

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
 Data File : VX001561.D
 Acq On : 09 May 2018 17:59
 Operator : JC/MD
 Sample : J2732-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-GTMW-1

Quant Time: May 10 12:32:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319637	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	269214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	138178	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	193097	57.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.60%	
35) Dibromofluoromethane	5.51	113	150233	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
50) Toluene-d8	8.72	98	527741	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.14	95	165217	41.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.94%	

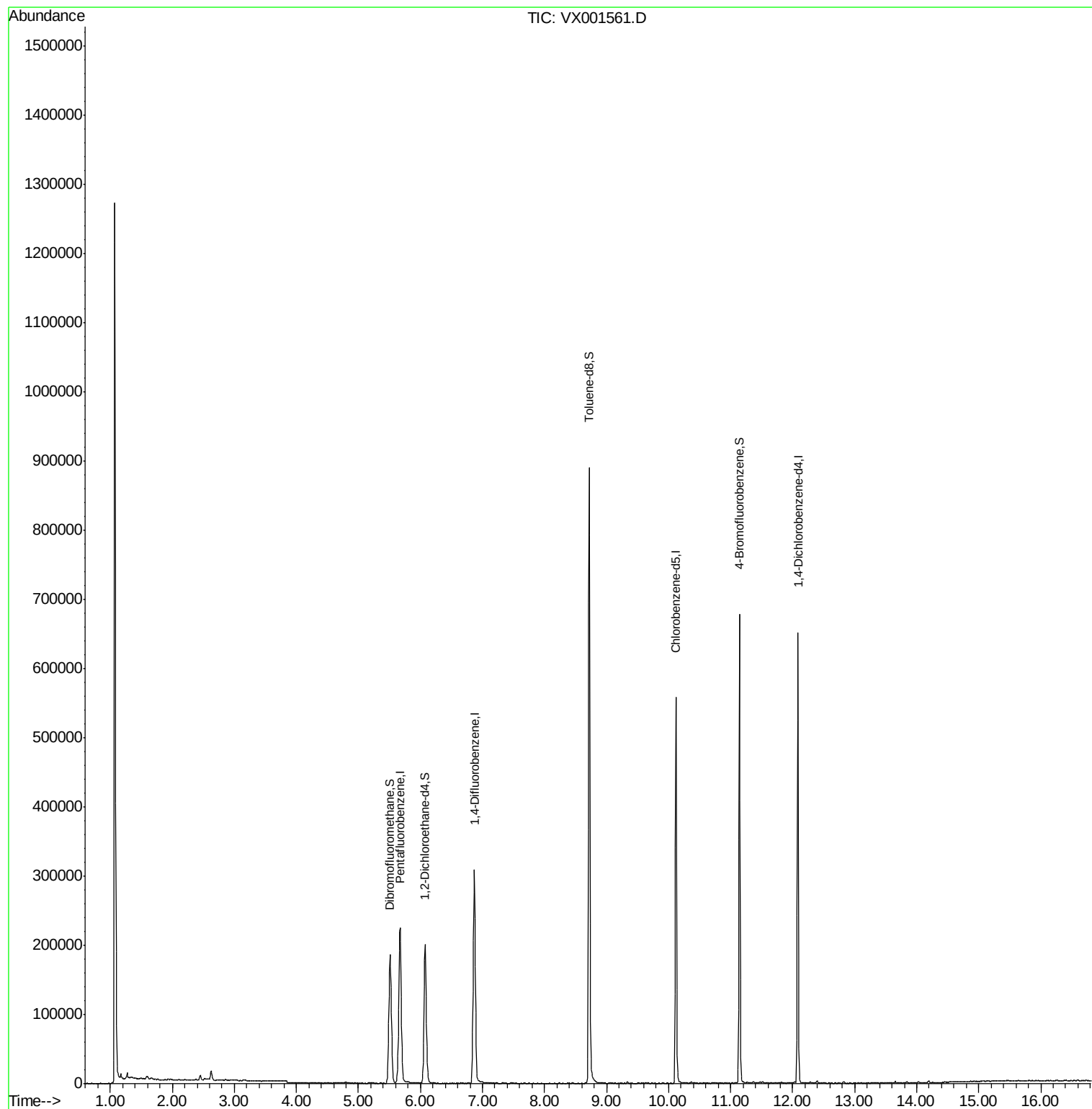
Target Compounds	Qvalue

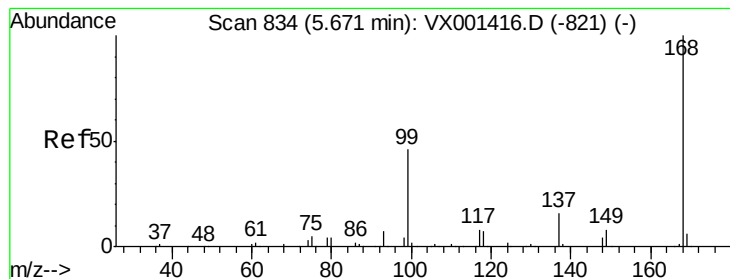
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001561.D

Acq: 09 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

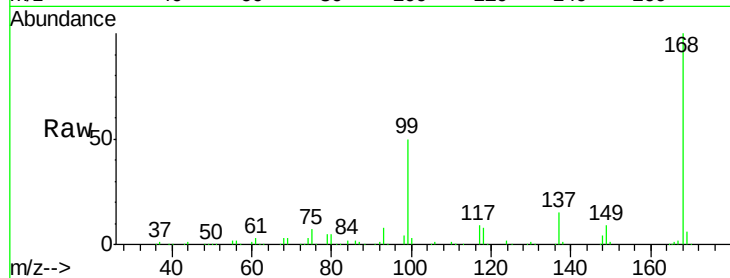
RAV-GTMW-1

Tot Ion:168 Resp: 234451

Ion Ratio Lower Upper

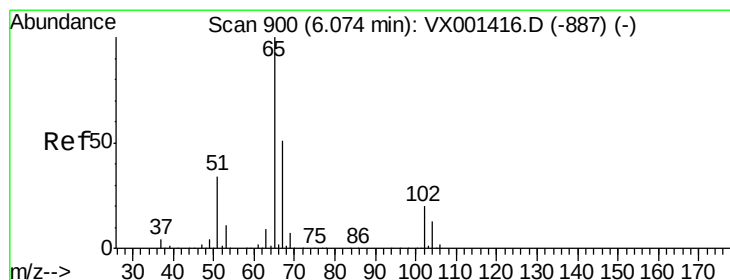
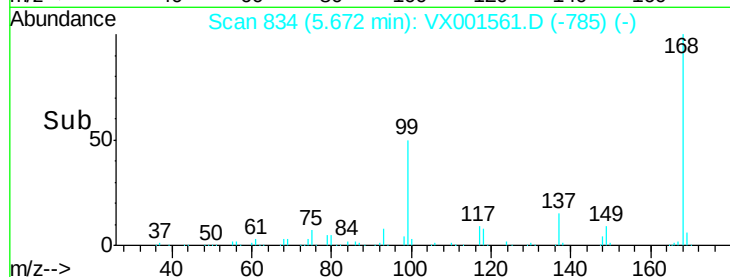
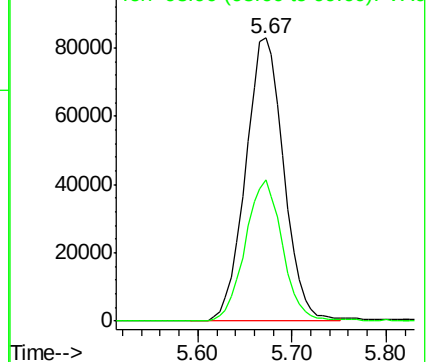
168 100

99 50.1 36.6 54.8



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: 57.30 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001561.D

