

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001347.D
 Acq On : 03 May 2018 05:40
 Operator : JC/MD
 Sample : PB108794ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108794ZHE#06

Quant Time: May 03 06:57:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

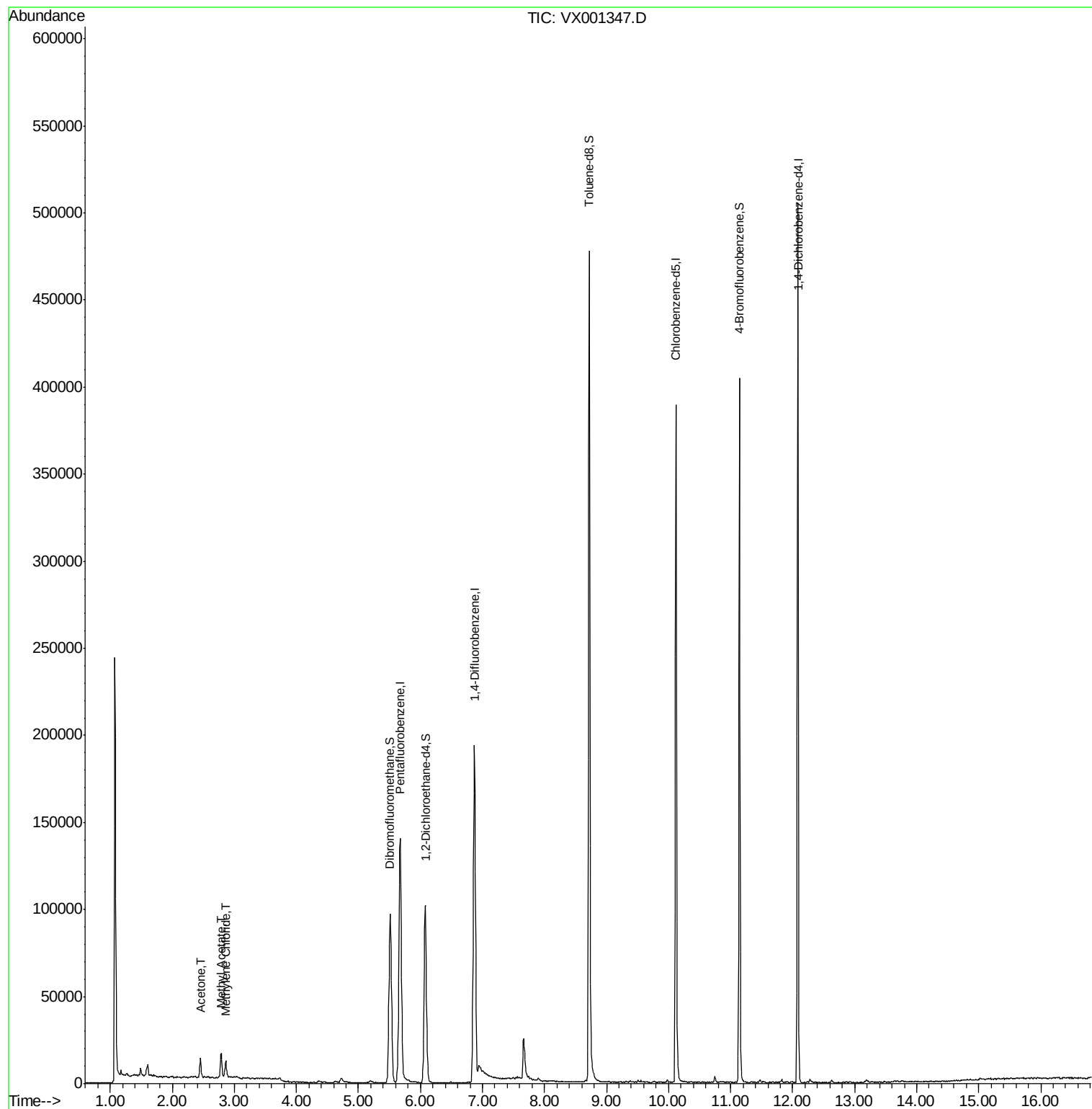
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	151371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	207584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	190161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	104906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	95919	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
35) Dibromofluoromethane	5.51	113	78790	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
50) Toluene-d8	8.72	98	293812	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
62) 4-Bromofluorobenzene	11.14	95	95828	37.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.00%	
Target Compounds						
16) Acetone	2.45	43	11527	12.89	ug/l	93
18) Methyl Acetate	2.79	43	17270	8.18	ug/l	98
20) Methylene Chloride	2.86	84	4167	1.02	ug/l	97

