

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002080.D
 Acq On : 27 May 2018 20:24
 Operator : JC/MD
 Sample : J3128-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 29 08:46:28 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

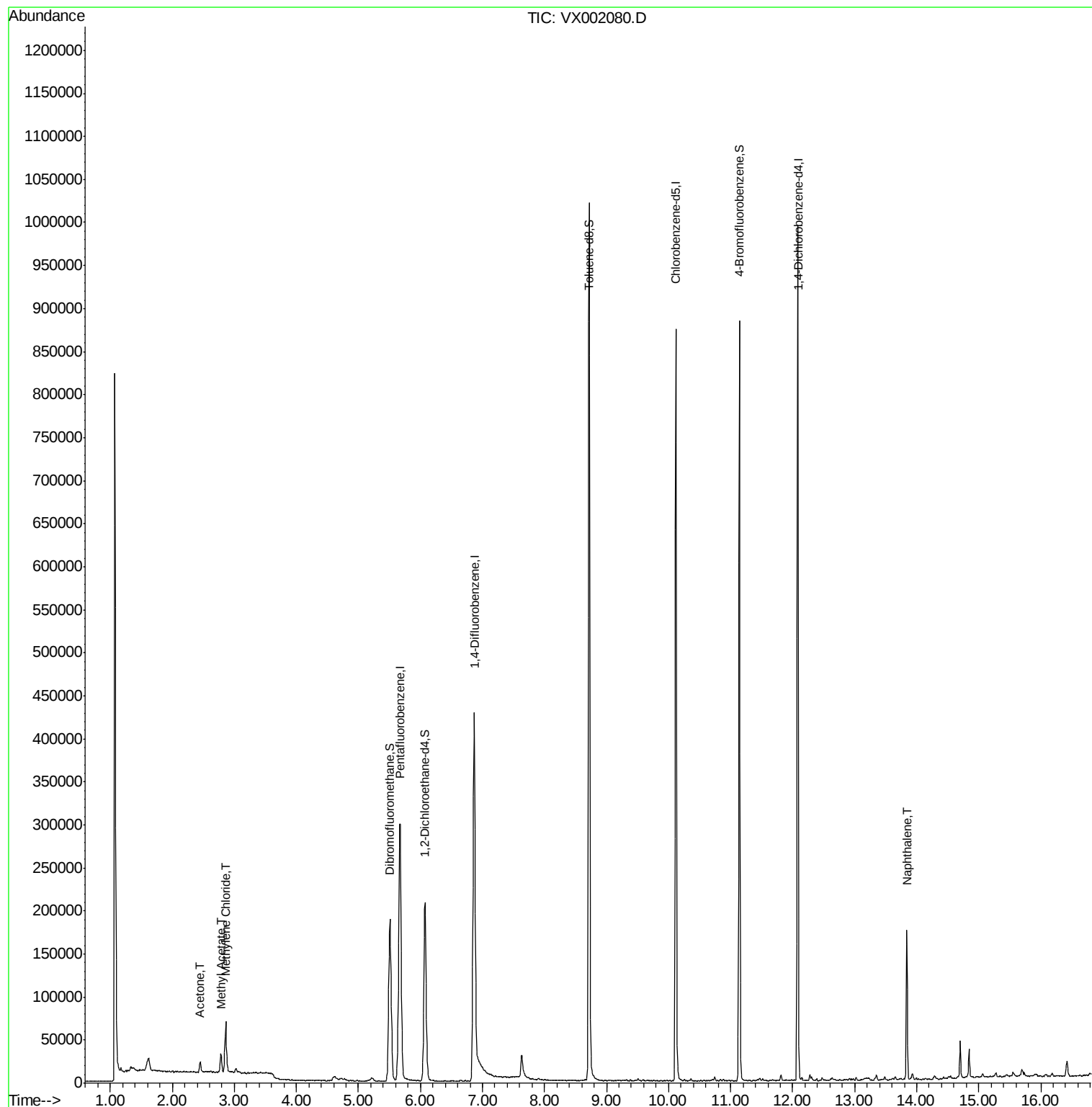
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	428445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	382885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	198211	36.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.68%	
35) Dibromofluoromethane	5.51	113	153455	35.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.64%	
50) Toluene-d8	8.72	98	601131	38.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.50%	
62) 4-Bromofluorobenzene	11.14	95	212016	34.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.86%	
Target Compounds						
16) Acetone	2.45	43	13114	6.23	ug/l	91
18) Methyl Acetate	2.78	43	26220	4.13	ug/l	99
20) Methylene Chloride	2.86	84	26979	5.93	ug/l	98
95) Naphthalene	13.84	128	105440	5.62	ug/l	100

