

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002082.D
 Acq On : 27 May 2018 21:17
 Operator : JC/MD
 Sample : J3114-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 29 08:52:40 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

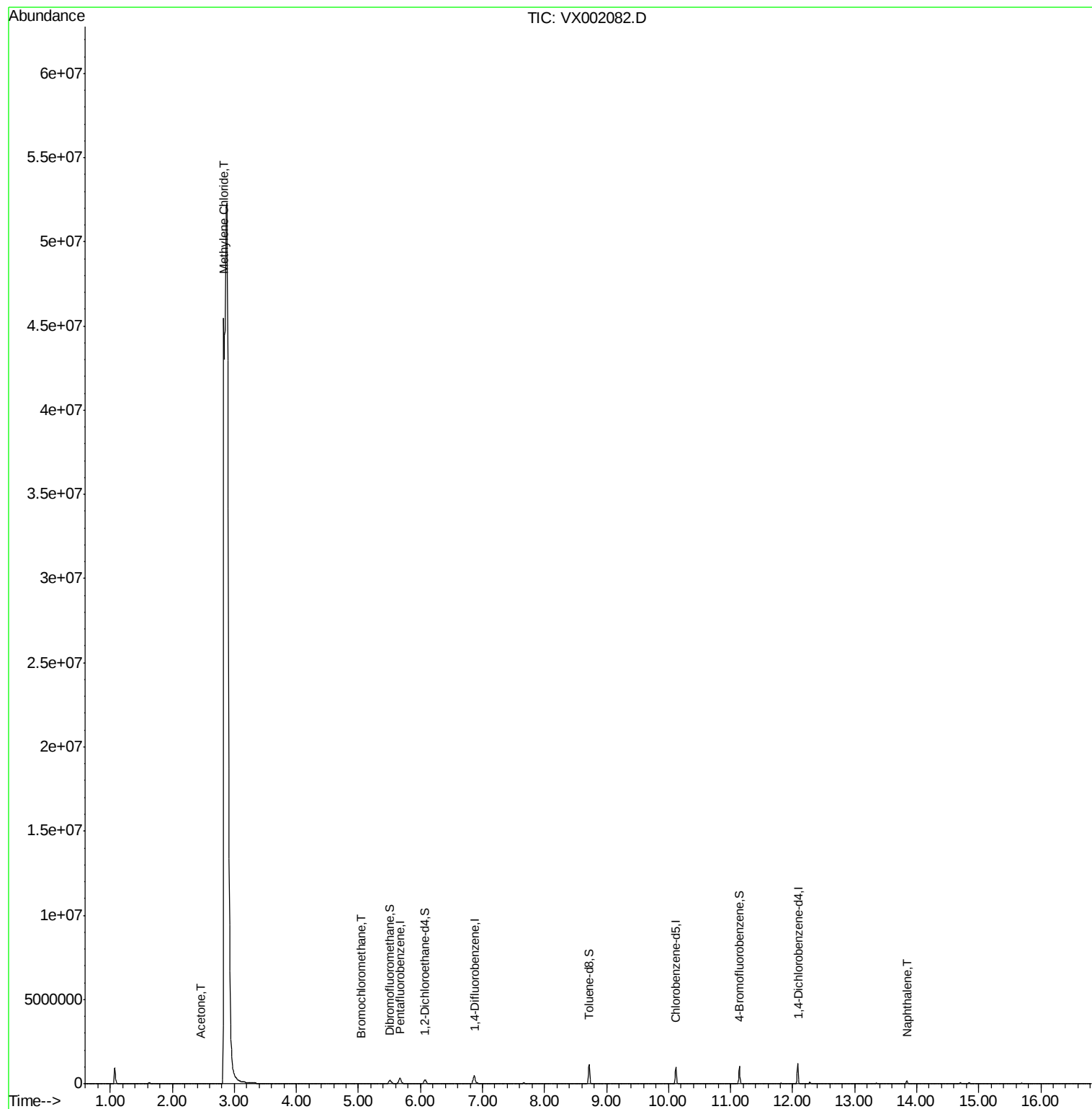
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	329299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	463192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	431518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	248140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	216787	36.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.66%	
35) Dibromofluoromethane	5.51	113	168973	36.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.96%	
50) Toluene-d8	8.72	98	666613	39.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.50%	
62) 4-Bromofluorobenzene	11.14	95	247081	37.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.32%	
Target Compounds						
16) Acetone	2.45	43	18557	8.17	ug/l	95
20) Methylene Chloride	2.82	84	48794150m	12831.65	ug/l	
28) Bromochloromethane	5.04	49	23071	5.22	ug/l	98
95) Naphthalene	13.84	128	98485	4.39	ug/l	99

