

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002065.D
 Acq On : 27 May 2018 13:46
 Operator : JC/MD
 Sample : J3094-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 29 03:33:05 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

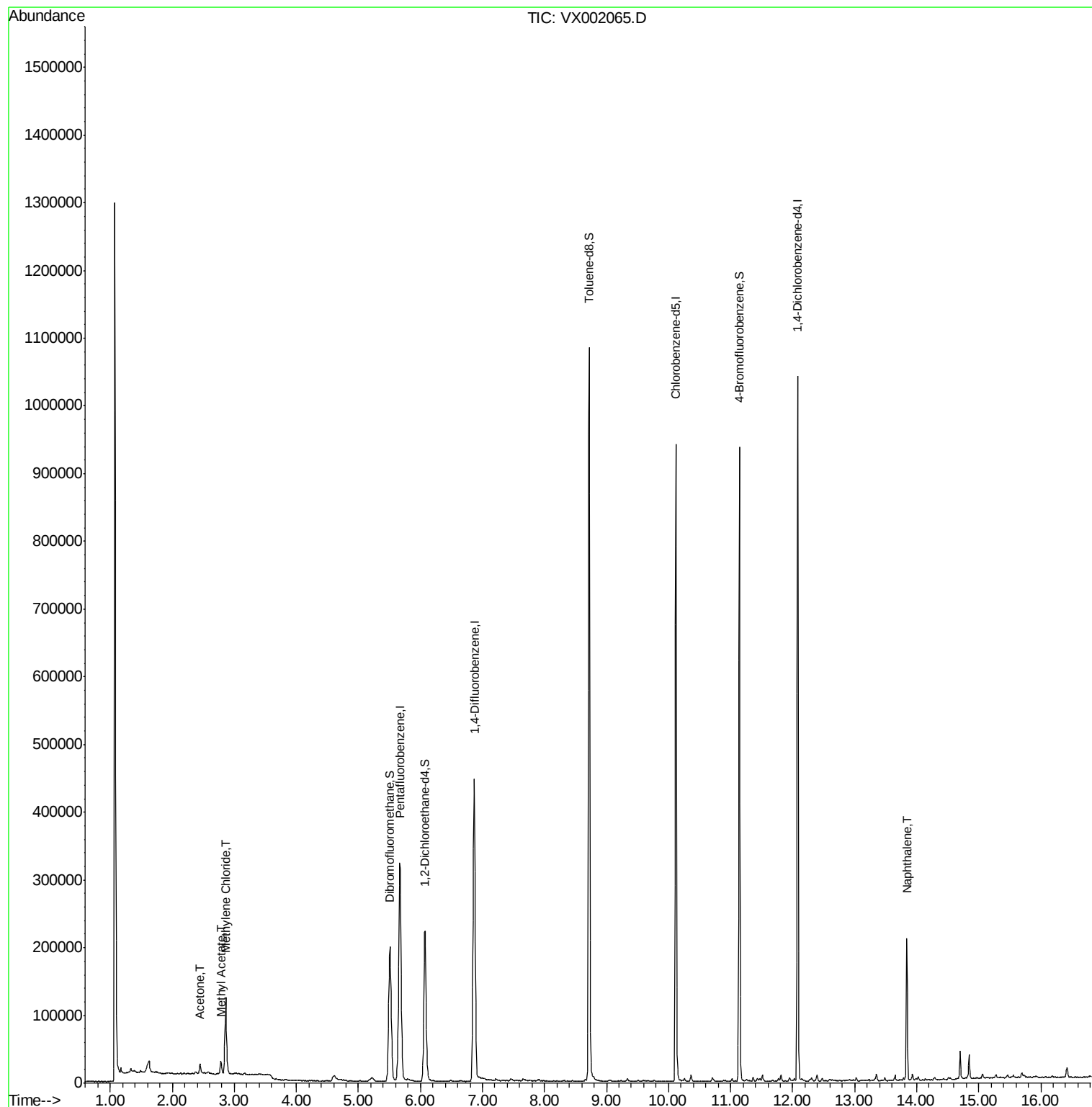
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	322413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	448817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	401854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	219400	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210250	36.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.96%	
35) Dibromofluoromethane	5.51	113	164011	36.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.08%	
50) Toluene-d8	8.72	98	639083	39.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.66%	
62) 4-Bromofluorobenzene	11.14	95	225329	35.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.88%	
Target Compounds						
16) Acetone	2.45	43	16345	7.35	ug/l	93
18) Methyl Acetate	2.78	43	22081	3.05	ug/l	93
20) Methylene Chloride	2.86	84	52594	12.40	ug/l	98
95) Naphthalene	13.84	128	128968	6.51	ug/l	99

