

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001335.D
 Acq On : 03 May 2018 00:18
 Operator : JC/MD
 Sample : PB108794ZHE#14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108794ZHE#14

Quant Time: May 03 06:54:36 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

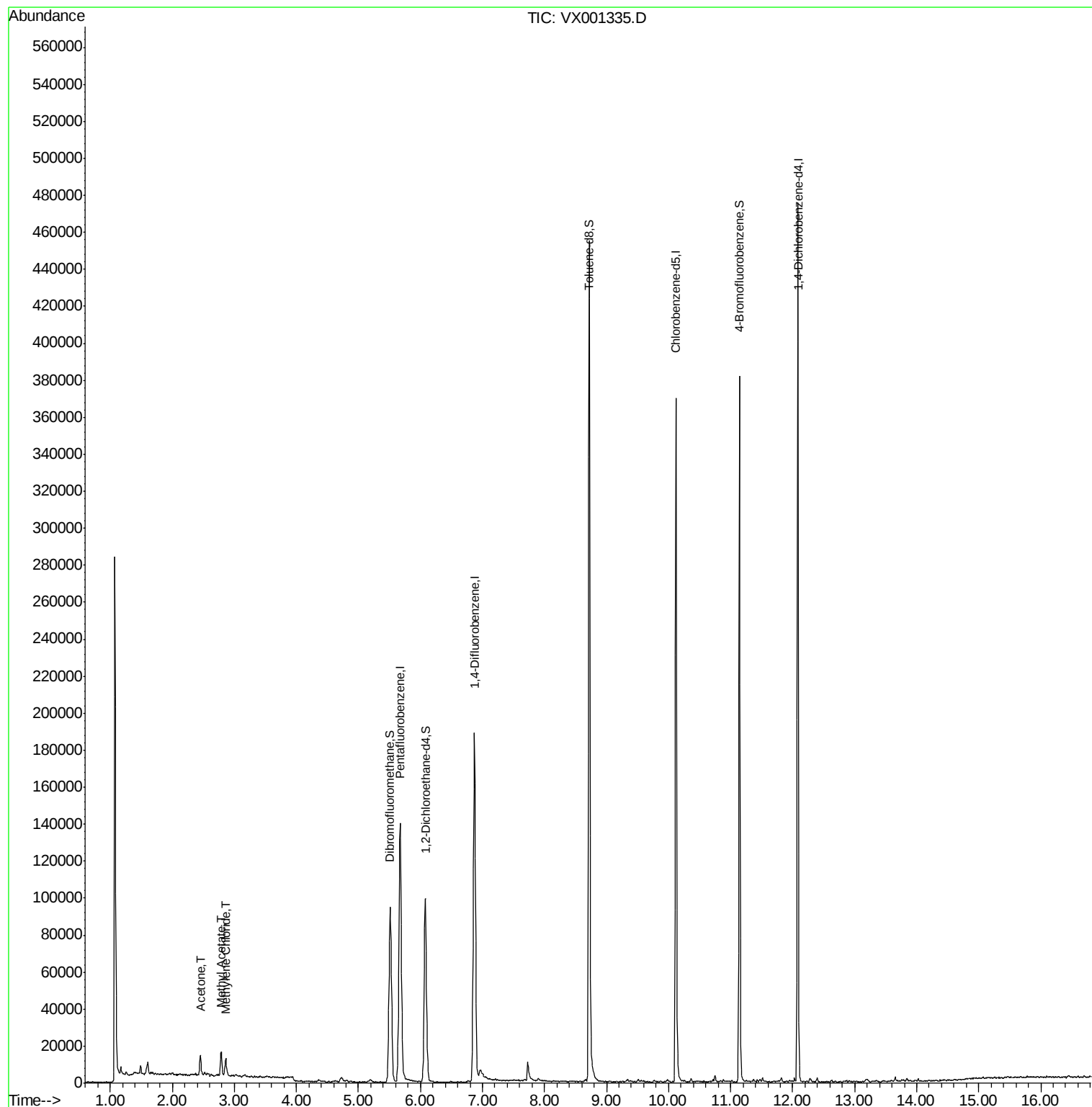
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	179112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	101519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	92349	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
35) Dibromofluoromethane	5.51	113	76501	44.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.34%	
50) Toluene-d8	8.72	98	282185	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
62) 4-Bromofluorobenzene	11.14	95	91727	37.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.14%	
Target Compounds						
16) Acetone	2.45	43	12499	14.06	ug/l	97
18) Methyl Acetate	2.78	43	15238	7.26	ug/l	95
20) Methylene Chloride	2.86	84	4232	1.08	ug/l	99