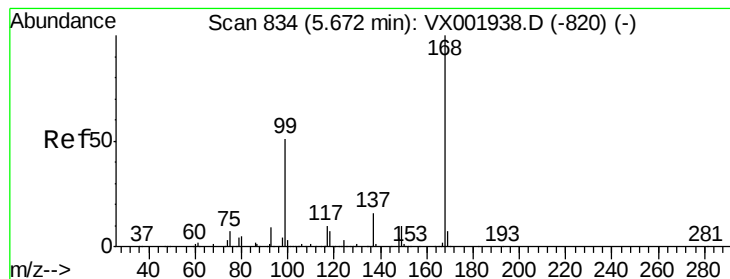
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002080.D

Acq: 27 May 2018 20:24

Instrument :

MSVOA_X

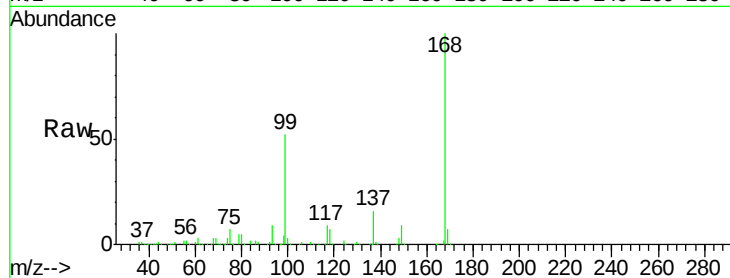
ClientSampleId :

Tot Ion:168 Resp: 305135

Ion Ratio Lower Upper

168 100

99 51.8 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

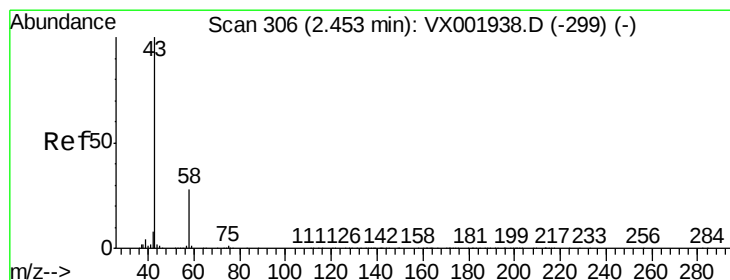
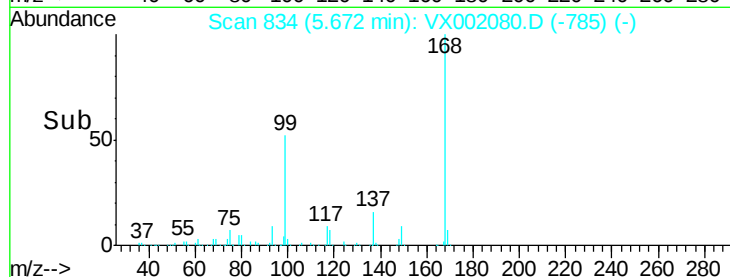
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.23 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002080.D