(#) = 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# 833

Delta R.T. -0.01 min

Lab File: VX002065.D

Acq: 27 May 2018 13:46

Instrument :

MSVOA_X

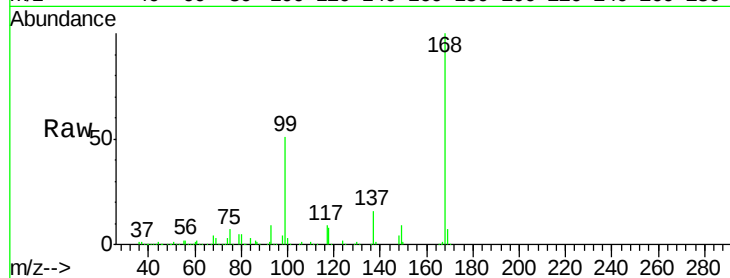
ClientSampleId :

Tot Ion:168 Resp: 322413

Ion Ratio Lower Upper

168 100

99 51.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

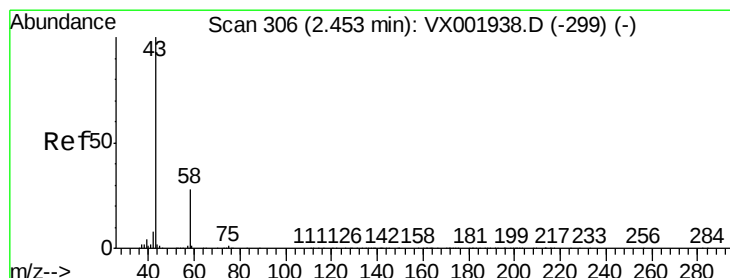
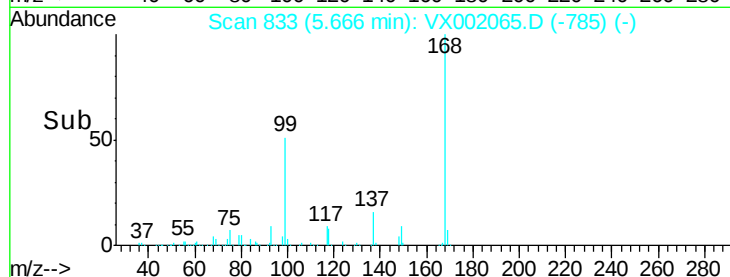
5.67