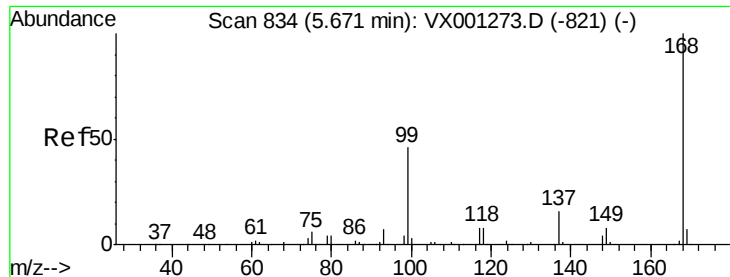
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001335.D

Acq: 03 May 2018 00:18

Instrument :

MSVOA_X

ClientSampleId :

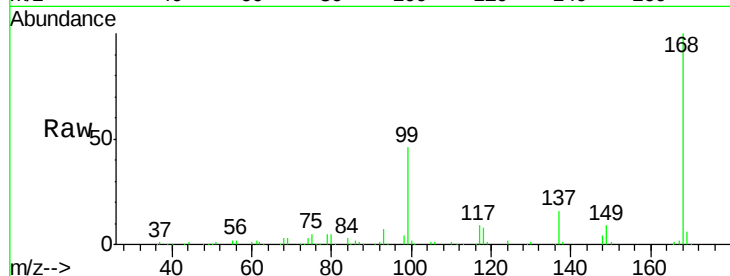
PB108794ZHE#14

Tot Ion:168 Resp: 150463

Ion Ratio Lower Upper

168 100

99 45.5 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

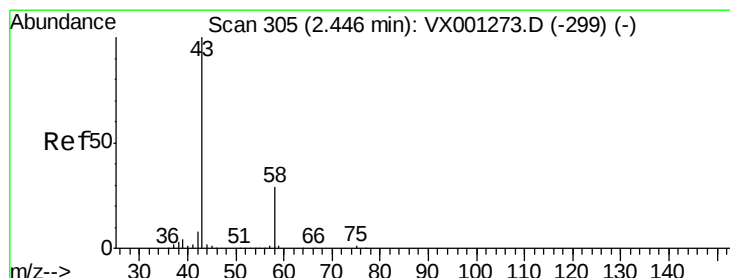
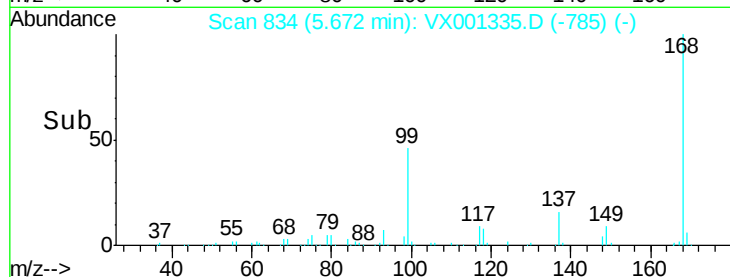
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.06 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001335.D

