

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032818\
 Data File : VX000494.D
 Acq On : 28 Mar 2018 17:34
 Operator : JC/MD
 Sample : J2088-05 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Mar 29 04:55:26 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

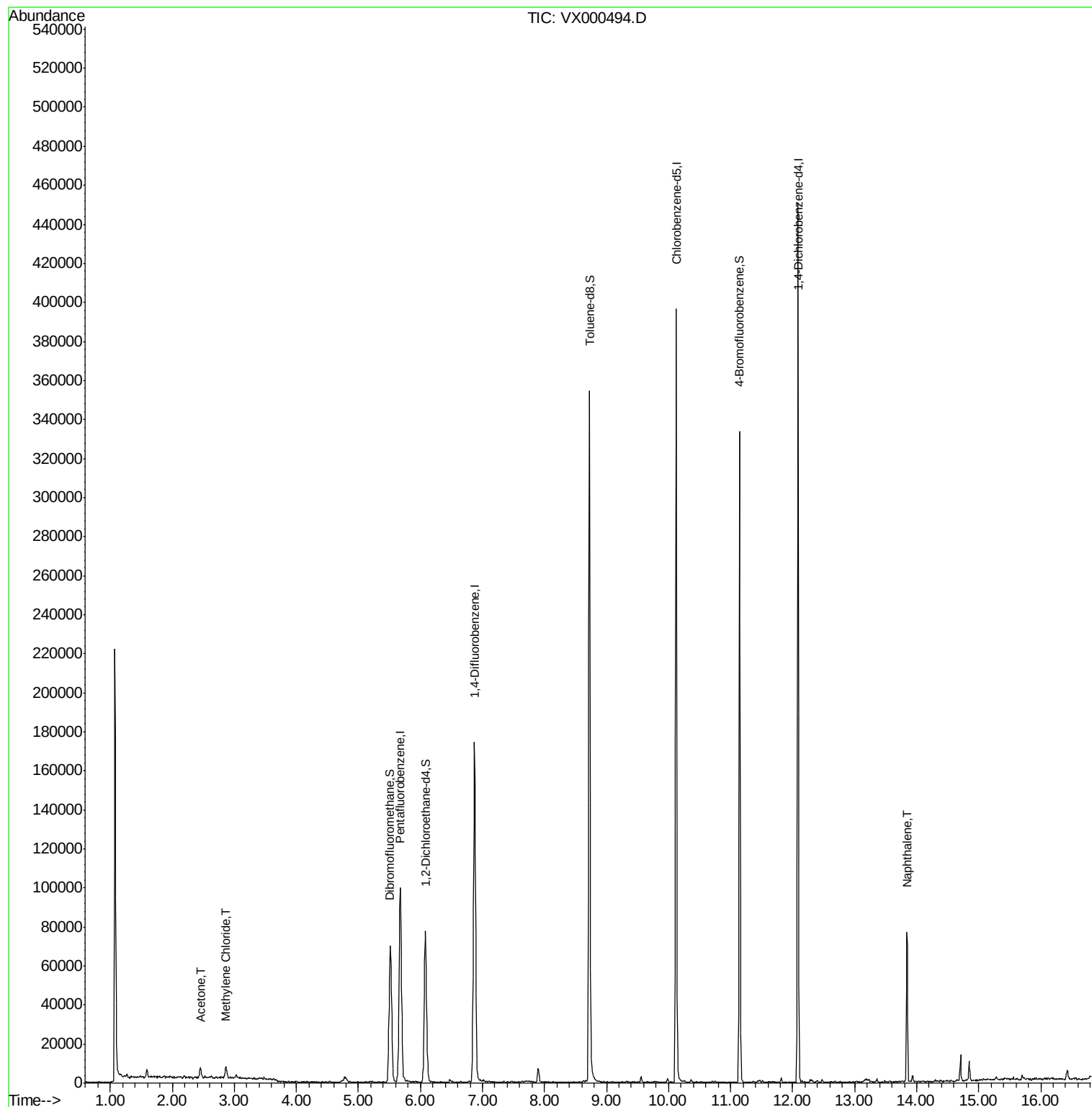
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	93582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	170818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	164468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	85770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	70356	57.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.18%	
35) Dibromofluoromethane	5.51	113	55114	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
50) Toluene-d8	8.73	98	214160	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.15	95	72591	39.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.90%	
Target Compounds						
16) Acetone	2.46	43	6187	6.09	ug/l	94
20) Methylene Chloride	2.87	84	2527	2.15	ug/l	87
95) Naphthalene	13.84	128	45718	6.52	ug/l	99