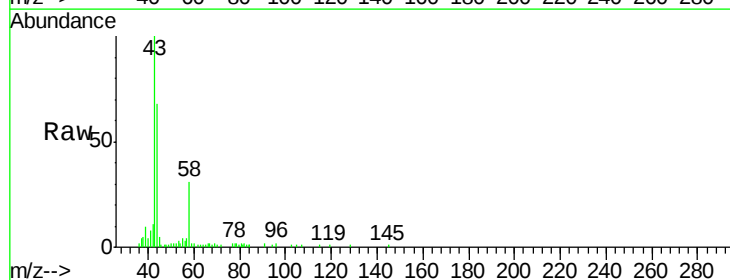
Acq: 27 May 2018 20:24

Tgt Ion: 43 Resp: 13114

Ion Ratio Lower Upper

43 100

58 32.7 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

8000

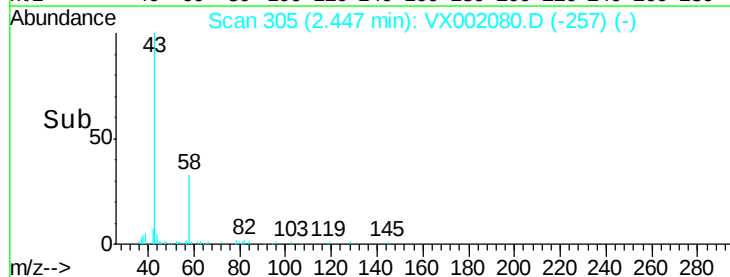
6000

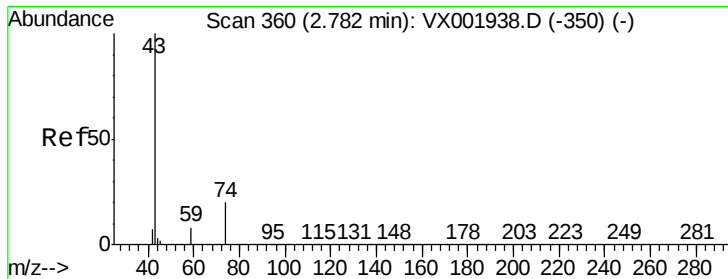
4000

2000

0

Time--> 2.40 2.50

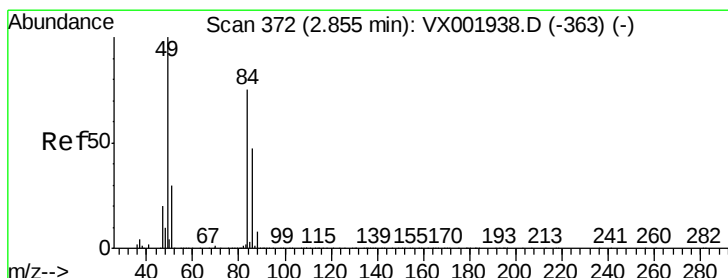
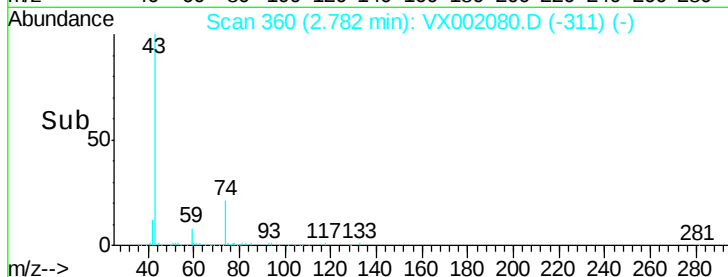
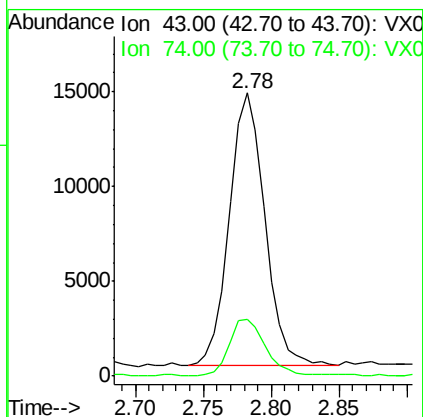
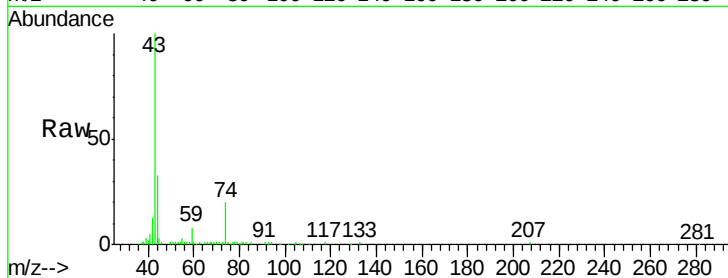




#18
Methyl Acetate
Concen: 4.13 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002080.D
Acq: 27 May 2018 20:24

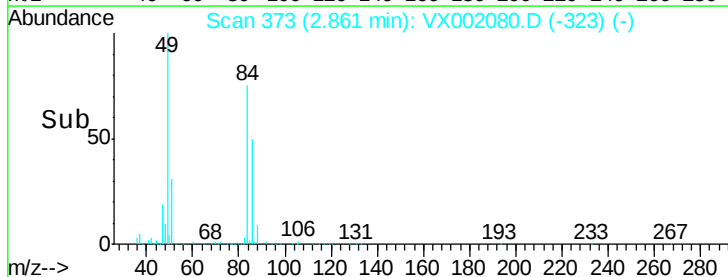
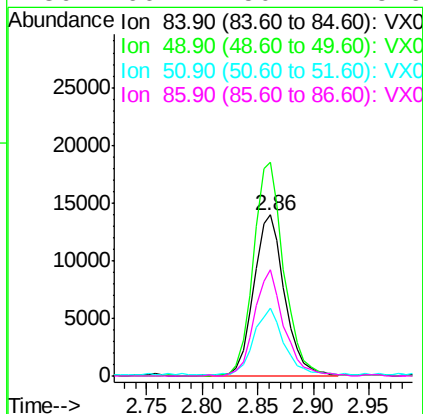
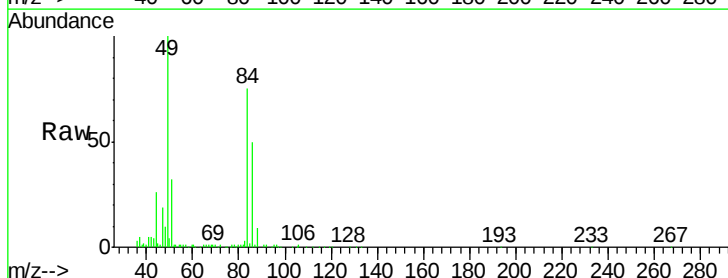
Instrument :
MSVOA_X
ClientSampleId :

