

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001338.D
 Acq On : 03 May 2018 01:38
 Operator : JC/MD
 Sample : PB108794ZHE#17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108794ZHE#17

Quant Time: May 03 06:46:53 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

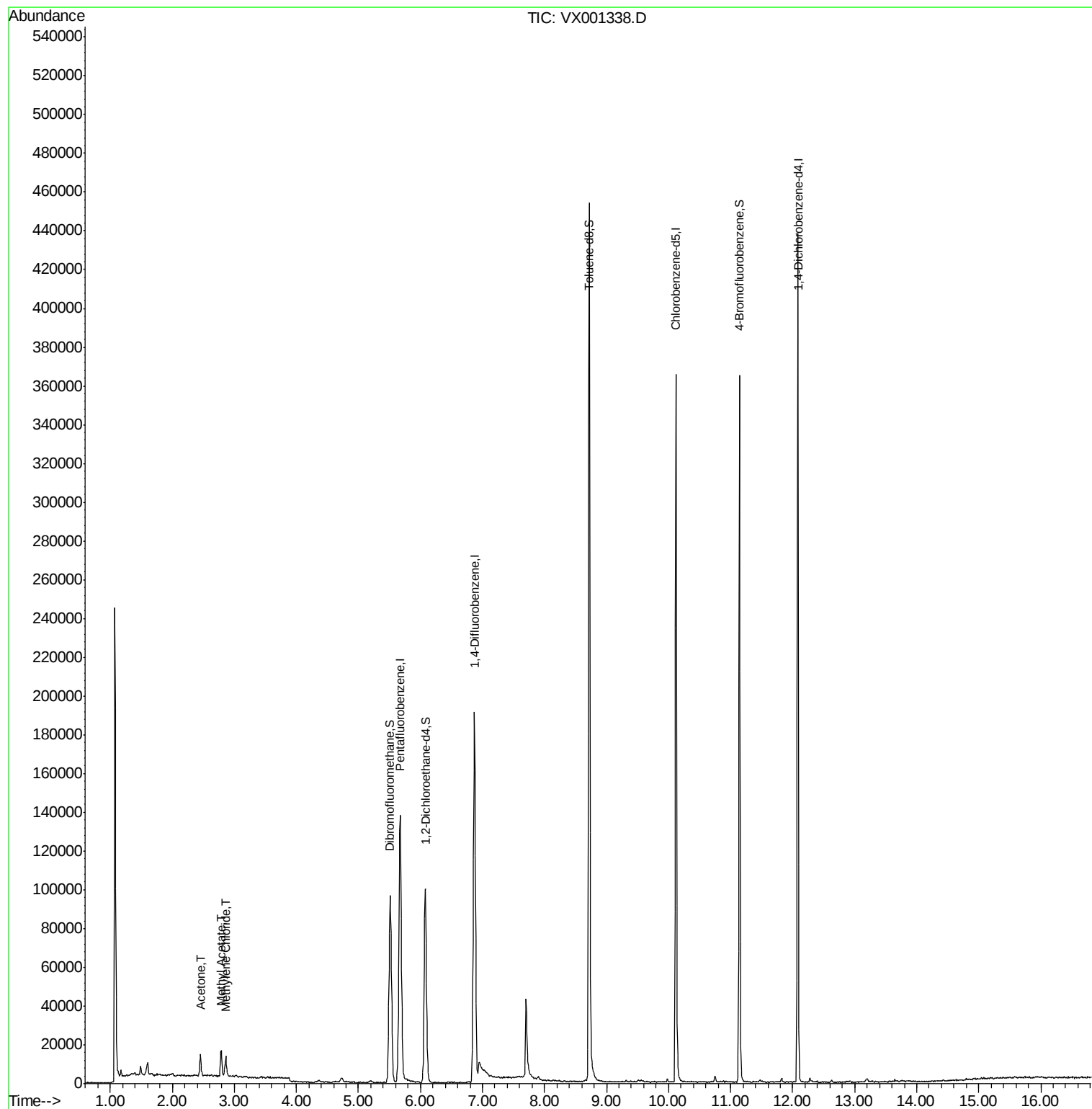
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	149104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	199960	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	175553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	94839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	93757	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
35) Dibromofluoromethane	5.51	113	76366	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
50) Toluene-d8	8.72	98	280923	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
62) 4-Bromofluorobenzene	11.15	95	87864	35.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.40%	
Target Compounds						
16) Acetone	2.45	43	11670	13.25	ug/l	97
18) Methyl Acetate	2.79	43	16930	8.14	ug/l	99
20) Methylene Chloride	2.86	84	4526	1.30	ug/l	96