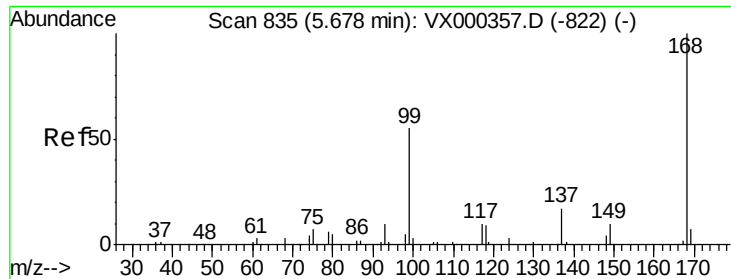
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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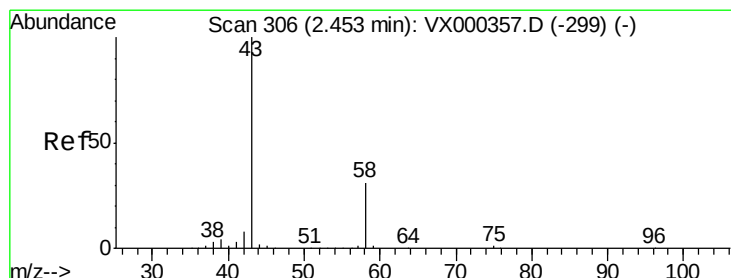
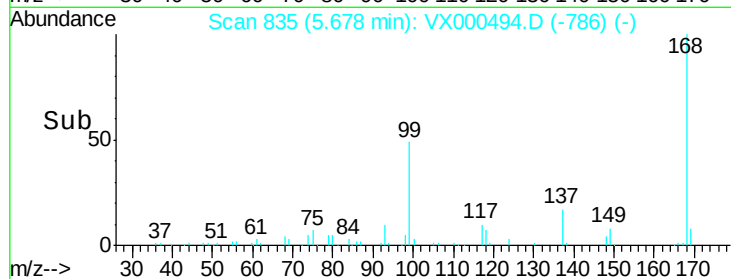
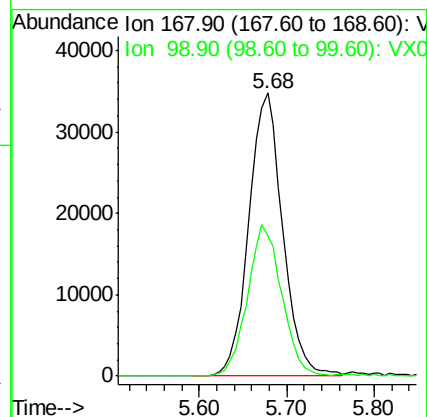
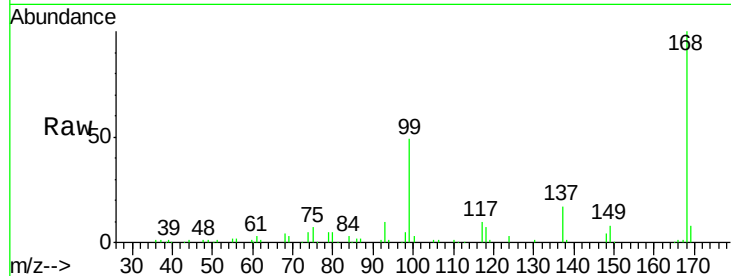




