

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000363.D
 Acq On : 20 Mar 2018 16:35
 Operator : JC/MD
 Sample : VX0320WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBL01

Quant Time: Mar 21 04:59:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 14:01:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	118411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	202166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	197406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	96204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	82256	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
35) Dibromofluoromethane	5.51	113	62711	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	8.72	98	258023	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.15	95	88177	40.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.68%	

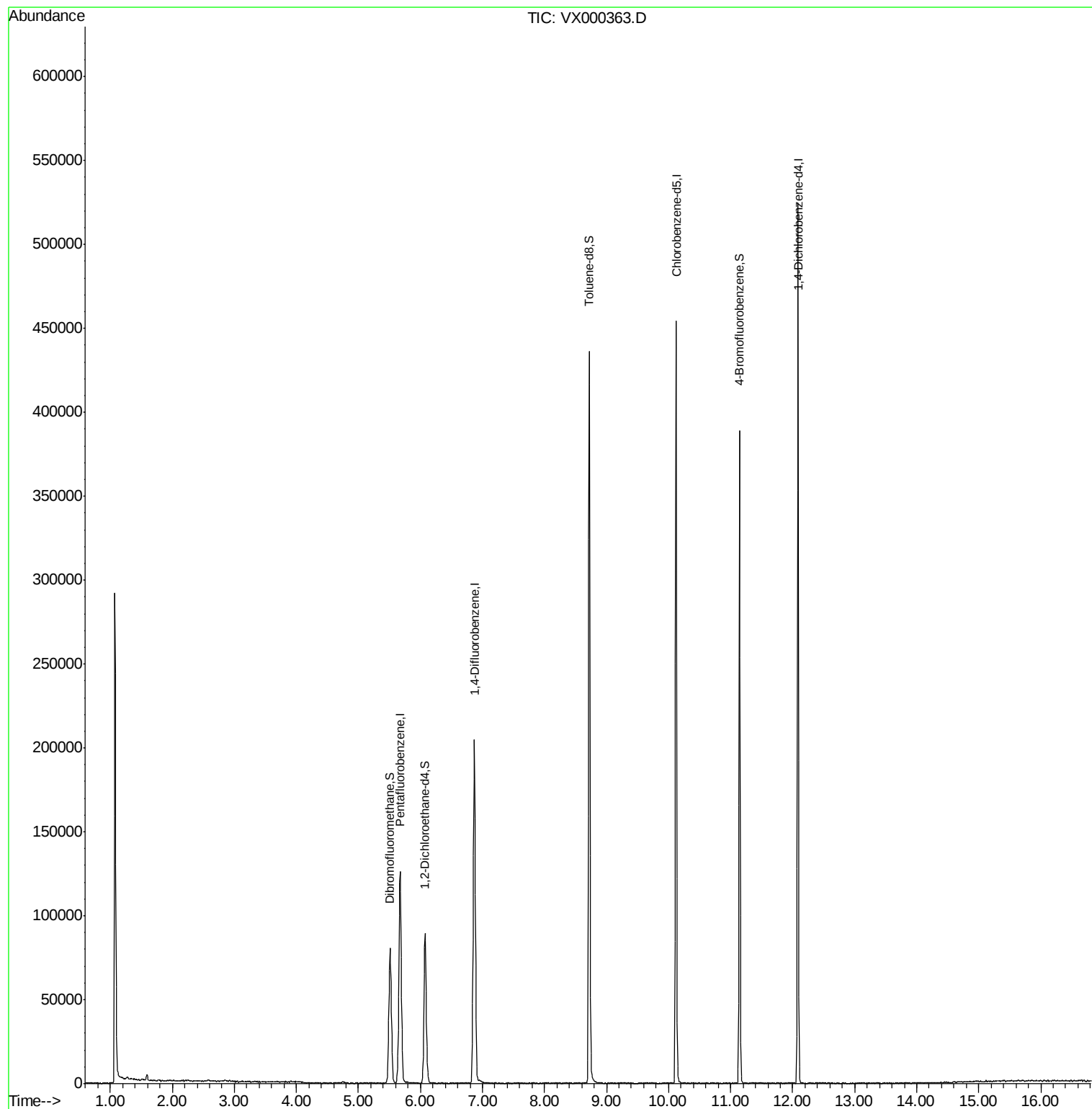
Target Compounds	Qvalue
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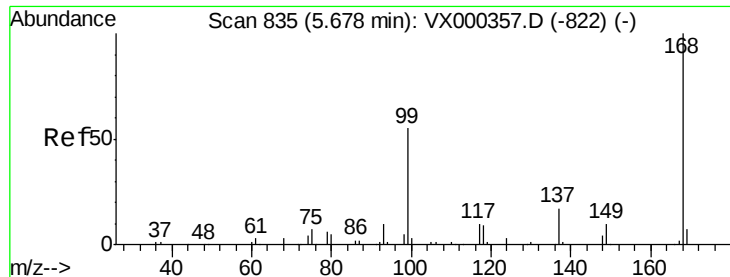
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000363.D