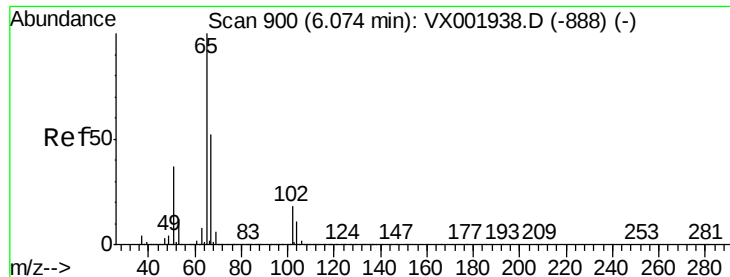
Tot Ion: 43 Resp: 26220
Ion Ratio Lower Upper
43 100
74 21.5 16.8 25.2



#20
Methylene Chloride
Concen: 5.93 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002080.D
Acq: 27 May 2018 20:24

Tgt Ion: 84 Resp: 26979
Ion Ratio Lower Upper
84 100
49 132.9 107.2 160.8
51 41.7 32.4 48.6
86 66.4 50.4 75.6

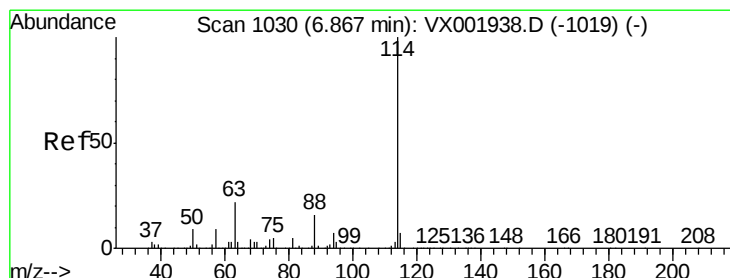
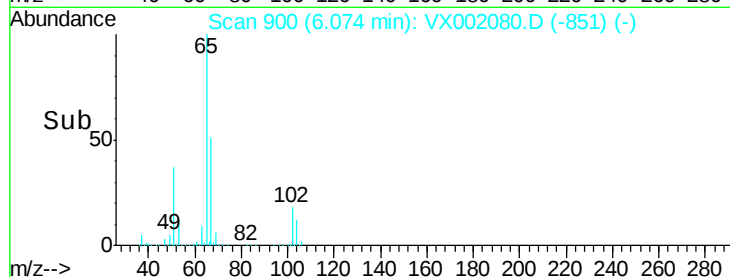
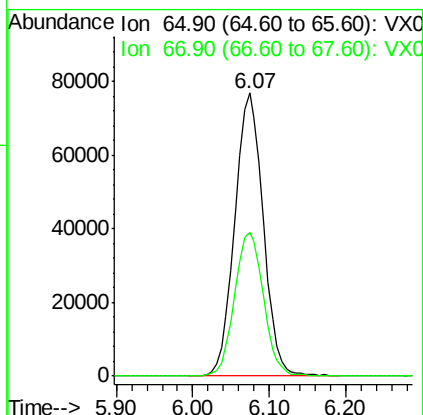
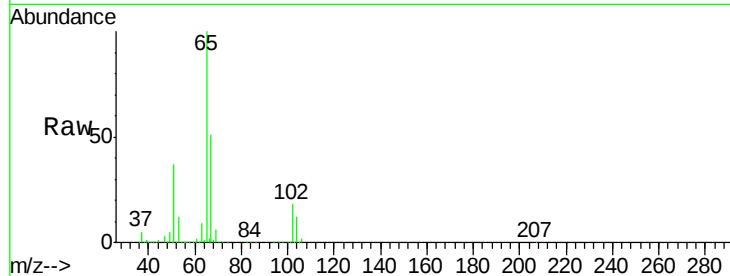