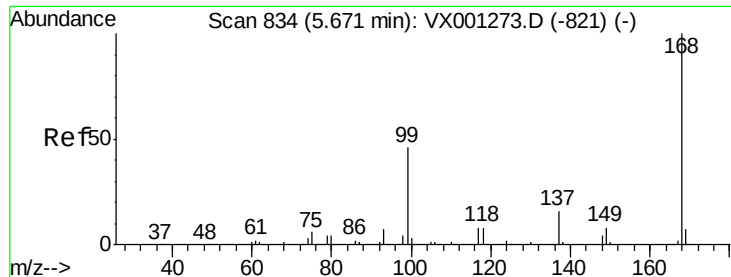
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001347.D

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Instrument :

MSVOA_X

ClientSampleId :

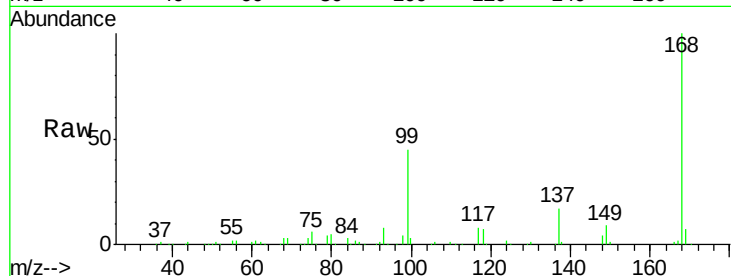
PB108794ZHE#06

Tot Ion:168 Resp: 151371

Ion Ratio Lower Upper

168 100

99 45.3 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

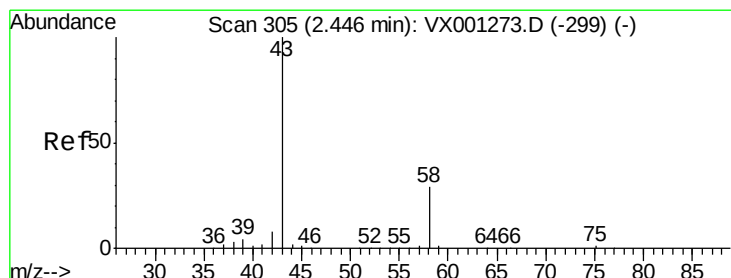
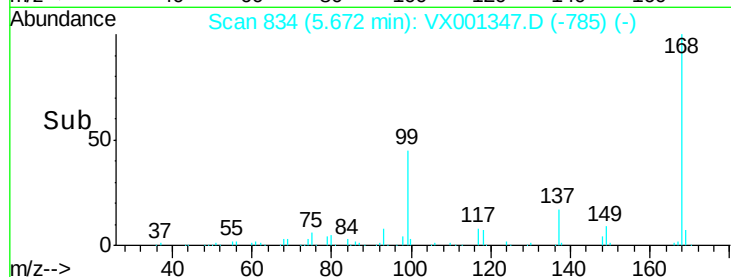
20000

10000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 12.89 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001347.D

