

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032118\
 Data File : VX000375.D
 Acq On : 21 Mar 2018 10:50
 Operator : JC/MD
 Sample : VX0321WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBL01

Quant Time: Mar 22 05:58:28 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	107044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	191234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	181431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	86142	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	75169	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
35) Dibromofluoromethane	5.51	113	58344	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	8.72	98	235853	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.15	95	80064	39.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.90%	

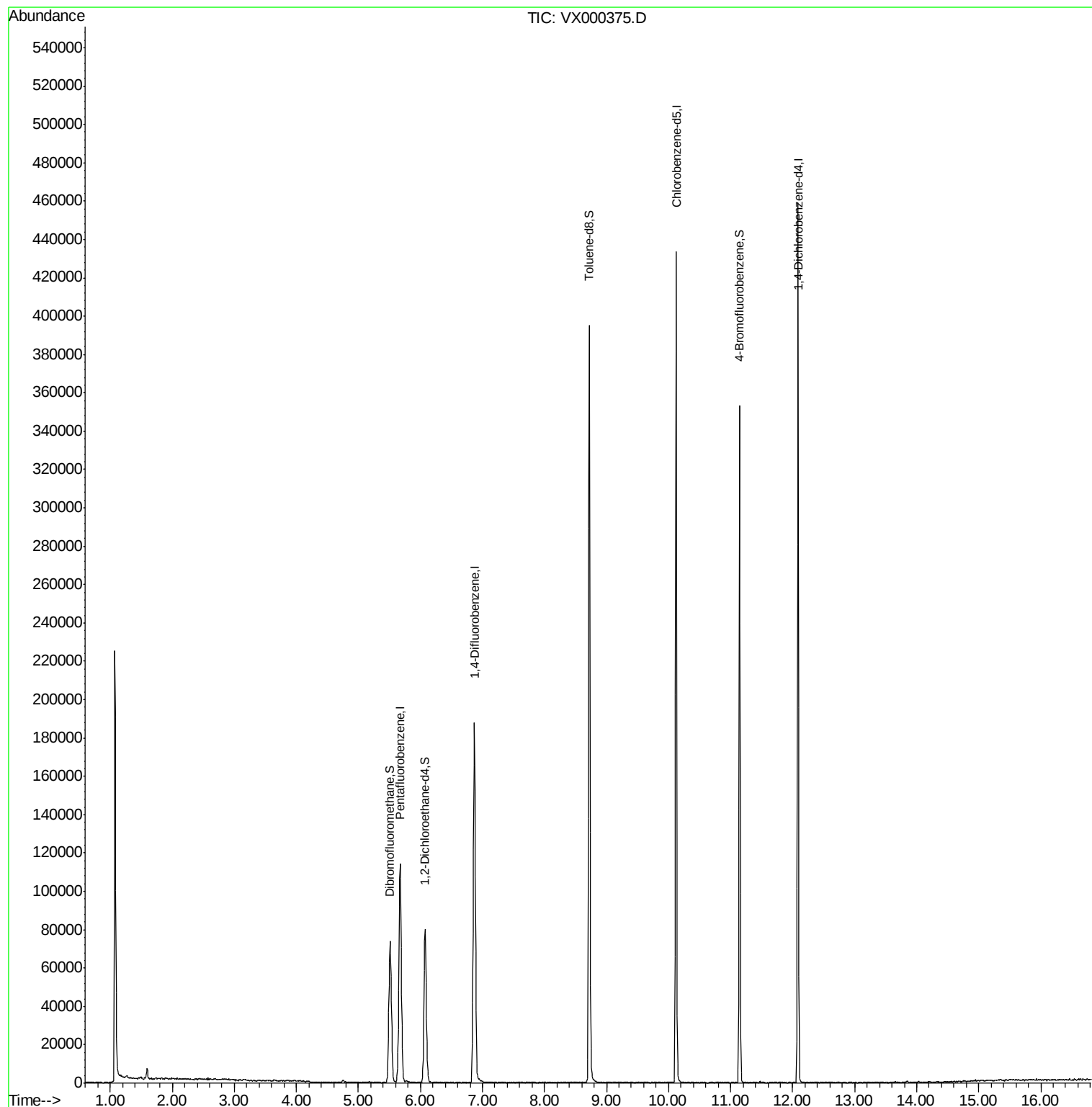
Target Compounds	Qvalue
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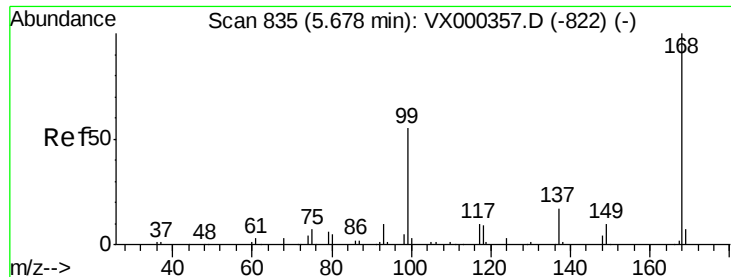
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000375.D