(#) = 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: VX001338.D

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Instrument :

MSVOA_X

ClientSampleId :

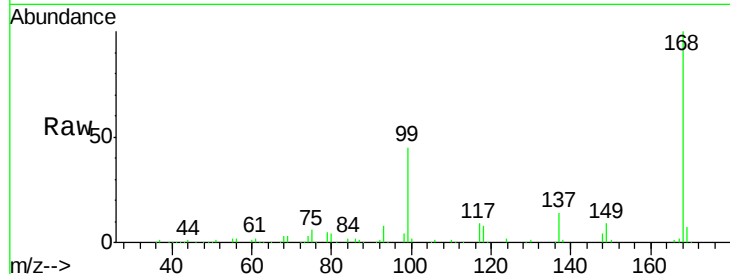
PB108794ZHE#17

Tot Ion:168 Resp: 149104

Ion Ratio Lower Upper

168 100

99 45.0 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

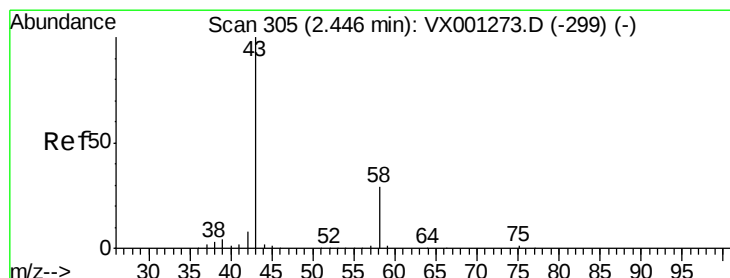
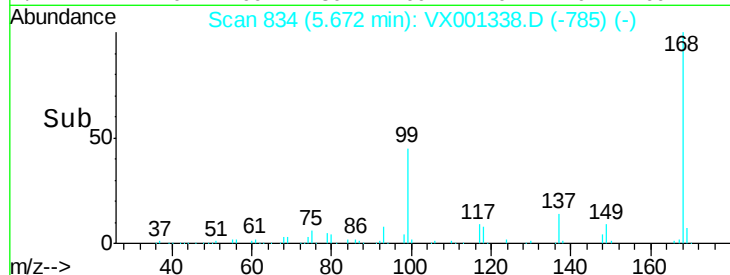
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.25 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001338.D

