

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
 Data File : VX000149.D
 Acq On : 27 Feb 2018 17:35
 Operator : JC/MD
 Sample : J1674-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 AFTER-CARBON-1

Quant Time: Feb 28 05:48:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	169931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	86708	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	71334	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
35) Dibromofluoromethane	5.52	113	54150	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
50) Toluene-d8	8.73	98	221460	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
62) 4-Bromofluorobenzene	11.15	95	78347	43.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.36%	

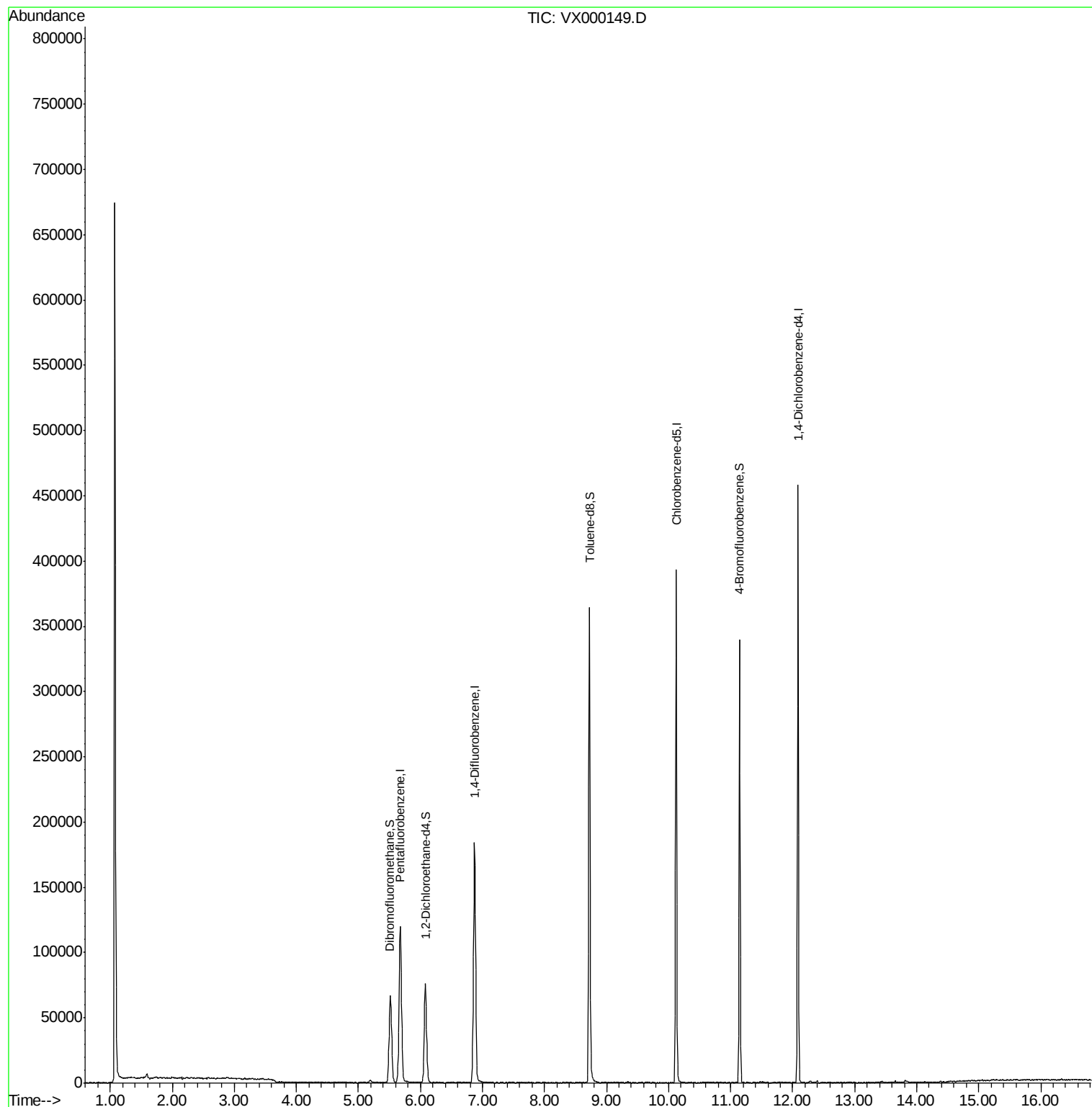
Target Compounds	Qvalue

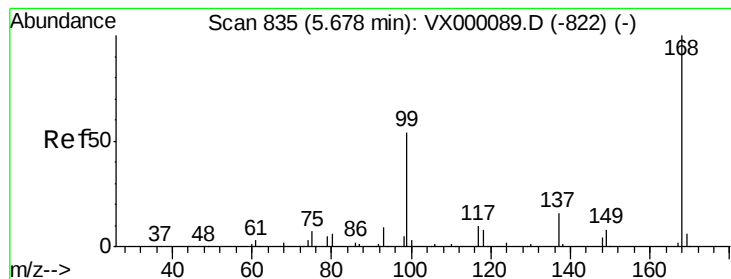
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000149.D

Acq: 27 Feb 2018 17:35

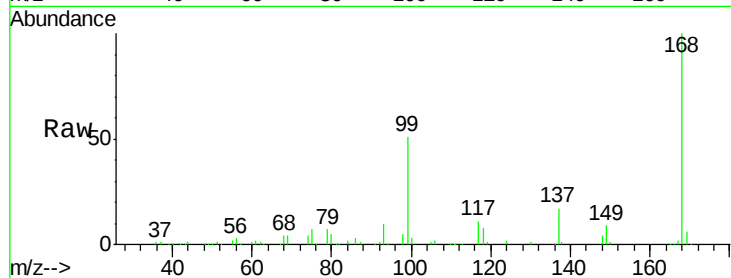
Instrument :
ClientSampleId :
AFTER-CARBON-1

Tot Ion:168 Resp: 115760

Ion Ratio Lower Upper

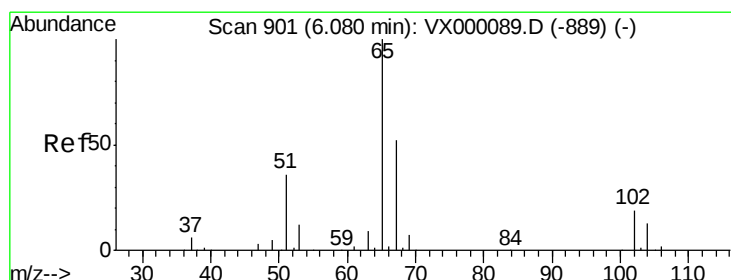
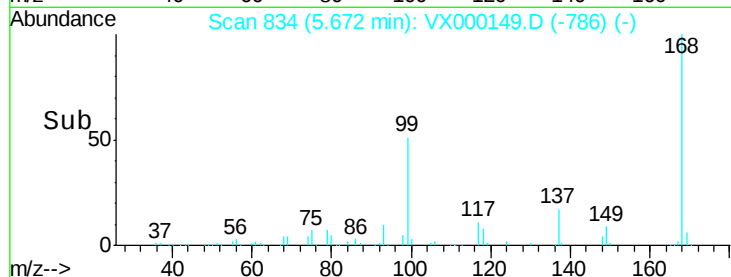
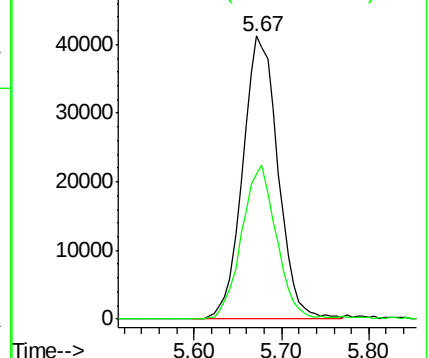
168 100

99 51.4 43.1 64.7



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: 49.35 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000149.D