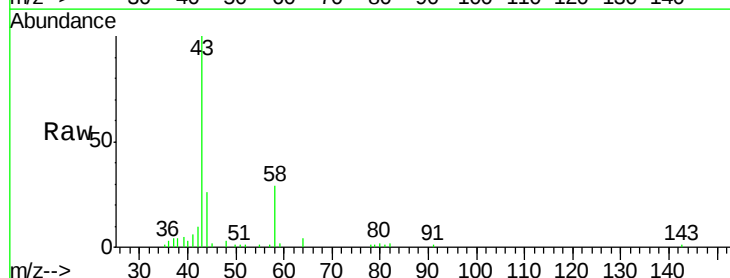
Acq: 03 May 2018 00:18

Tgt Ion: 43 Resp: 12499

Ion Ratio Lower Upper

43 100

58 29.8 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

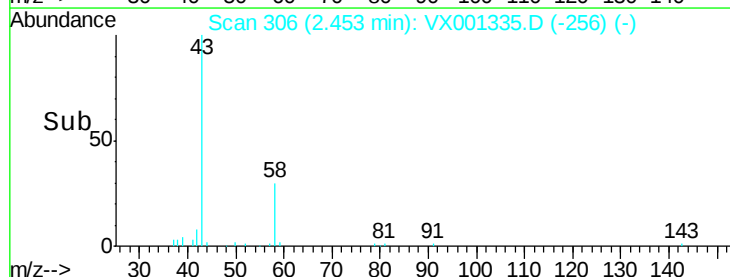
6000

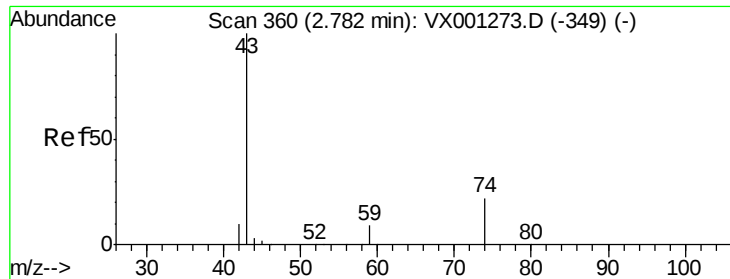
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

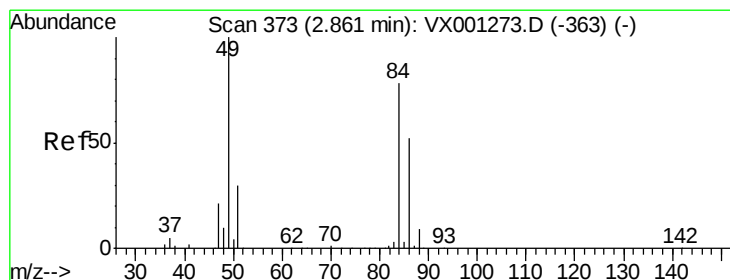
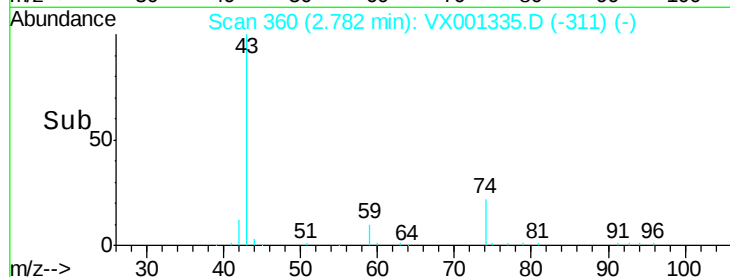
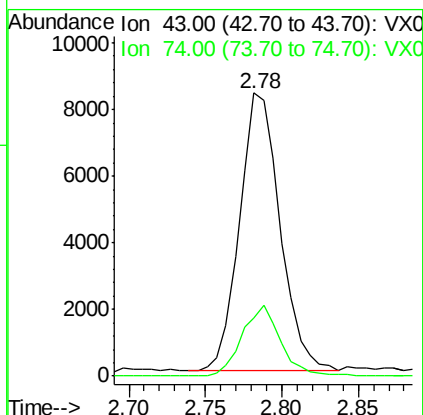
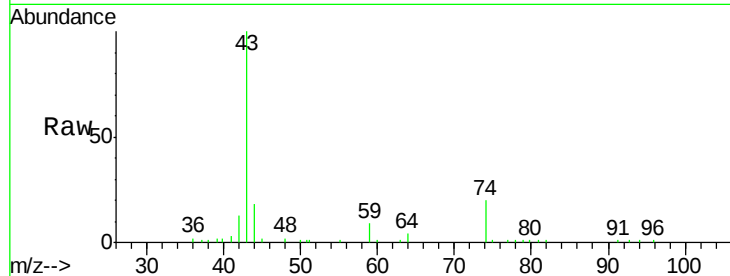




#18
Methyl Acetate
Concen: 7.26 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001335.D
Acq: 03 May 2018 00:18