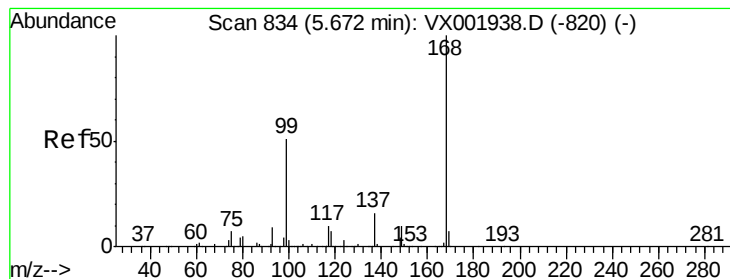
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002082.D

Acq: 27 May 2018 21:17

Instrument :

MSVOA_X

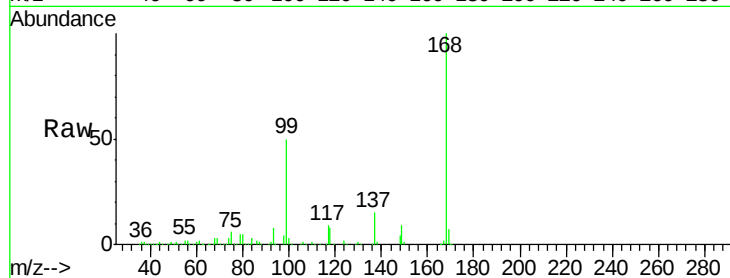
ClientSampleId :

Tot Ion:168 Resp: 329299

Ion Ratio Lower Upper

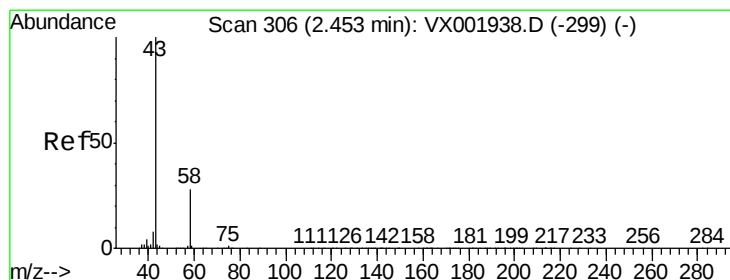
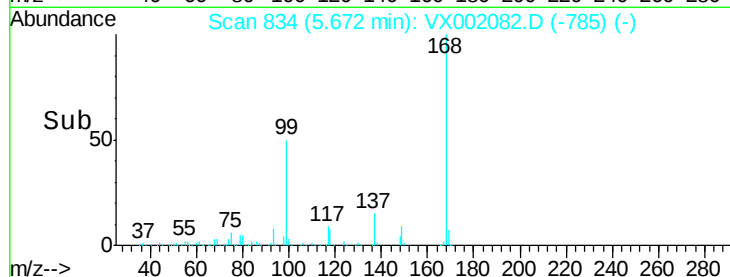
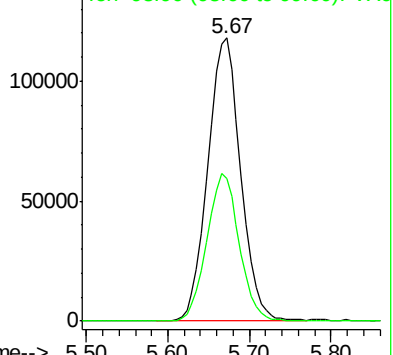
168 100

99 50.3 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.17 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002082.D

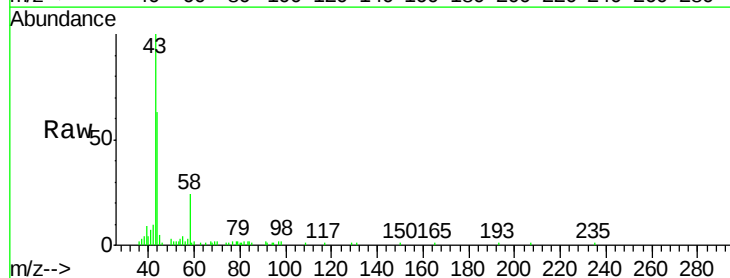
Acq: 27 May 2018 21:17

Tgt Ion: 43 Resp: 18557

Ion Ratio Lower Upper

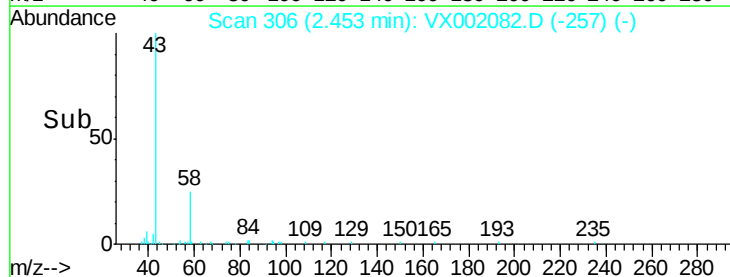
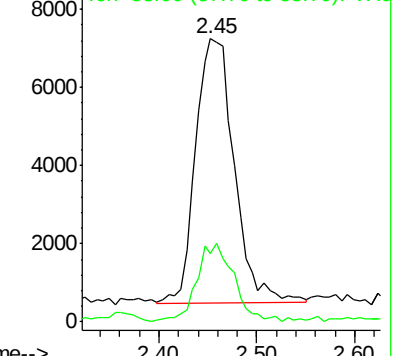
43 100

