

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002072.D
 Acq On : 27 May 2018 16:52
 Operator : JC/MD
 Sample : J3099-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 200028

Quant Time: May 29 03:59:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

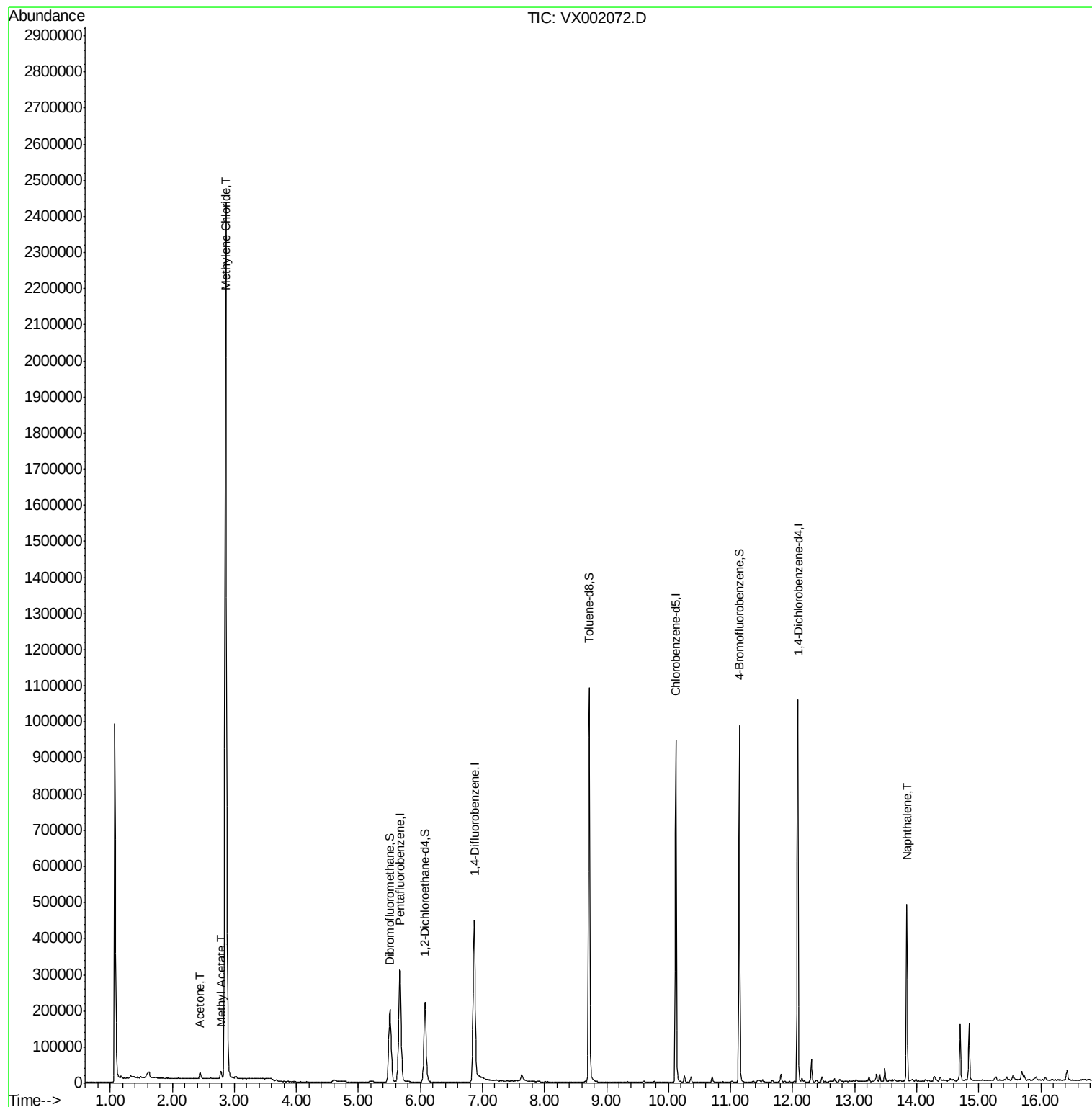
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	320306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	453676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	408944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	230675	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210769	36.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.62%	
35) Dibromofluoromethane	5.51	113	163412	36.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.04%	
50) Toluene-d8	8.72	98	642644	39.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.26%	
62) 4-Bromofluorobenzene	11.14	95	232265	36.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.28%	
Target Compounds						
16) Acetone	2.45	43	18709	8.47	ug/l	100
18) Methyl Acetate	2.78	43	24140	3.48	ug/l	96
20) Methylene Chloride	2.86	84	1110653	298.59	ug/l	98
95) Naphthalene	13.84	128	302291	14.51	ug/l	100