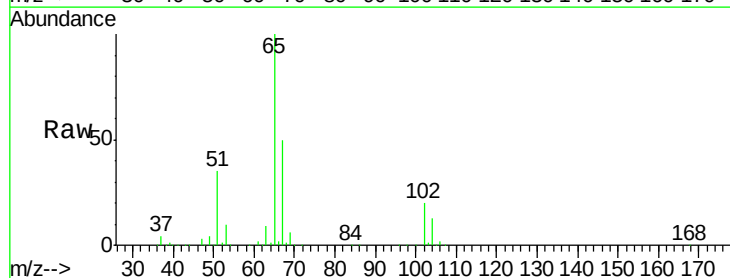
Acq: 09 May 2018 17:59

Tgt Ion: 65 Resp: 193097

Ion Ratio Lower Upper

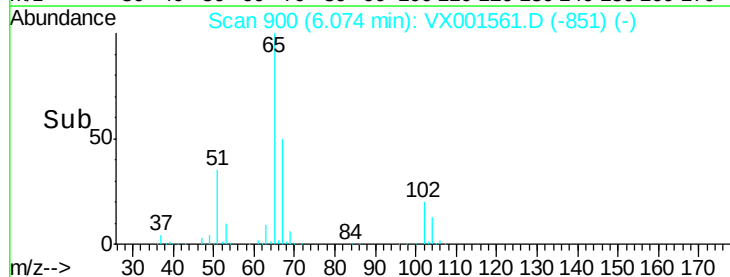
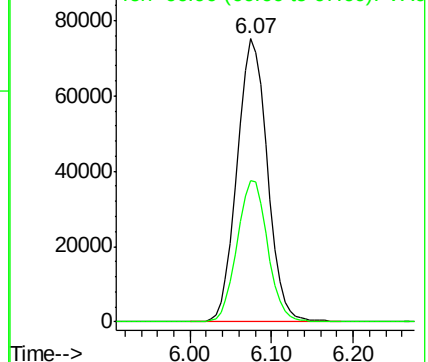
65 100