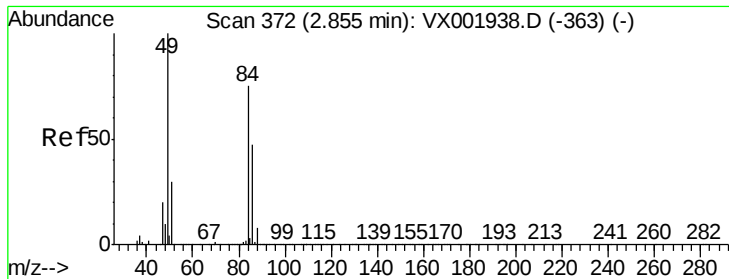
58 25.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

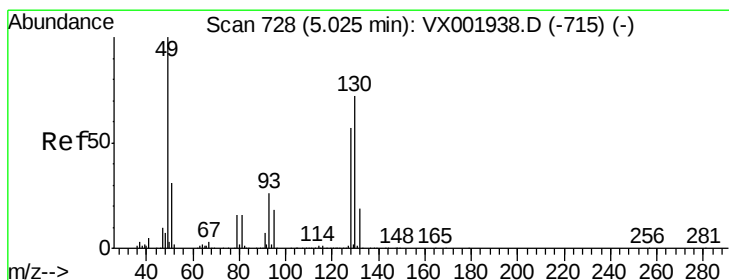
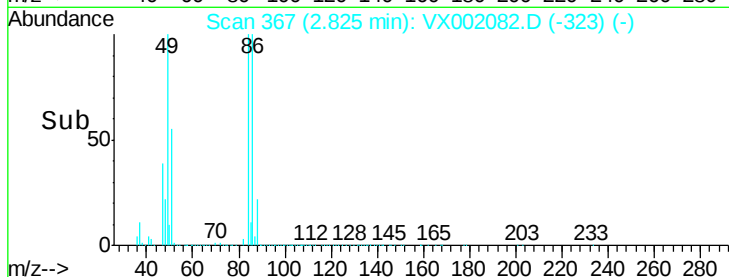
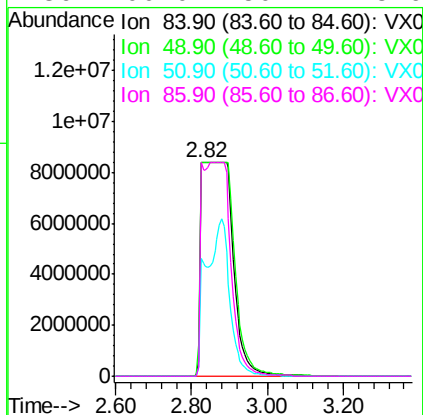
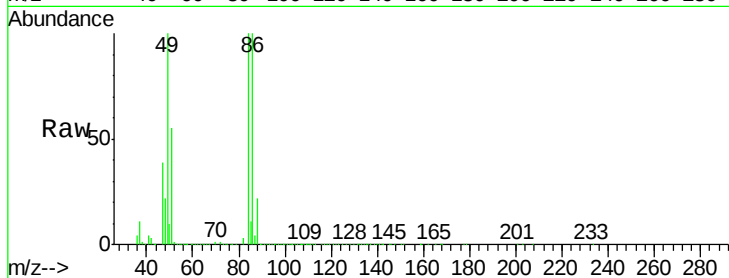




#20
Methvlene Chloride
Concen: 12831.65 ug/l m
RT: 2.82 min Scan# 367
Delta R.T. -0.03 min
Lab File: VX002082.D
Acq: 27 May 2018 21:17