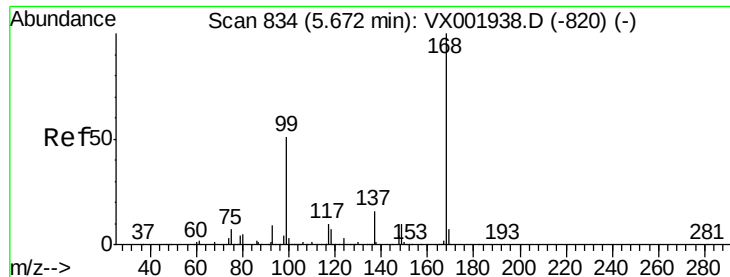
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002072.D

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Instrument :

MSVOA_X

ClientSampleId :

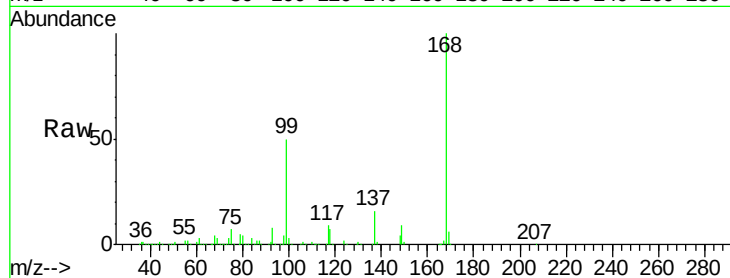
200028

Tot Ion:168 Resp: 320306

Ion Ratio Lower Upper

168 100

99 50.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

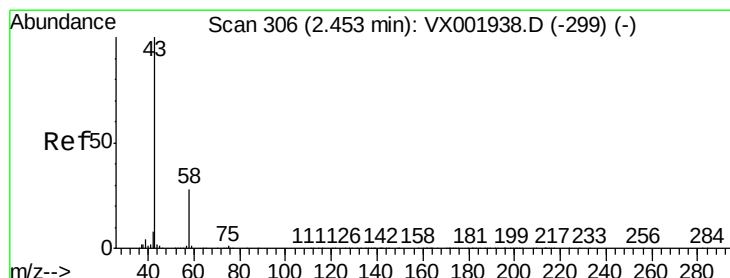
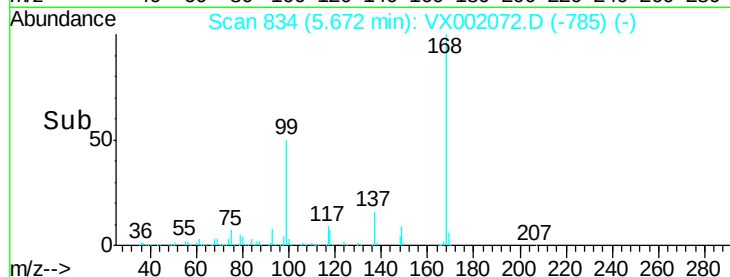
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.47 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002072.D