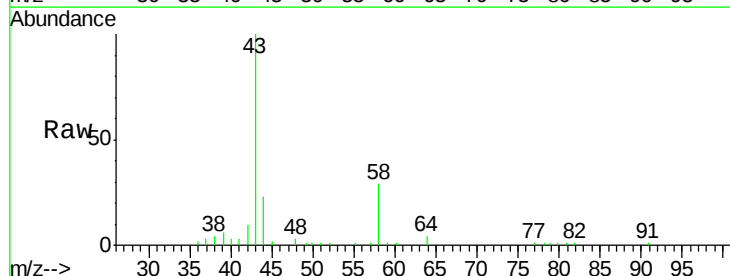
Acq: 03 May 2018 01:38

Tgt Ion: 43 Resp: 11670

Ion Ratio Lower Upper

43 100

58 30.1 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

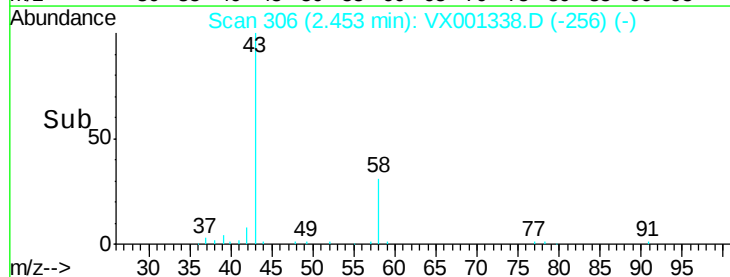
6000

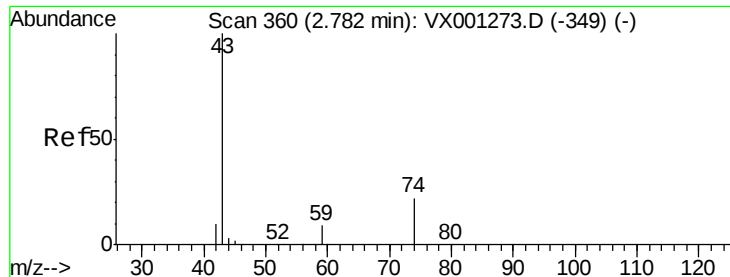
4000

2000

0

Time--> 2.40 2.45 2.50

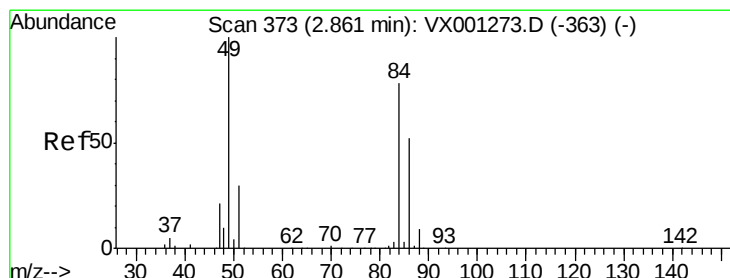
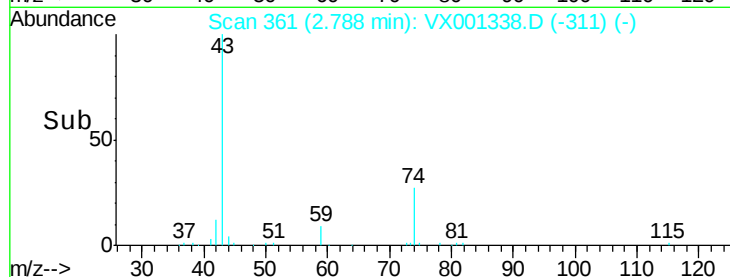
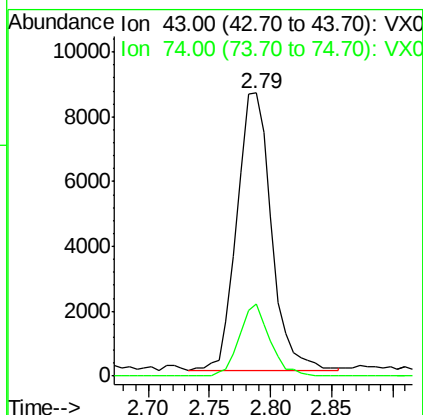
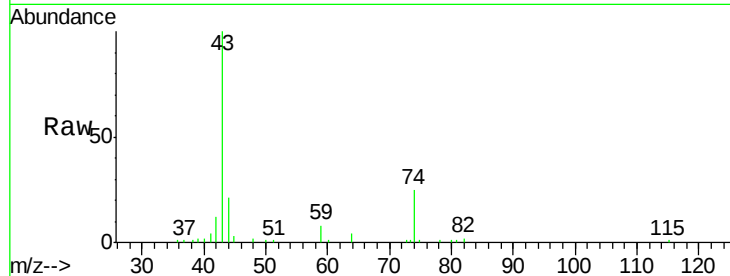




#18
Methvl Acetate
Concen: 8.14 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001338.D
Acq: 03 May 2018 01:38

