

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032718\
 Data File : VX000476.D
 Acq On : 27 Mar 2018 22:52
 Operator : JC/MD
 Sample : J2083-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20180326

Quant Time: Mar 28 08:17:10 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	106725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	191166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	184621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	93036	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	79578	57.12	ug/l	0.00
Spiked Amount						
			Recovery	=	114.24%	
35) Dibromofluoromethane	5.51	113	60625	50.33	ug/l	0.00
Spiked Amount						
			Recovery	=	100.66%	
50) Toluene-d8	8.73	98	236085	47.32	ug/l	0.00
Spiked Amount						
			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.15	95	80410	39.61	ug/l	0.00
Spiked Amount						
			Recovery	=	79.22%	

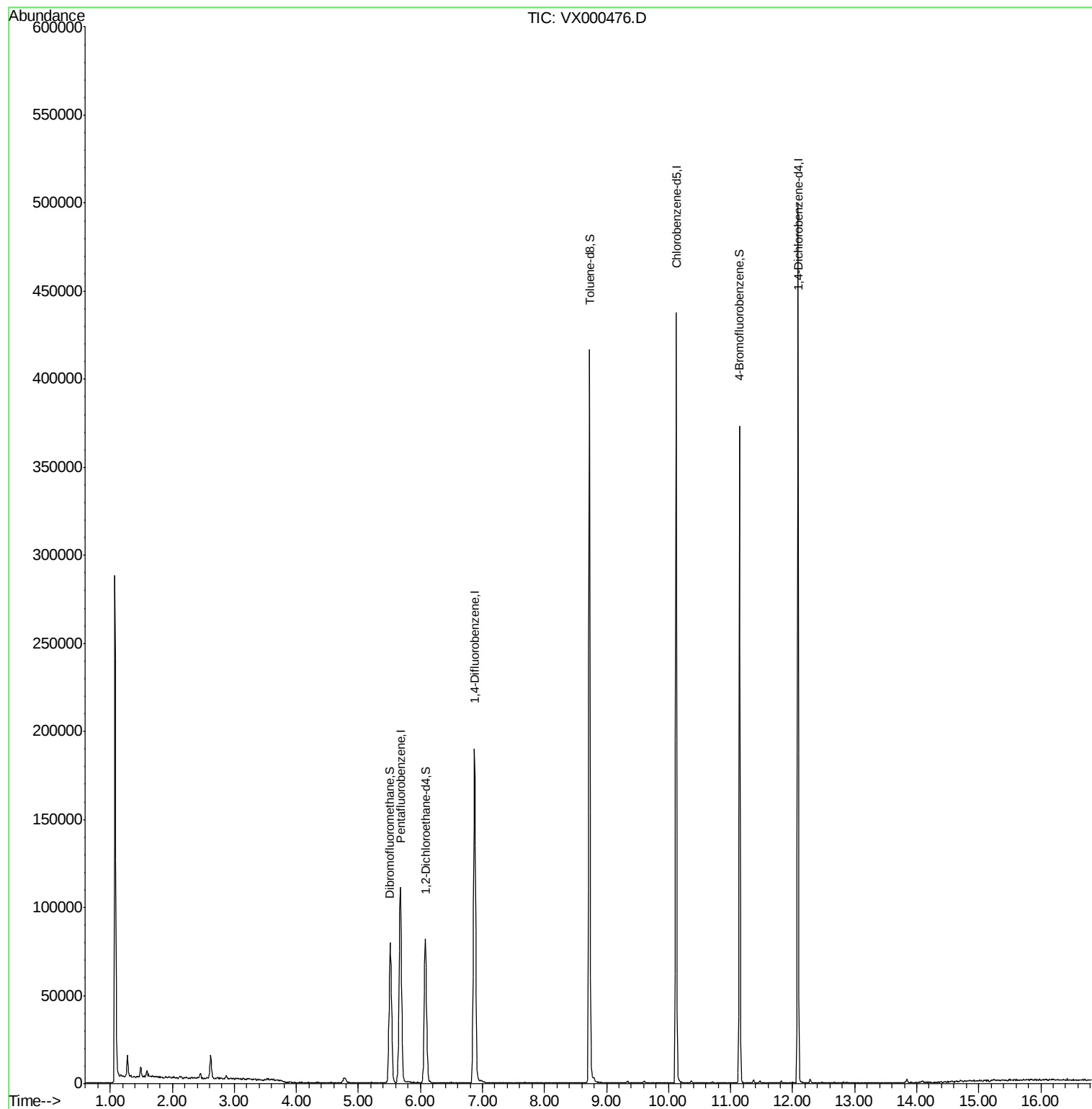
Target Compounds	Qvalue

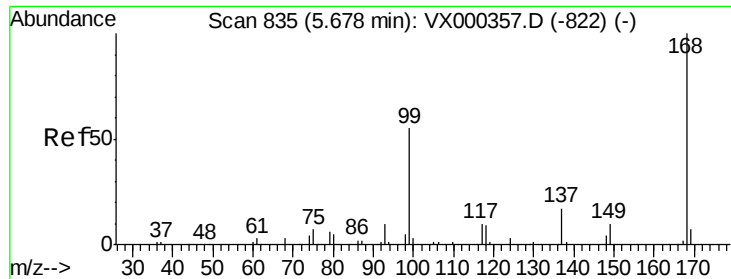
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000476.D

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Instrument :

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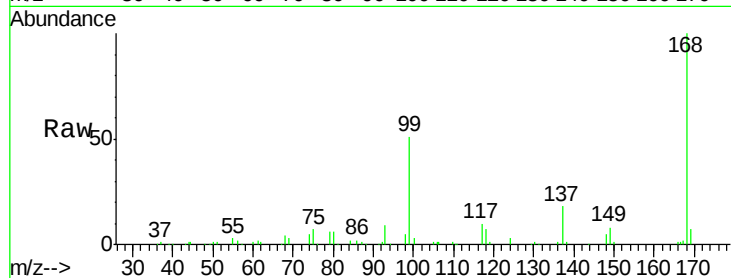
TB-20180326

Tot Ion:168 Resp: 106725

Ion Ratio Lower Upper

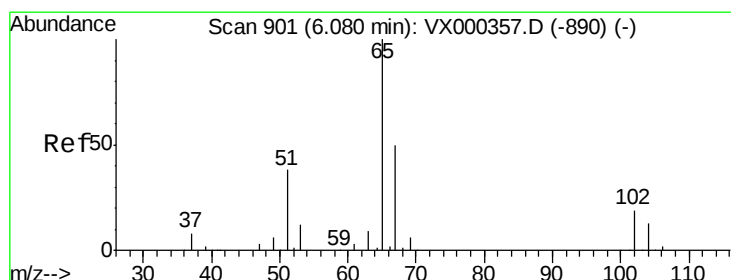
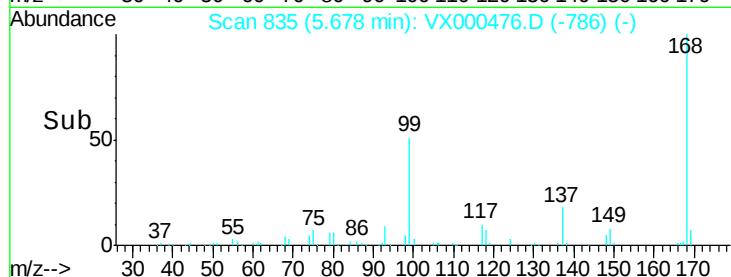
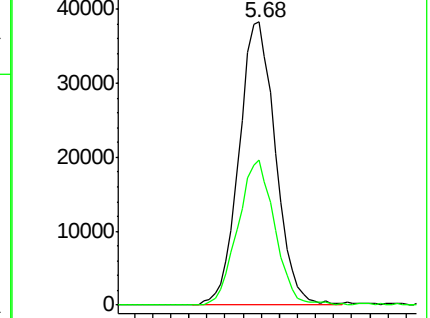
168 100

99 51.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 57.12 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000476.D