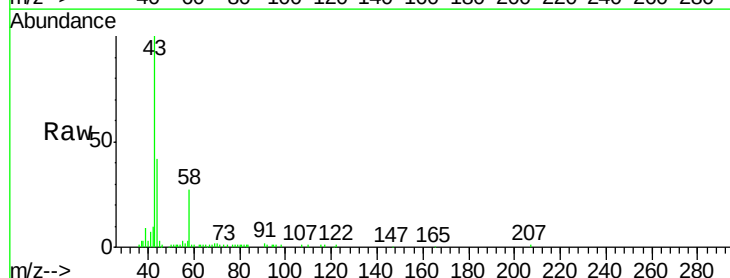
Acq: 27 May 2018 16:52

Tgt Ion: 43 Resp: 18709

Ion Ratio Lower Upper

43 100

58 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

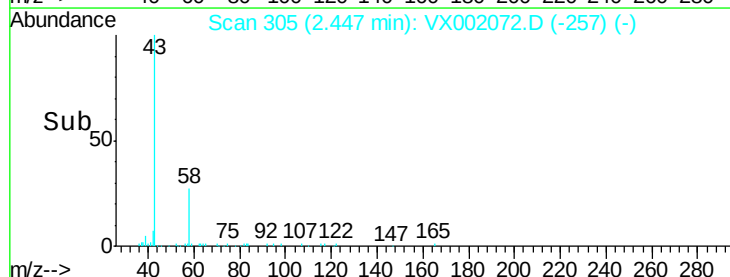
2.45

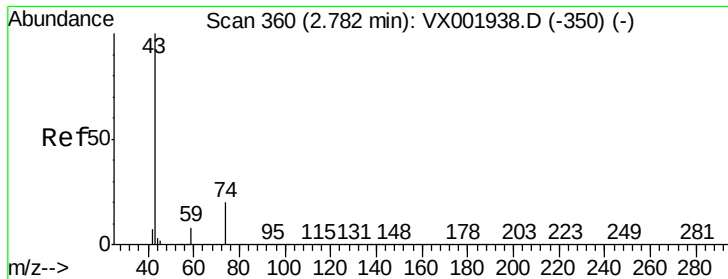
10000

5000

0

Time--> 2.40 2.45 2.50

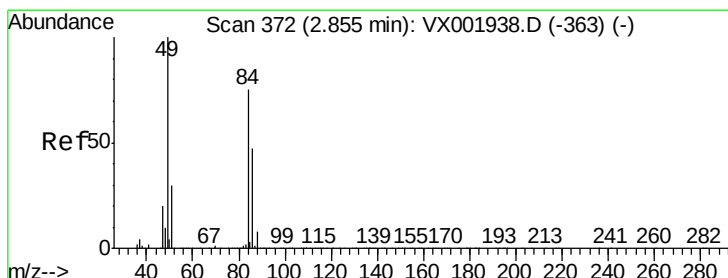
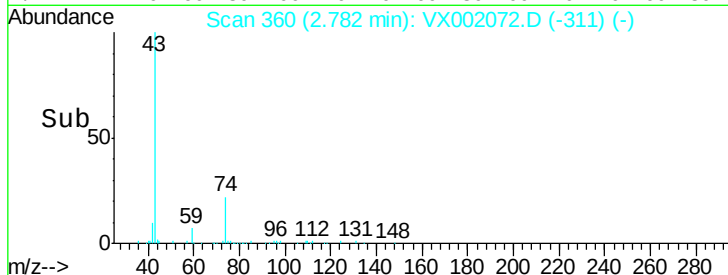
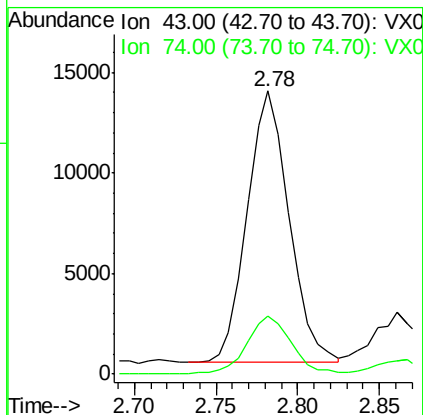
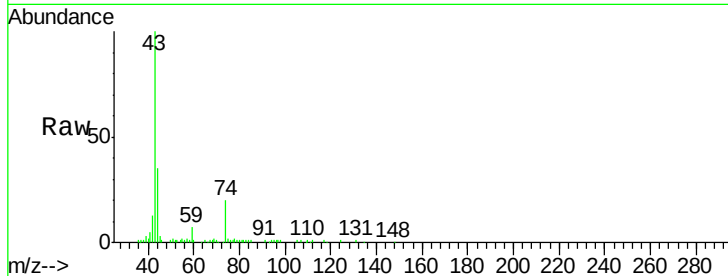




#18
Methvl Acetate
Concen: 3.48 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002072.D
Acq: 27 May 2018 16:52