100000

50000

0

Time-->



#16

Acetone

Concen: 7.35 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002065.D

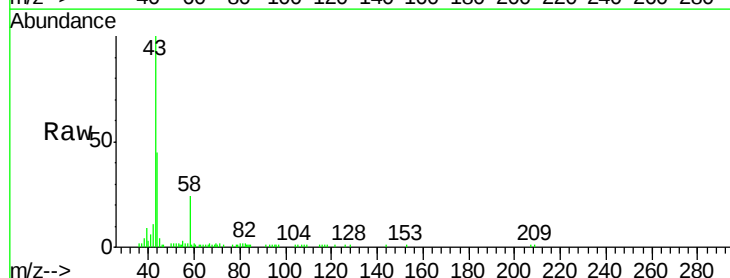
Acq: 27 May 2018 13:46

Tgt Ion: 43 Resp: 16345

Ion Ratio Lower Upper

43 100

58 24.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

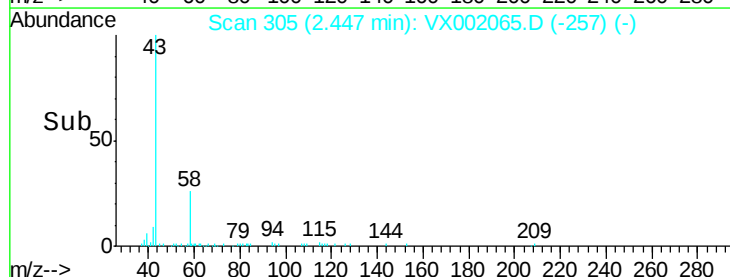
6000

4000

2000

0

Time-->

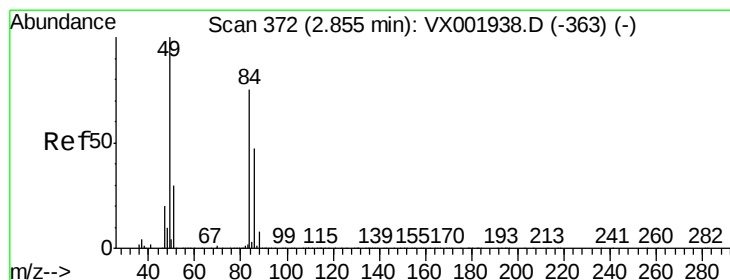
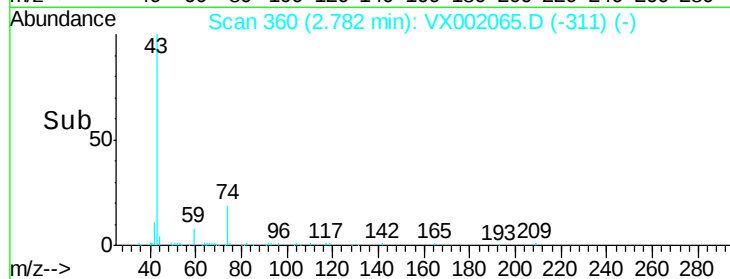
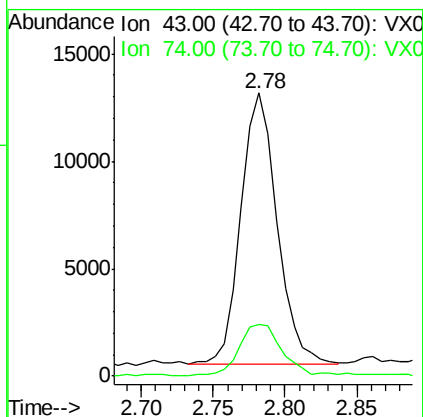
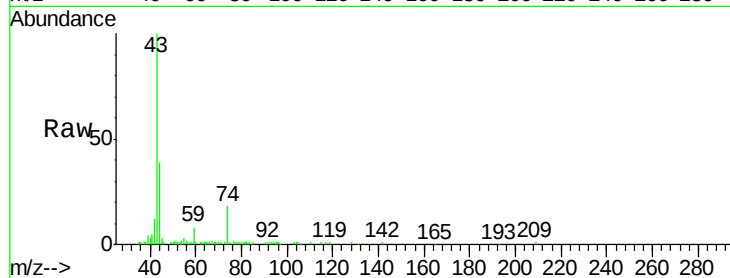




#18
Methvl Acetate
Concen: 3.05 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002065.D
Acq: 27 May 2018 13:46

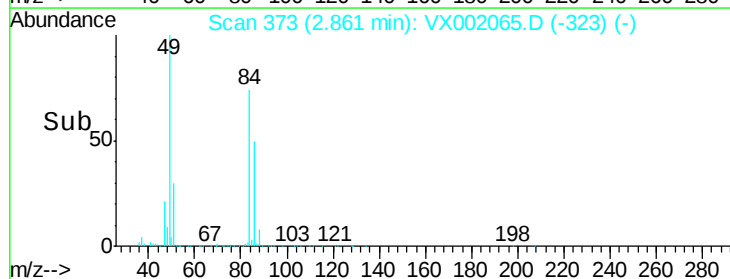
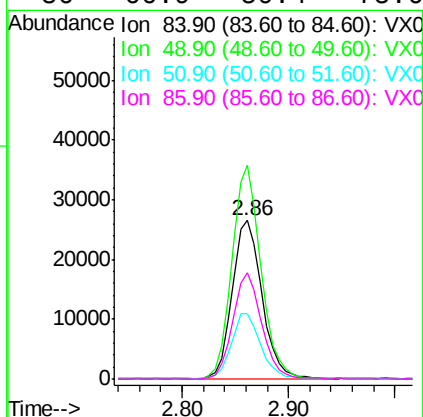
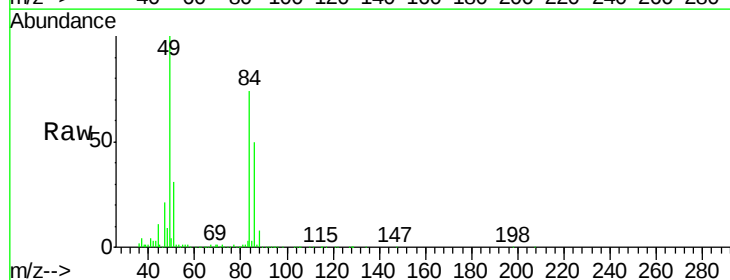
Instrument :
MSVOA_X
ClientSampleId :