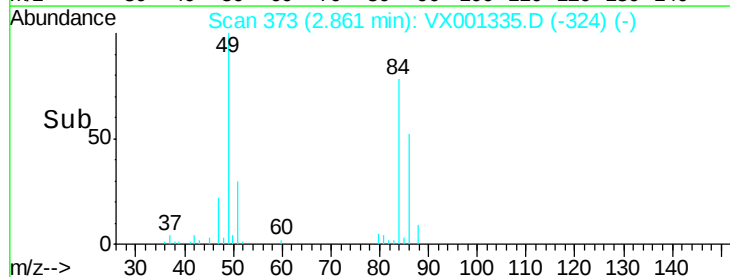
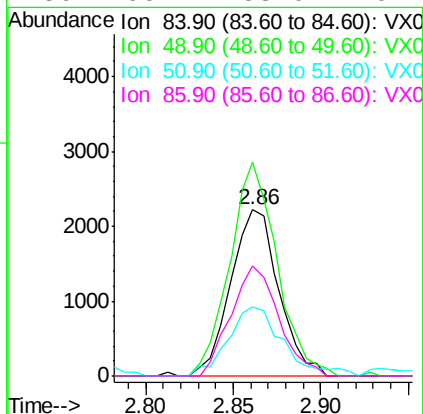
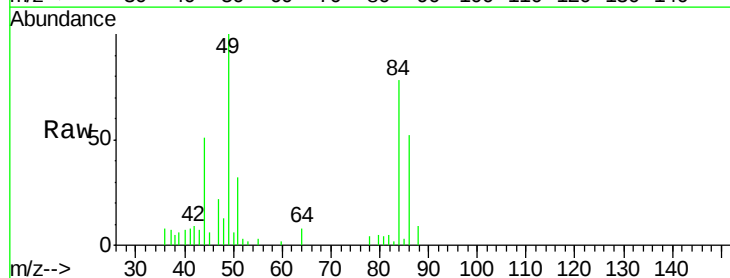
Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#14

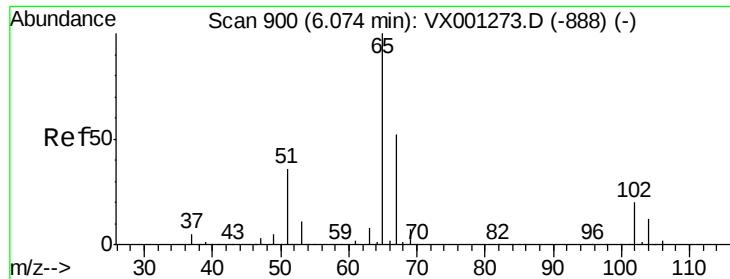
Tot Ion: 43 Resp: 15238
Ion Ratio Lower Upper
43 100
74 24.6 17.8 26.6



#20
Methylene Chloride
Concen: 1.08 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001335.D
Acq: 03 May 2018 00:18

Tgt Ion: 84 Resp: 4232
Ion Ratio Lower Upper
84 100
49 128.8 102.8 154.2
51 41.3 30.9 46.3
86 66.7 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 44.34 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001335.D

Acq: 03 May 2018 00:18

Instrument :

MSVOA_X

ClientSampleId :