Acq: 20 Mar 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

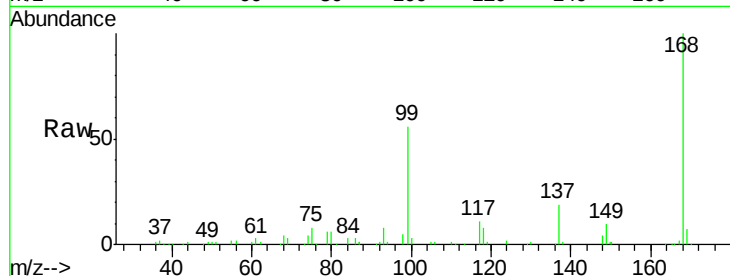
VX0320WBL01

Tot Ion:168 Resp: 118411

Ion Ratio Lower Upper

168 100

99 55.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

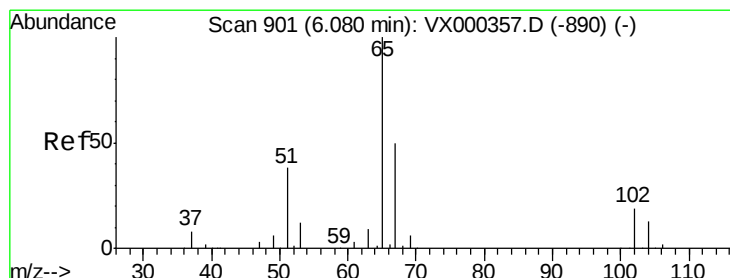
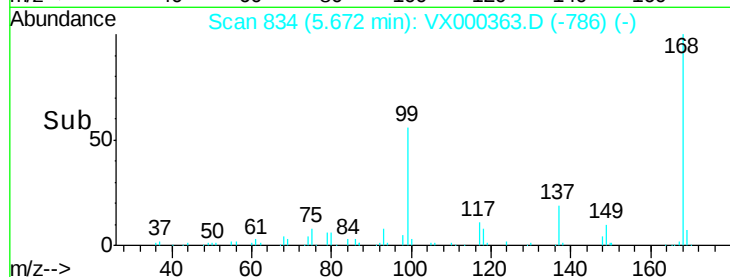
20000

10000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.22 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000363.D