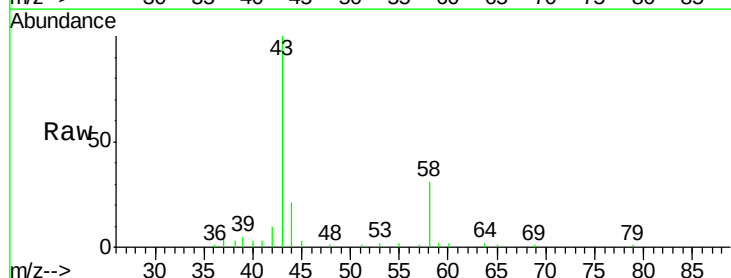
Acq: 03 May 2018 05:40

Tgt Ion: 43 Resp: 11527

Ion Ratio Lower Upper

43 100

58 32.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

6000

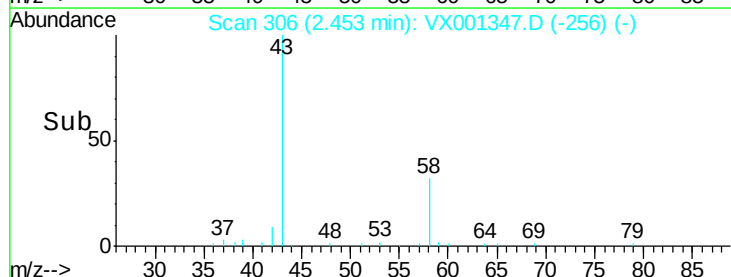
4000

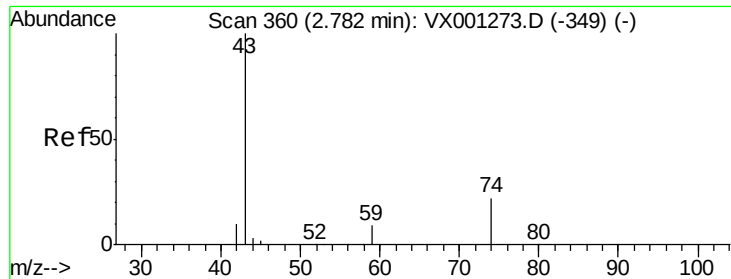
2000

0

Time-->

2.40 2.45 2.50 2.55

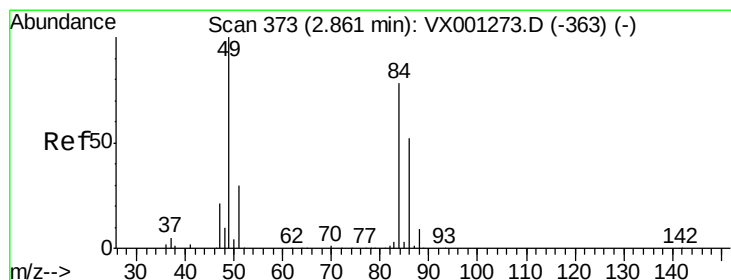
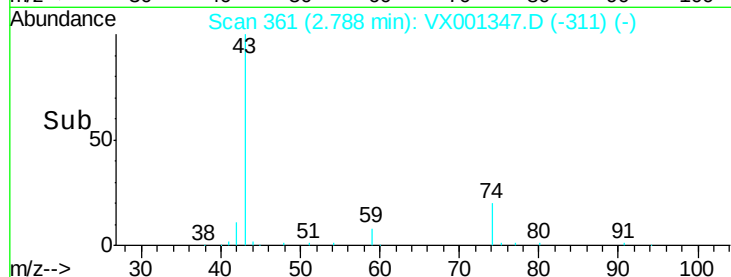
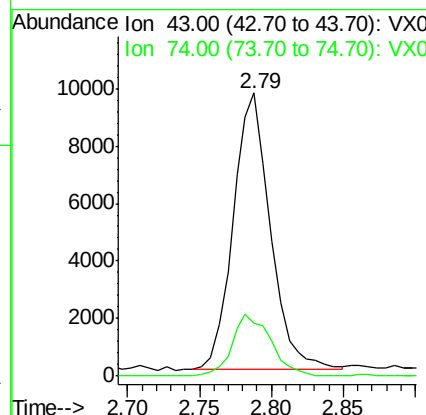
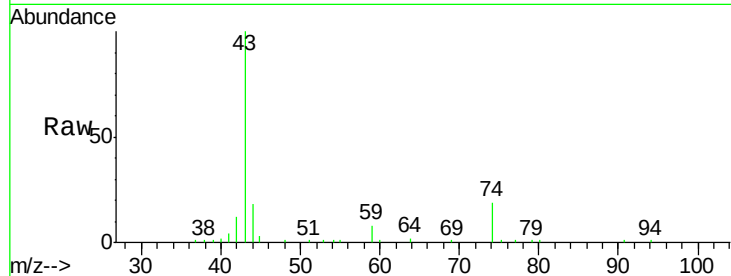




#18
Methyl Acetate
Concen: 8.18 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001347.D
Acq: 03 May 2018 05:40