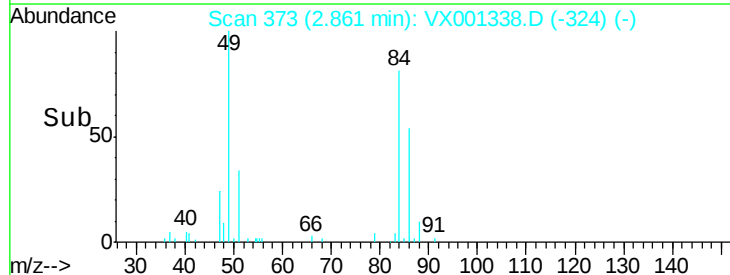
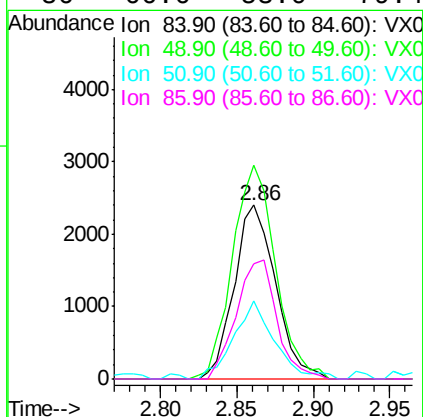
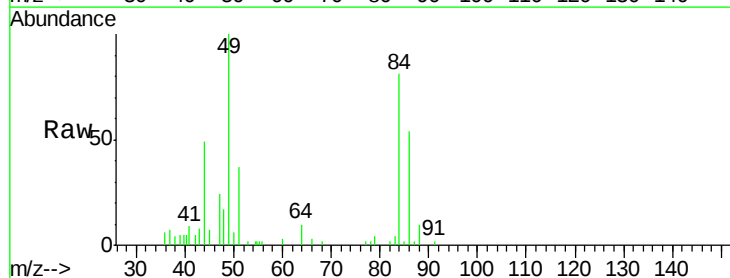
Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#17

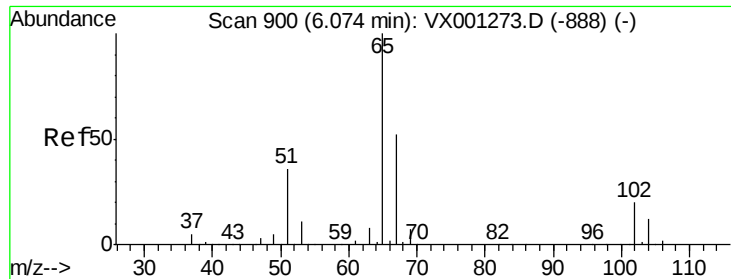
Tot Ion: 43 Resp: 16930
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.6



#20
Methylene Chloride
Concen: 1.30 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001338.D
Acq: 03 May 2018 01:38

Tgt Ion: 84 Resp: 4526
Ion Ratio Lower Upper
84 100
49 123.1 102.8 154.2
51 45.0 30.9 46.3
86 66.6 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 45.43 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001338.D