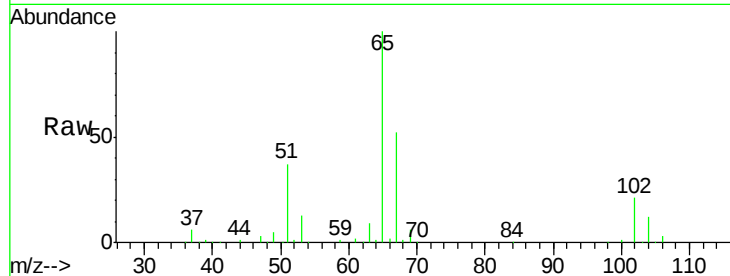
PB108794ZHE#14

Tot Ion: 65 Resp: 92349

Ion Ratio Lower Upper

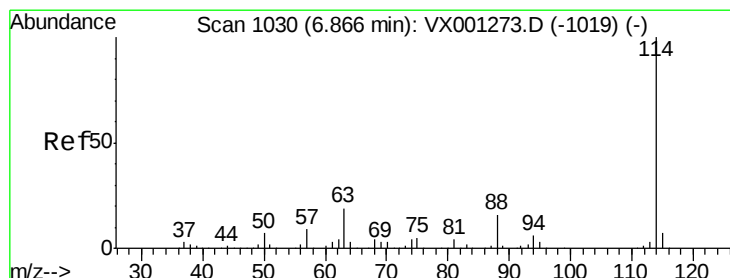
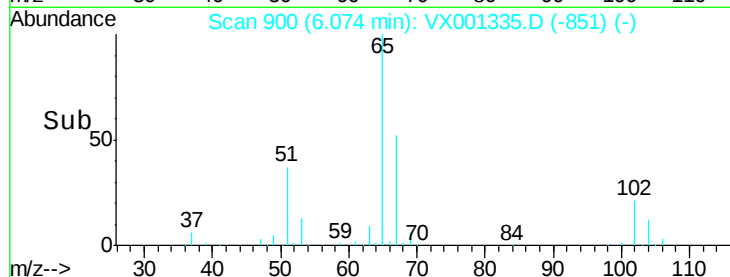
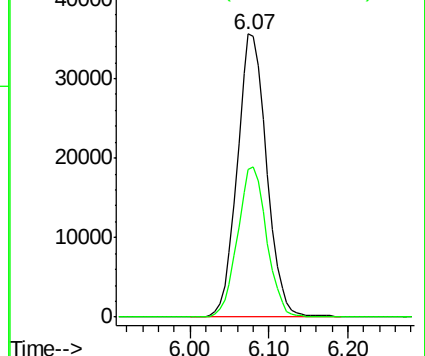
65 100

67 52.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001335.D

Acq: 03 May 2018 00:18

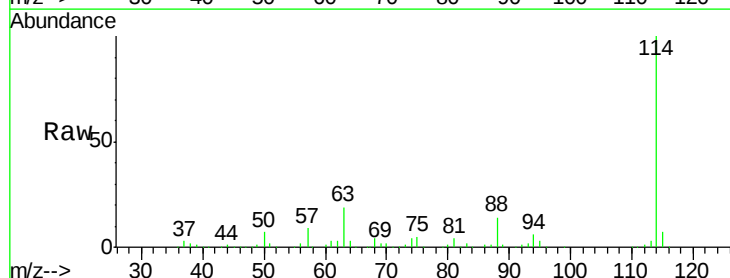
Tgt Ion: 114 Resp: 201039

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.8

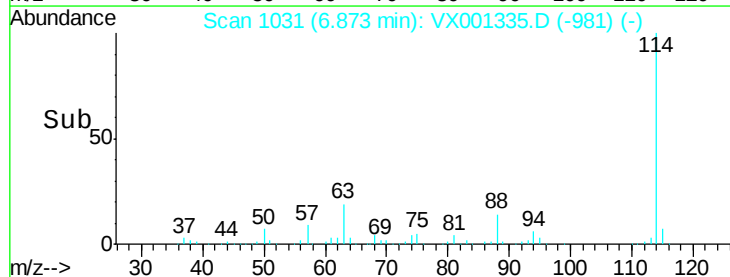
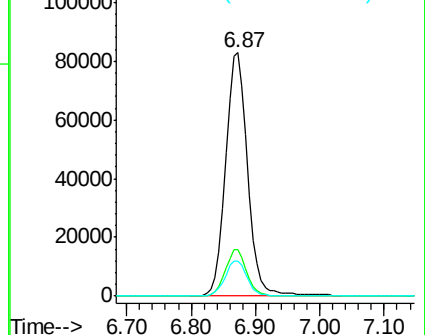
88 14.5 0.0 32.2