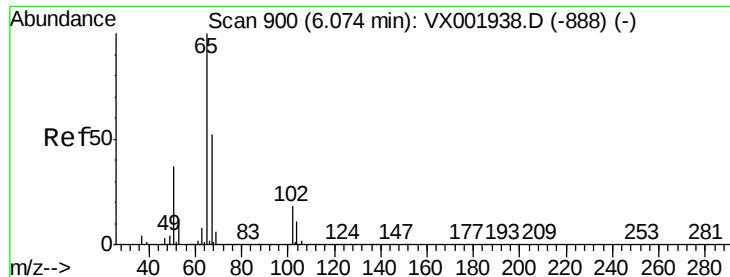
Tot Ion: 43 Resp: 22081
Ion Ratio Lower Upper
43 100
74 24.0 16.8 25.2



#20
Methylene Chloride
Concen: 12.40 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002065.D
Acq: 27 May 2018 13:46

Tgt Ion: 84 Resp: 52594
Ion Ratio Lower Upper
84 100
49 134.6 107.2 160.8
51 40.8 32.4 48.6
86 66.9 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 36.48 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002065.D

Acq: 27 May 2018 13:46

Instrument :

MSVOA_X

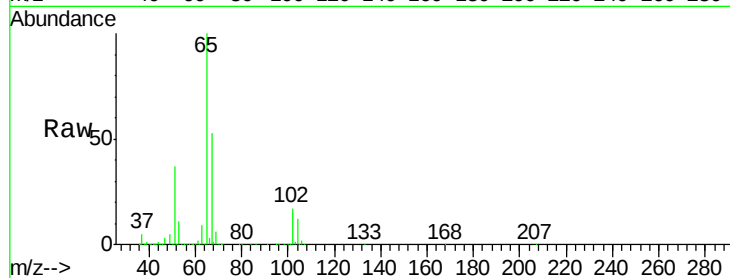
ClientSampleId :

Tot Ion: 65 Resp: 210250

Ion Ratio Lower Upper

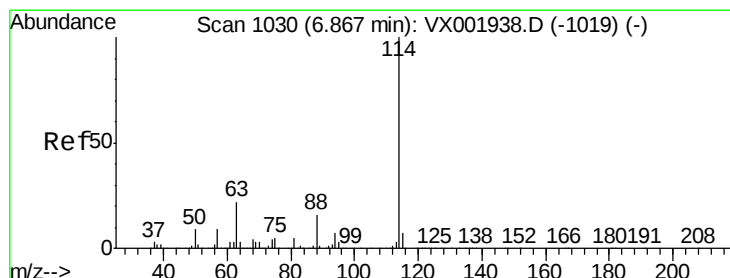
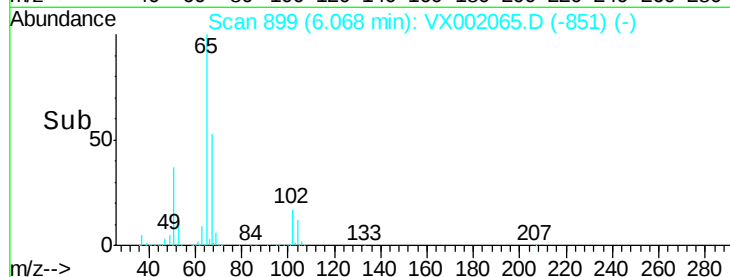
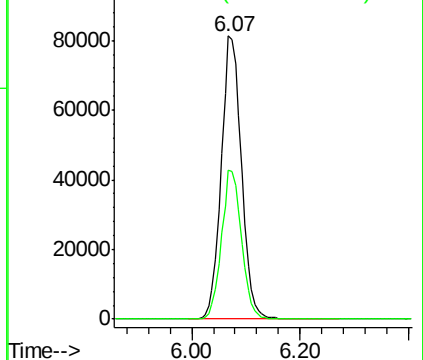
65 100