Acq: 21 Mar 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

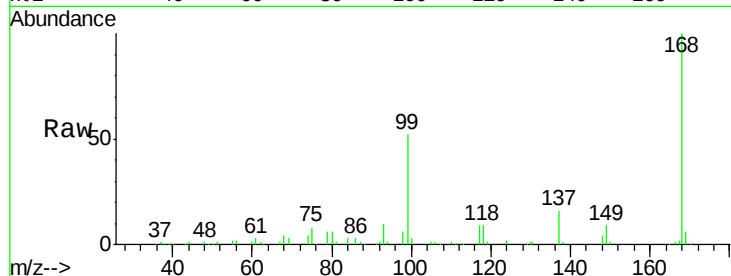
VX0321WBL01

Tot Ion:168 Resp: 107044

Ion Ratio Lower Upper

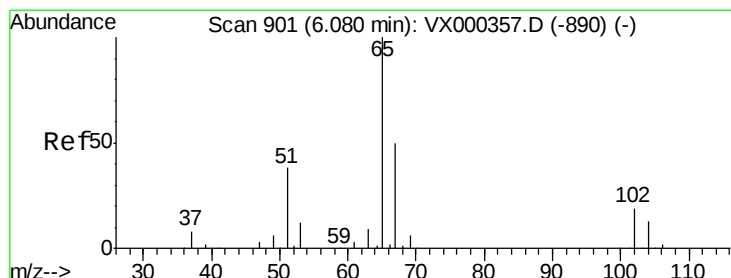
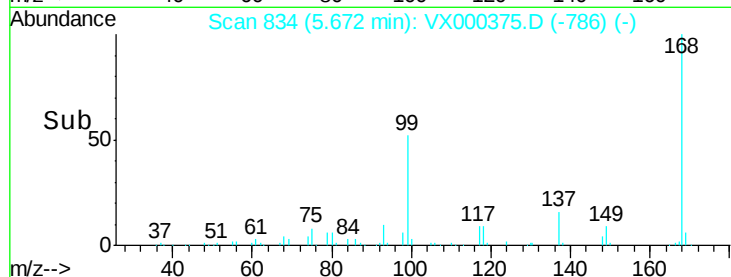
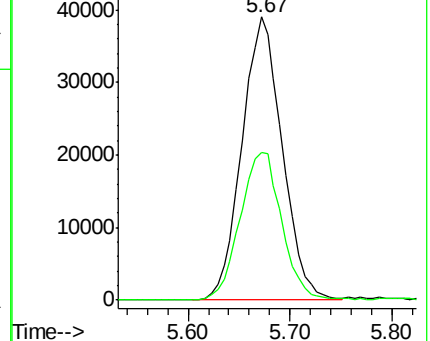
168 100

99 52.0 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: 53.80 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000375.D