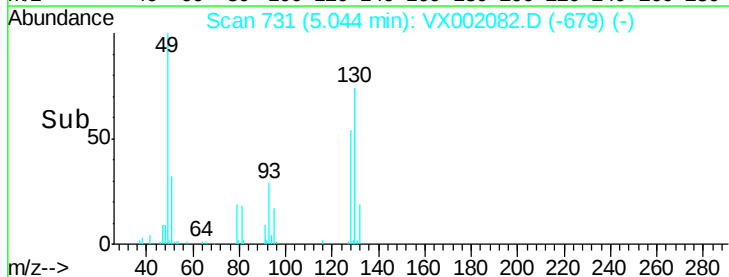
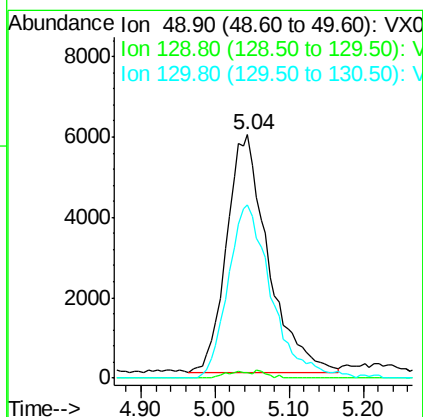
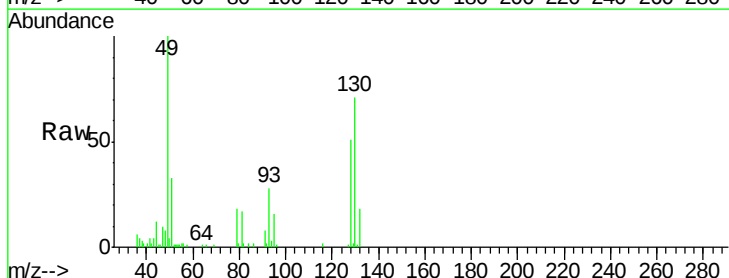
Instrument :
MSVOA_X
ClientSampleId :

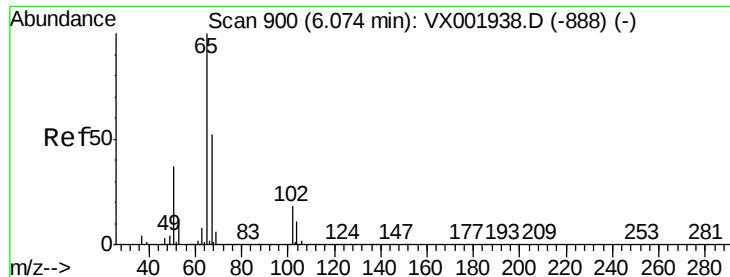
Tot Ion: 84 Resp:48794150
Ion Ratio Lower Upper
84 100
49 100.0 107.2 160.8#
51 55.4 32.4 48.6#
86 100.0 50.4 75.6#



#28
Bromochloromethane
Concen: 5.22 ug/l
RT: 5.04 min Scan# 731
Delta R.T. 0.02 min
Lab File: VX002082.D
Acq: 27 May 2018 21:17

Tgt Ion: 49 Resp: 23071
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.8
130 76.1 59.4 89.2

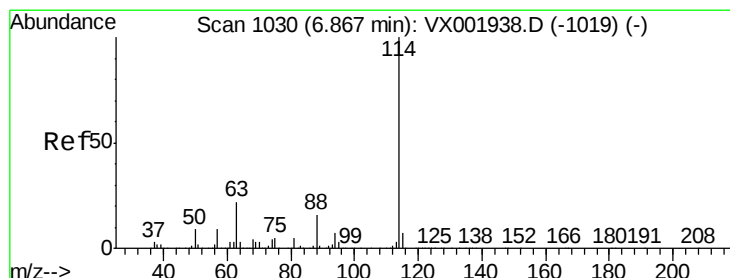
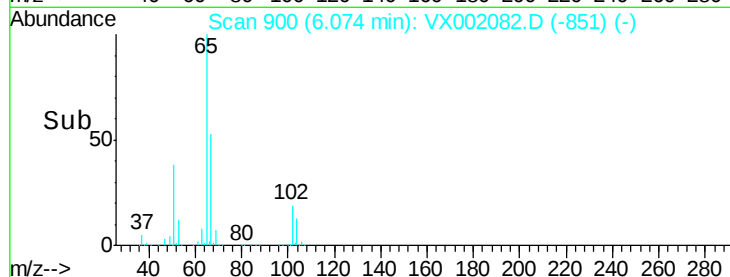
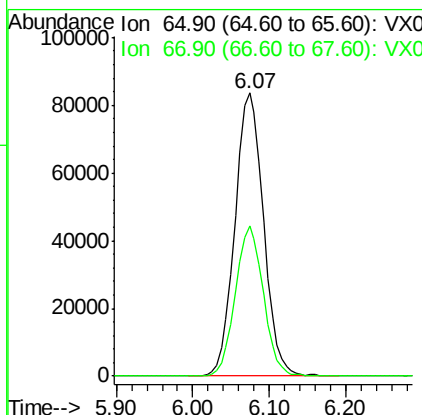
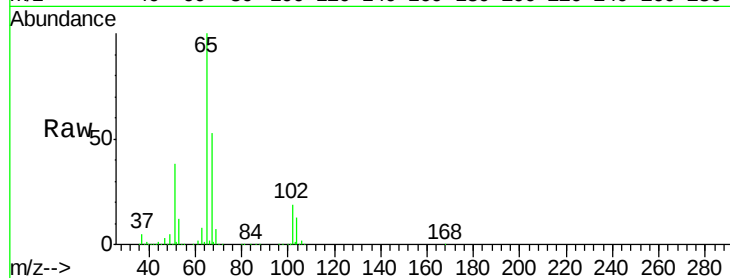