67 52.2 0.0 104.0



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# 1030

Delta R.T. -0.00 min

Lab File: VX002065.D

Acq: 27 May 2018 13:46

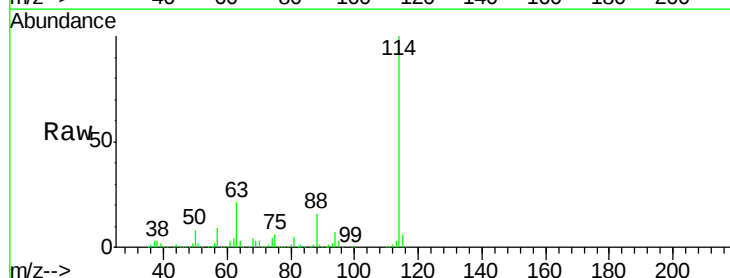
Tgt Ion: 114 Resp: 448817

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

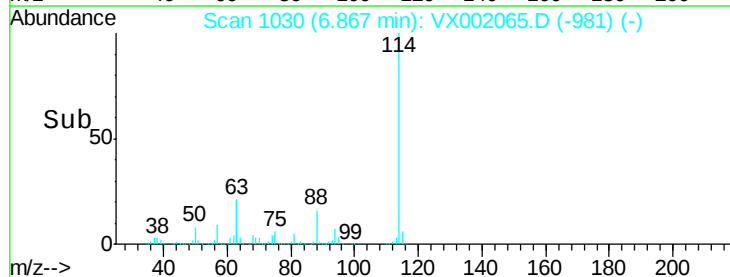
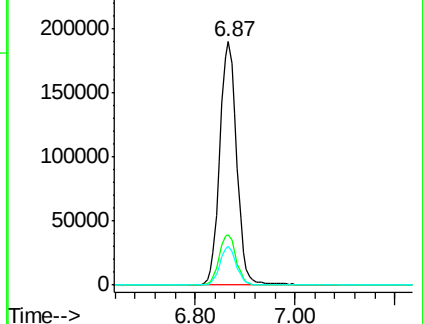
88 15.9 0.0 31.6

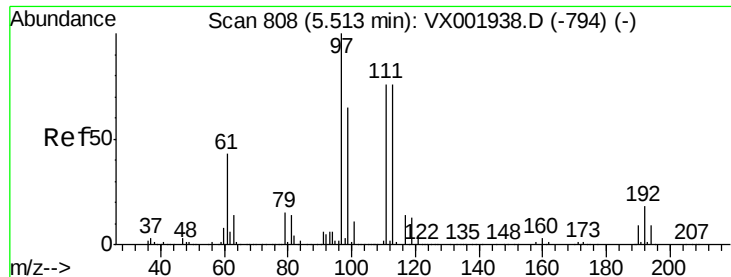


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

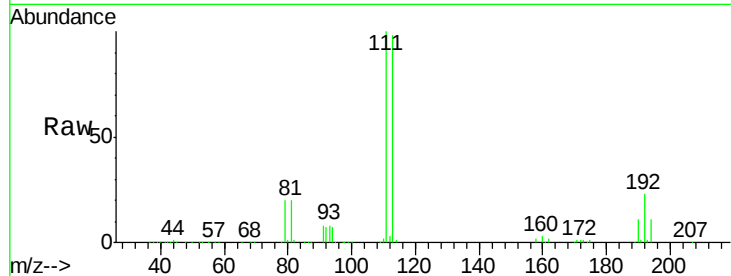




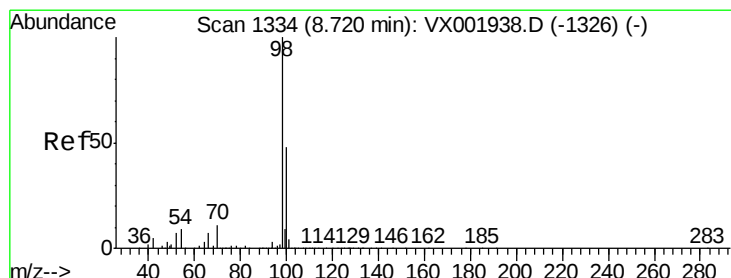
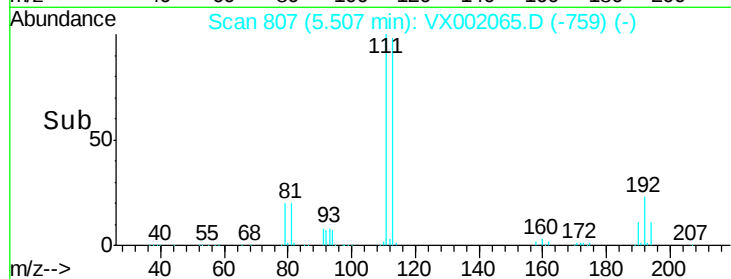
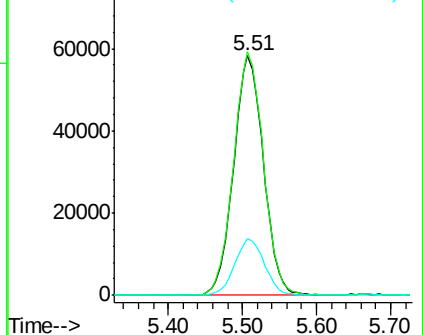
#35
 Dibromofluoromethane
 Concen: 36.54 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002065.D
 Acq: 27 May 2018 13:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	23.5	18.9	28.3