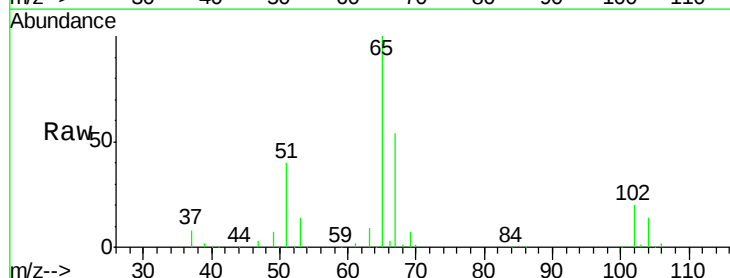
Acq: 20 Mar 2018 16:35

Tgt Ion: 65 Resp: 82256

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

30000

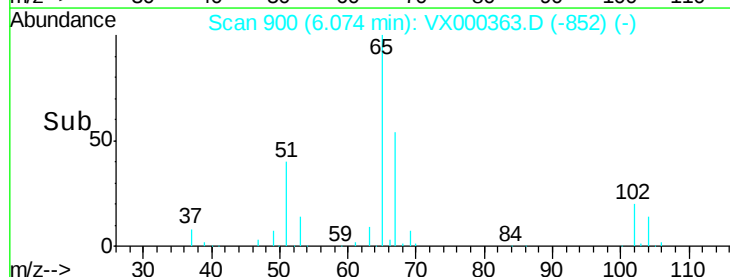
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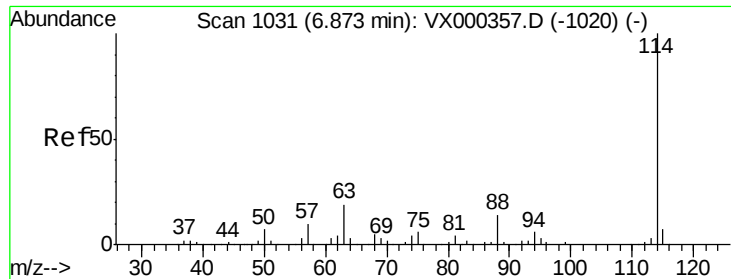
10000

0

Time-->

6.00 6.10 6.20

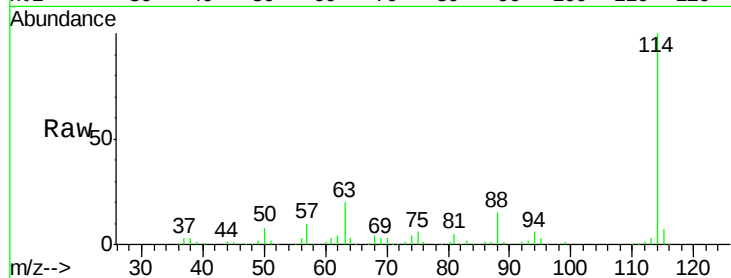




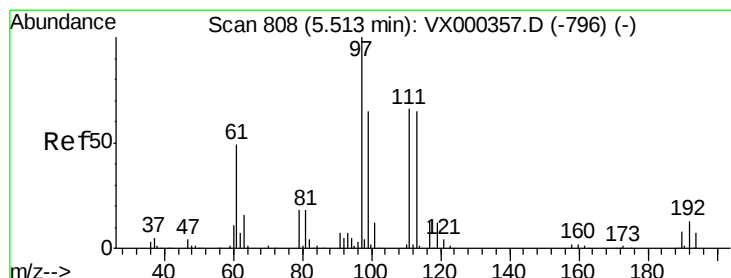
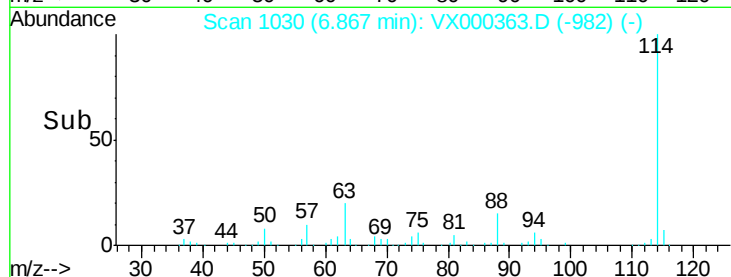
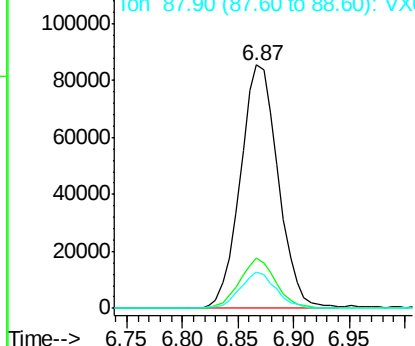
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000363.D
 Acq: 20 Mar 2018 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBL01