#33
 1,2-Dichloroethane-d4
 Concen: 36.83 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002082.D
 Acq: 27 May 2018 21:17

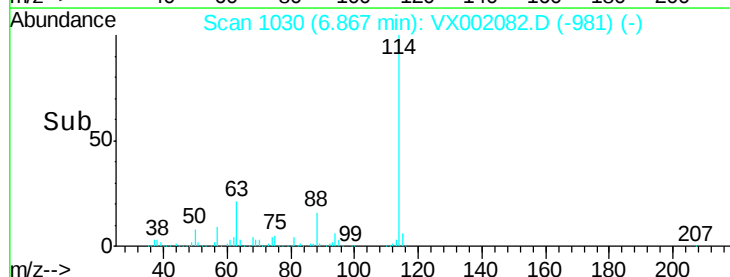
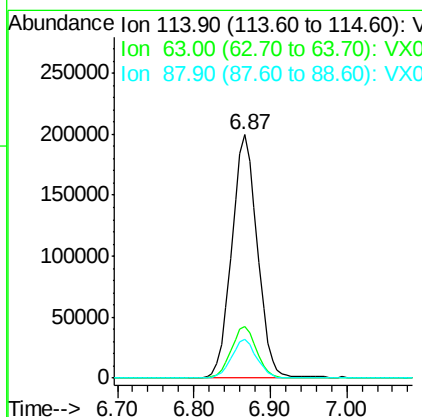
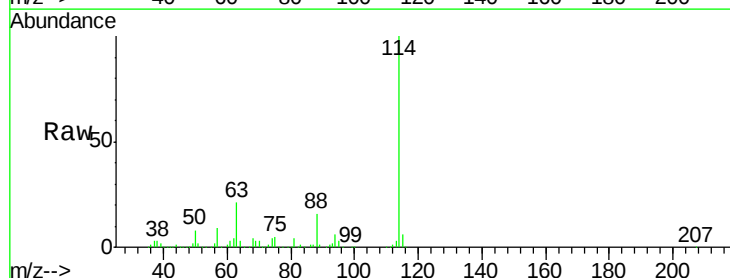
Instrument :
 MSVOA_X
 ClientSampleId :

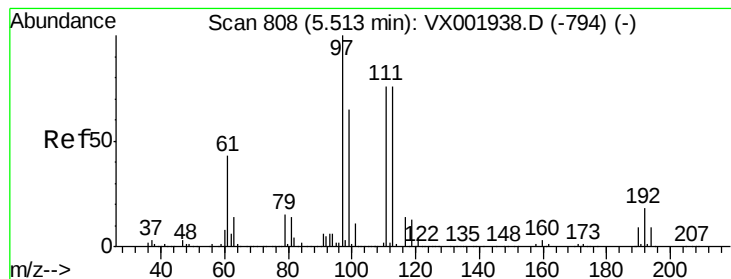
Tot Ion: 65 Resp: 216787
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002082.D
 Acq: 27 May 2018 21:17

Tgt Ion: 114 Resp: 463192
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 36.48 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002082.D

Acq: 27 May 2018 21:17

Instrument :
MSVOA_X
ClientSampleId :