Acq: 03 May 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

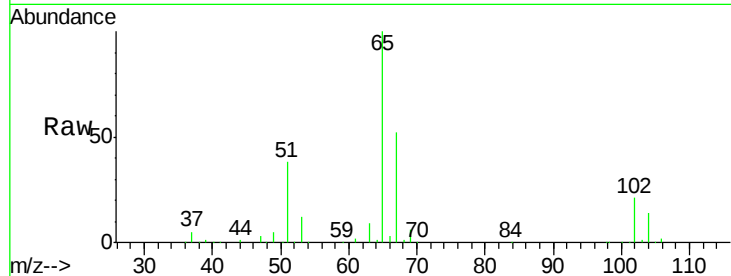
PB108794ZHE#17

Tot Ion: 65 Resp: 93757

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

40000

30000

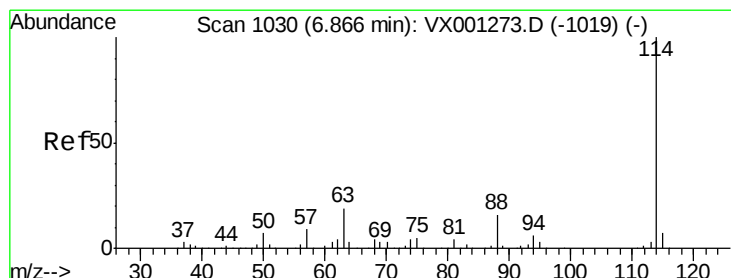
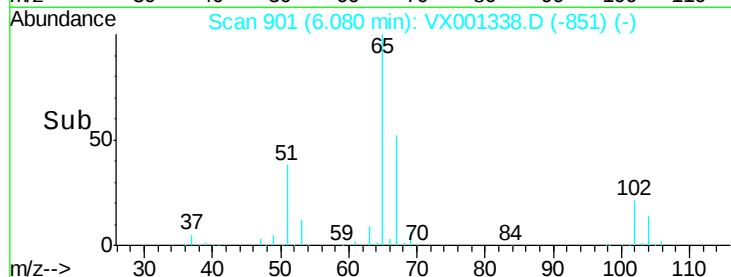
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001338.D

