

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032818\
 Data File : VX000491.D
 Acq On : 28 Mar 2018 16:17
 Operator : JC/MD
 Sample : J2086-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RS-124023-124035

Quant Time: Mar 29 04:41:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

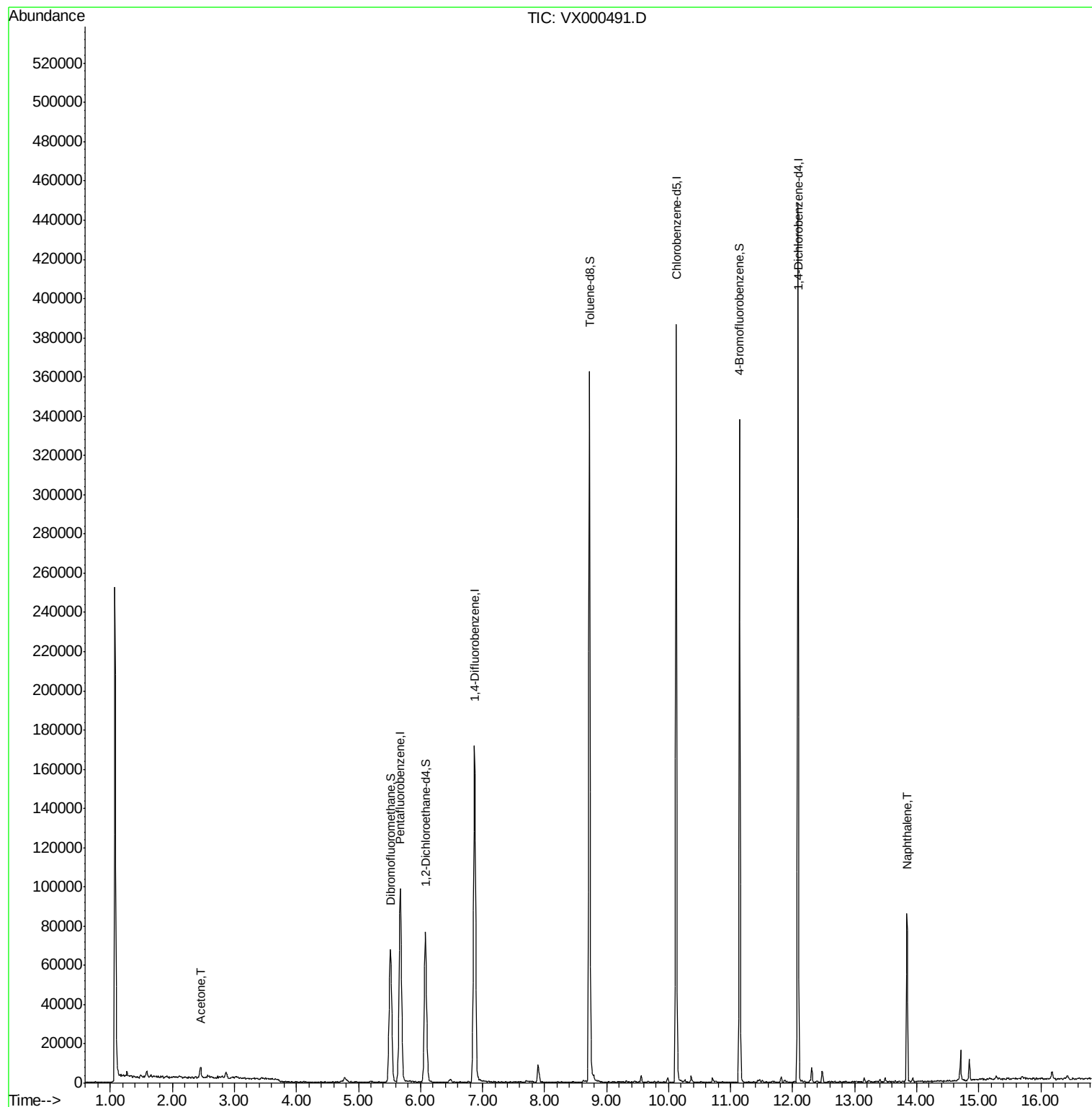
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	94107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	169589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	166737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	70204	57.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.30%	
35) Dibromofluoromethane	5.52	113	54661	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
50) Toluene-d8	8.73	98	213816	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.15	95	71725	39.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.58%	
Target Compounds						
16) Acetone	2.45	43	6709	6.57	ug/l	91
95) Naphthalene	13.84	128	50755	7.31	ug/l	99