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

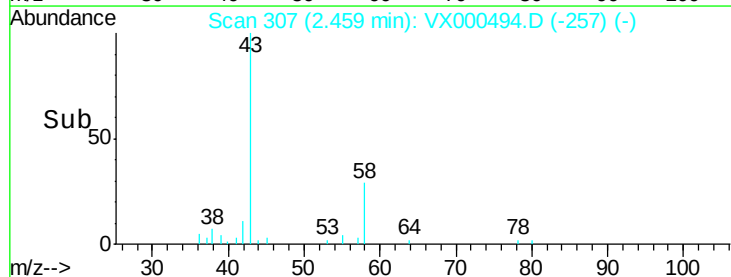
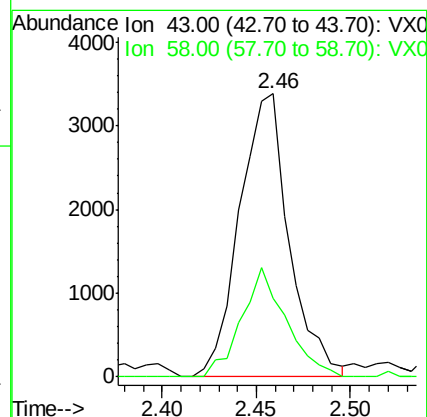
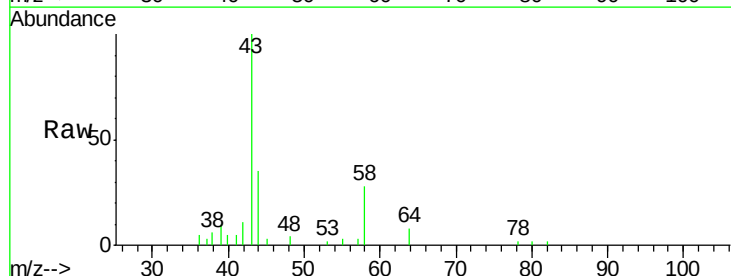
Instrument :
MSVOA_X
ClientSampled :
TP-1

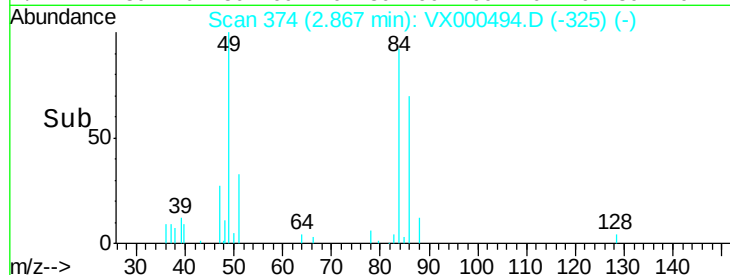
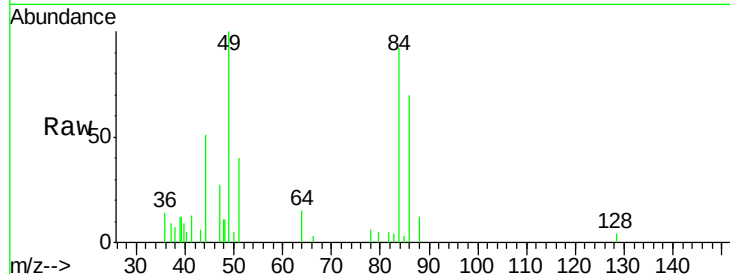
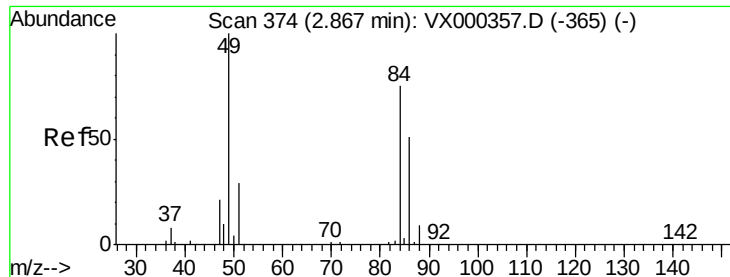
Tot Ion:168 Resp: 93582
Ion Ratio Lower Upper
168 100
99 49.3 45.8 68.6



#16
Acetone
Concen: 6.09 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion: 43 Resp: 6187
Ion Ratio Lower Upper
43 100
58 27.6 24.7 37.1