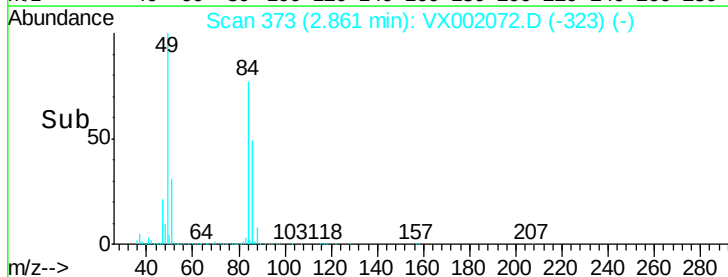
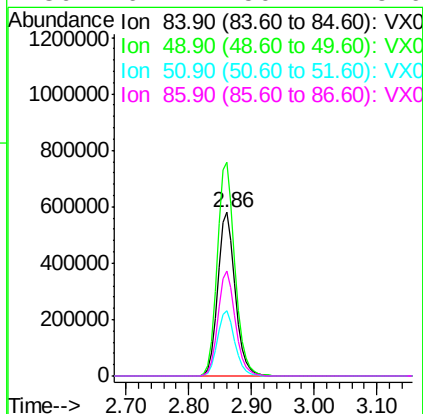
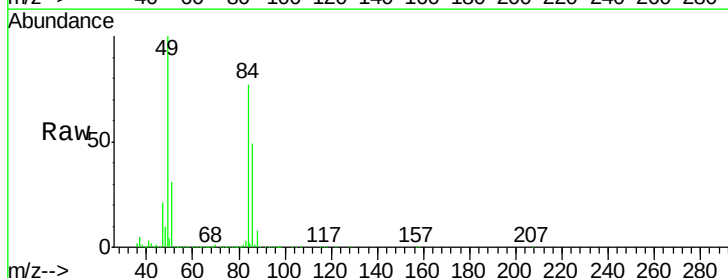
Instrument :
MSVOA_X
ClientSampleId :
200028

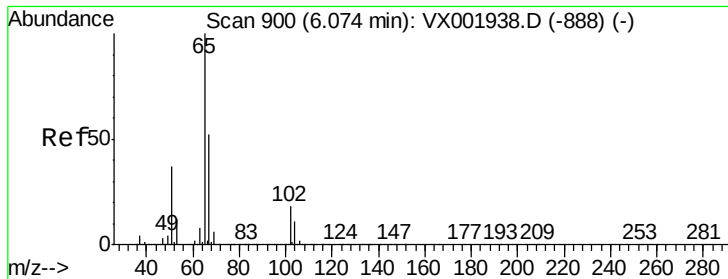
Tot Ion: 43 Resp: 24140
Ion Ratio Lower Upper
43 100
74 23.1 16.8 25.2



#20
Methylene Chloride
Concen: 298.59 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002072.D
Acq: 27 May 2018 16:52

Tgt Ion: 84 Resp: 1110653
Ion Ratio Lower Upper
84 100
49 130.5 107.2 160.8
51 39.8 32.4 48.6
86 64.2 50.4 75.6

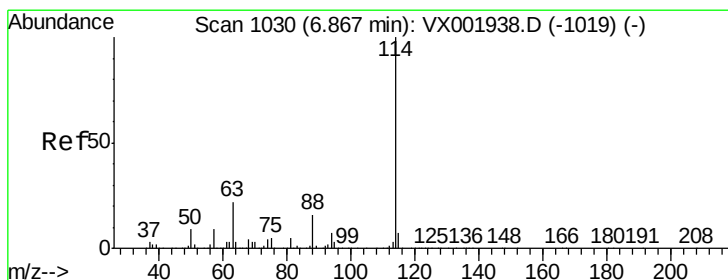
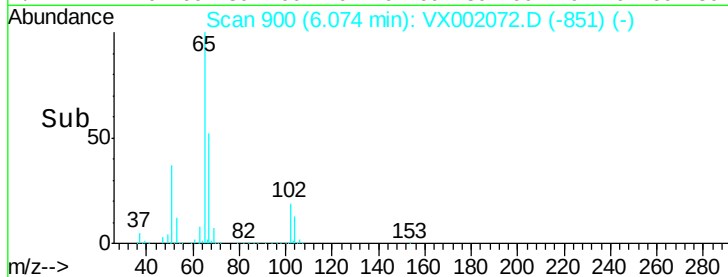
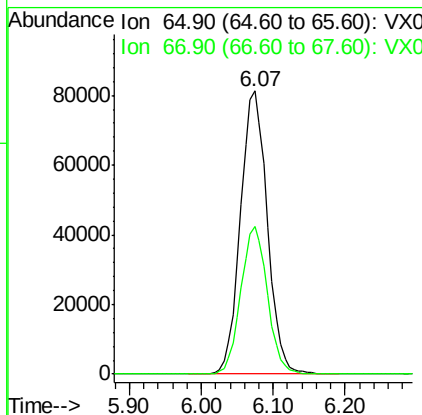
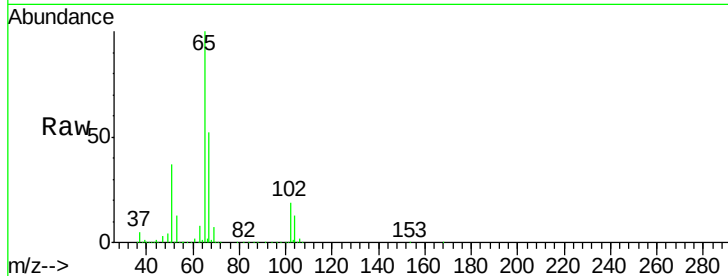