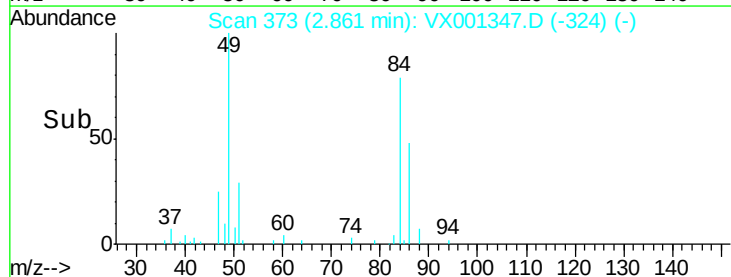
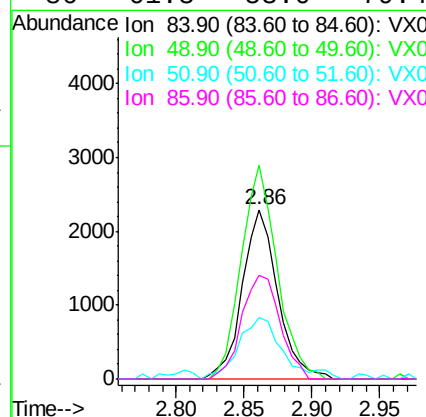
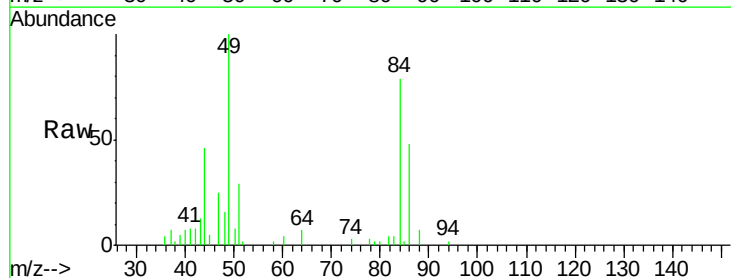
Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#06

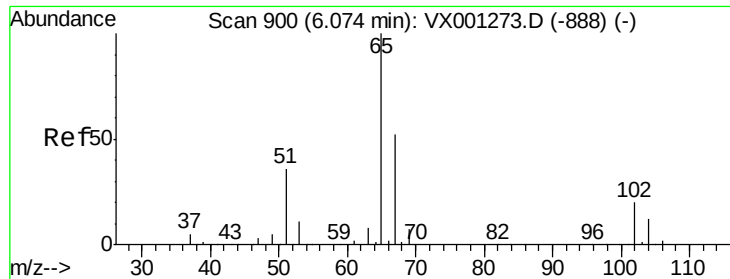
Tot Ion: 43 Resp: 17270
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.6



#20
Methylene Chloride
Concen: 1.02 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001347.D
Acq: 03 May 2018 05:40

Tgt Ion: 84 Resp: 4167
Ion Ratio Lower Upper
84 100
49 126.3 102.8 154.2
51 36.2 30.9 46.3
86 61.3 53.0 79.4

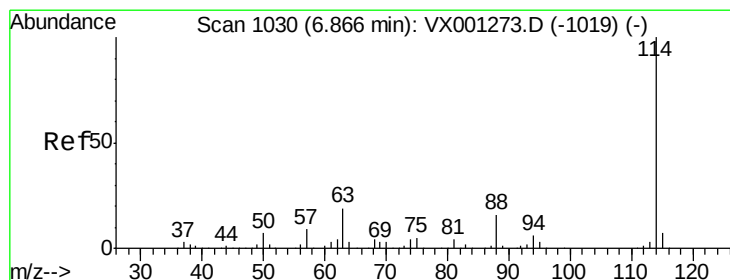
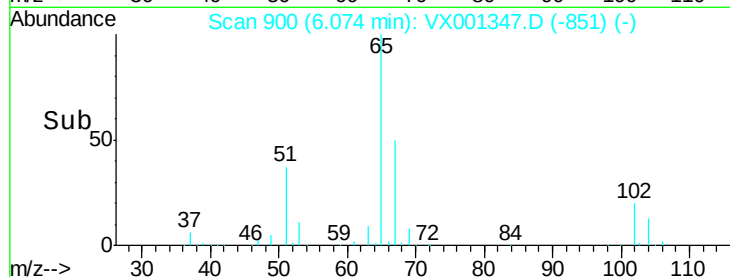
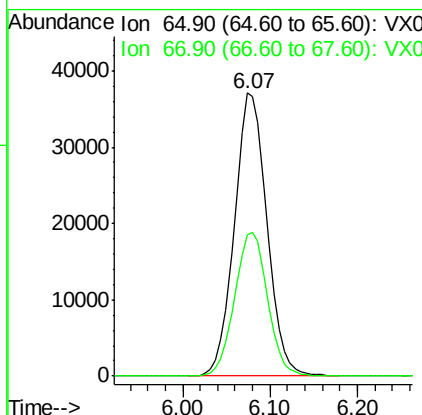
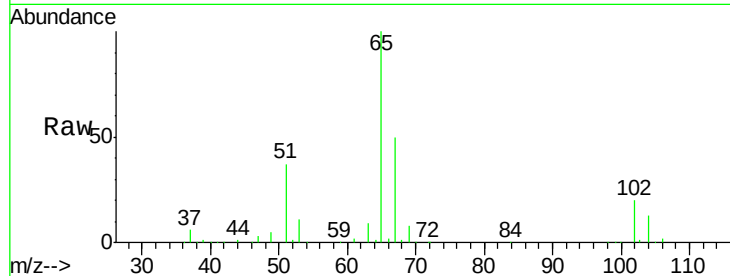