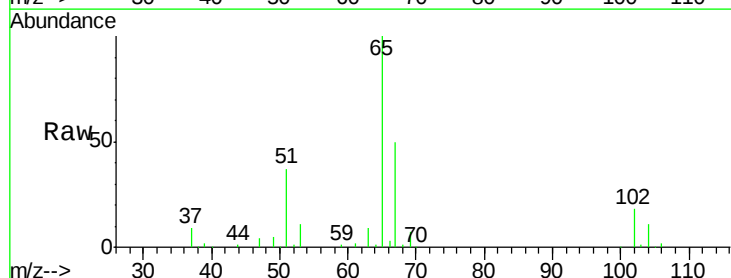
Acq: 27 Mar 2018 22:52

Tgt Ion: 65 Resp: 79578

Ion Ratio Lower Upper

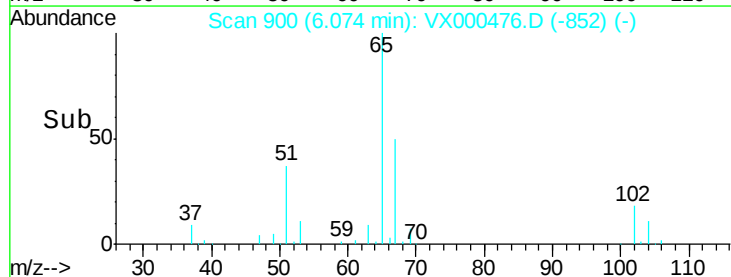
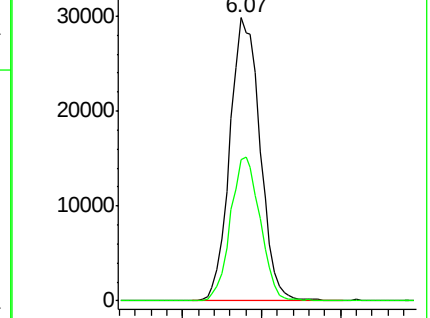
65 100

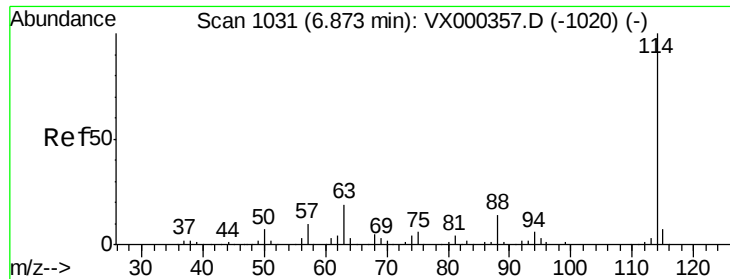
67 50.1 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

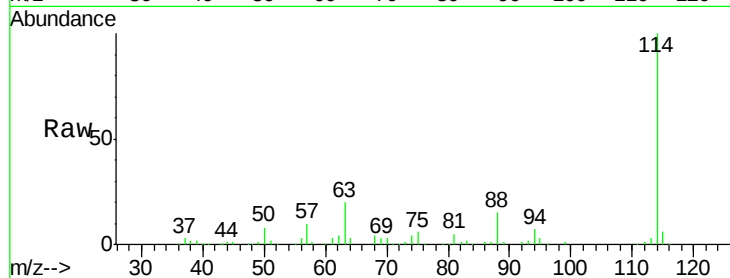




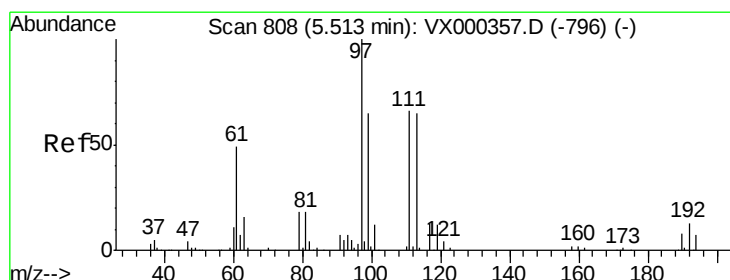
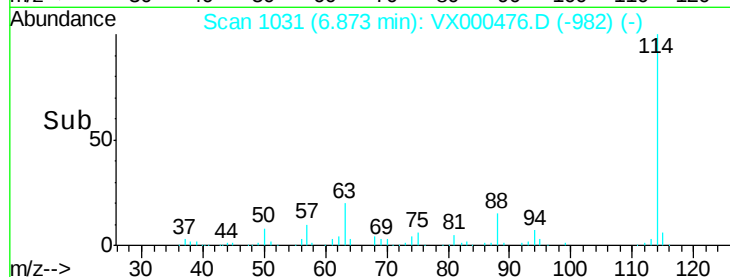
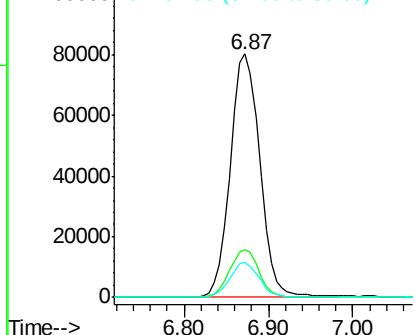
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000476.D
 Acq: 27 Mar 2018 22:52