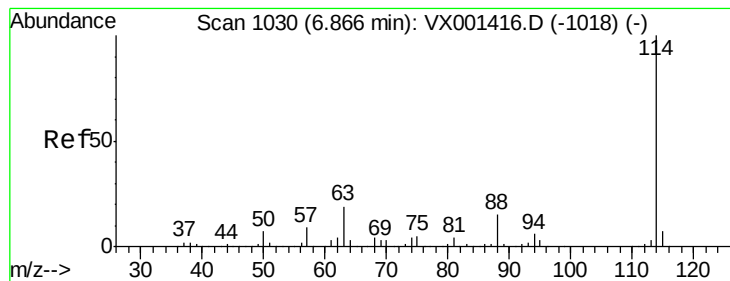
67 50.2 0.0 101.8



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# 1030

Delta R.T. 0.00 min

Lab File: VX001561.D

Acq: 09 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

RAV-GTMW-1

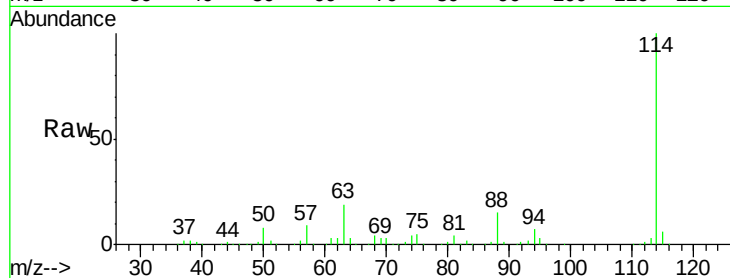
Tot Ion:114 Resp: 319637

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

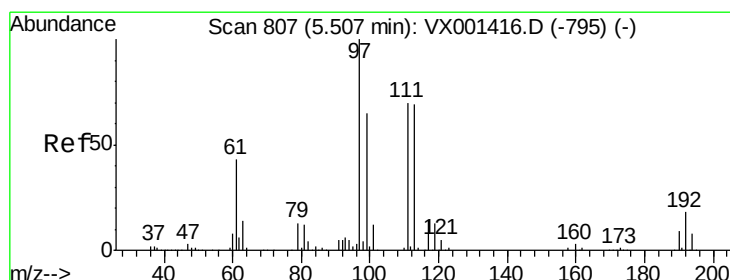
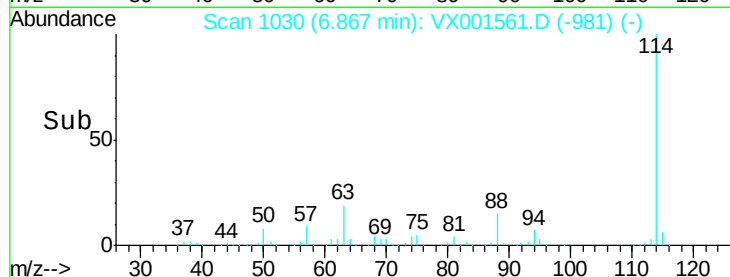
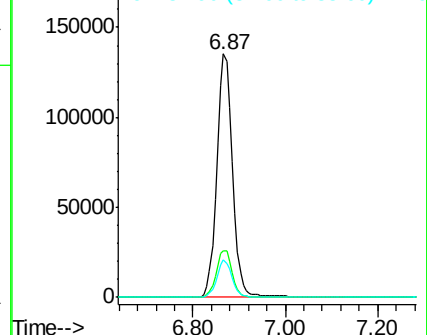
88 15.2 0.0 30.8



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: 52.84 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001561.D

Acq: 09 May 2018 17:59

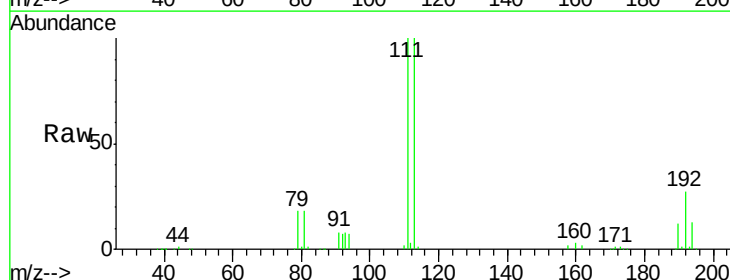
Tgt Ion:113 Resp: 150233

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

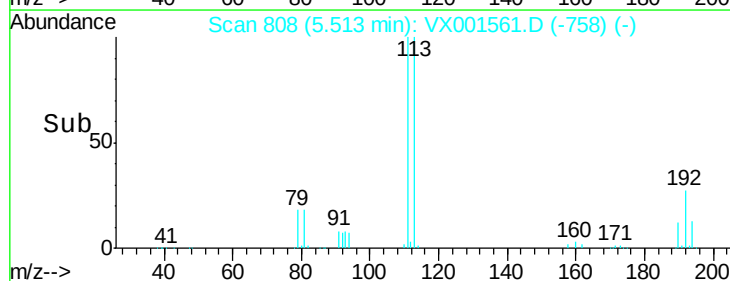
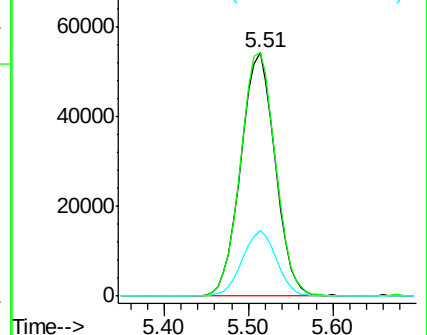
192 26.7 21.4 32.0

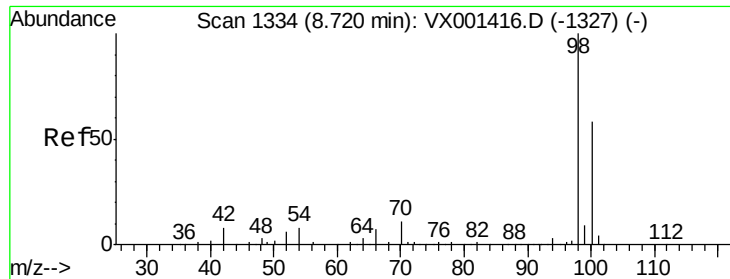


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.85 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001561.D

Acq: 09 May 2018 17:59

Instrument :

MSVOA_X

ClientSampleId :