Tot Ion:114 Resp: 202166
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.4
 88 14.8 0.0 27.0

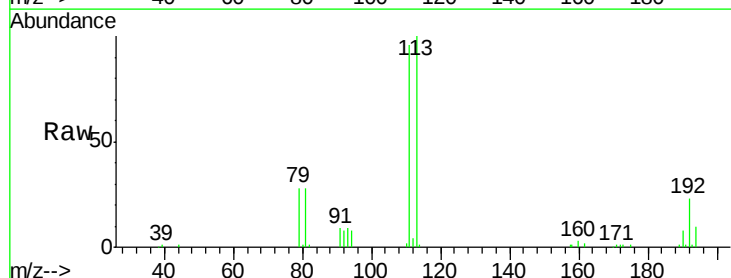


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

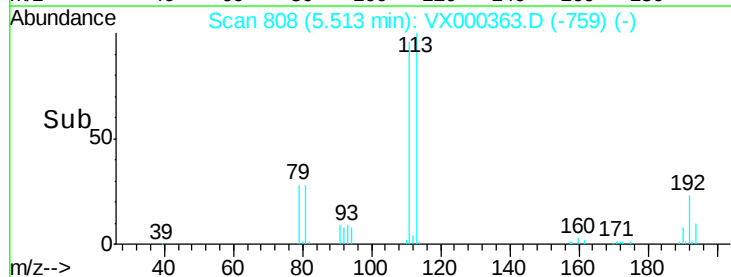
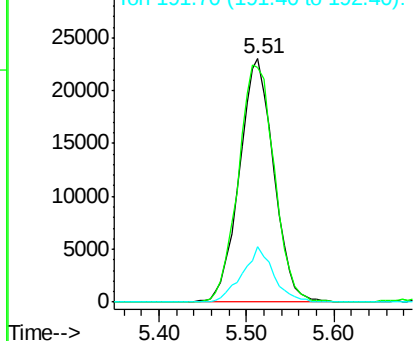


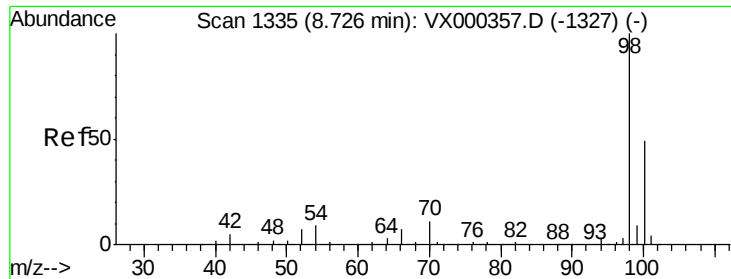
#35
 Dibromofluoromethane
 Concen: 49.23 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000363.D
 Acq: 20 Mar 2018 16:35

Tgt Ion:113 Resp: 62711
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 20.5 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: 48.91 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000363.D