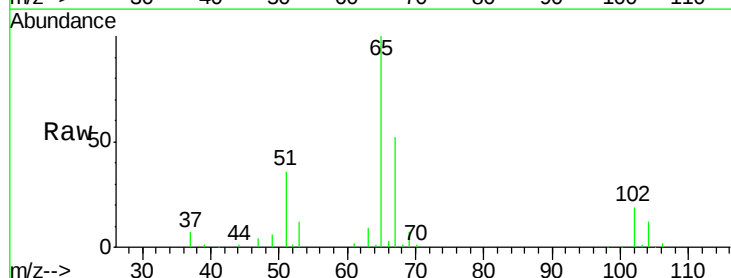
Acq: 27 Feb 2018 17:35

Tgt Ion: 65 Resp: 71334

Ion Ratio Lower Upper

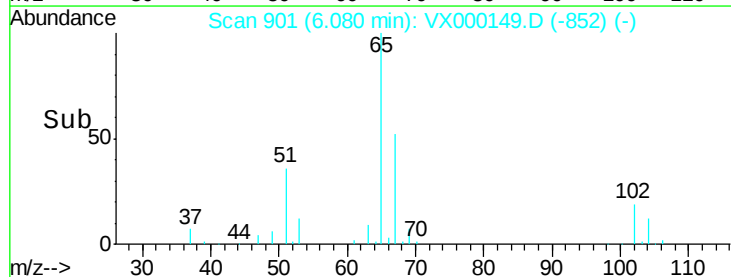
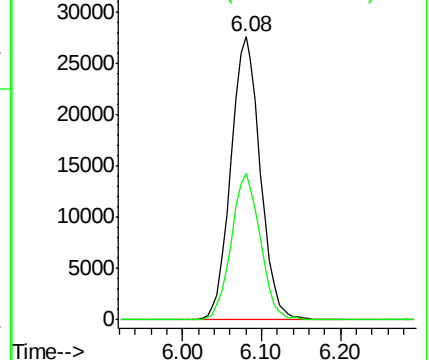
65 100

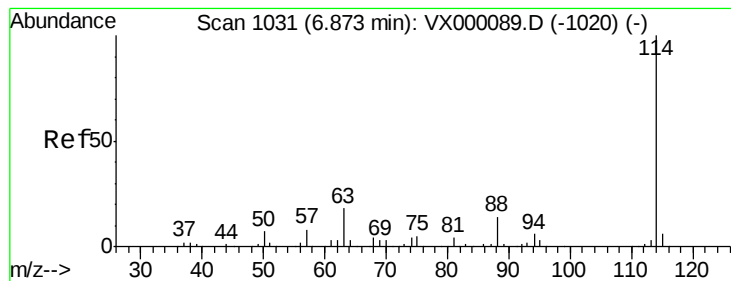
67 51.0 0.0 104.8



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: VX000149.D

Acq: 27 Feb 2018 17:35

Instrument :
ClientSampled :
AFTER-CARBON-1

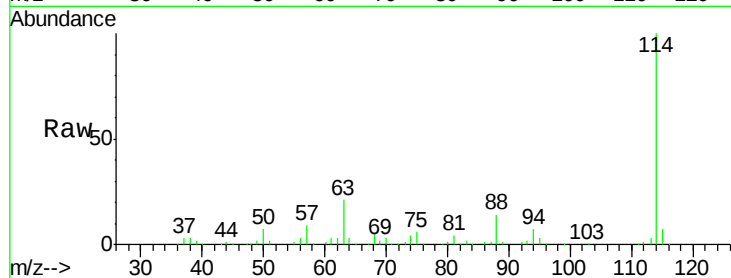
Tot Ion:114 Resp: 185844

Ion Ratio Lower Upper

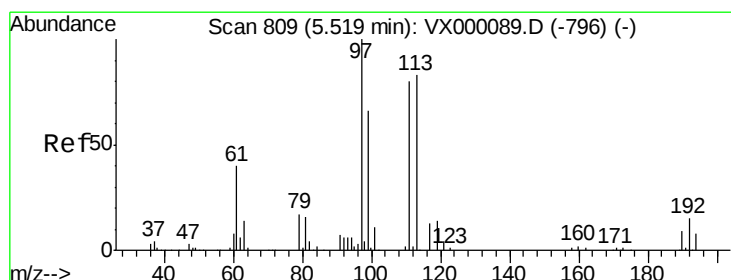
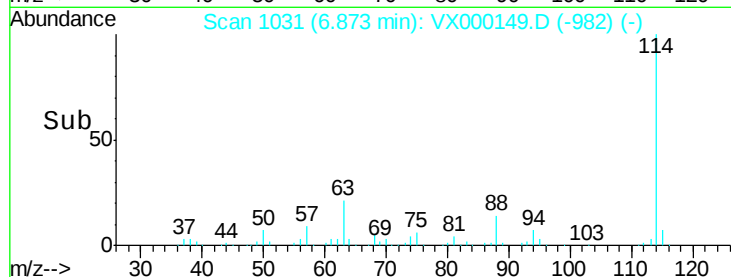
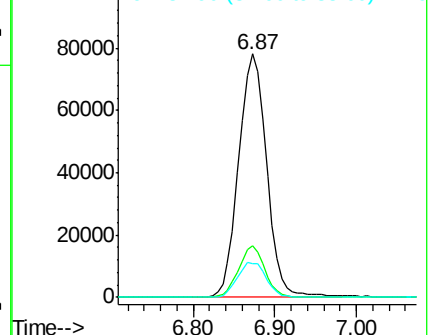
114 100