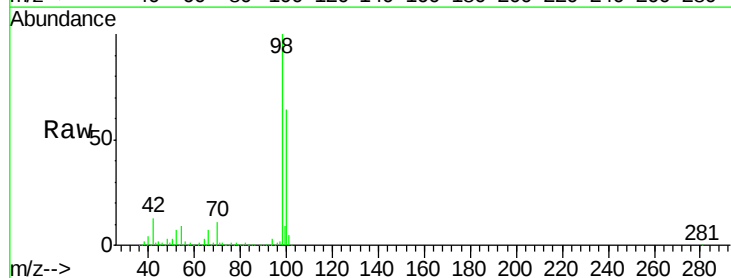


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

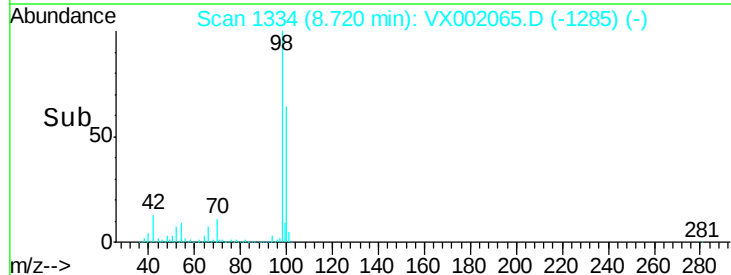
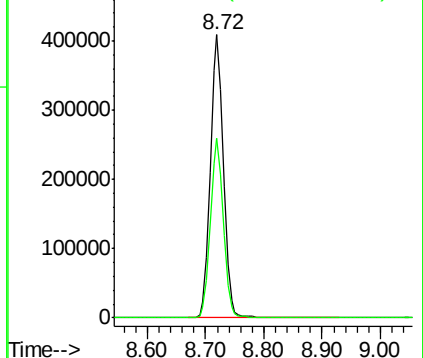


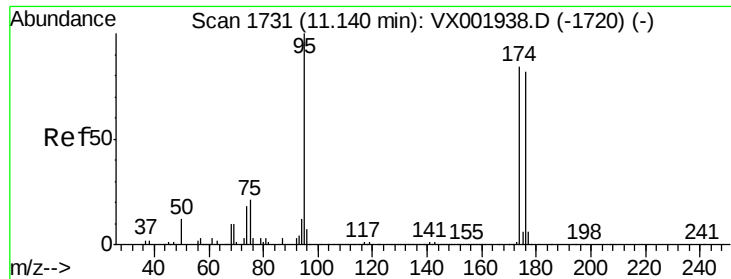
#50
 Toluene-d8
 Concen: 39.33 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002065.D
 Acq: 27 May 2018 13:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.5	77.3