#33
 1,2-Dichloroethane-d4
 Concen: 45.78 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001347.D
 Acq: 03 May 2018 05:40

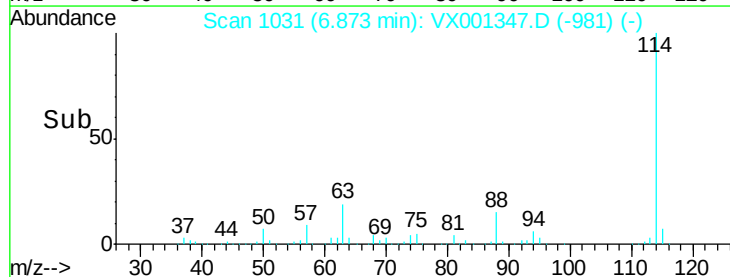
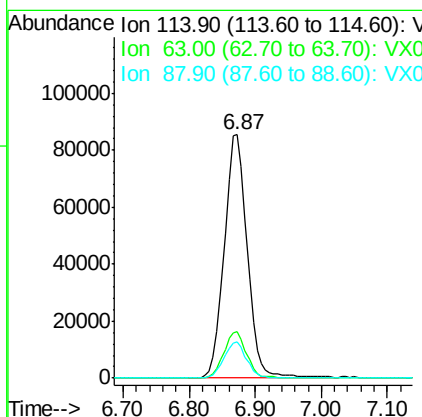
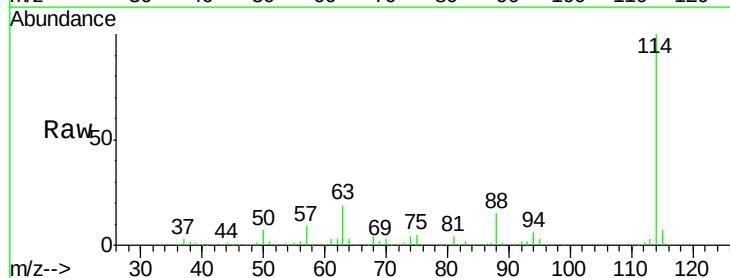
Instrument :
 MSVOA_X
 ClientSampleId :
 PB108794ZHE#06

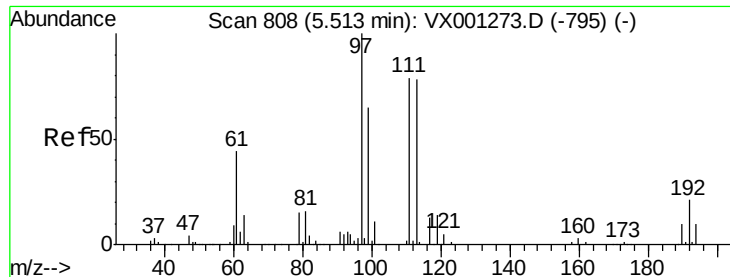
Tot Ion: 65 Resp: 95919
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001347.D
 Acq: 03 May 2018 05:40

Tgt Ion: 114 Resp: 207584
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 14.8 0.0 32.2

