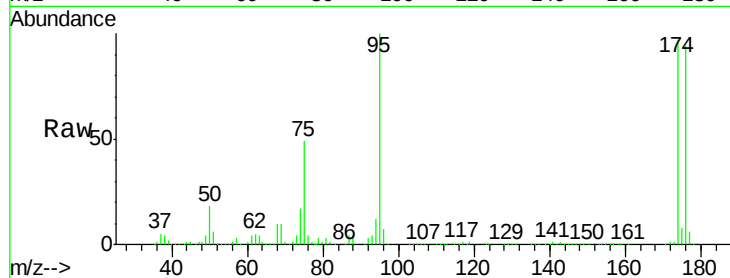
Tot Ion: 95 Resp: 177070

Ion Ratio Lower Upper

95 100

174 99.6 0.0 187.4

176 96.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003242.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003242.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003242.D (-1724) (-)

11.14

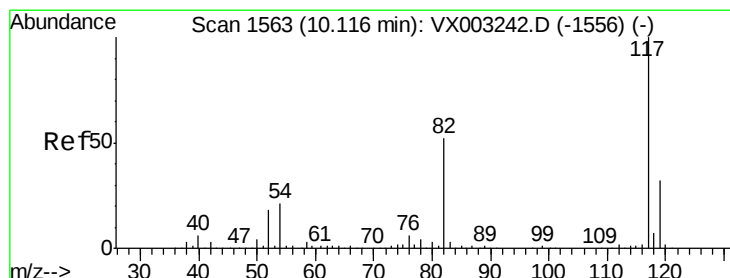
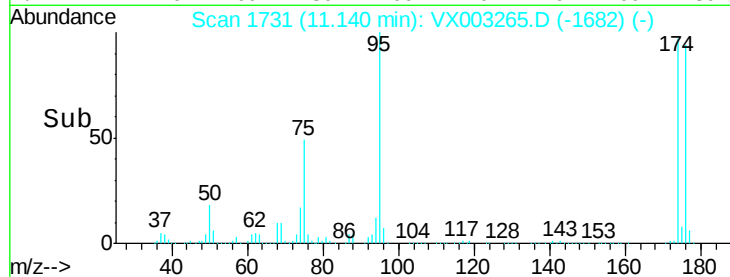
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003265.D

Acq: 10 Jul 2018 00:57

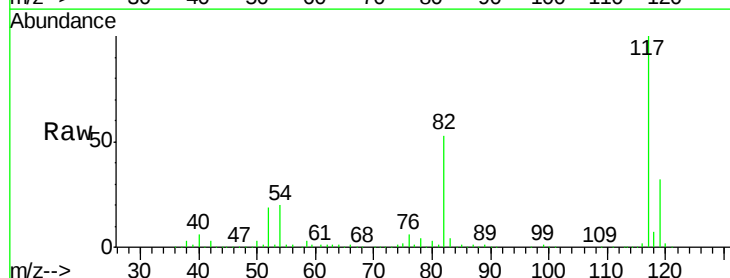
Tgt Ion: 117 Resp: 339726

Ion Ratio Lower Upper

117 100

82 53.5 45.0 67.4

119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX003242.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003242.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003242.D (-1556) (-)

10.12

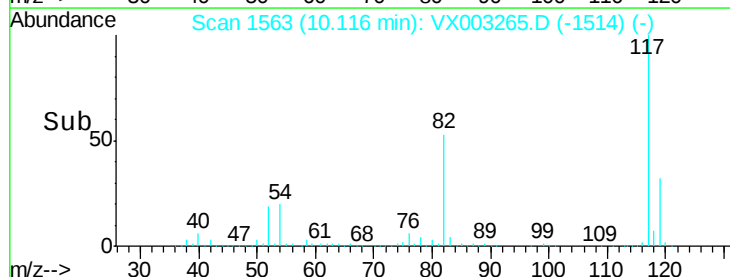
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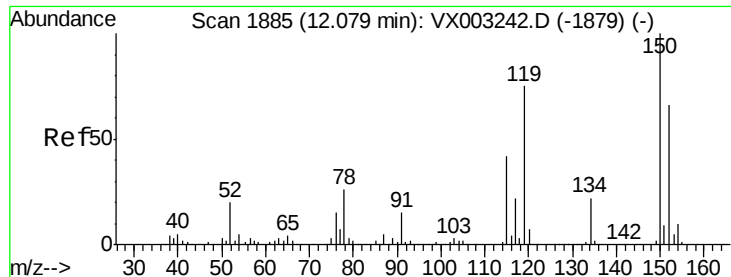
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003265.D

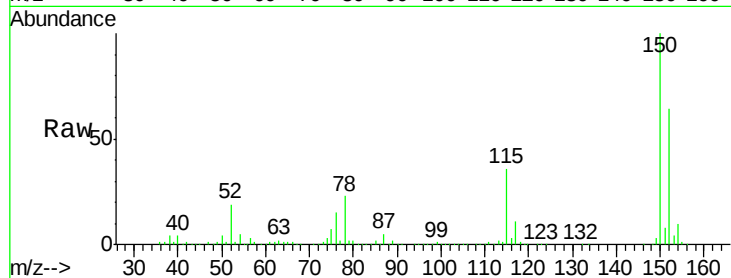
Acq: 10 Jul 2018 00:57

Instrument :

MSVOA_X

ClientSampleId :

PB110911ZHE#11



Tot Ion:152 Resp: 189504

Ion Ratio Lower Upper

152 100

115 53.9 40.1 120.2

150 156.8 0.0 347.2