#33
 1,2-Dichloroethane-d4
 Concen: 36.81 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002072.D
 Acq: 27 May 2018 16:52

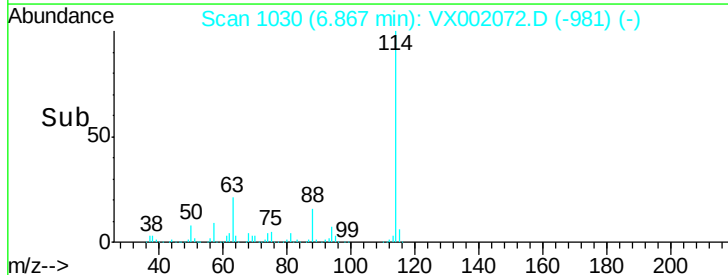
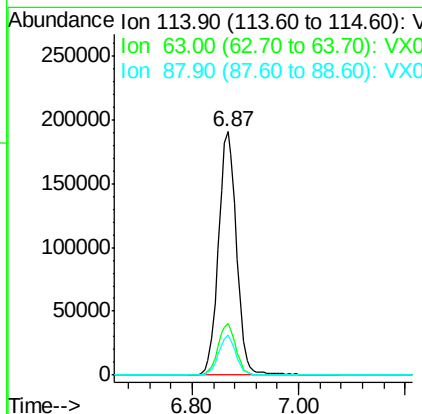
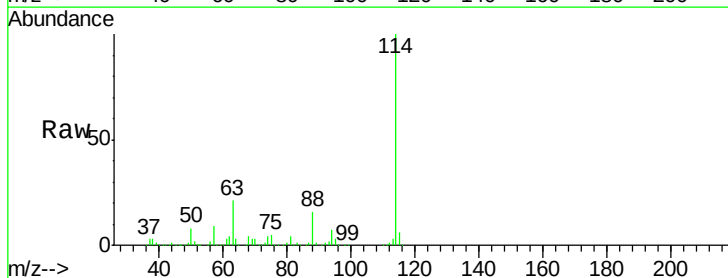
Instrument :
 MSVOA_X
 ClientSampleId :
 200028

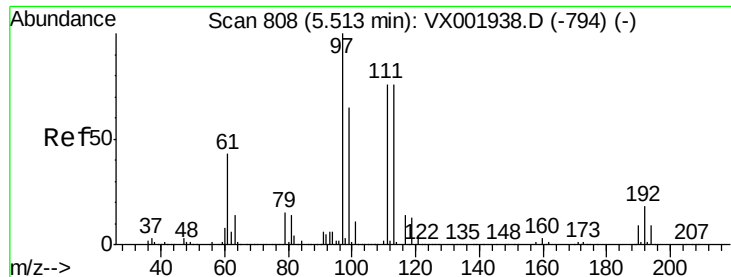
Tot Ion: 65 Resp: 210769
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002072.D
 Acq: 27 May 2018 16:52

Tgt Ion: 114 Resp: 453676
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 16.3 0.0 31.6