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

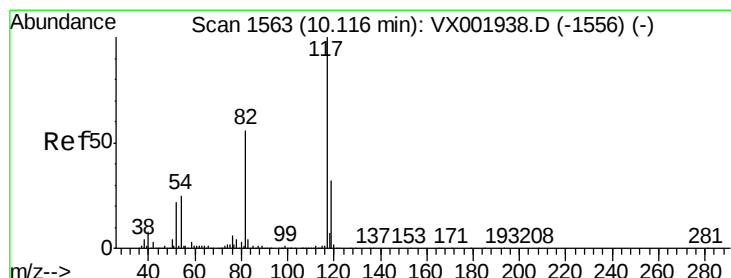
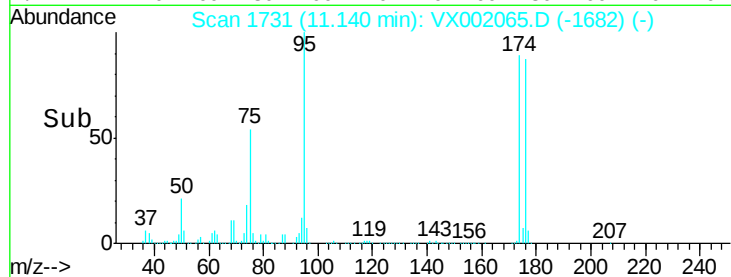
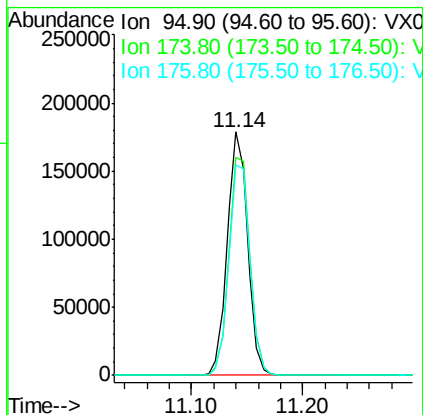
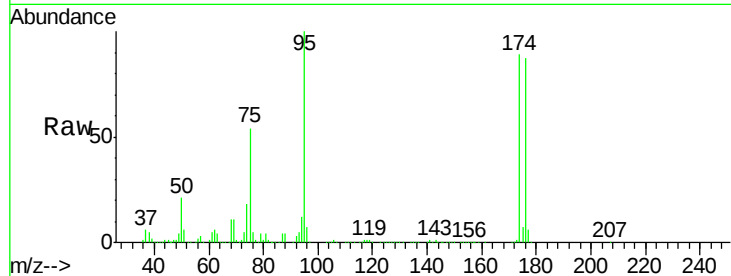




#62
4-Bromofluorobenzene
Concen: 35.44 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002065.D
Acq: 27 May 2018 13:46

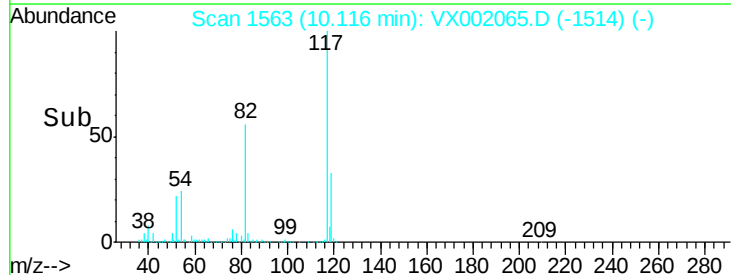
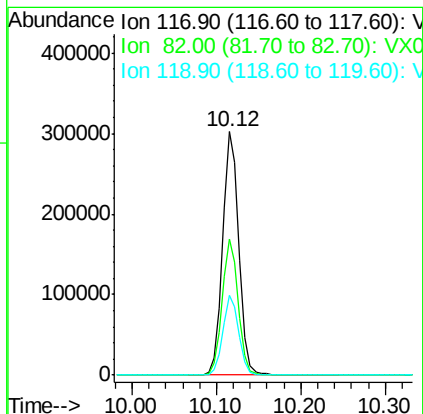
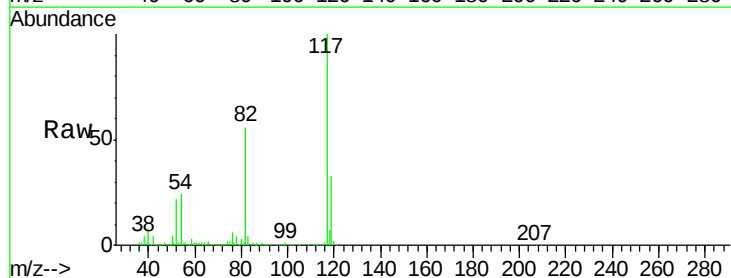
Instrument :
MSVOA_X
ClientSampleId :