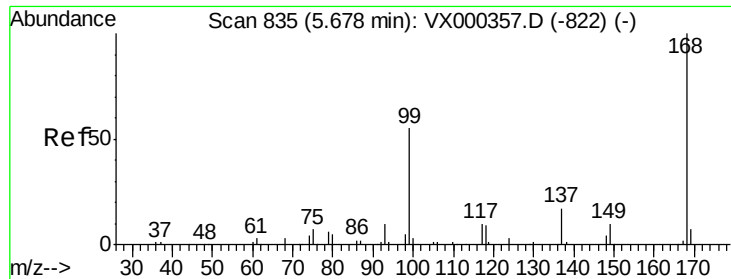
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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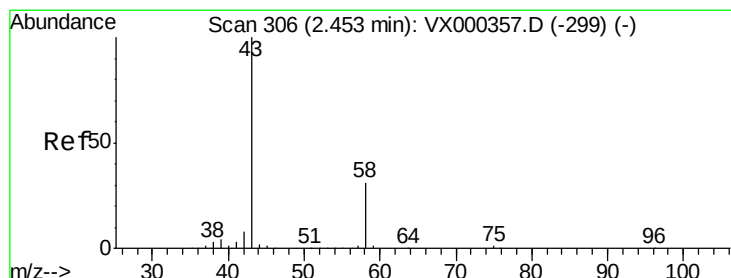
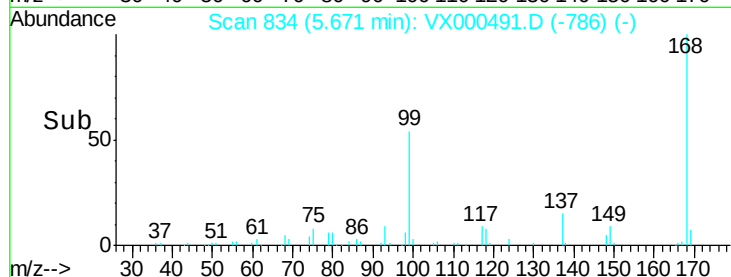
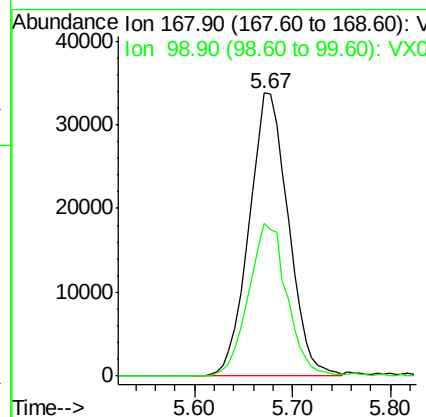
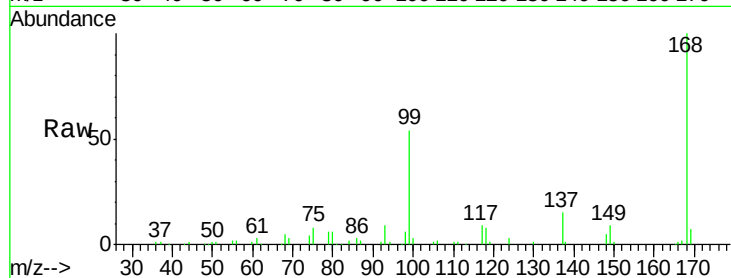