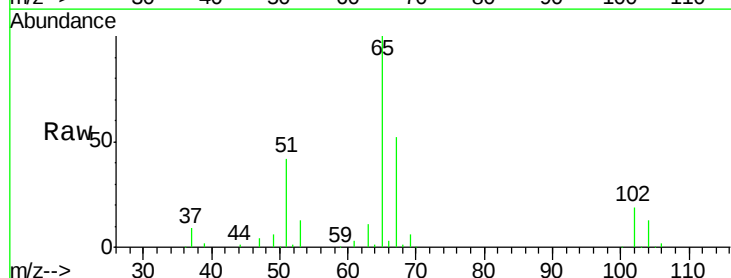
Acq: 21 Mar 2018 10:50

Tgt Ion: 65 Resp: 75169

Ion Ratio Lower Upper

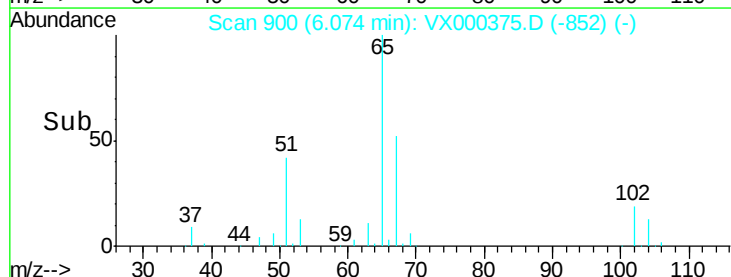
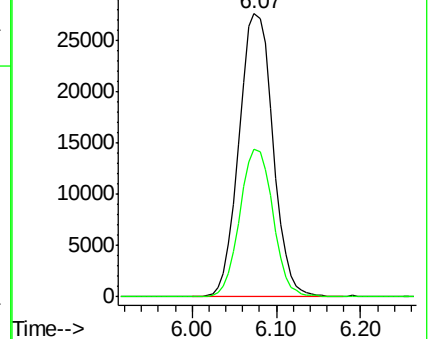
65 100

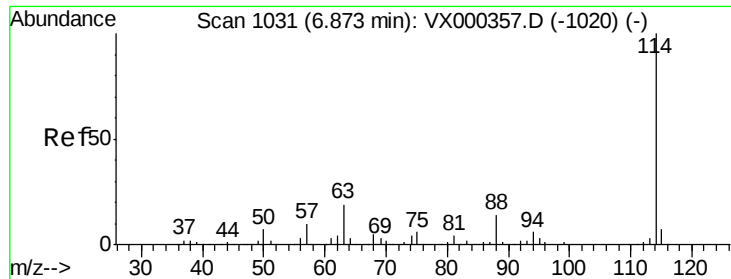
67 51.1 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

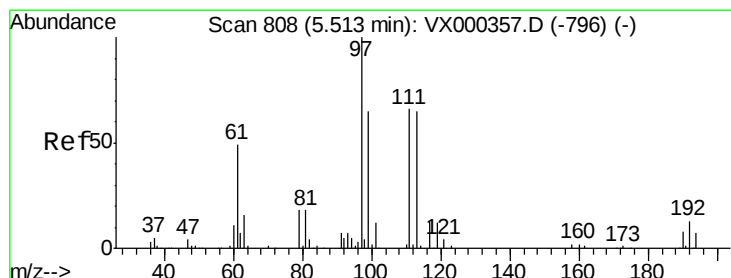
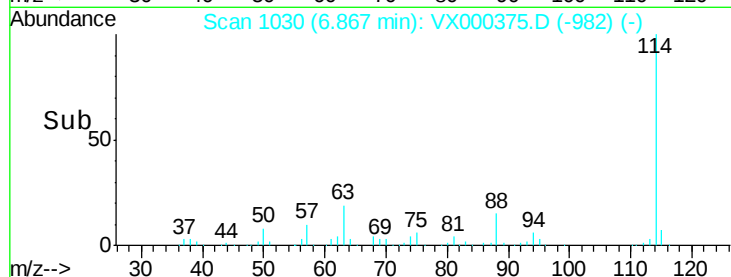
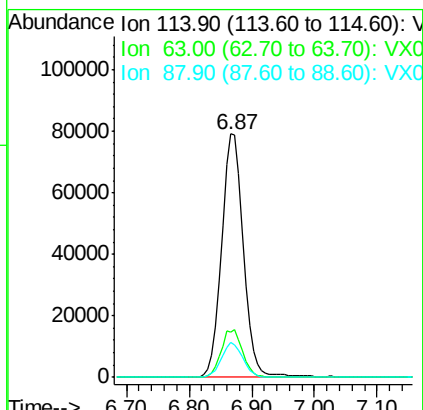
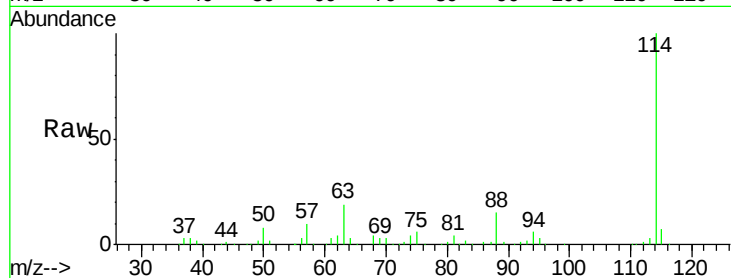