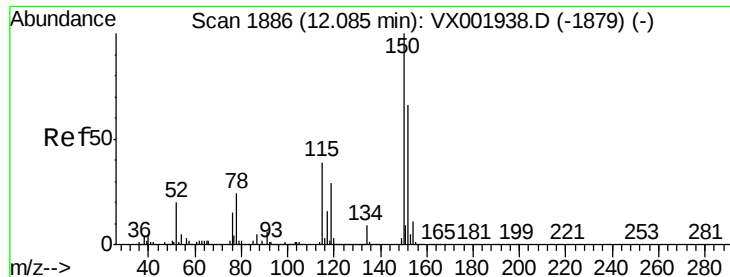
Tot Ion: 95 Resp: 225329
Ion Ratio Lower Upper
95 100
174 92.9 0.0 178.8
176 89.9 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002065.D
Acq: 27 May 2018 13:46

Tgt Ion: 117 Resp: 401854
Ion Ratio Lower Upper
117 100
82 55.9 44.8 67.2
119 32.5 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: VX002065.D

Acq: 27 May 2018 13:46

Instrument :

MSVOA_X

ClientSampleId :

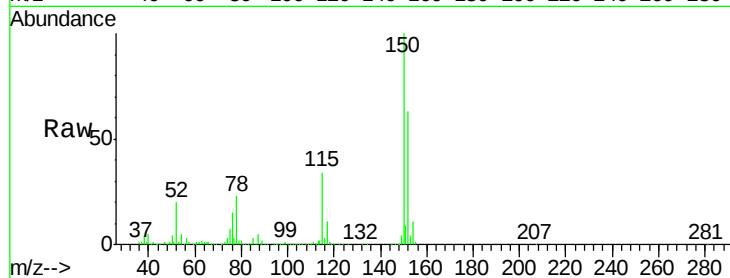
Tot Ion:152 Resp: 219400

Ion Ratio Lower Upper

152 100

115 55.3 42.3 126.8

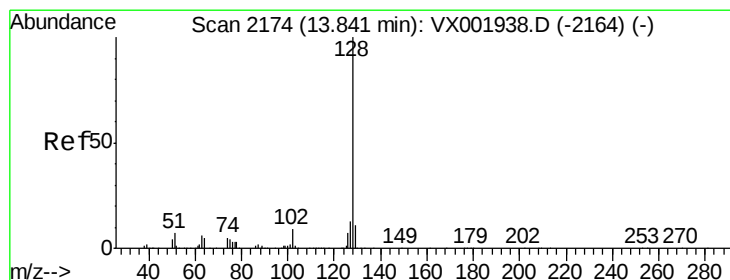
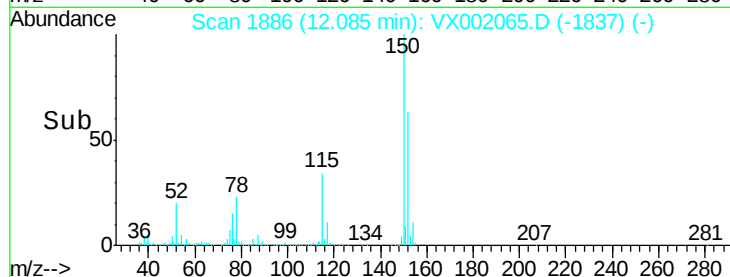
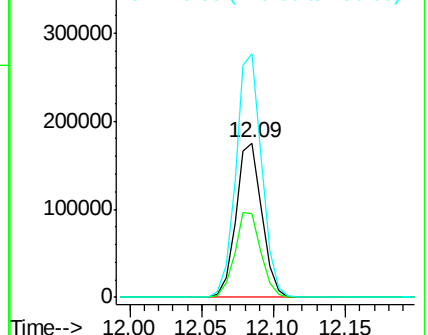
150 157.4 0.0 351.0



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: 6.51 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002065.D

Acq: 27 May 2018 13:46

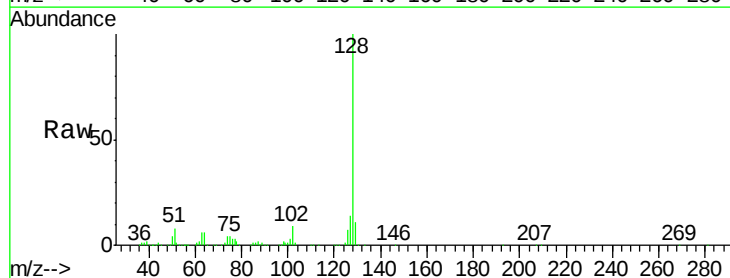
Tgt Ion:128 Resp: 128968

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.4 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