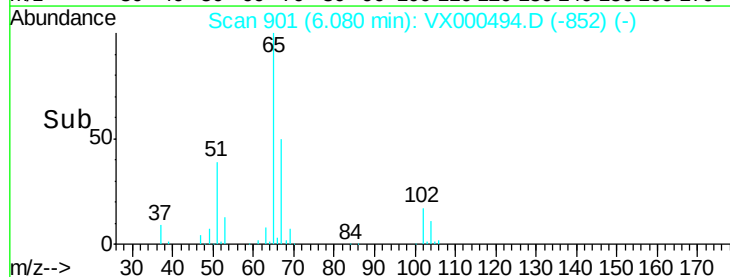
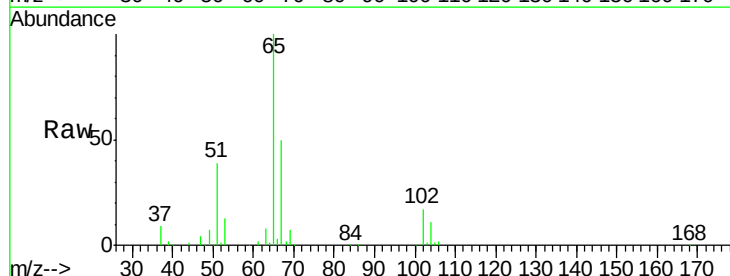
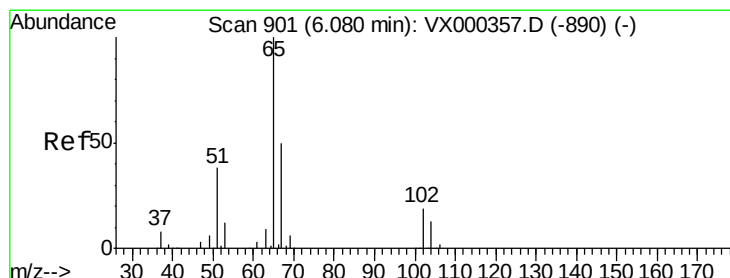
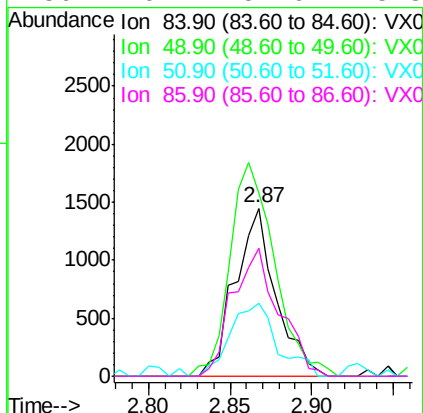




#20
Methylene Chloride
Concen: 2.15 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

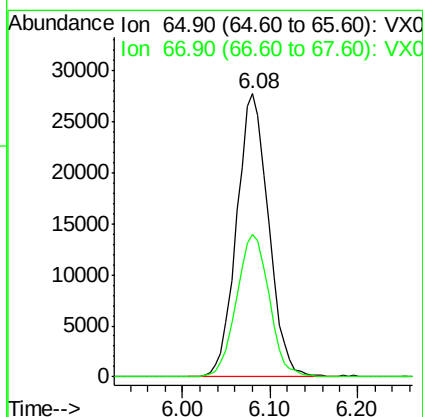
Instrument :
MSVOA_X
ClientSampled :
TP-1

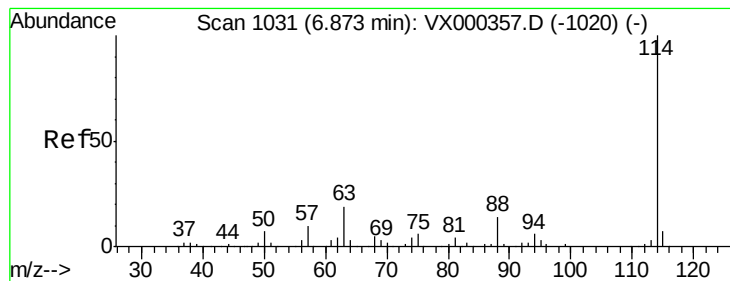
Tot Ion: 84 Resp: 2527
Ion Ratio Lower Upper
84 100
49 108.8 100.6 151.0
51 43.2 31.6 47.4
86 76.2 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 57.59 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion: 65 Resp: 70356
Ion Ratio Lower Upper
65 100
67 51.7 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: VX000494.D

Acq: 28 Mar 2018 17:34

Instrument :

MSVOA_X

ClientSampleId :