Acq: 03 May 2018 01:38

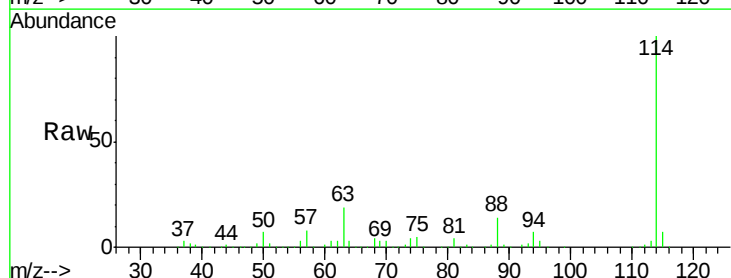
Tgt Ion: 114 Resp: 199960

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

88 13.9 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

6.87

100000

80000

60000

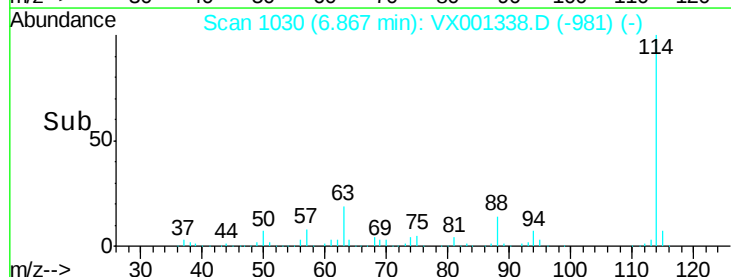
40000

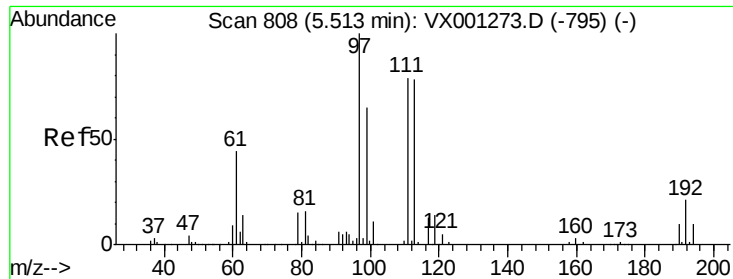
20000

0

6.70 6.80 6.90 7.00

Time-->

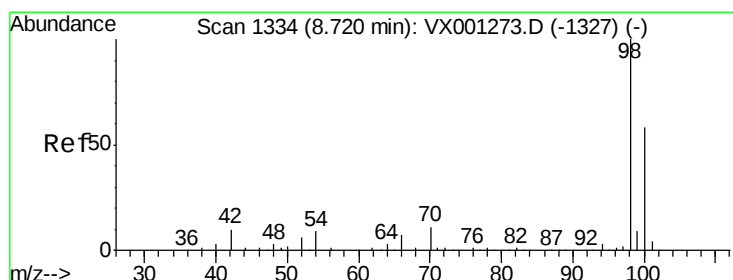
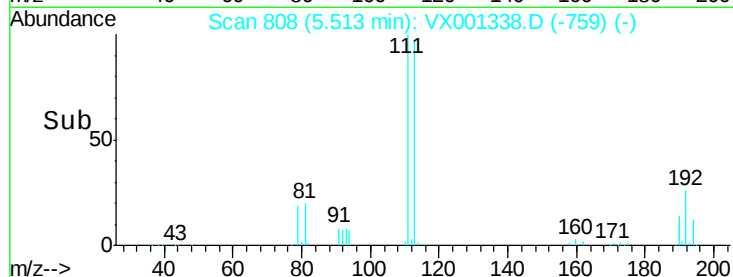
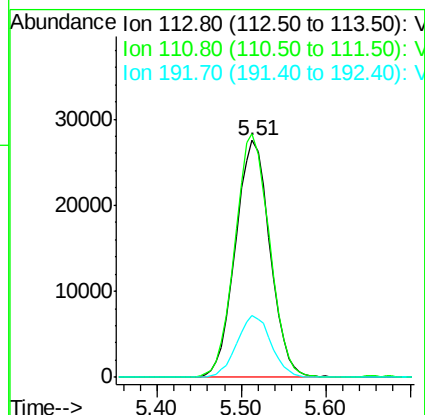
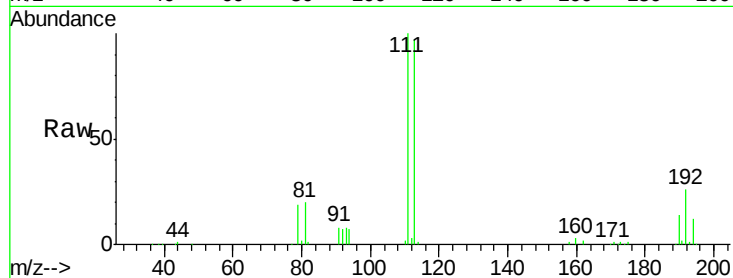




#35
 Dibromofluoromethane
 Concen: 44.33 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001338.D
 Acq: 03 May 2018 01:38

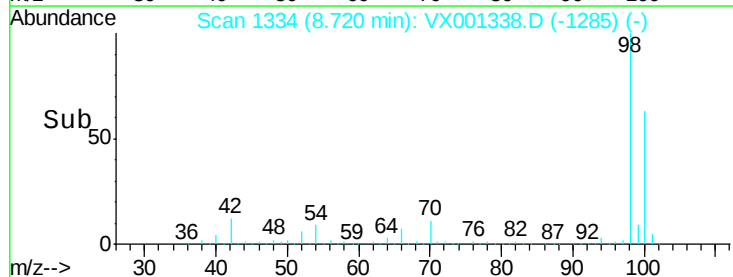
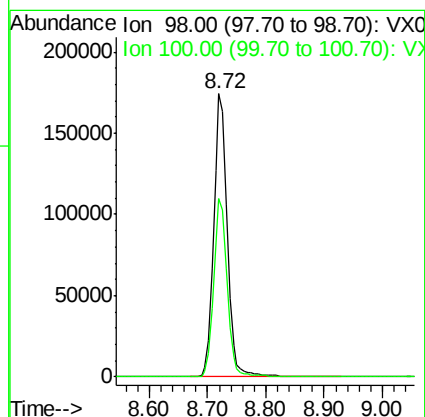
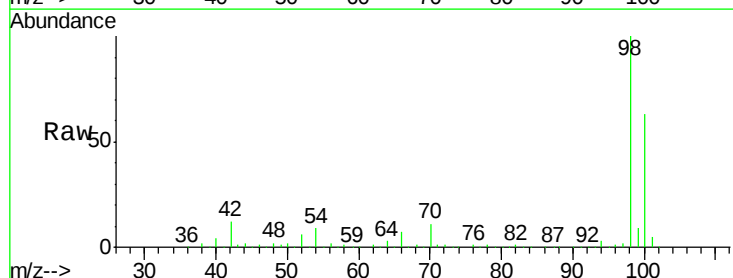
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 MSVOA_X
 ClientSampleId :
 PB108794ZHE#17