Instrument :
 MSVOA_X
 ClientSampleID :
 TB-20180326

Tot Ion:114 Resp: 191166
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.4
 88 14.5 0.0 27.0

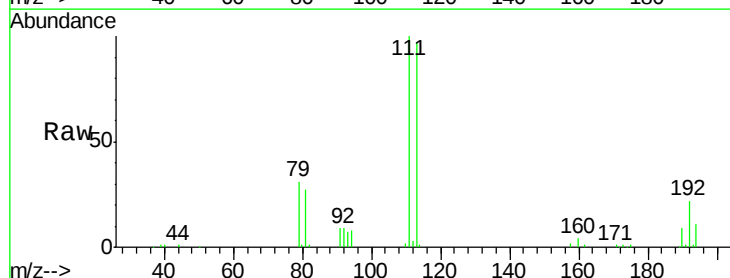


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

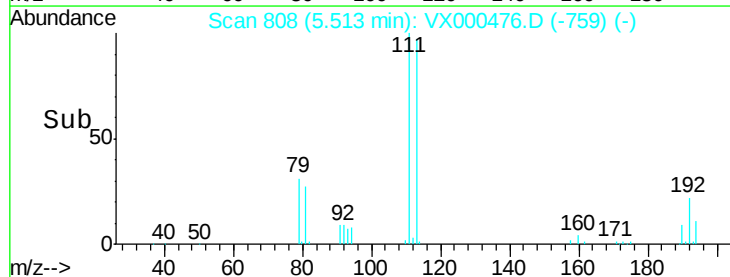
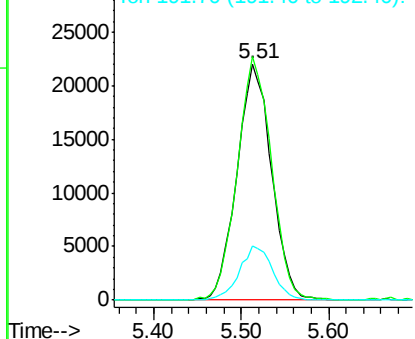


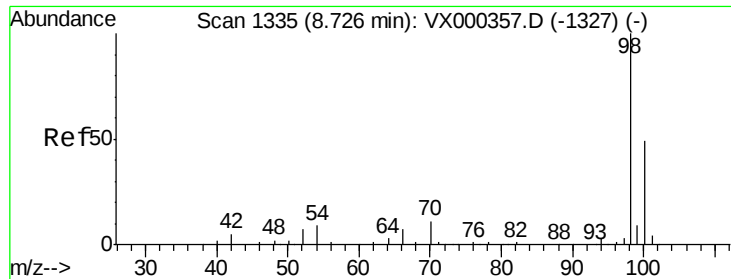
#35
 Dibromofluoromethane
 Concen: 50.33 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000476.D
 Acq: 27 Mar 2018 22:52

Tgt Ion:113 Resp: 60625
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 22.1 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