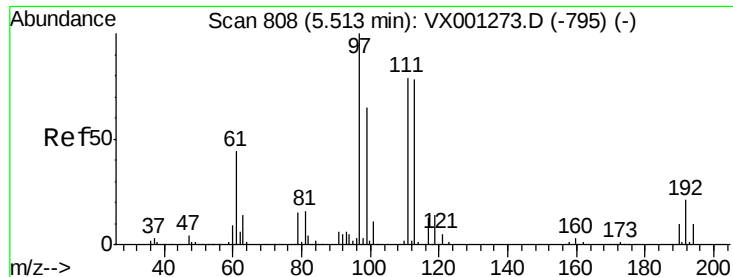


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

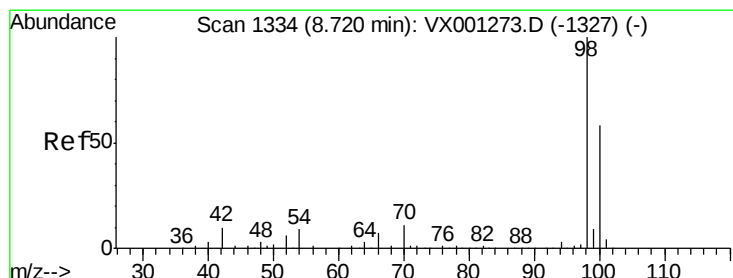
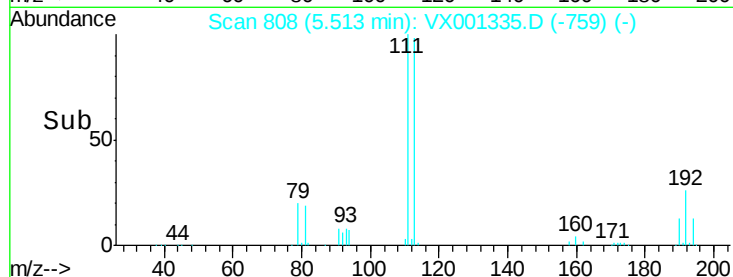
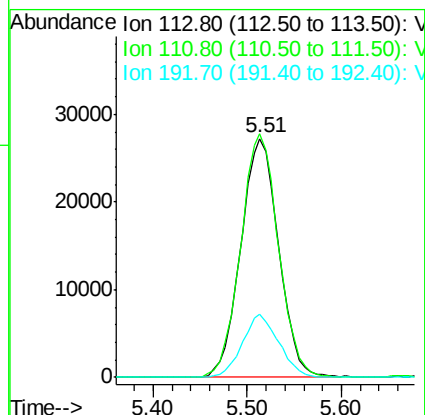
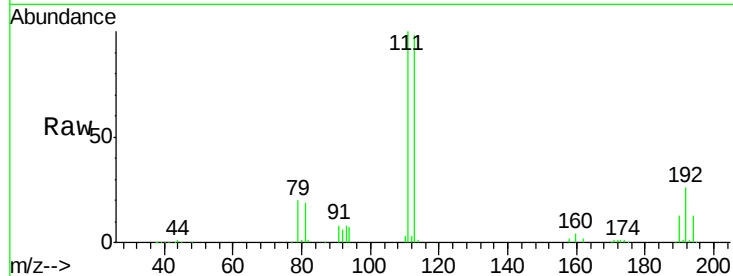




#35
 Dibromofluoromethane
 Concen: 44.17 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001335.D
 Acq: 03 May 2018 00:18

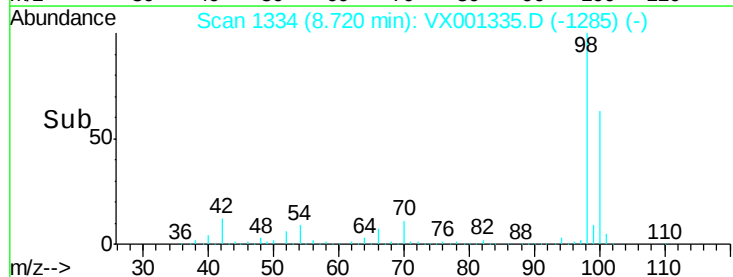
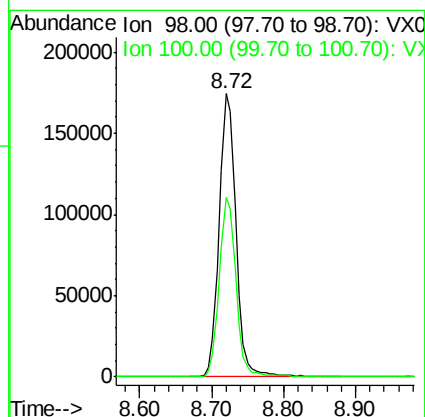
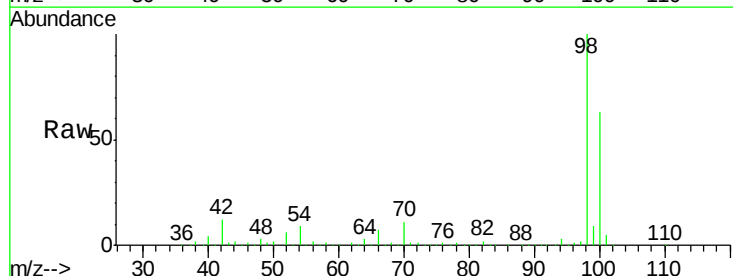
Instrument :
 MSVOA_X
 ClientSampleId :
 PB108794ZHE#14