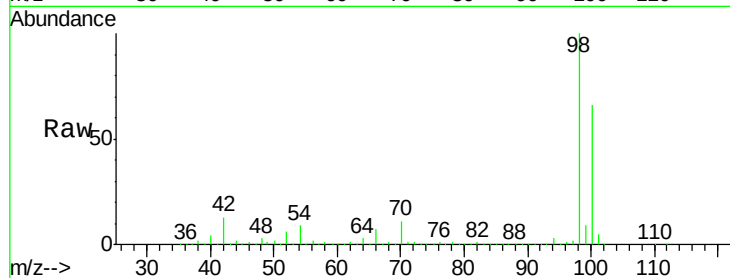
RAV-GTMW-1

Tot Ion: 98 Resp: 527741

Ion Ratio Lower Upper

98 100

100 65.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

300000

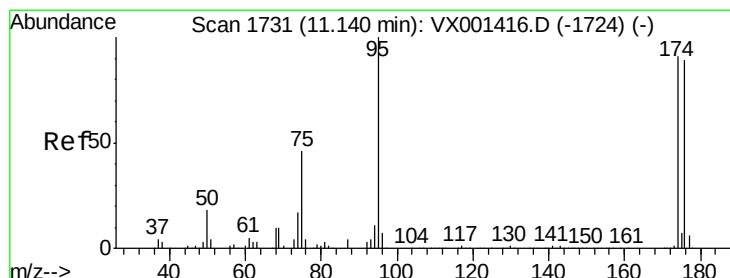
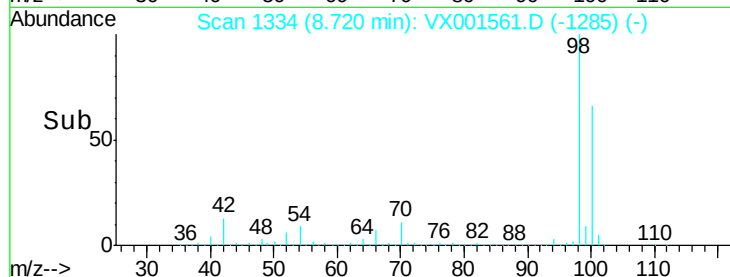
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 41.47 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001561.D