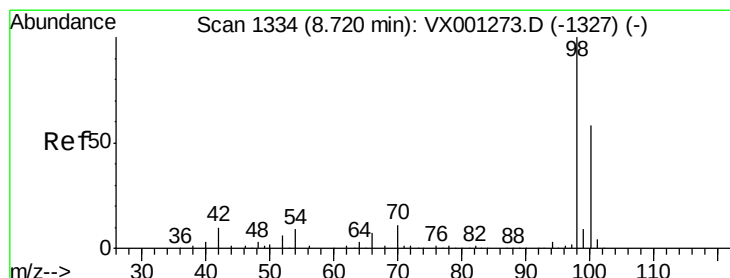
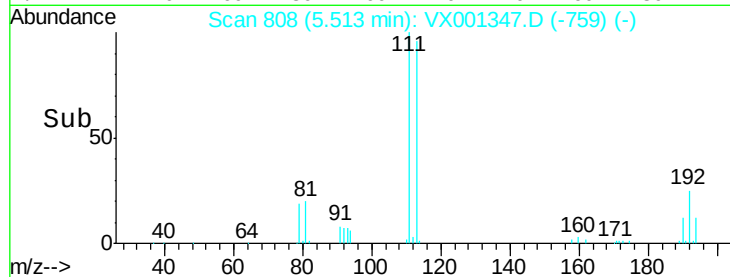
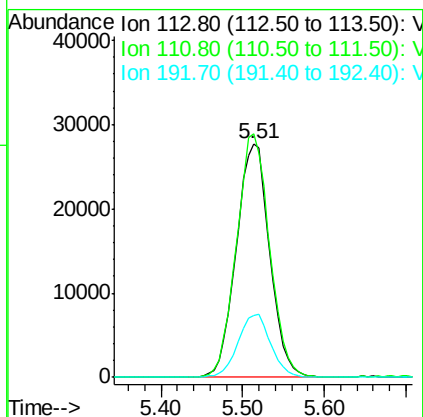
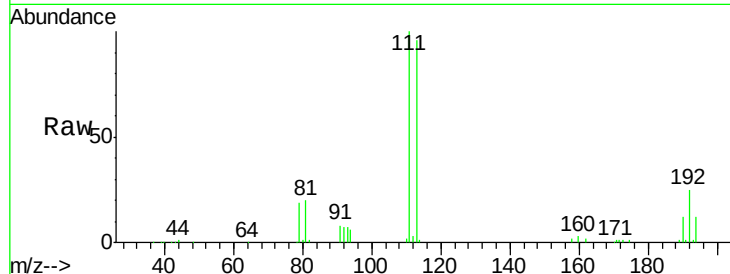




#35
 Dibromofluoromethane
 Concen: 44.06 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001347.D
 Acq: 03 May 2018 05:40

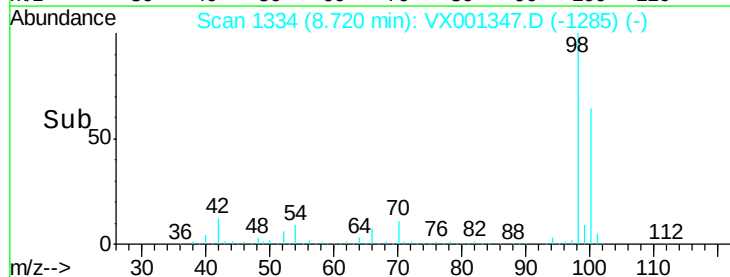
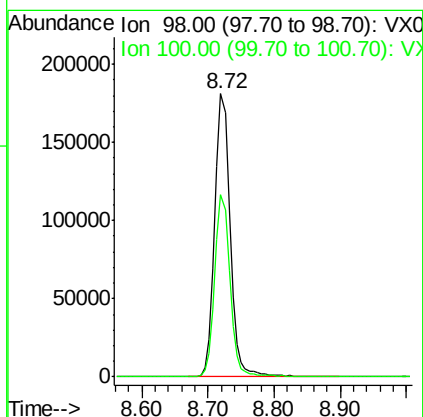
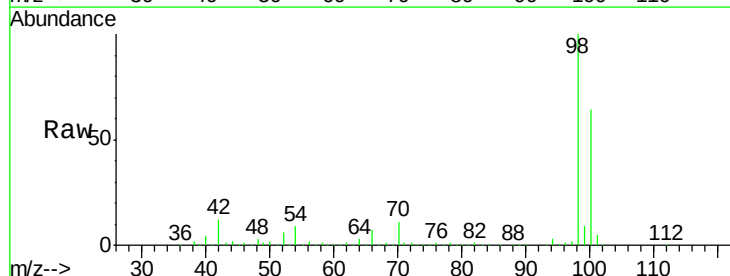
Instrument :
 MSVOA_X
 ClientSampleId :
 PB108794ZHE#06