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000491.D
Acq: 28 Mar 2018 16:17

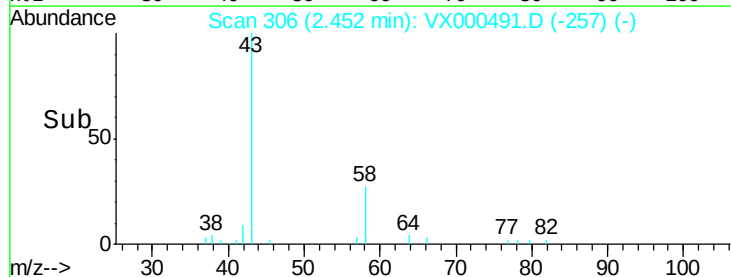
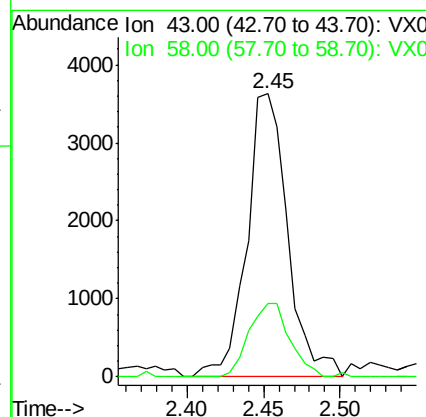
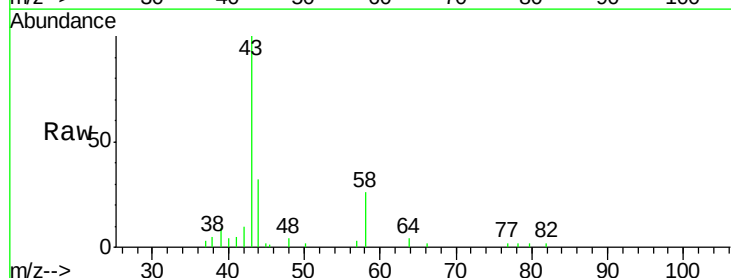
Instrument :
MSVOA_X
ClientSampleId :
RS-124023-124035

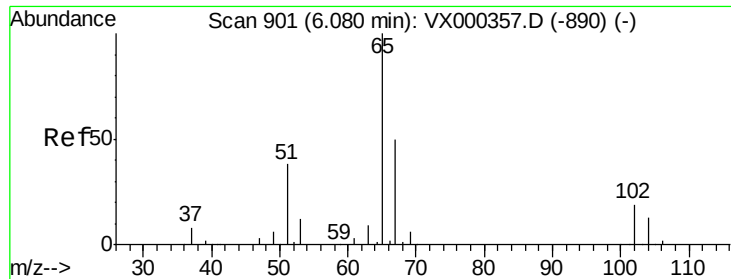
Tot Ion:168 Resp: 94107
Ion Ratio Lower Upper
168 100
99 54.0 45.8 68.6



#16
Acetone
Concen: 6.57 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000491.D
Acq: 28 Mar 2018 16:17