#33
 1,2-Dichloroethane-d4
 Concen: 36.34 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002080.D
 Acq: 27 May 2018 20:24

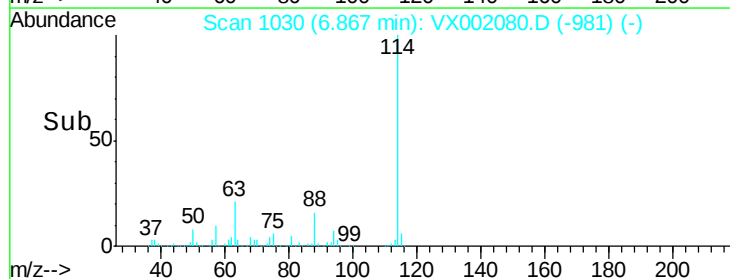
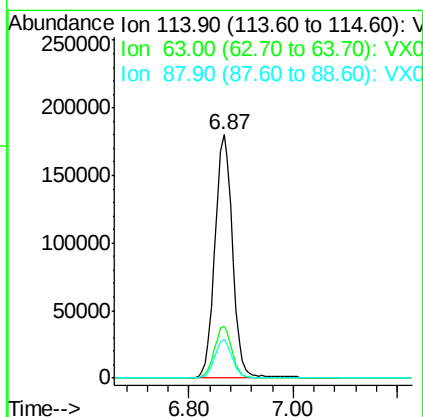
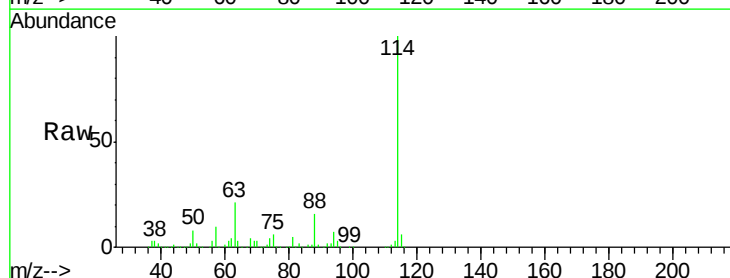
Instrument :
 MSVOA_X
 ClientSampleId :

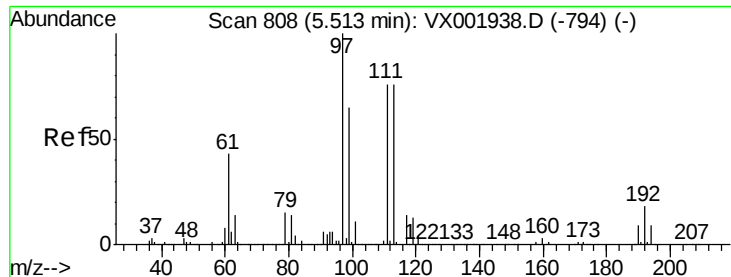
Tot Ion: 65 Resp: 198211
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002080.D
 Acq: 27 May 2018 20:24

Tgt Ion: 114 Resp: 428445
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 35.82 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002080.D

Acq: 27 May 2018 20:24

Instrument :
MSVOA_X
ClientSampleId :