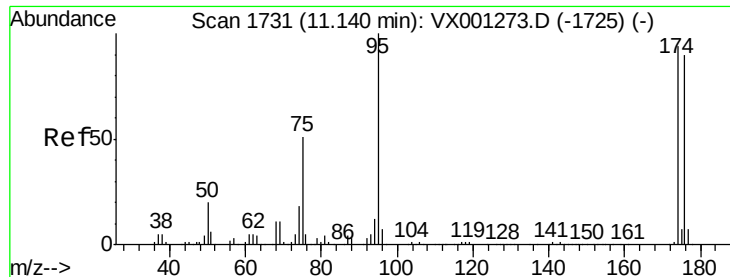
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.2	121.8
192	26.5	20.7	31.1



#50
 Toluene-d8
 Concen: 45.99 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001347.D
 Acq: 03 May 2018 05:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.4

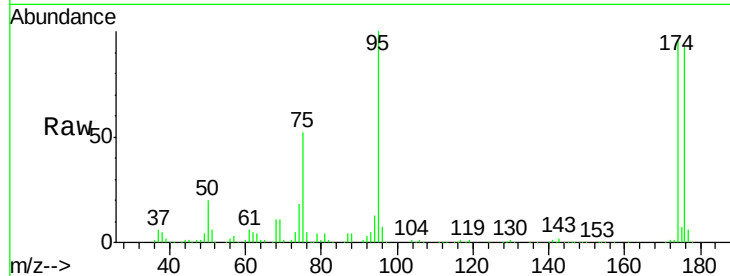




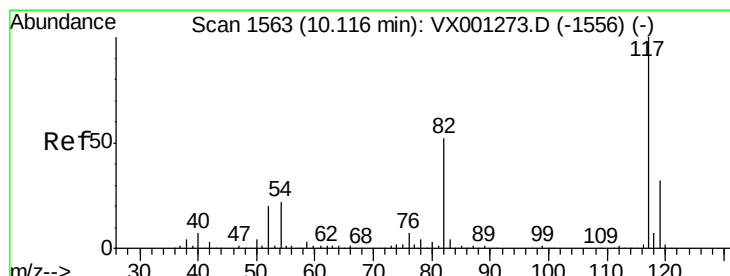
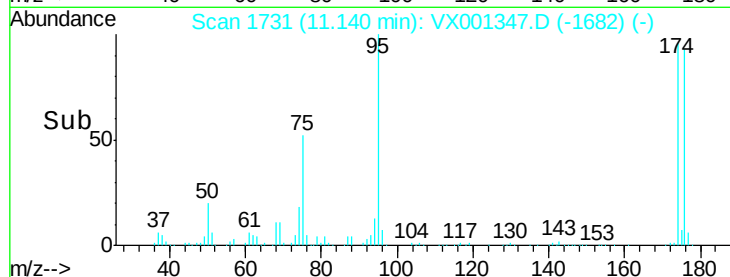
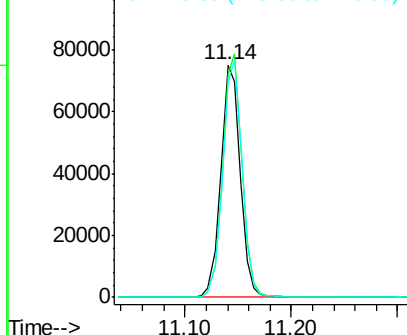
#62
4-Bromofluorobenzene
Concen: 37.50 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001347.D
Acq: 03 May 2018 05:40

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#06

Tot Ion: 95 Resp: 95828
Ion Ratio Lower Upper
95 100
174 104.4 0.0 201.8
176 102.0 0.0 197.2