Tgt Ion: 43 Resp: 6709
Ion Ratio Lower Upper
43 100
58 26.1 24.7 37.1

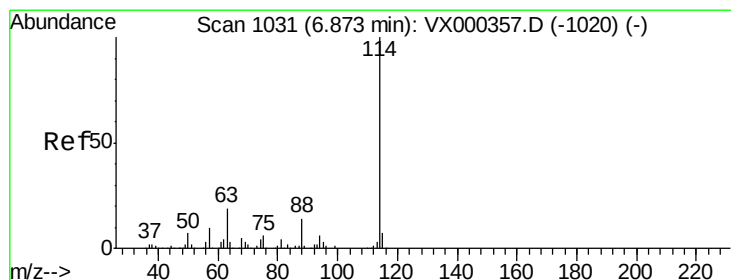
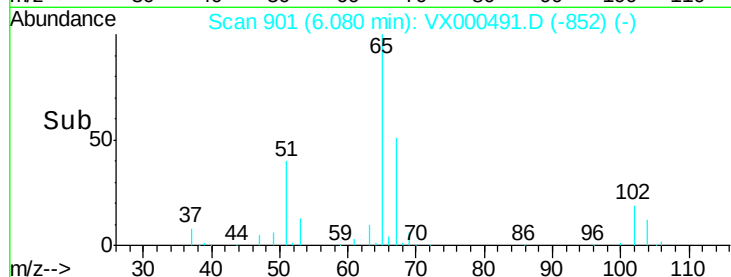
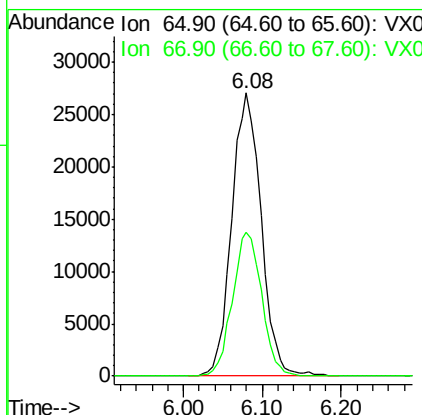
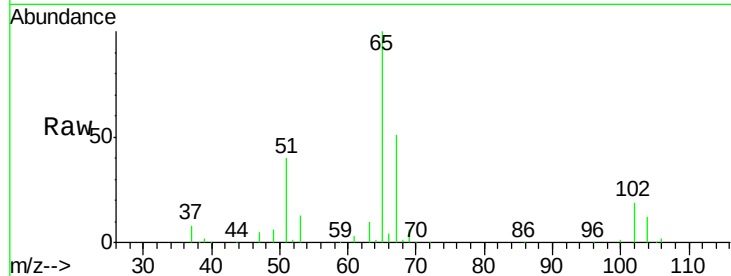




#33
 1,2-Dichloroethane-d4
 Concen: 57.15 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000491.D
 Acq: 28 Mar 2018 16:17

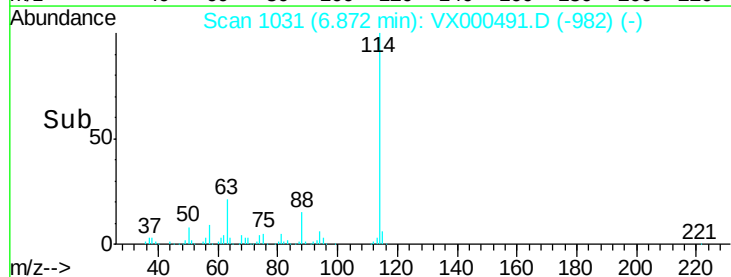
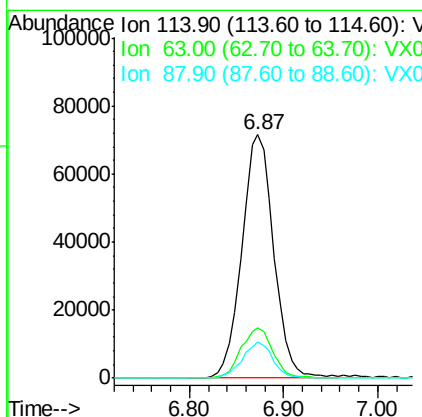
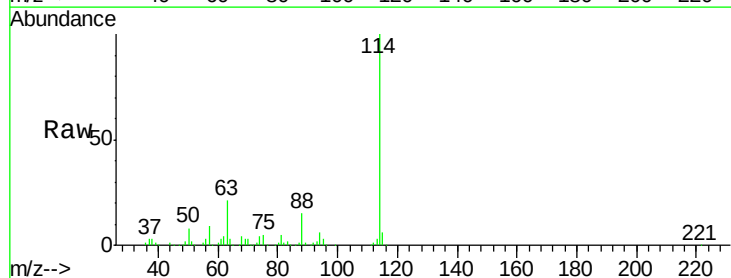
Instrument :
 MSVOA_X
 ClientSampleId :
 RS-124023-124035