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000375.D
 Acq: 21 Mar 2018 10:50

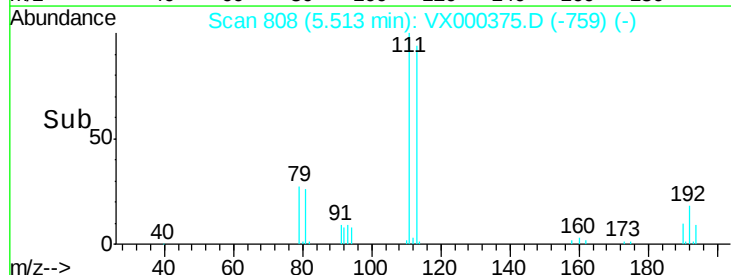
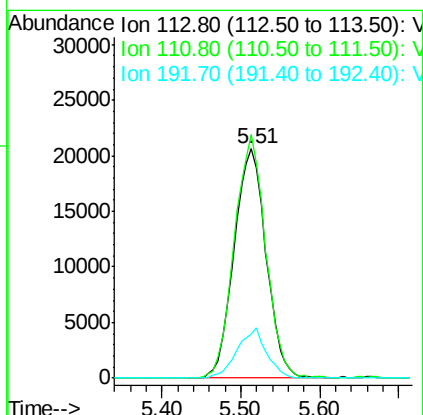
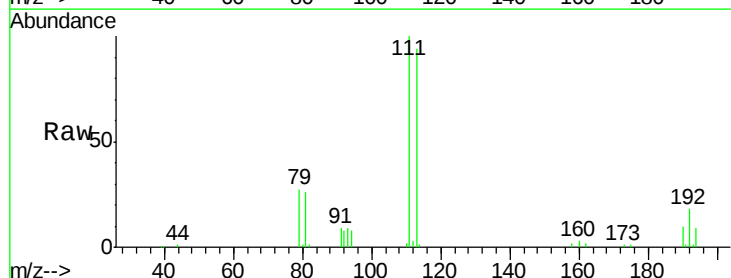
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBL01

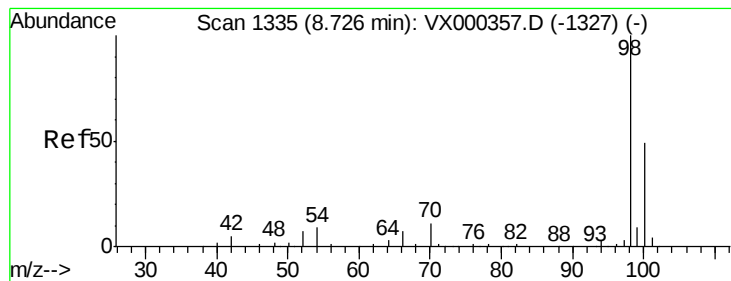
Tot Ion:114 Resp: 191234
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.4
 88 14.5 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 48.42 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000375.D
 Acq: 21 Mar 2018 10:50

Tgt Ion:113 Resp: 58344
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.4 123.6
 192 19.9 15.8 23.6





#50

Toluene-d8

Concen: 47.26 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000375.D

Acq: 21 Mar 2018 10:50

Instrument :