63 21.3 0.0 36.4

88 14.0 0.0 29.0



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: 46.17 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000149.D

Acq: 27 Feb 2018 17:35

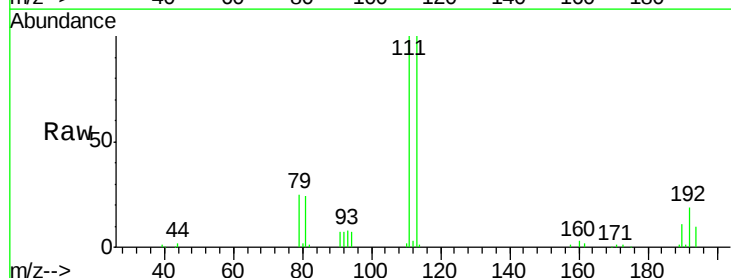
Tgt Ion:113 Resp: 54150

Ion Ratio Lower Upper

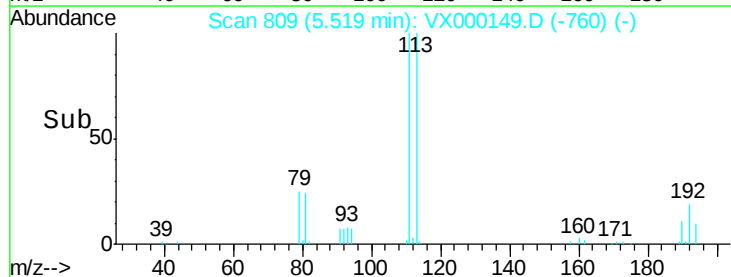
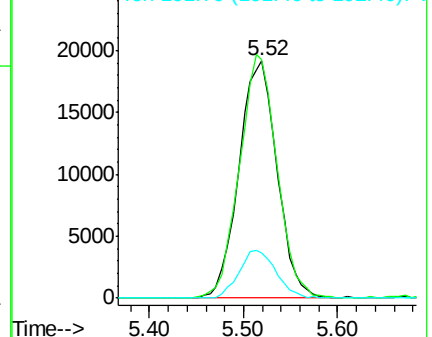
113 100