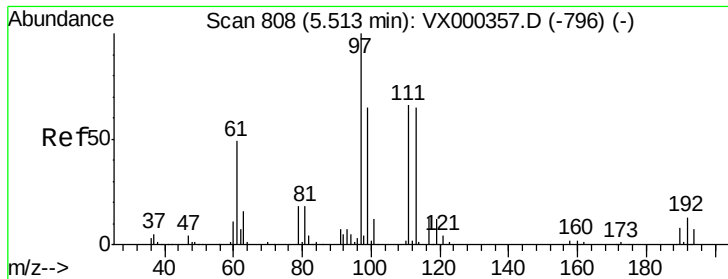
Tot Ion: 65 Resp: 70204
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000491.D
 Acq: 28 Mar 2018 16:17

Tgt Ion: 114 Resp: 169589
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.4
 88 14.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 51.15 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000491.D

Acq: 28 Mar 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

RS-124023-124035

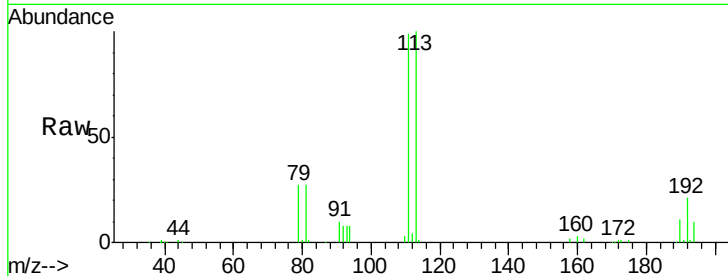
Tot Ion:113 Resp: 54661

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

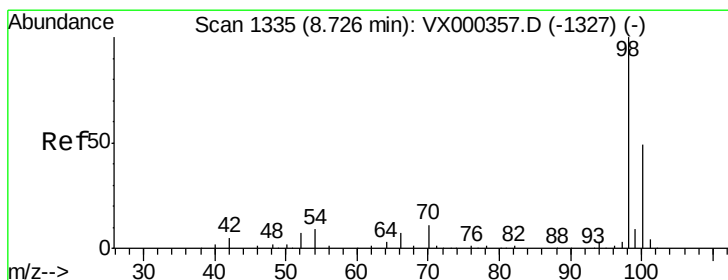
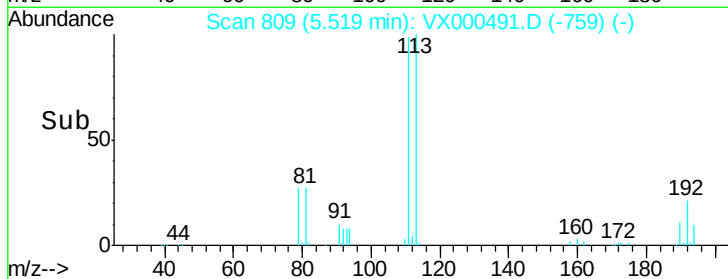
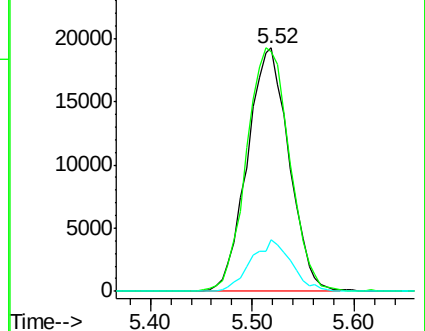
192 20.4 15.8 23.6



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: 48.31 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000491.D