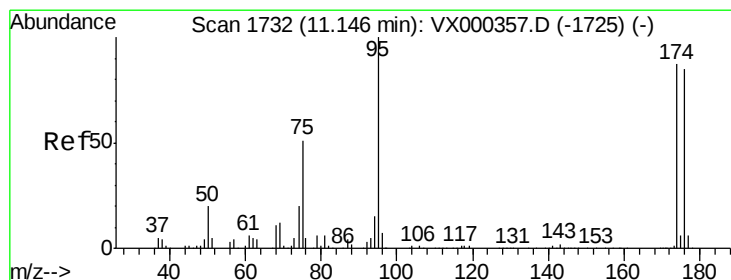
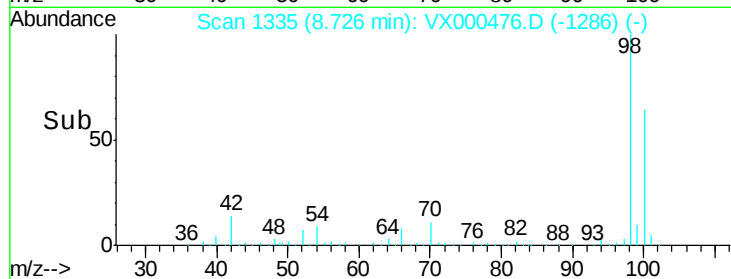
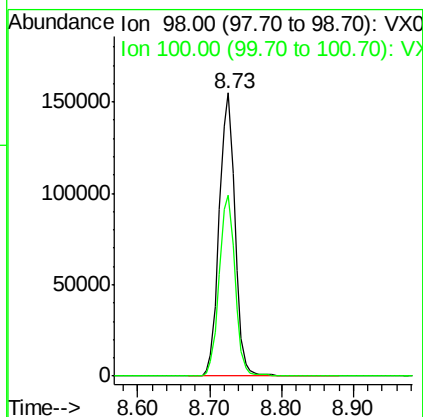
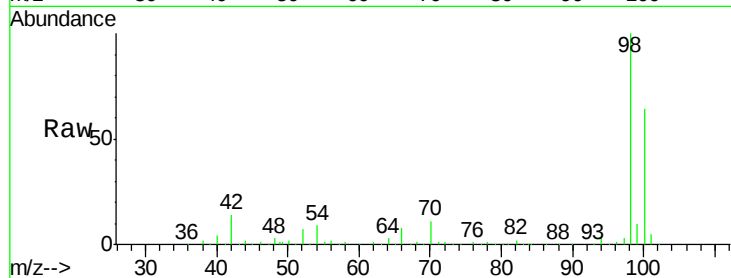




#50
Toluene-d8
Concen: 47.32 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000476.D
Acq: 27 Mar 2018 22:52

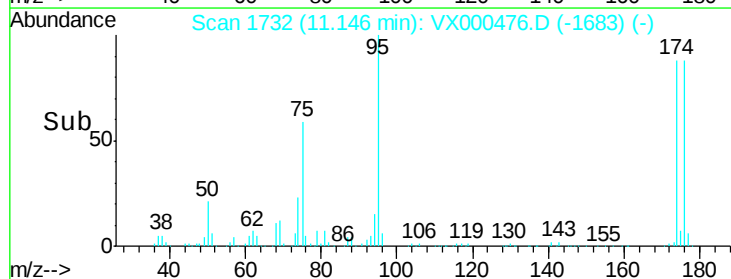
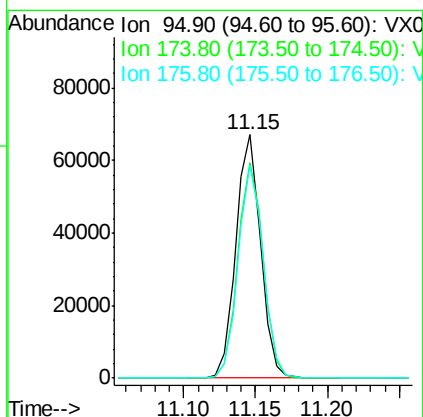
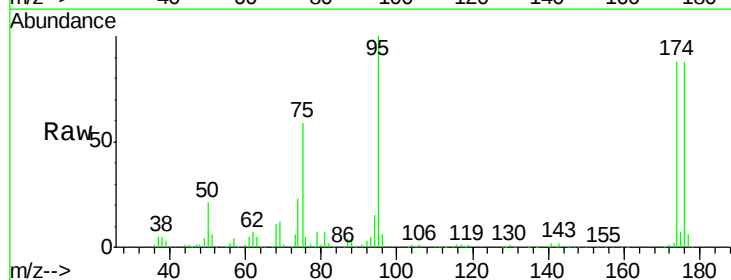
Instrument :
MSVOA_X
ClientSampleId :
TB-20180326