Acq: 20 Mar 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

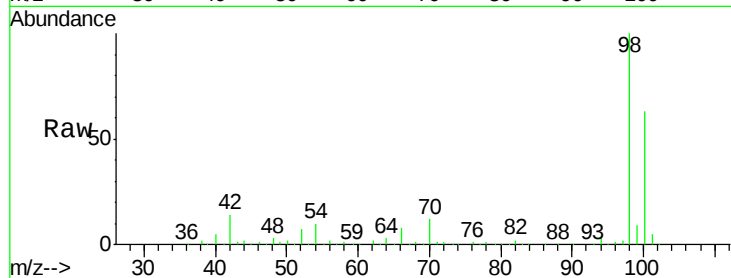
VX0320WBL01

Tot Ion: 98 Resp: 258023

Ion Ratio Lower Upper

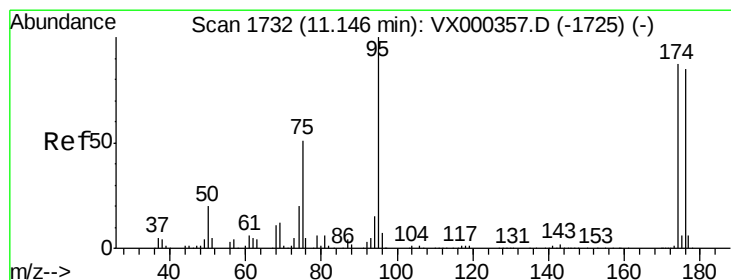
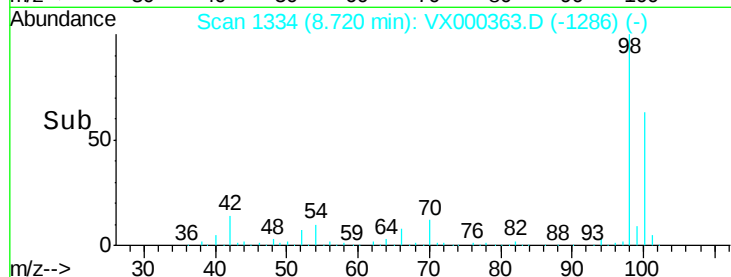
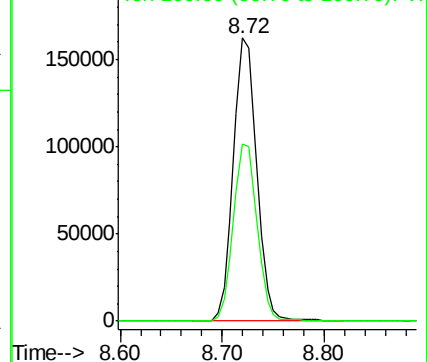
98 100

100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 40.84 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000363.D

Acq: 20 Mar 2018 16:35

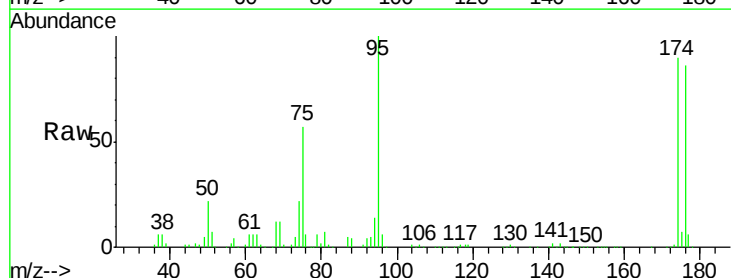
Tgt Ion: 95 Resp: 88177

Ion Ratio Lower Upper

95 100

174 88.5 0.0 173.6

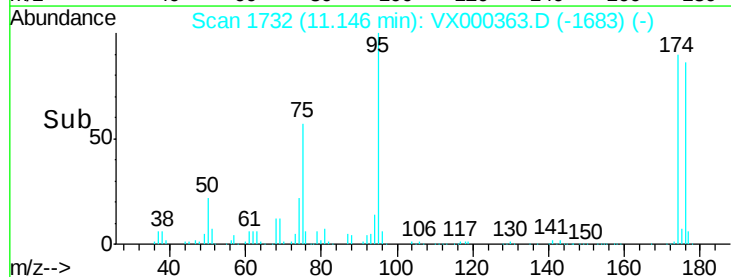
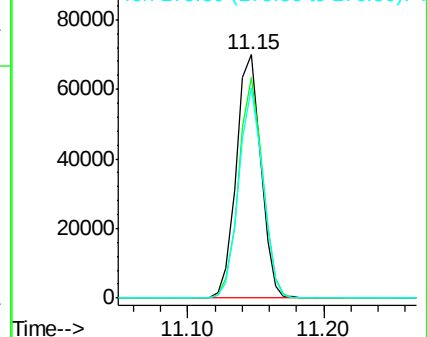
176 84.7 0.0 164.6