MSVOA_X

ClientSampleId :

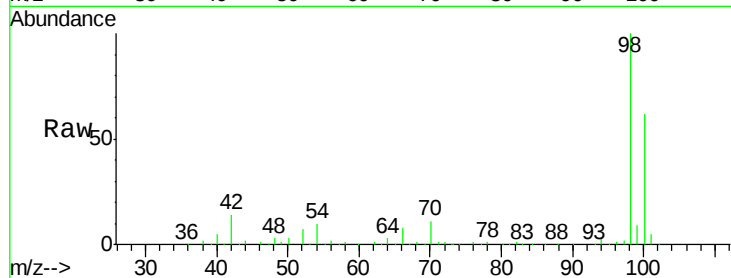
VX0321WBL01

Tot Ion: 98 Resp: 235853

Ion Ratio Lower Upper

98 100

100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

150000

100000

50000

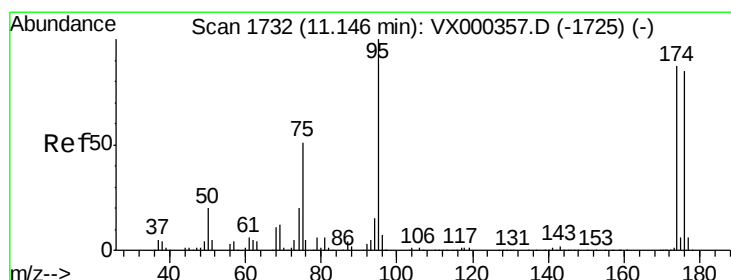
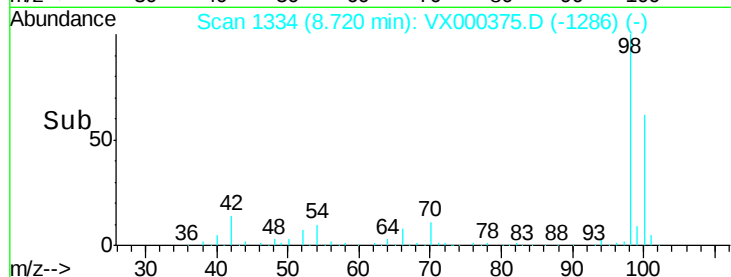
0

8.72

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 39.45 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000375.D

Acq: 21 Mar 2018 10:50

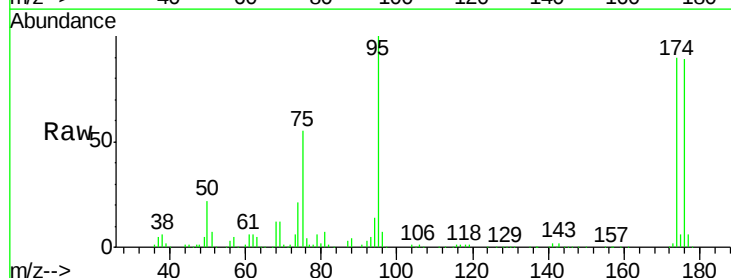
Tgt Ion: 95 Resp: 80064

Ion Ratio Lower Upper

95 100

174 88.2 0.0 173.6

176 85.5 0.0 164.6



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

80000

60000

40000

20000

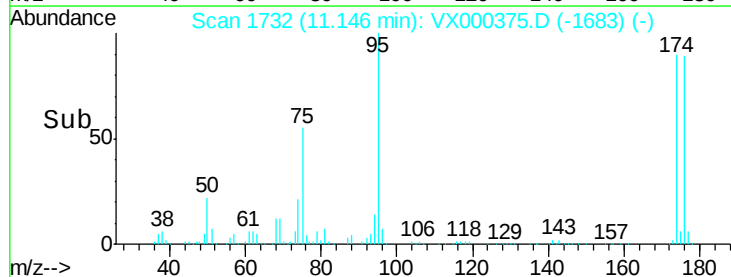
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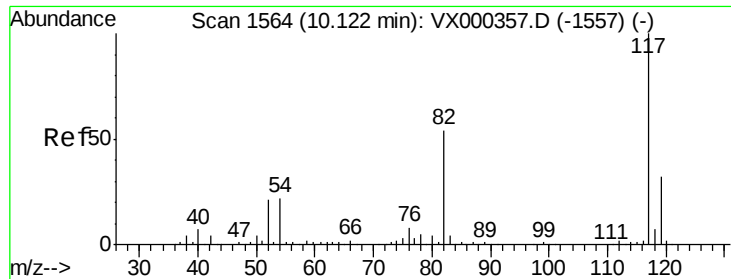
11.15