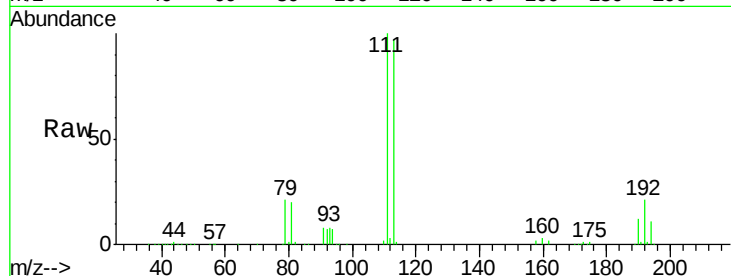
Tot Ion:113 Resp: 153455

Ion Ratio Lower Upper

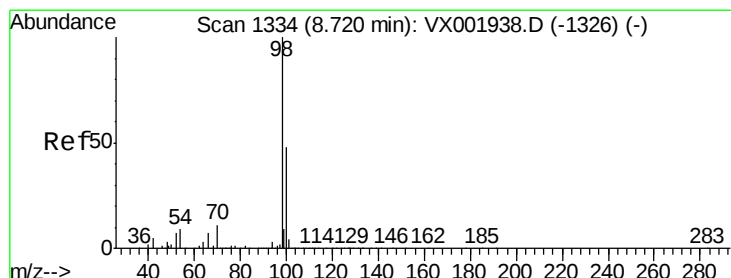
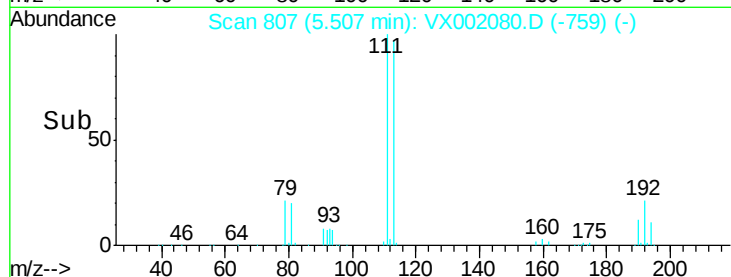
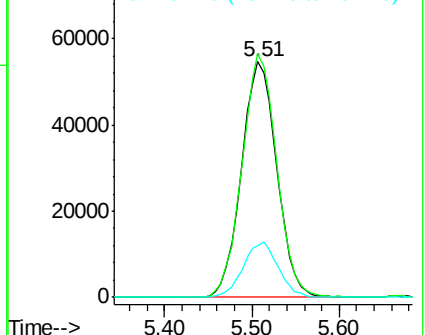
113 100

111 101.8 82.0 123.0

192 23.3 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: 38.75 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002080.D

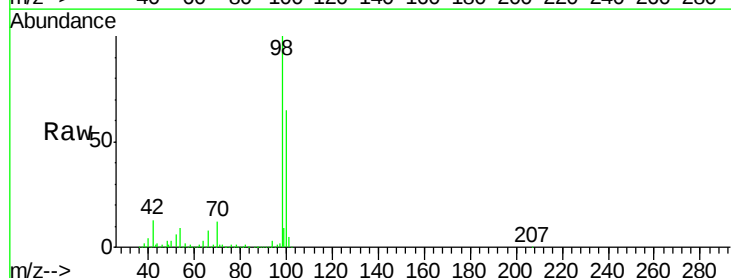
Acq: 27 May 2018 20:24

Tgt Ion: 98 Resp: 601131

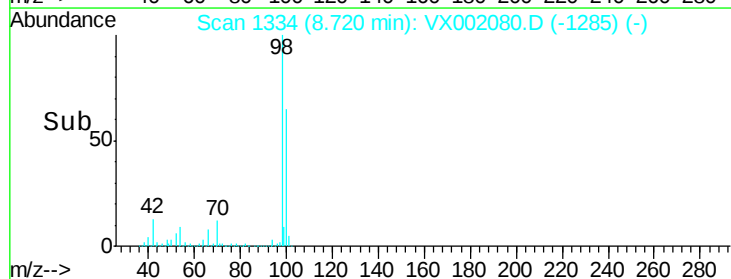
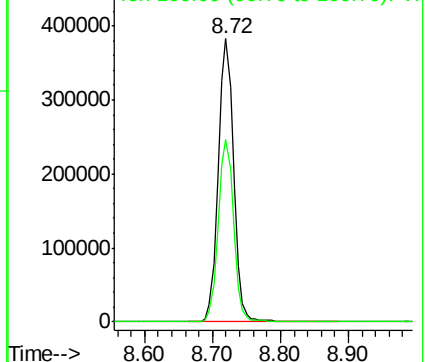
Ion Ratio Lower Upper