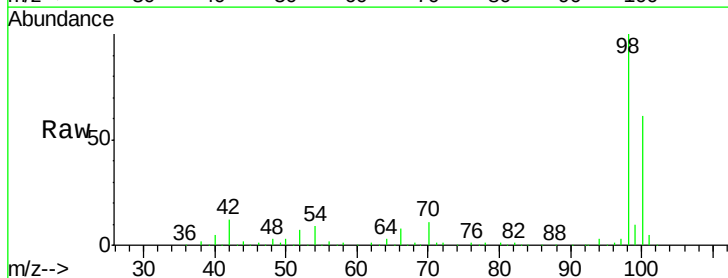
Acq: 28 Mar 2018 16:17

Tgt Ion: 98 Resp: 213816

Ion Ratio Lower Upper

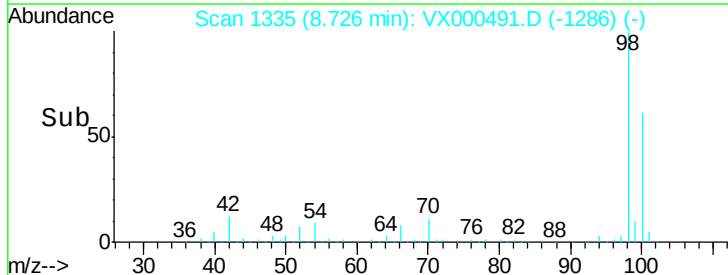
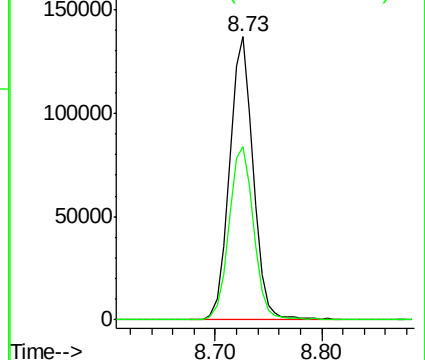
98 100

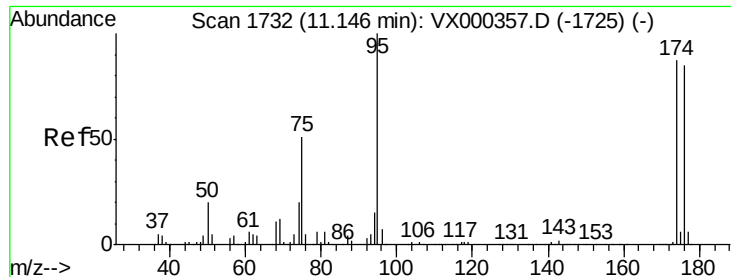
100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

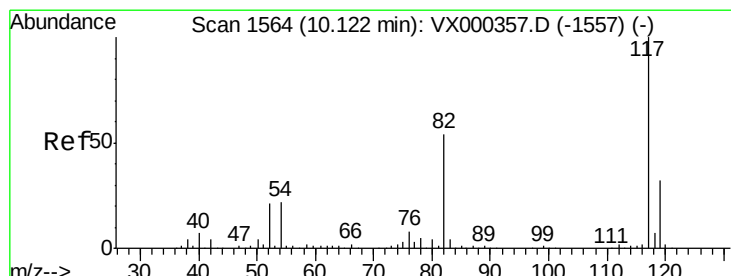
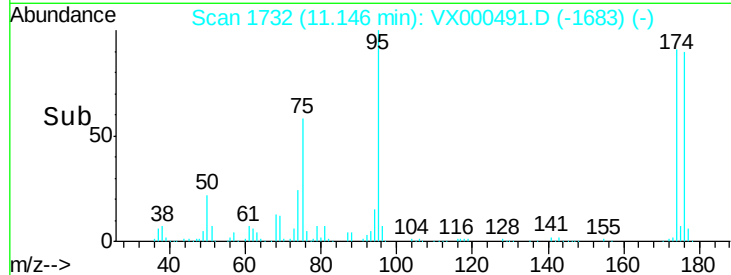
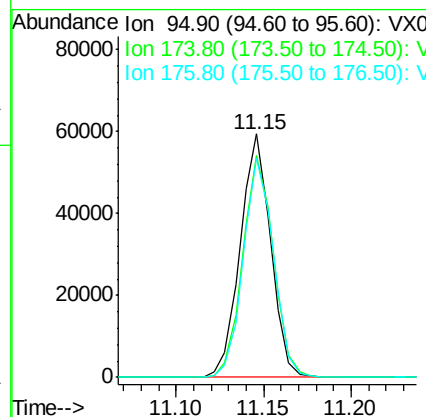
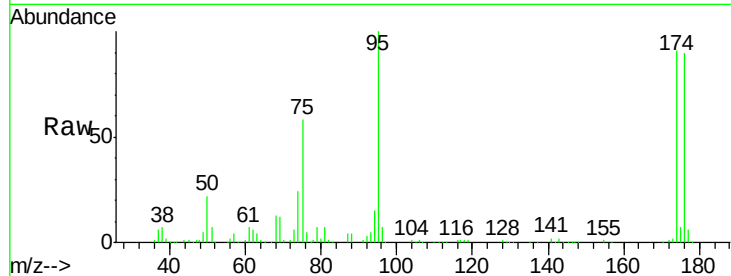