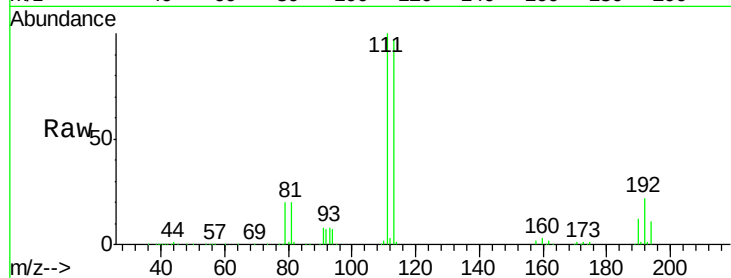




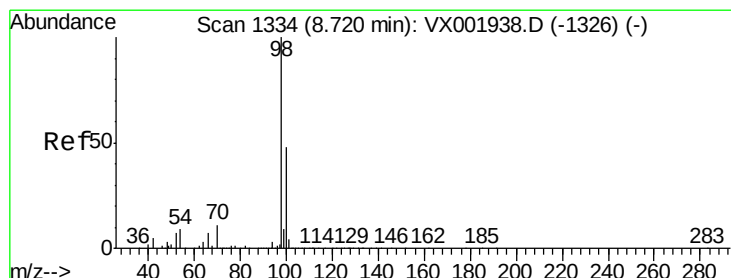
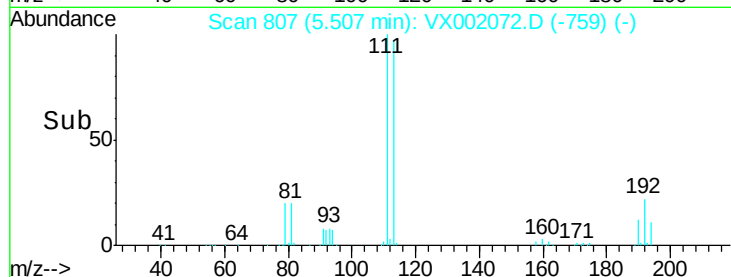
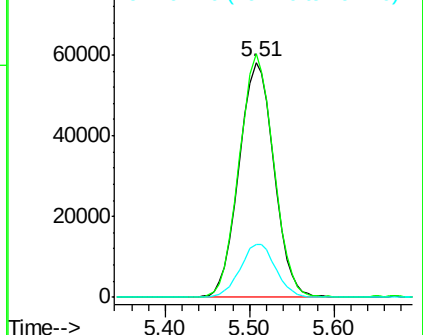
#35
 Dibromofluoromethane
 Concen: 36.02 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002072.D
 Acq: 27 May 2018 16:52

Instrument :
 MSVOA_X
 ClientSampleId :
 200028

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	23.1	18.9	28.3

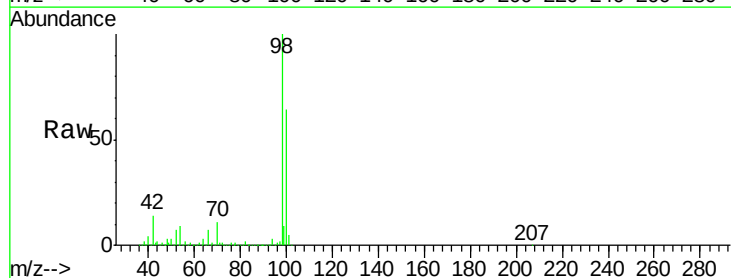


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

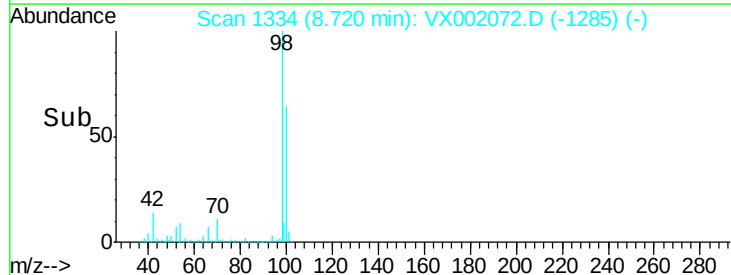
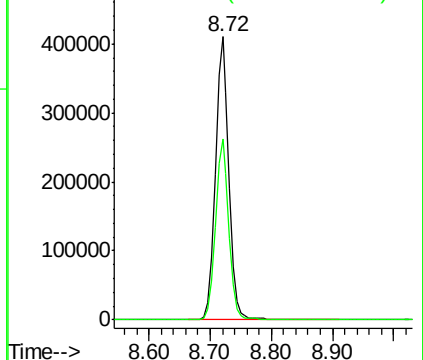


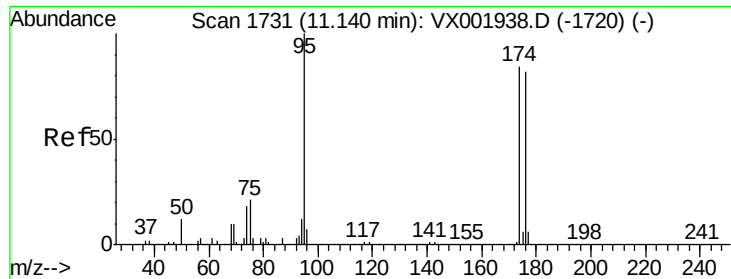
#50
 Toluene-d8
 Concen: 39.13 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002072.D
 Acq: 27 May 2018 16:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 36.14 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002072.D

Acq: 27 May 2018 16:52

Instrument :

MSVOA_X

ClientSampled :