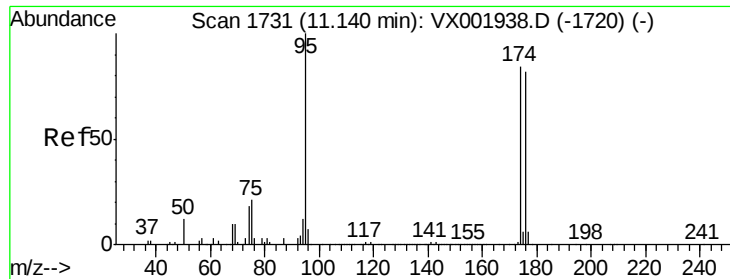
98 100

100 64.4 51.5 77.3



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

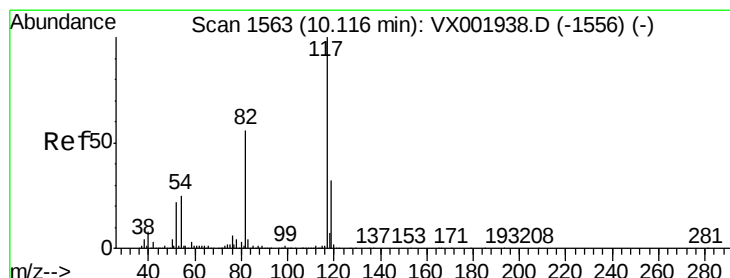
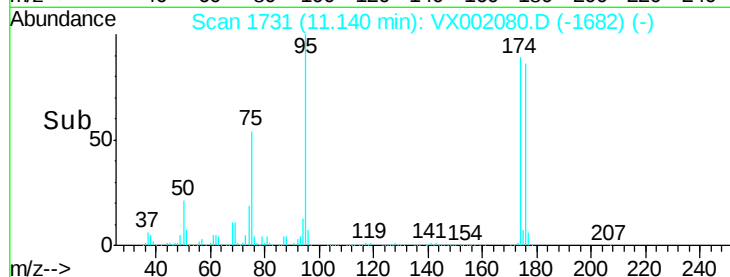
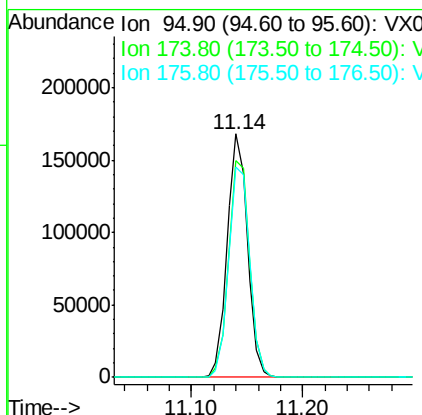
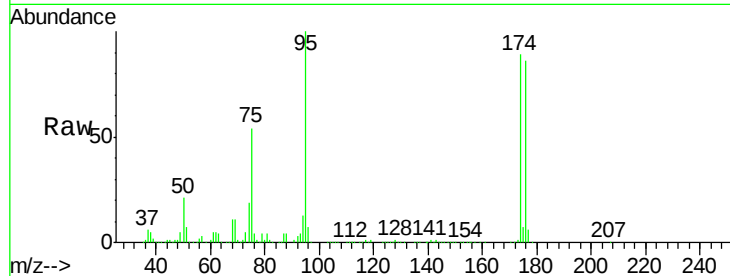




#62
4-Bromofluorobenzene
Concen: 34.93 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002080.D
Acq: 27 May 2018 20:24

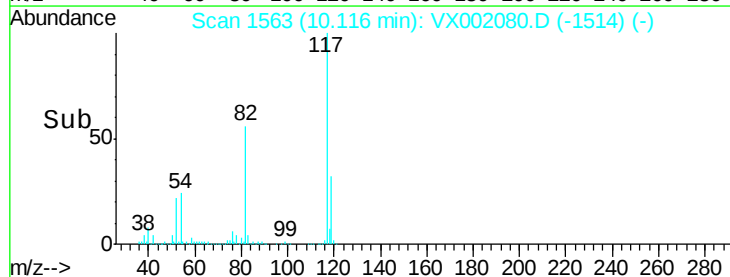
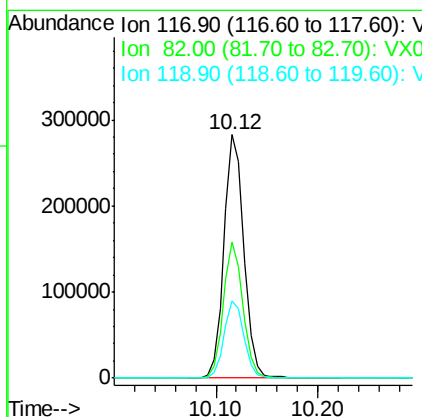
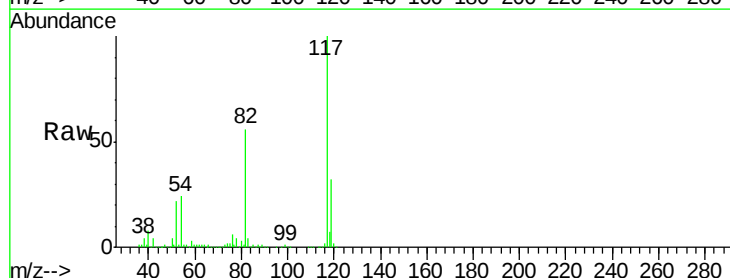
Instrument :
MSVOA_X
ClientSampleId :