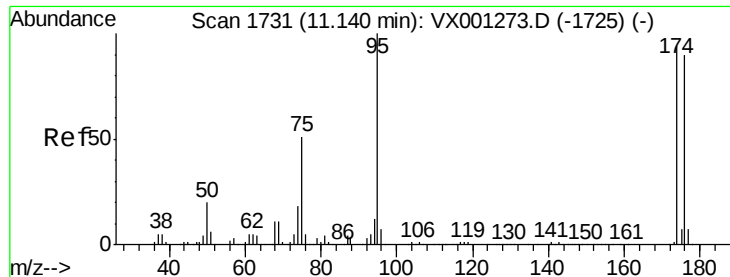
Tot Ion:113 Resp: 76501
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.2 121.8
 192 25.4 20.7 31.1



#50
 Toluene-d8
 Concen: 45.60 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001335.D
 Acq: 03 May 2018 00:18

Tgt Ion: 98 Resp: 282185
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.0 76.4

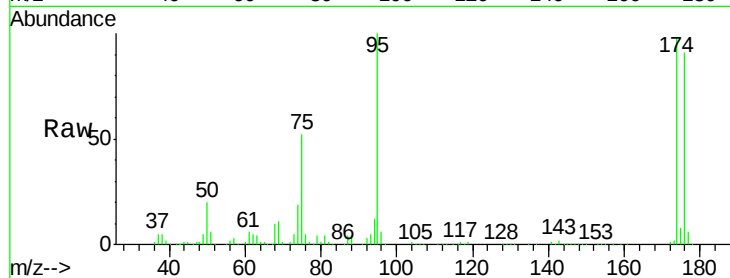




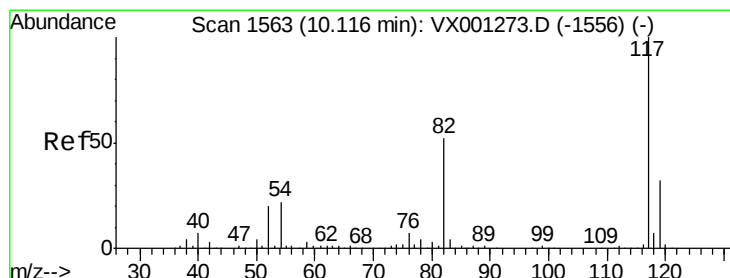
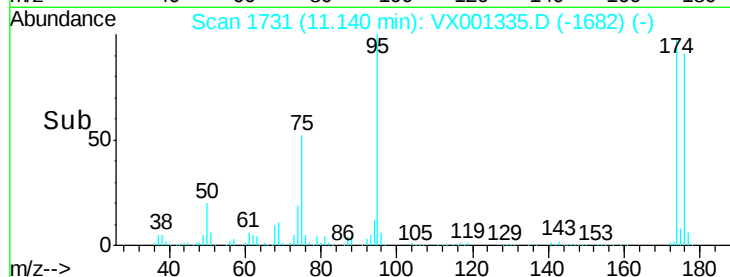
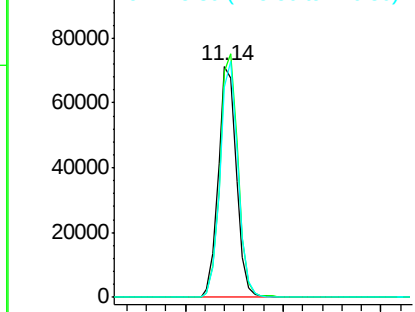
#62
4-Bromofluorobenzene
Concen: 37.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001335.D
Acq: 03 May 2018 00:18