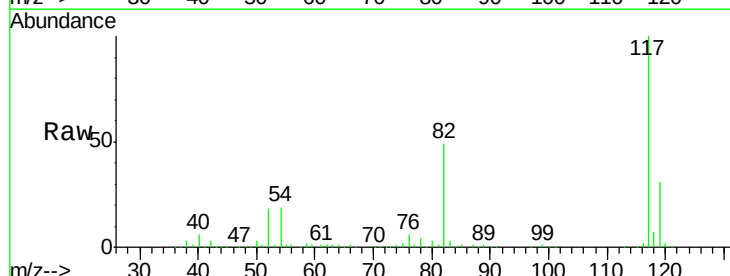


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

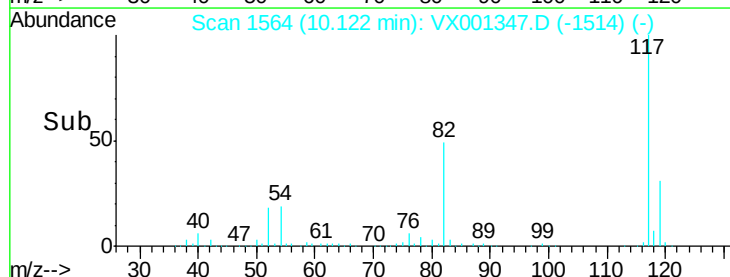
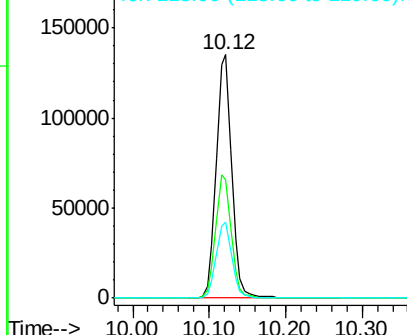


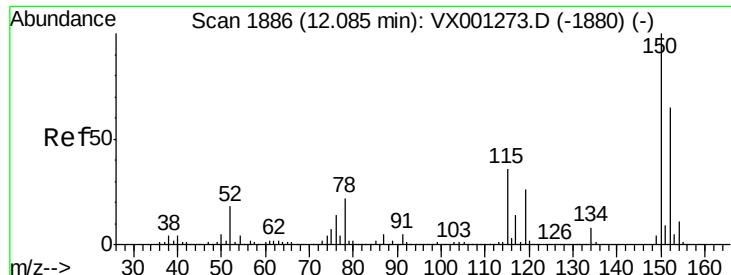
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001347.D
Acq: 03 May 2018 05:40

Tgt Ion: 117 Resp: 190161
Ion Ratio Lower Upper
117 100
82 48.6 41.4 62.0
119 31.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001347.D

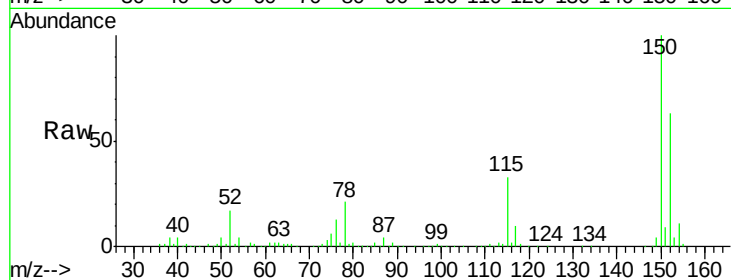
Acq: 03 May 2018 05:40

Instrument :

MSVOA_X

ClientSampleId :

PB108794ZHE#06



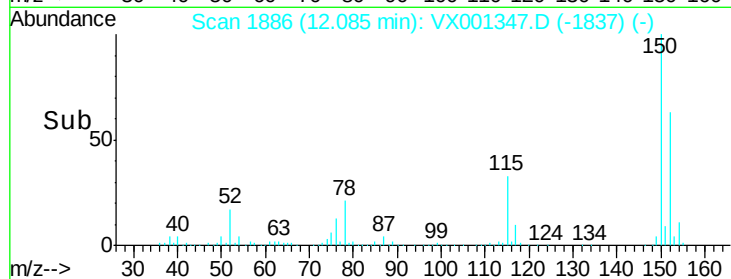
Tot Ion:152 Resp: 104906

Ion Ratio Lower Upper

152 100

115 52.3 38.6 115.7

150 156.8 0.0 349.2



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