#62
4-Bromofluorobenzene
Concen: 39.79 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000491.D
Acq: 28 Mar 2018 16:17

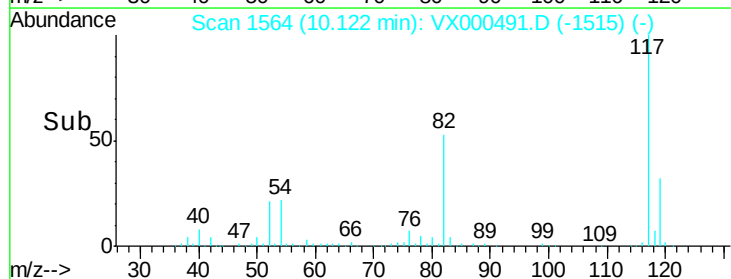
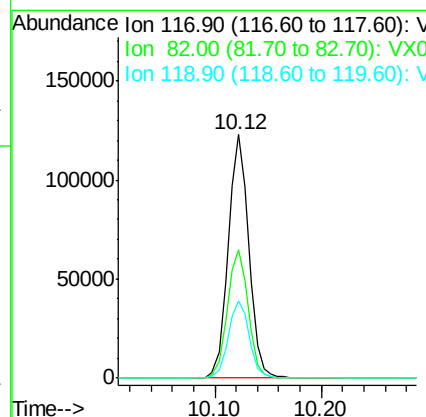
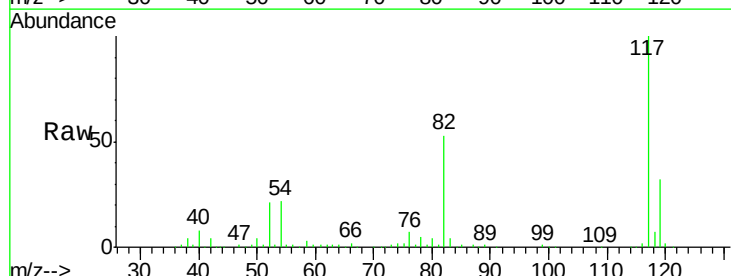
Instrument :
MSVOA_X
ClientSampleId :
RS-124023-124035

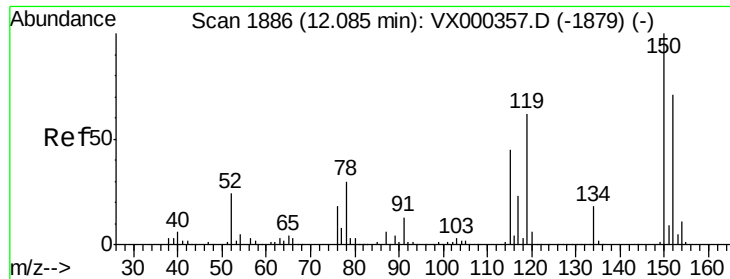
Tot Ion: 95 Resp: 71725
Ion Ratio Lower Upper
95 100
174 92.2 0.0 173.6
176 89.3 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000491.D
Acq: 28 Mar 2018 16:17