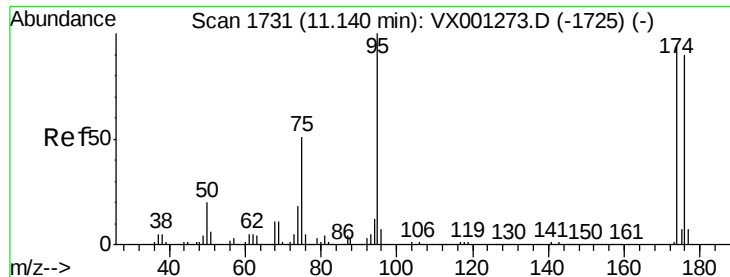
Tot Ion:113 Resp: 76366
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.2 121.8
 192 25.8 20.7 31.1



#50
 Toluene-d8
 Concen: 45.65 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001338.D
 Acq: 03 May 2018 01:38

Tgt Ion: 98 Resp: 280923
 Ion Ratio Lower Upper
 98 100
 100 63.2 51.0 76.4

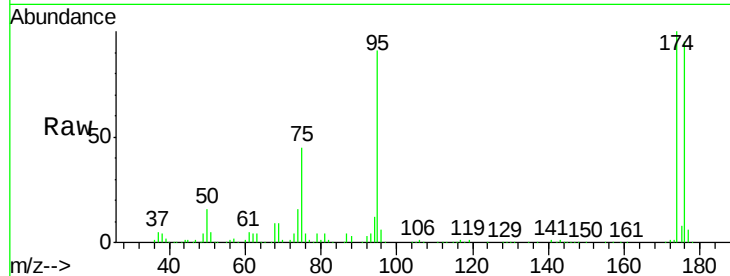




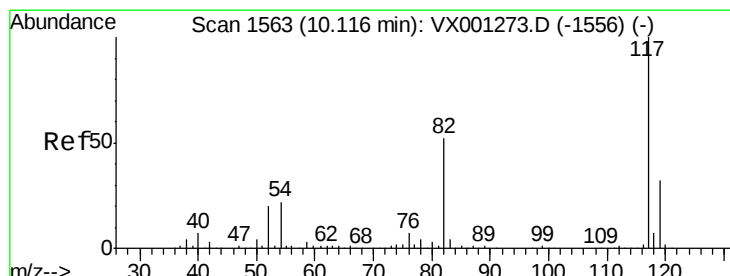
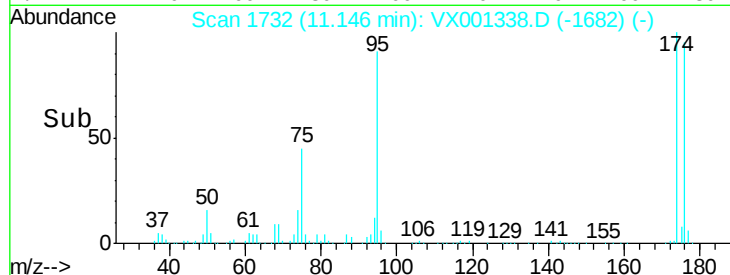
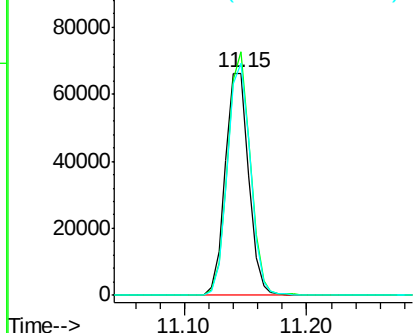
#62
4-Bromofluorobenzene
Concen: 35.70 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001338.D
Acq: 03 May 2018 01:38