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#14

Tot Ion: 95 Resp: 91727
Ion Ratio Lower Upper
95 100
174 104.9 0.0 201.8
176 100.5 0.0 197.2

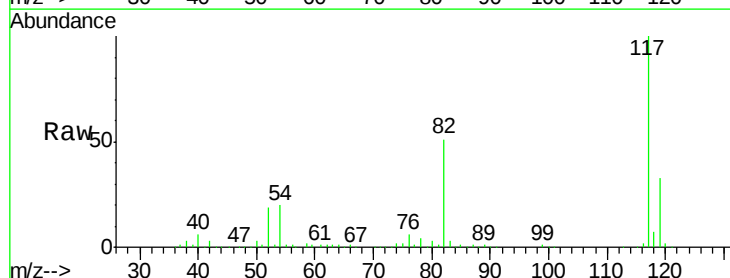


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

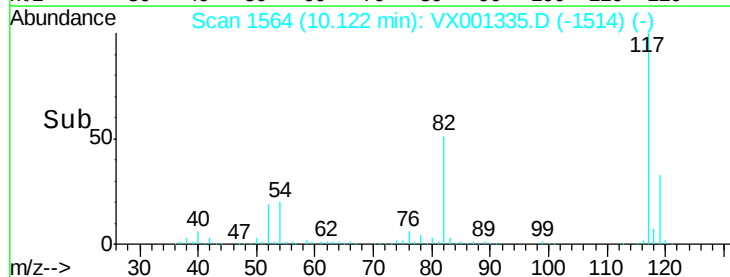
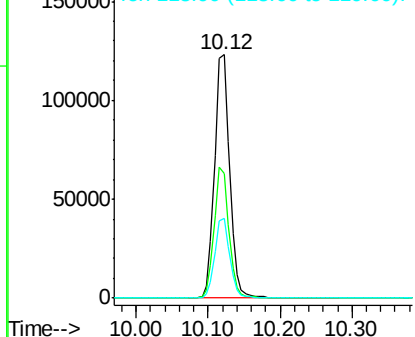


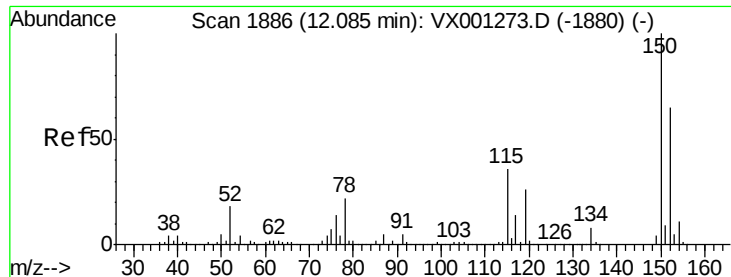
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001335.D
Acq: 03 May 2018 00:18

Tgt Ion: 117 Resp: 179112
Ion Ratio Lower Upper
117 100
82 51.0 41.4 62.0
119 32.9 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: VX001335.D

Acq: 03 May 2018 00:18

Instrument :

MSVOA_X

ClientSampleId :

PB108794ZHE#14

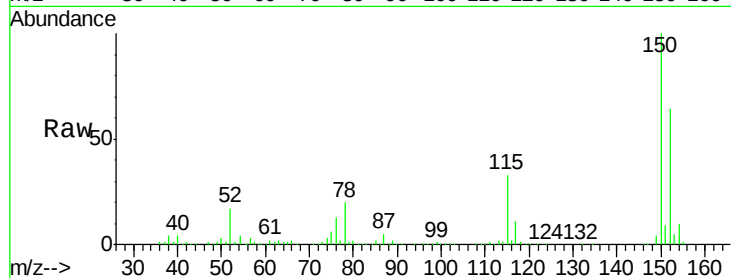
Tot Ion:152 Resp: 101519

Ion Ratio Lower Upper

152 100

115 52.6 38.6 115.7

150 155.4 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