TP-1

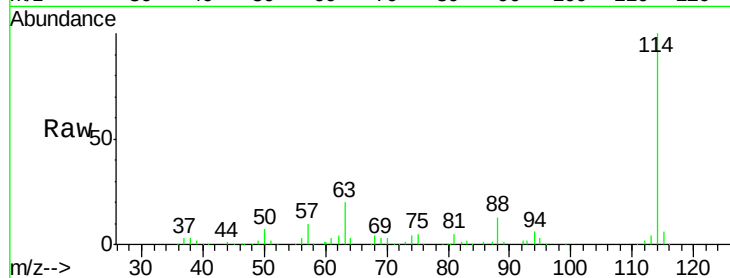
Tot Ion:114 Resp: 170818

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

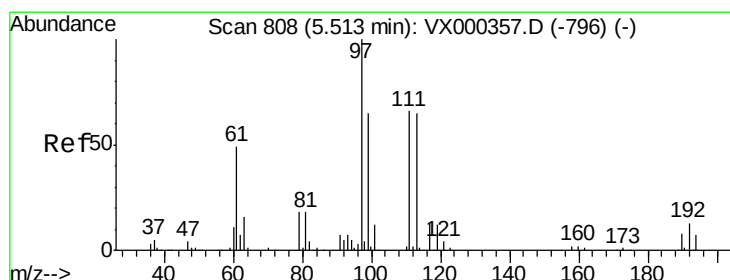
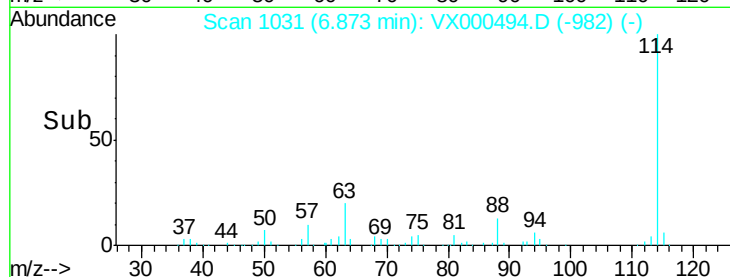
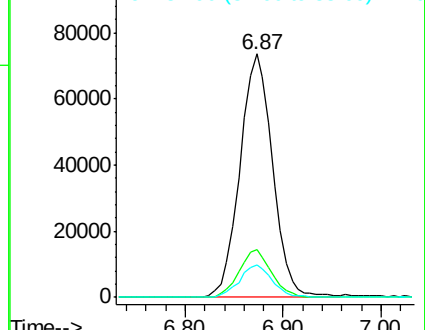
88 13.4 0.0 27.0



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: 51.21 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000494.D

Acq: 28 Mar 2018 17:34

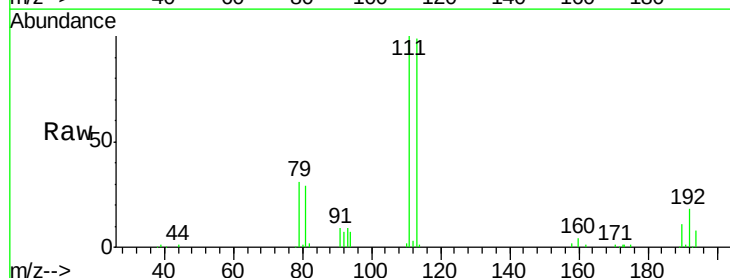
Tgt Ion:113 Resp: 55114

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

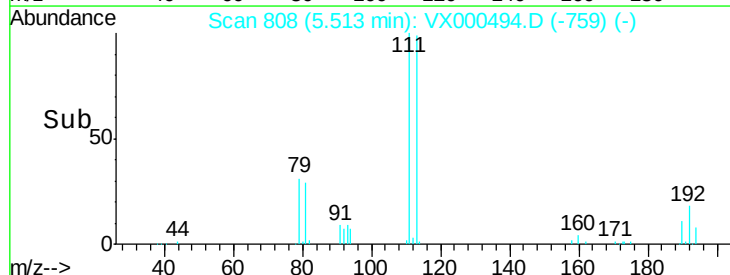
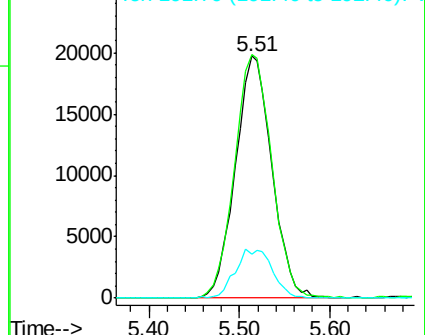
192 20.7 15.8 23.6