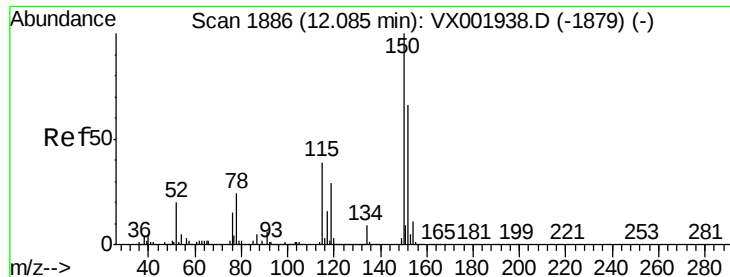
Tot Ion	95	Resp	212016
Ion Ratio	Lower	Upper	
95	100		
174	92.2	0.0	178.8
176	90.3	0.0	175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002080.D
Acq: 27 May 2018 20:24

Tgt Ion	117	Resp	382885
Ion Ratio	Lower	Upper	
117	100		
82	56.0	44.8	67.2
119	31.7	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: VX002080.D

Acq: 27 May 2018 20:24

Instrument :

MSVOA_X

ClientSampleId :

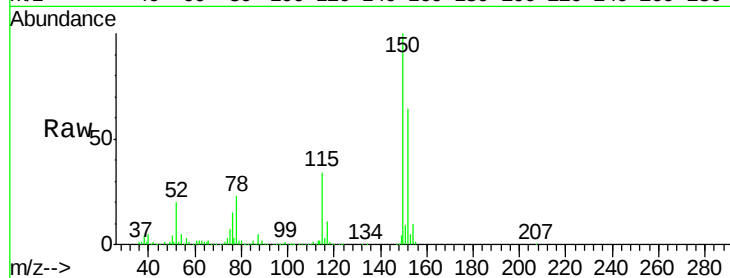
Tot Ion:152 Resp: 207739

Ion Ratio Lower Upper

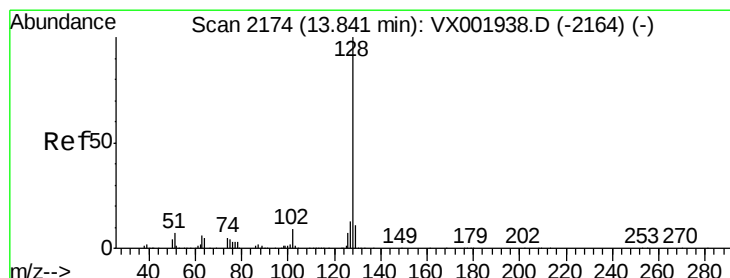
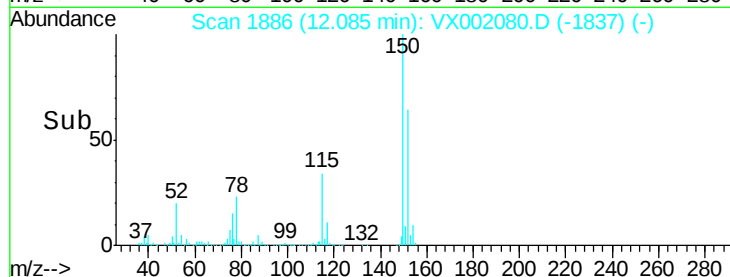
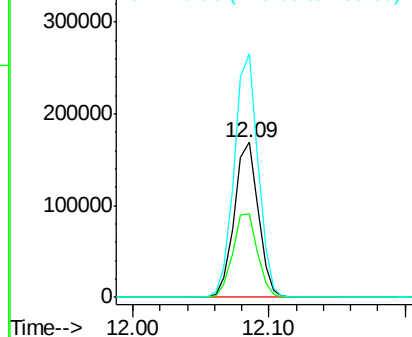
152 100

115 55.5 42.3 126.8

150 156.9 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: 5.62 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002080.D

Acq: 27 May 2018 20:24

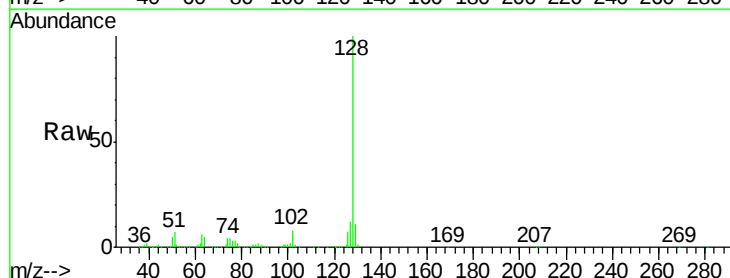
Tgt Ion:128 Resp: 105440

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 11.0 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