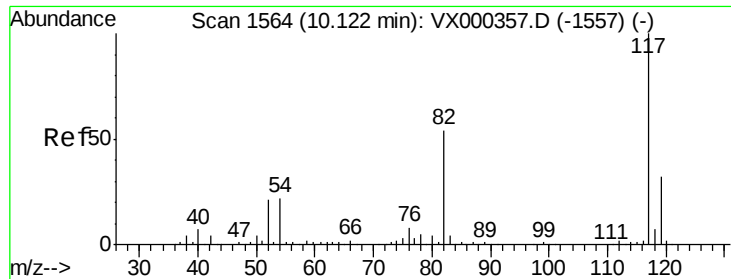
Tot Ion: 98 Resp: 236085
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 39.61 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000476.D
Acq: 27 Mar 2018 22:52

Tgt Ion: 95 Resp: 80410
Ion Ratio Lower Upper
95 100
174 90.2 0.0 173.6
176 88.5 0.0 164.6

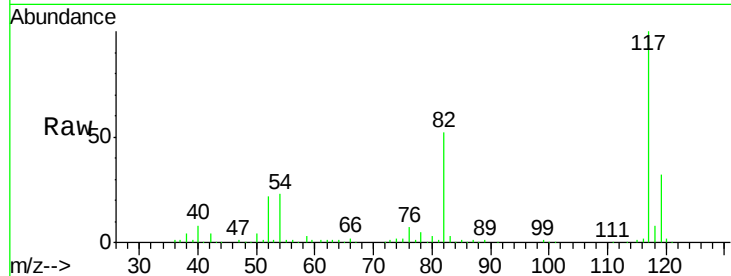




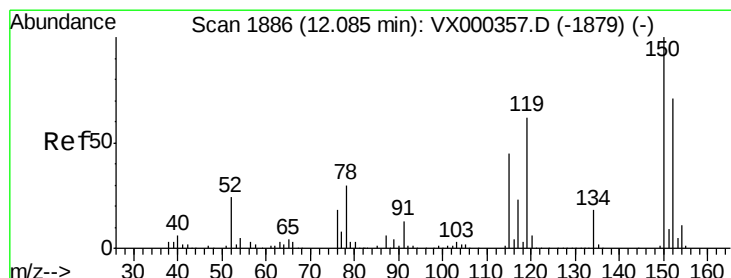
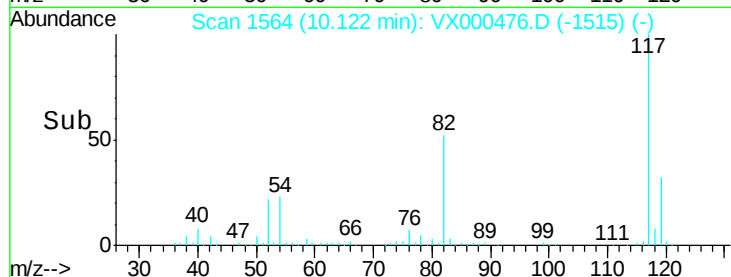
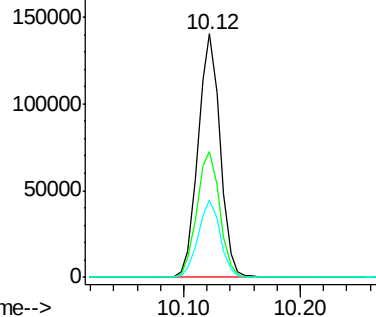
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000476.D
Acq: 27 Mar 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
TB-20180326

Tot Ion:117 Resp: 184621
Ion Ratio Lower Upper
117 100
82 51.8 43.8 65.8
119 32.0 24.9 37.3

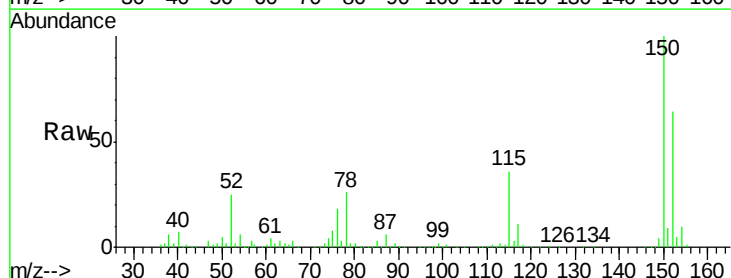


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000476.D
Acq: 27 Mar 2018 22:52

Tgt Ion:152 Resp: 93036
Ion Ratio Lower Upper
152 100
115 56.5 39.8 119.3
150 157.1 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