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#17

Tot Ion: 95 Resp: 87864
Ion Ratio Lower Upper
95 100
174 105.3 0.0 201.8
176 102.1 0.0 197.2

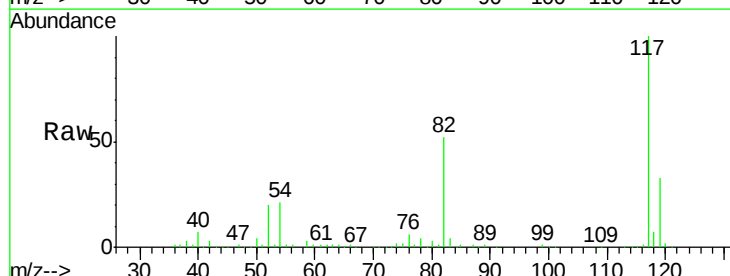


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

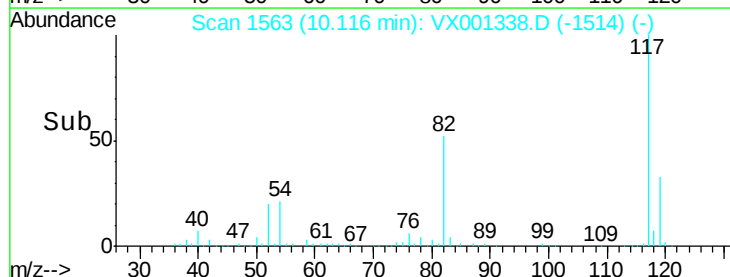
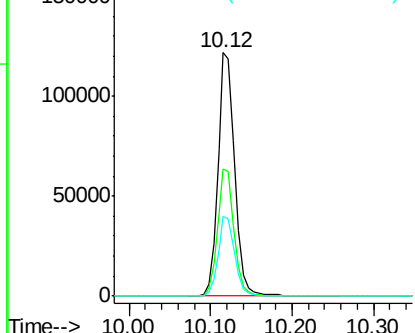


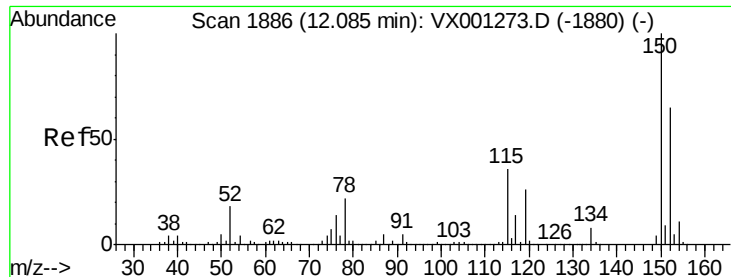
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001338.D
Acq: 03 May 2018 01:38

Tgt Ion: 117 Resp: 175553
Ion Ratio Lower Upper
117 100
82 52.2 41.4 62.0
119 32.8 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: VX001338.D

Acq: 03 May 2018 01:38

Instrument :

MSVOA_X

ClientSampleId :

PB108794ZHE#17

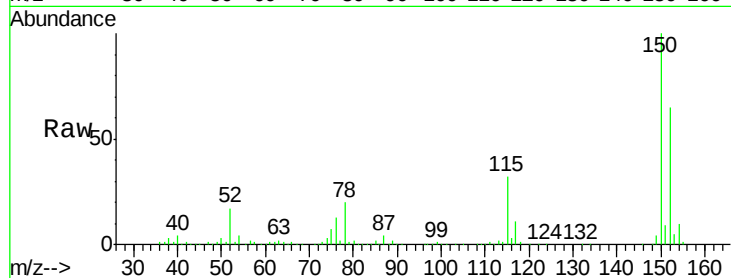
Tot Ion:152 Resp: 94839

Ion Ratio Lower Upper

152 100

115 52.5 38.6 115.7

150 155.6 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