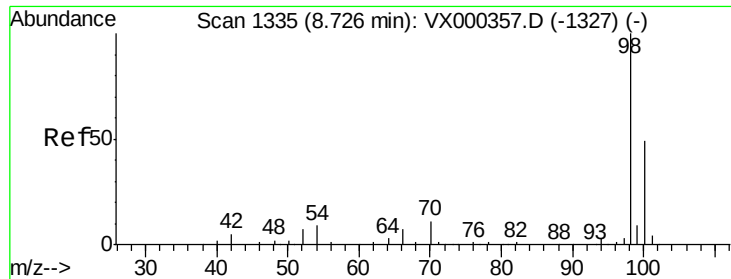


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

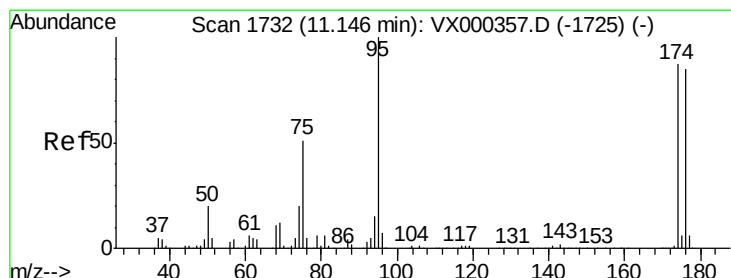
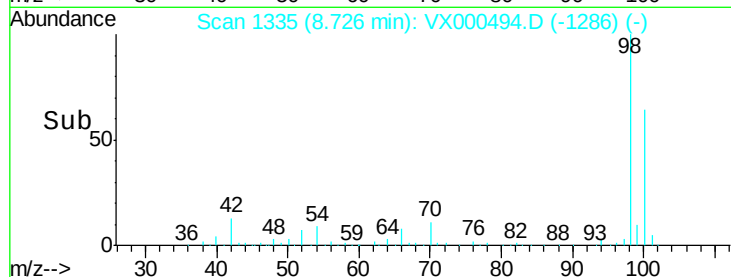
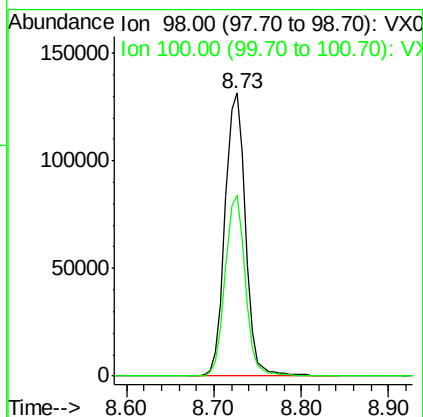
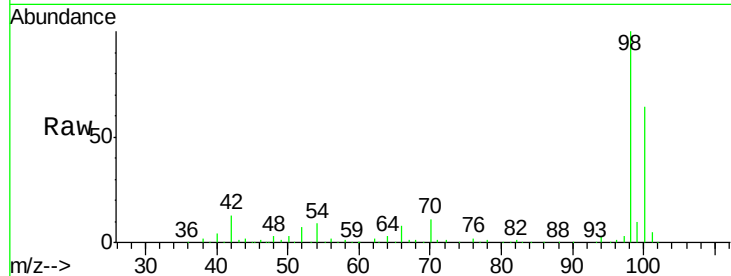




#50
Toluene-d8
Concen: 48.04 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

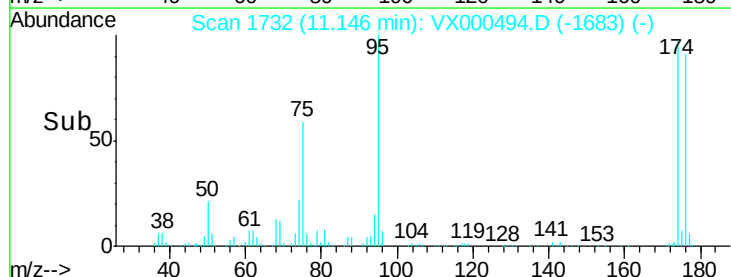
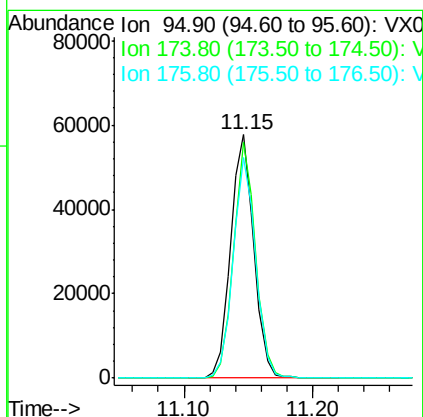
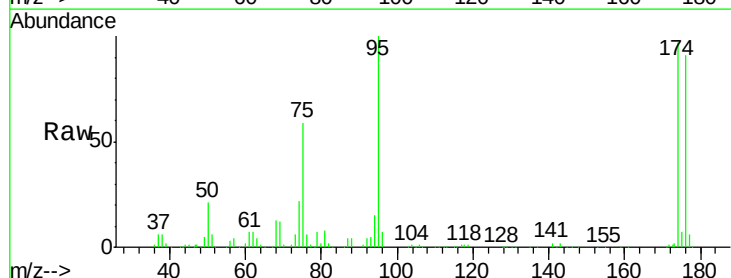
Instrument :
MSVOA_X
ClientSampled :
TP-1