200028

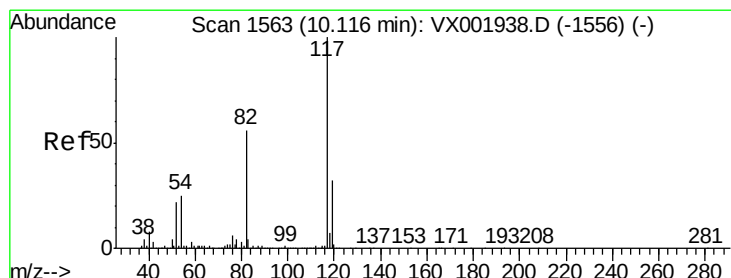
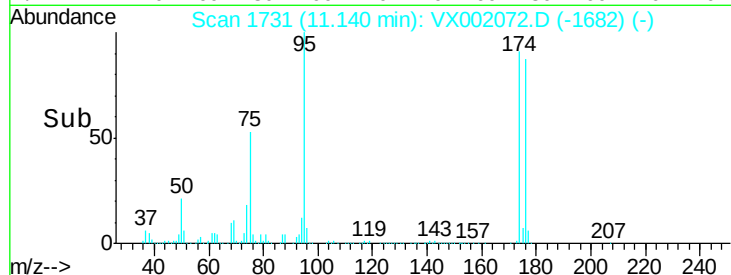
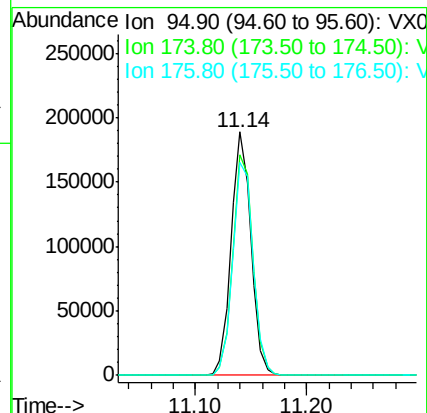
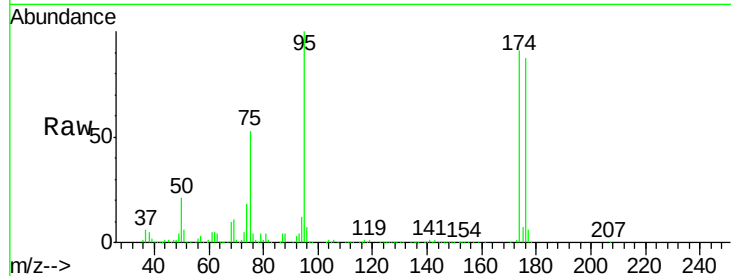
Tot Ion: 95 Resp: 232265

Ion Ratio Lower Upper

95 100

174 92.1 0.0 178.8

176 90.3 0.0 175.6



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002072.D

Acq: 27 May 2018 16:52

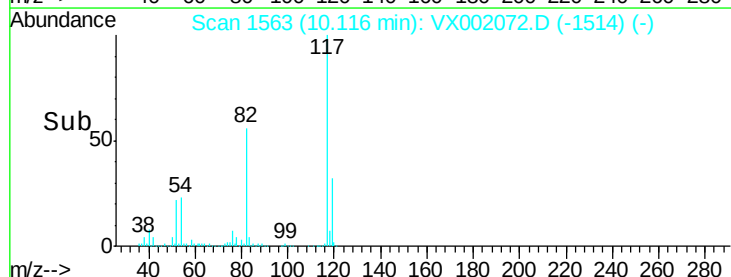
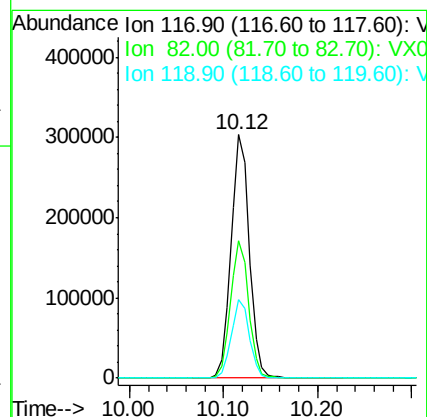
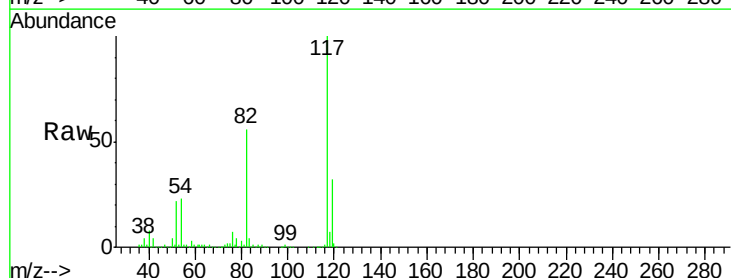
Tgt Ion: 117 Resp: 408944