Acq: 09 May 2018 17:59

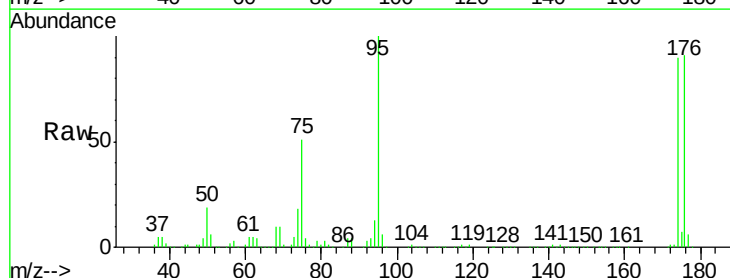
Tgt Ion: 95 Resp: 165217

Ion Ratio Lower Upper

95 100

174 101.1 0.0 202.0

176 99.3 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

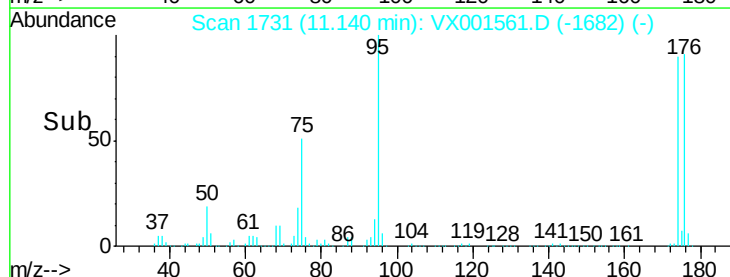
100000

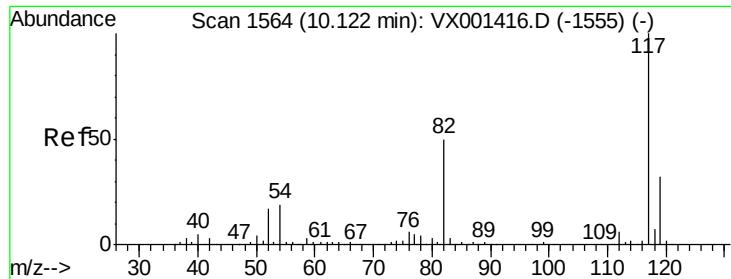
50000

0

Time-->

11.10 11.20 11.30

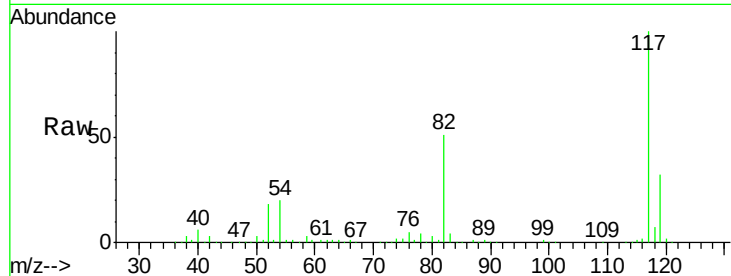




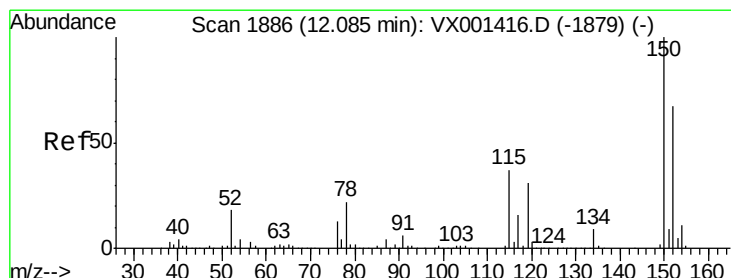
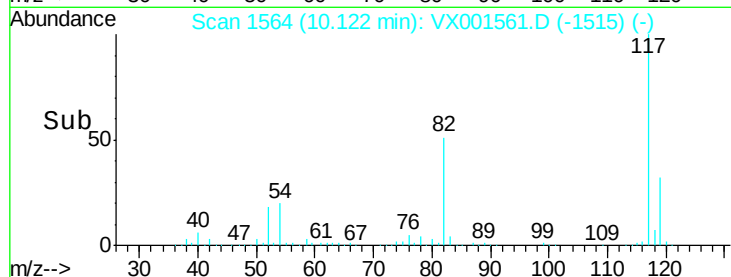
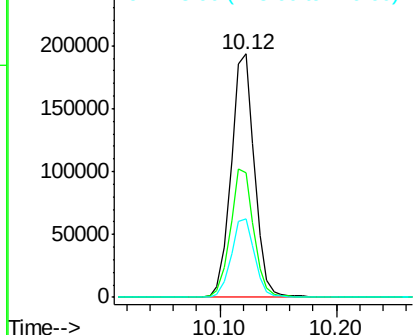
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001561.D
Acq: 09 May 2018 17:59

Instrument :
MSVOA_X
ClientSampled :
RAV-GTMW-1

Tot Ion:117 Resp: 269214
Ion Ratio Lower Upper
117 100
82 51.3 40.0 60.0
119 32.1 25.8 38.8

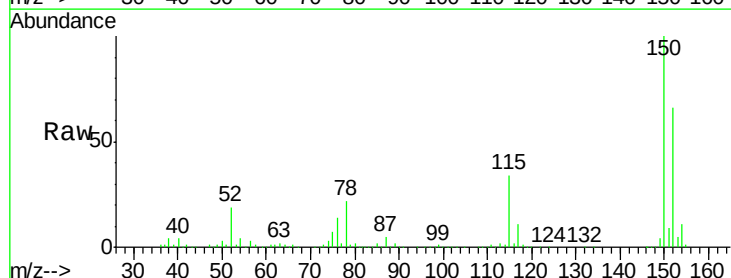


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001561.D
Acq: 09 May 2018 17:59

Tgt Ion:152 Resp: 138178
Ion Ratio Lower Upper
152 100
115 52.7 37.7 113.1
150 154.6 0.0 349.4



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