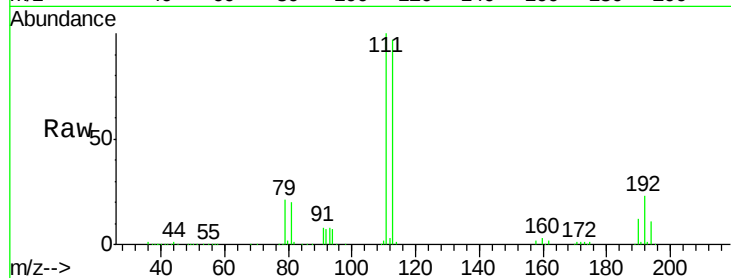
Tot Ion:113 Resp: 168973

Ion Ratio Lower Upper

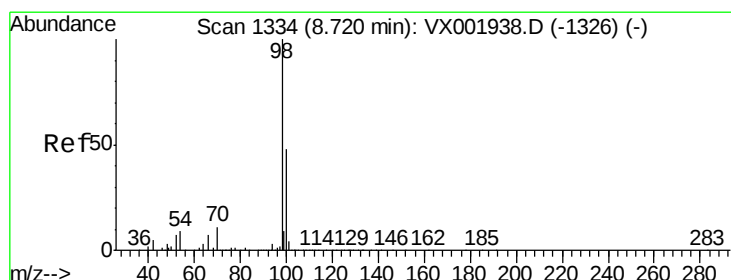
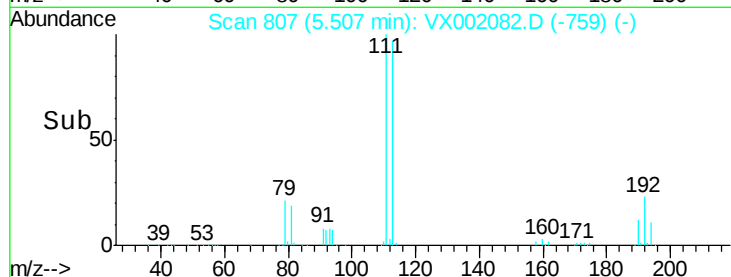
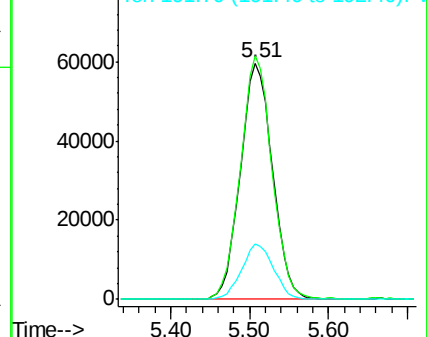
113 100

111 101.3 82.0 123.0

192 23.2 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: 39.75 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002082.D

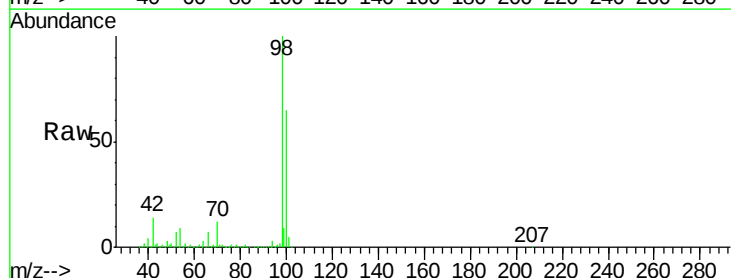
Acq: 27 May 2018 21:17

Tgt Ion: 98 Resp: 666613

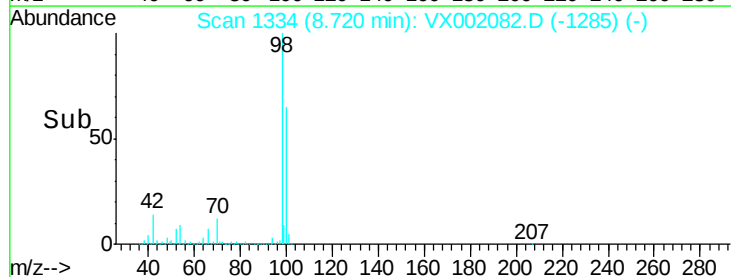
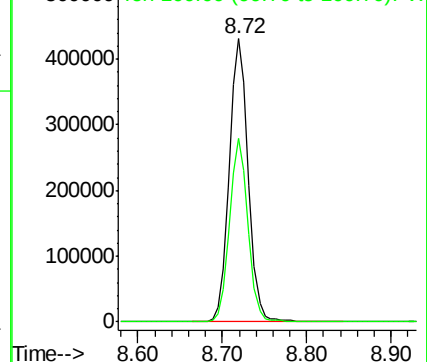
Ion Ratio Lower Upper