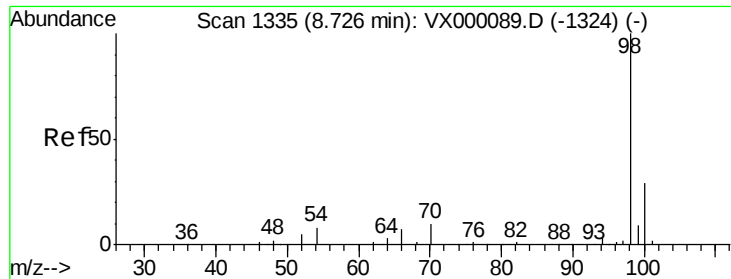
111 101.4 81.0 121.6

192 19.6 15.7 23.5



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

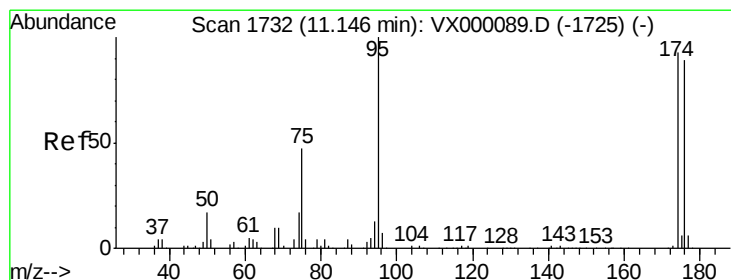
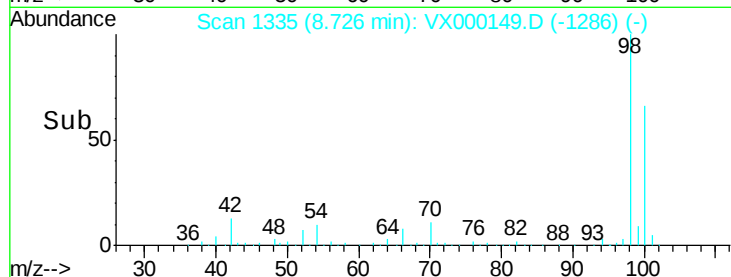
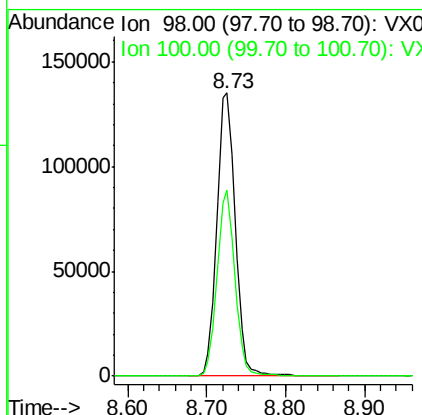
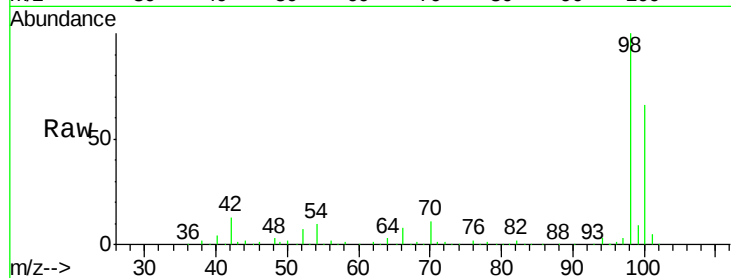




#50
Toluene-d8
Concen: 47.86 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000149.D
Acq: 27 Feb 2018 17:35

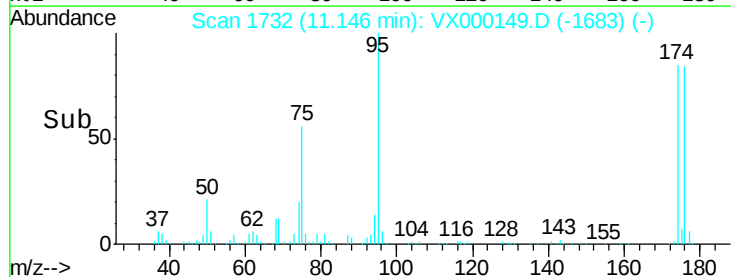
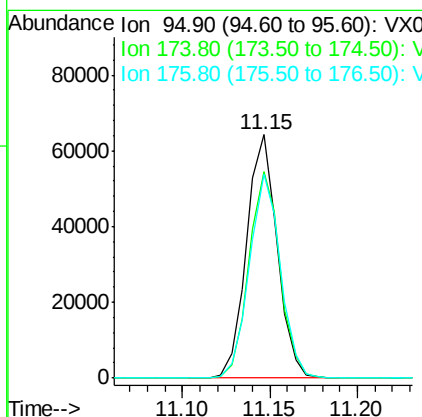
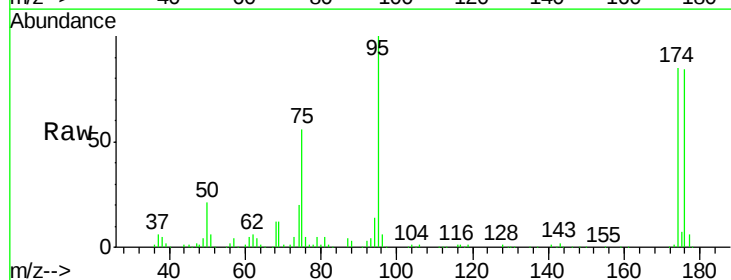
Instrument :
ClientSampled :
AFTER-CARBON-1