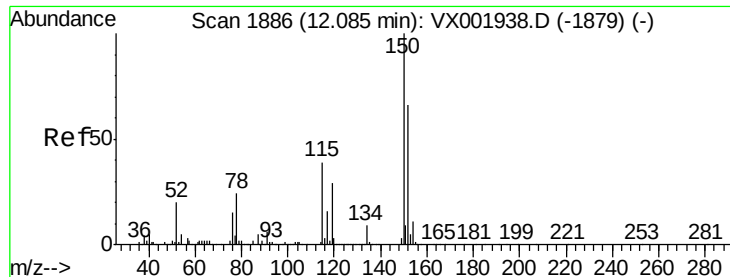
Ion Ratio Lower Upper

117 100

82 56.4 44.8 67.2

119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002072.D

Acq: 27 May 2018 16:52

Instrument :

MSVOA_X

ClientSampled :

200028

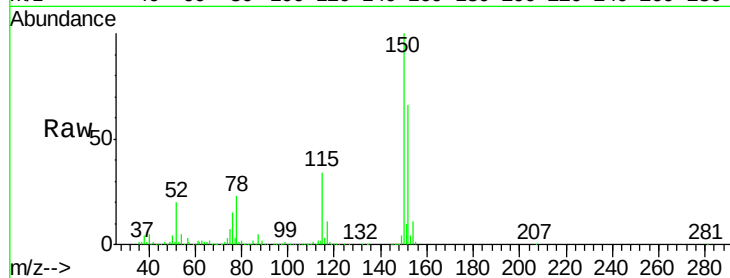
Tot Ion:152 Resp: 230675

Ion Ratio Lower Upper

152 100

115 54.8 42.3 126.8

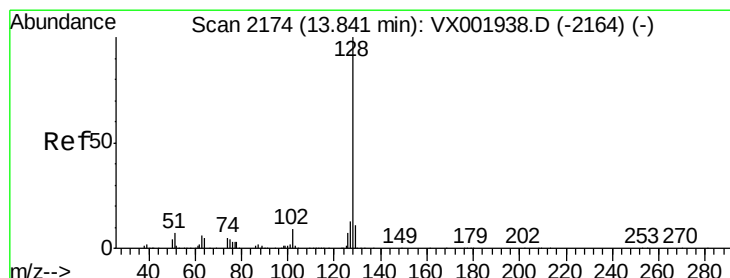
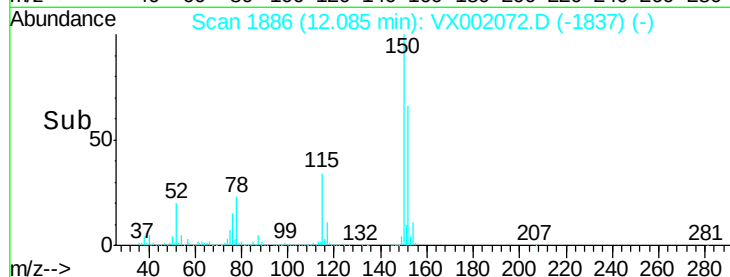
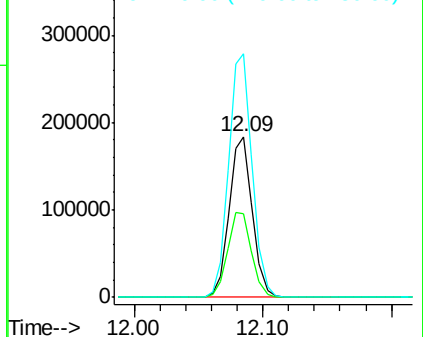
150 154.7 0.0 351.0



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



#95

Naphthalene

Concen: 14.51 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002072.D

Acq: 27 May 2018 16:52

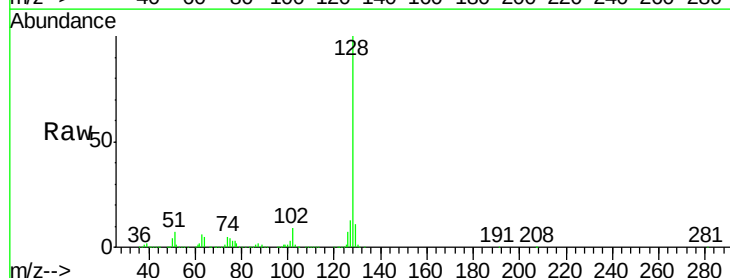
Tgt Ion:128 Resp: 302291

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