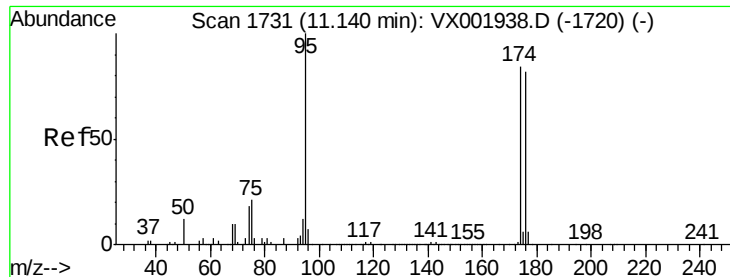
98 100

100 63.4 51.5 77.3



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

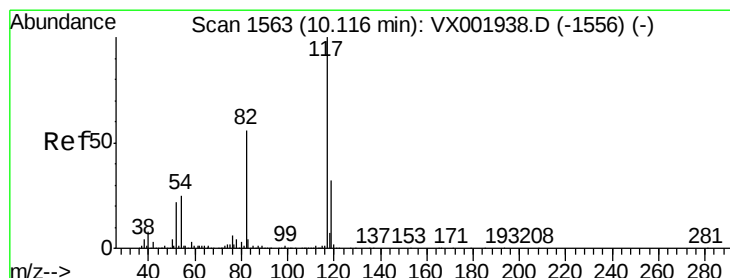
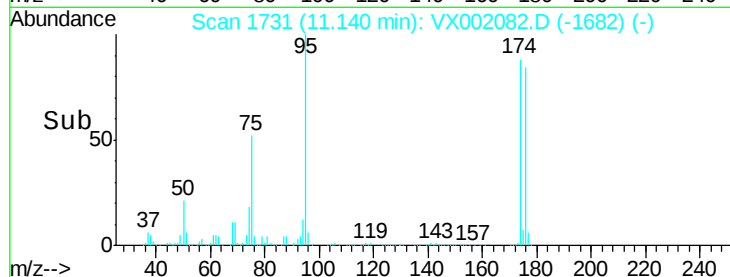
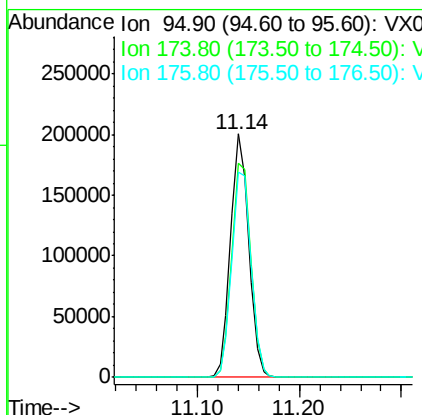
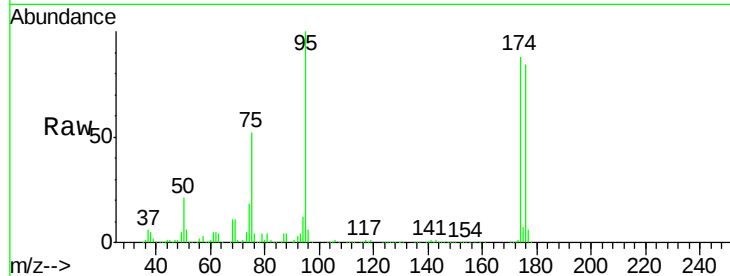




#62
4-Bromofluorobenzene
Concen: 37.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002082.D
Acq: 27 May 2018 21:17

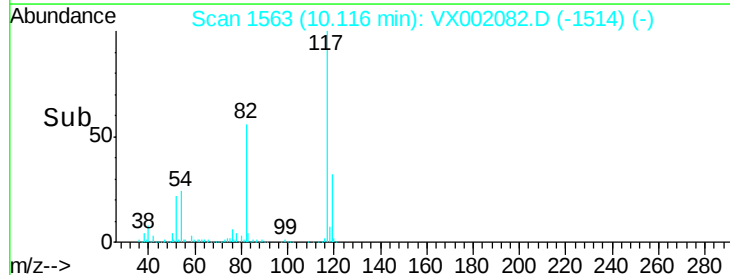
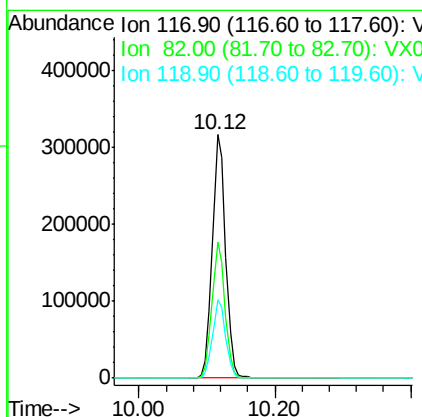
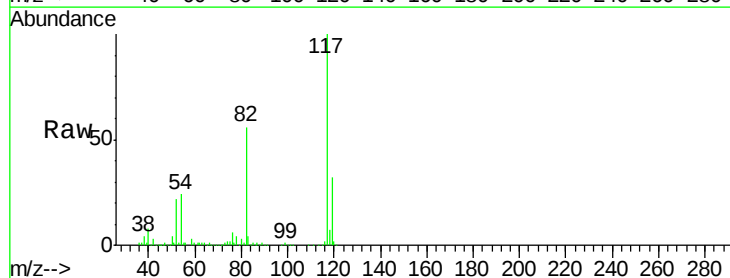
Instrument :
MSVOA_X
ClientSampleId :