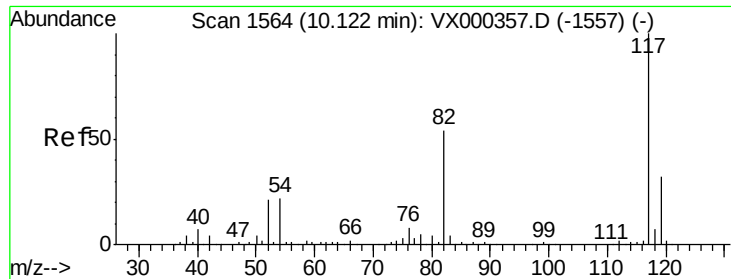
Tot Ion: 98 Resp: 214160
Ion Ratio Lower Upper
98 100
100 63.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 39.95 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion: 95 Resp: 72591
Ion Ratio Lower Upper
95 100
174 91.9 0.0 173.6
176 88.4 0.0 164.6

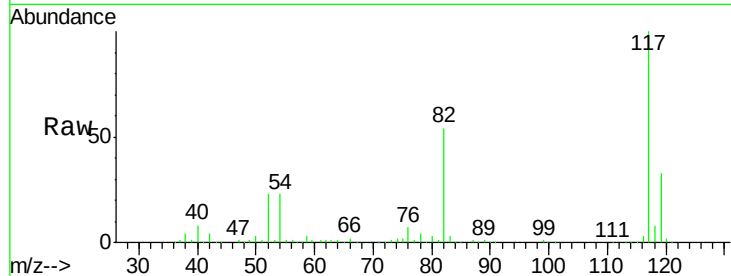




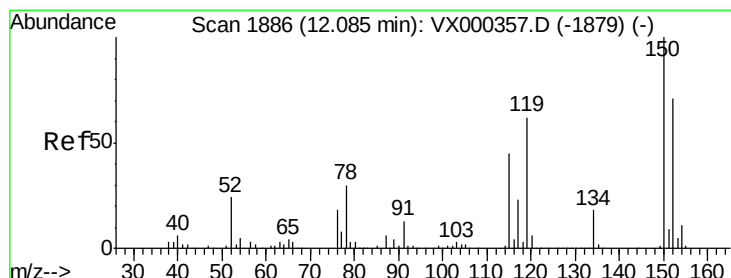
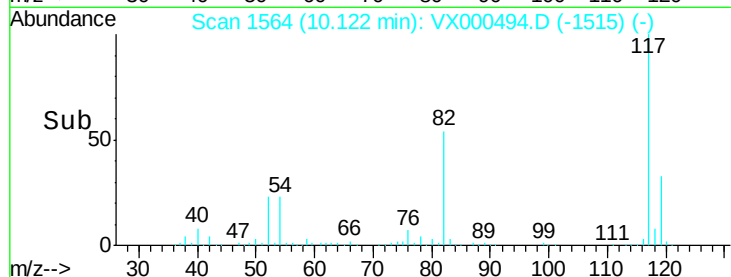
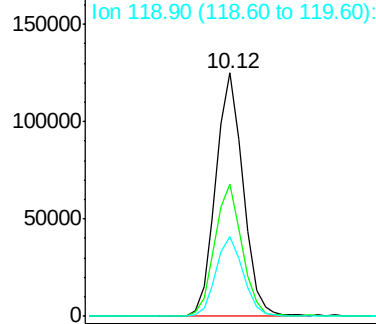
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tot Ion:117 Resp: 164468
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 32.8 24.9 37.3