Tgt Ion: 117 Resp: 166737
Ion Ratio Lower Upper
117 100
82 52.8 43.8 65.8
119 31.7 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000491.D

Acq: 28 Mar 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

RS-124023-124035

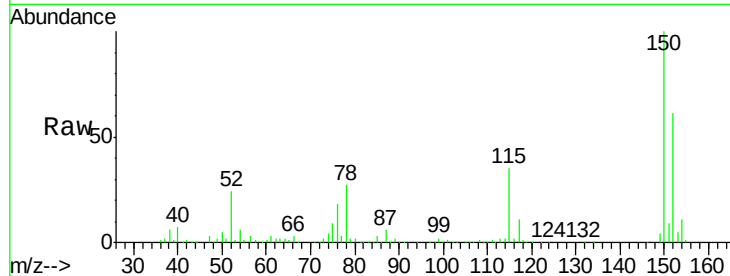
Tot Ion:152 Resp: 84932

Ion Ratio Lower Upper

152 100

115 54.8 39.8 119.3

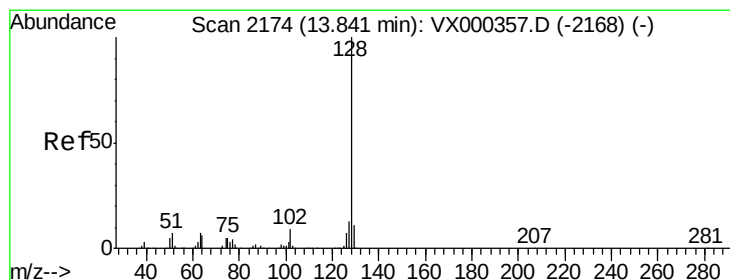
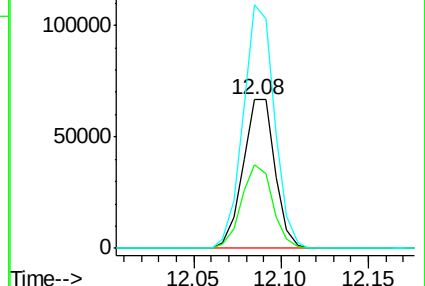
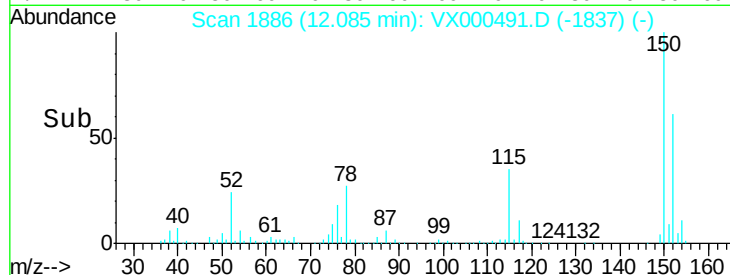
150 159.8 0.0 344.4



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: 7.31 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000491.D

Acq: 28 Mar 2018 16:17

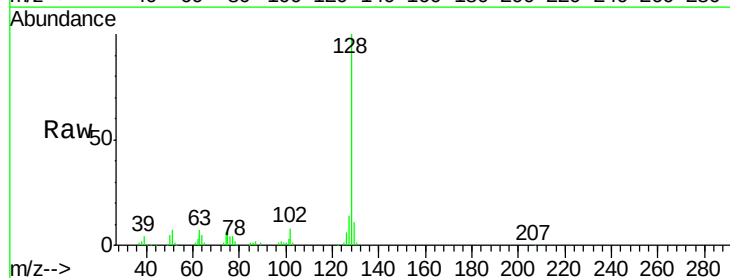
Tgt Ion:128 Resp: 50755

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.1 8.9 13.3



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