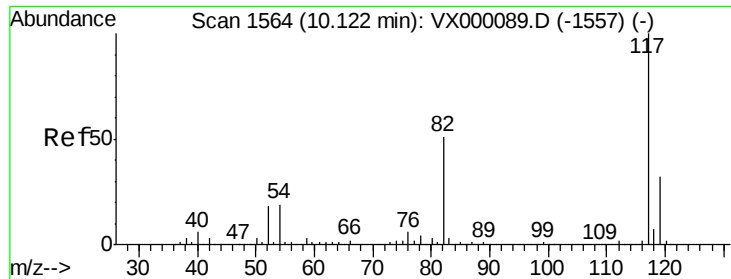
Tot Ion: 98 Resp: 221460
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 43.18 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000149.D
Acq: 27 Feb 2018 17:35

Tgt Ion: 95 Resp: 78347
Ion Ratio Lower Upper
95 100
174 85.6 0.0 187.8
176 84.5 0.0 181.2

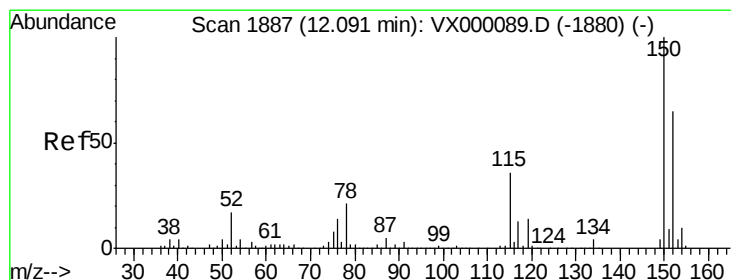
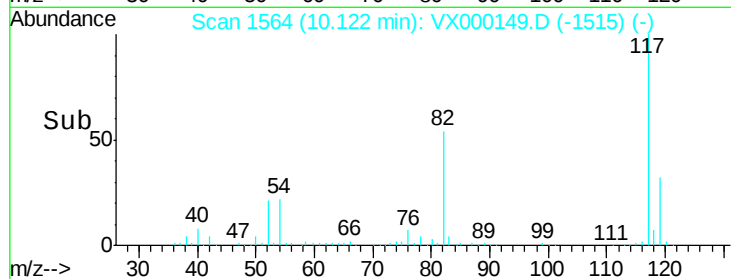
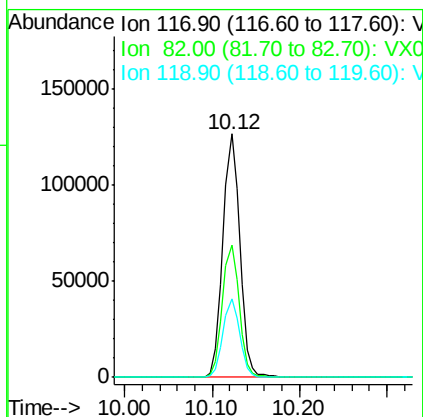
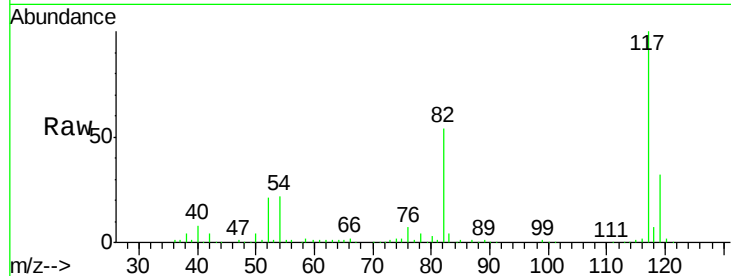




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000149.D
Acq: 27 Feb 2018 17:35

Instrument :
ClientSampled :
AFTER-CARBON-1

Tot Ion:117 Resp: 169931
Ion Ratio Lower Upper
117 100
82 54.3 41.0 61.6
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000149.D
Acq: 27 Feb 2018 17:35

Tgt Ion:152 Resp: 86708
Ion Ratio Lower Upper
152 100
115 57.6 39.1 117.2
150 158.3 0.0 348.2