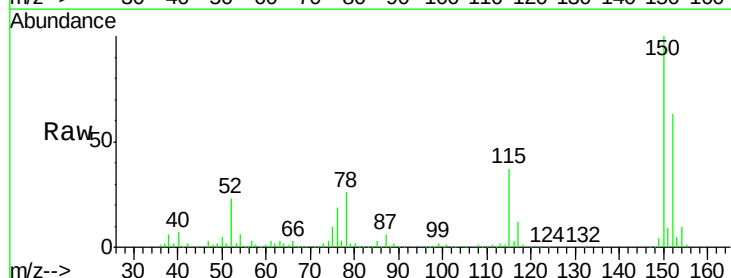


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

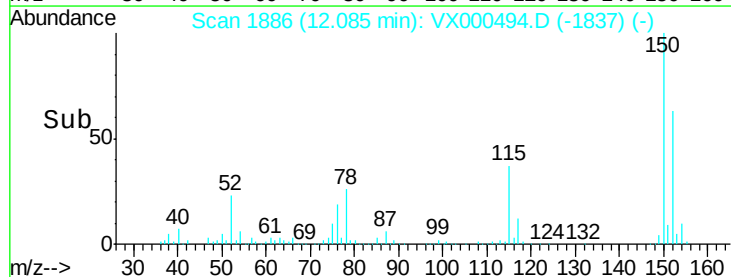
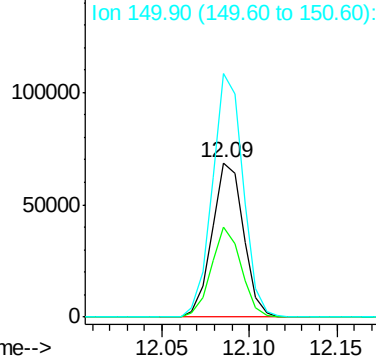


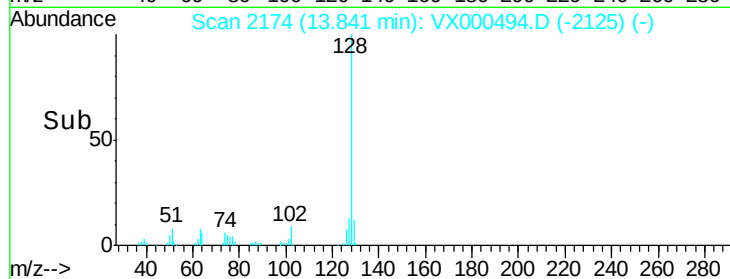
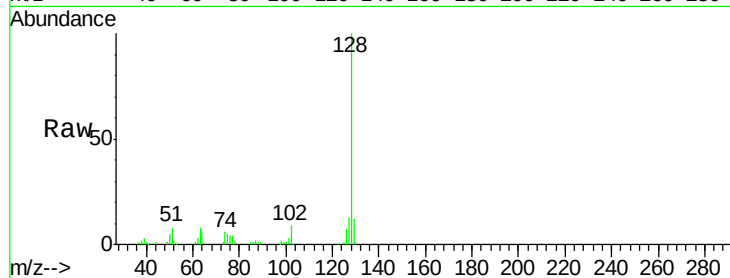
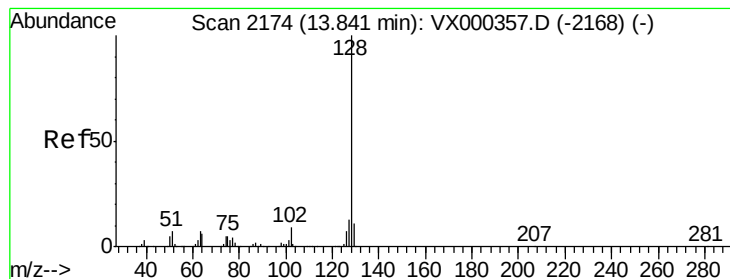
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000494.D
Acq: 28 Mar 2018 17:34

Tgt Ion:152 Resp: 85770
Ion Ratio Lower Upper
152 100
115 55.6 39.8 119.3
150 154.2 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: 6.52 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000494.D

Acq: 28 Mar 2018 17:34

Instrument :

MSVOA_X

ClientSampleId :

TP-1

Tot Ion:128 Resp: 45718

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 11.5 8.9 13.3