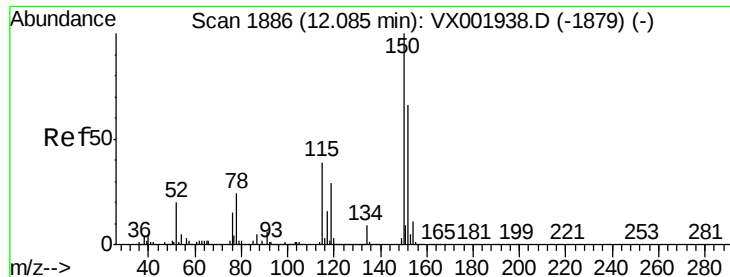
Tot Ion: 95 Resp: 247081
Ion Ratio Lower Upper
95 100
174 92.7 0.0 178.8
176 89.7 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002082.D
Acq: 27 May 2018 21:17

Tgt Ion: 117 Resp: 431518
Ion Ratio Lower Upper
117 100
82 55.8 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: VX002082.D

Acq: 27 May 2018 21:17

Instrument :

MSVOA_X

ClientSampleId :

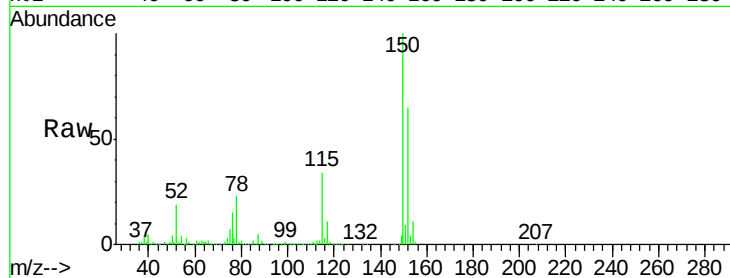
Tot Ion:152 Resp: 248140

Ion Ratio Lower Upper

152 100

115 54.5 42.3 126.8

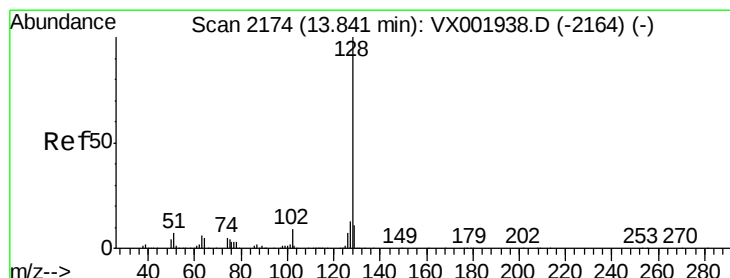
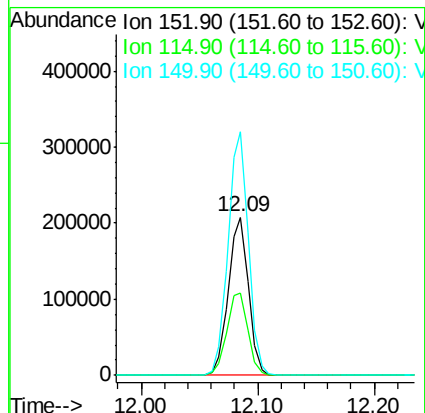
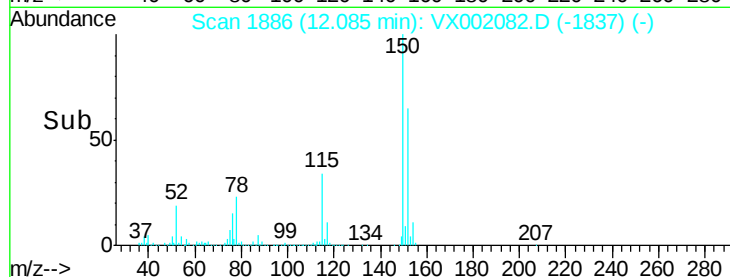
150 154.9 0.0 351.0



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: 4.39 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002082.D

Acq: 27 May 2018 21:17

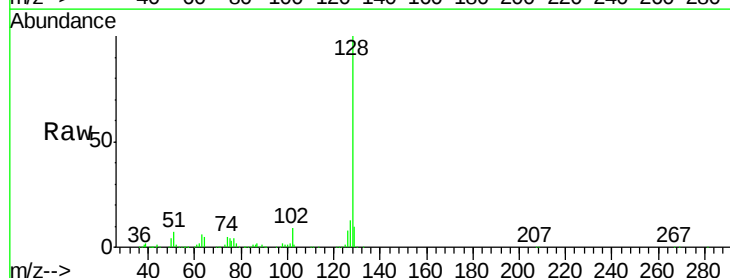
Tgt Ion:128 Resp: 98485

Ion Ratio Lower Upper

128 100

127 13.4 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