11.10

11.20

Time-->

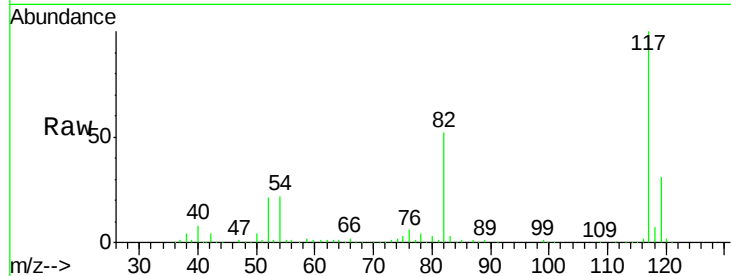




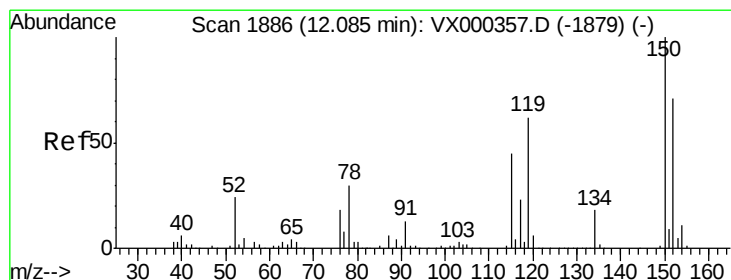
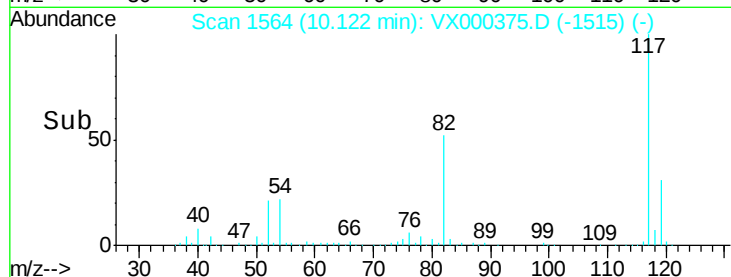
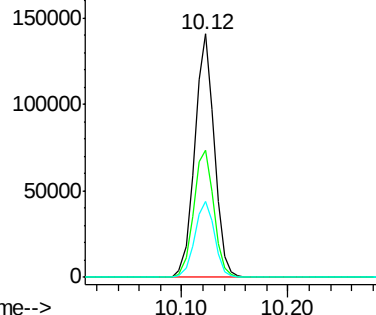
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000375.D
Acq: 21 Mar 2018 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBL01

Tot Ion:117 Resp: 181431
Ion Ratio Lower Upper
117 100
82 52.5 43.8 65.8
119 31.2 24.9 37.3

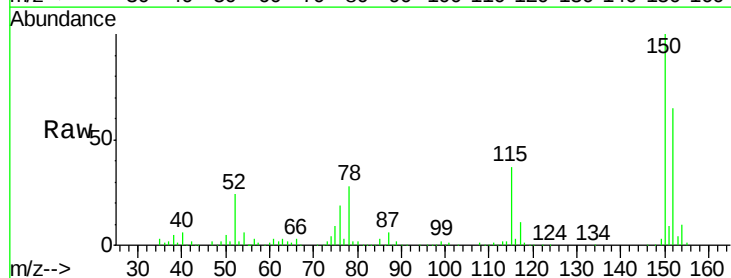


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000375.D
Acq: 21 Mar 2018 10:50

Tgt Ion:152 Resp: 86142
Ion Ratio Lower Upper
152 100
115 57.0 39.8 119.3
150 156.7 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