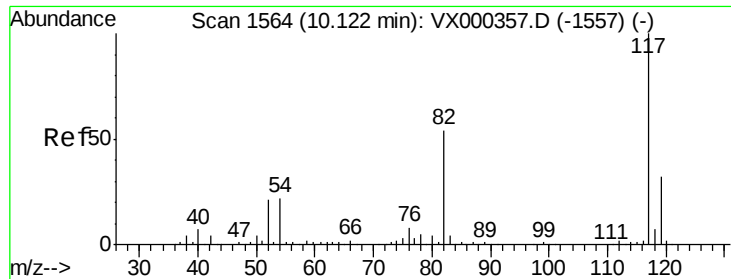


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

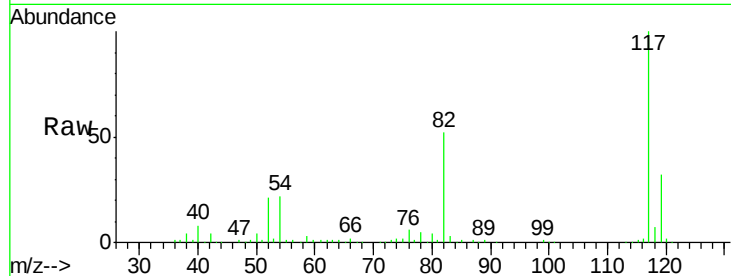




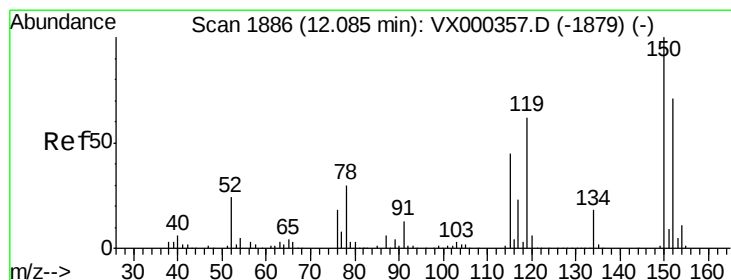
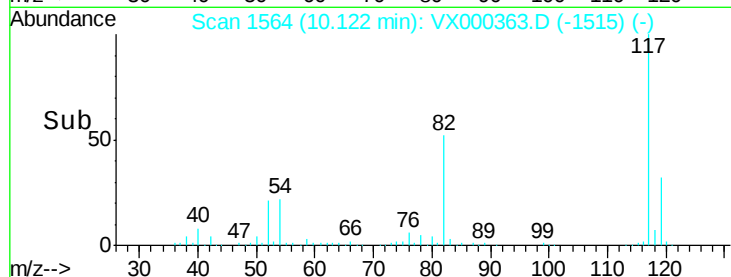
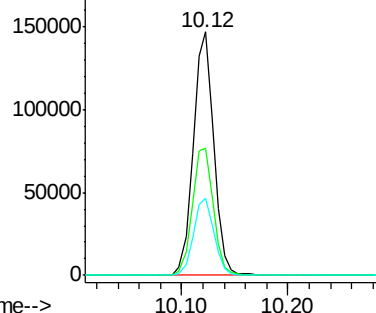
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000363.D
Acq: 20 Mar 2018 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL01

Tot Ion:117 Resp: 197406
Ion Ratio Lower Upper
117 100
82 52.2 43.8 65.8
119 31.9 24.9 37.3

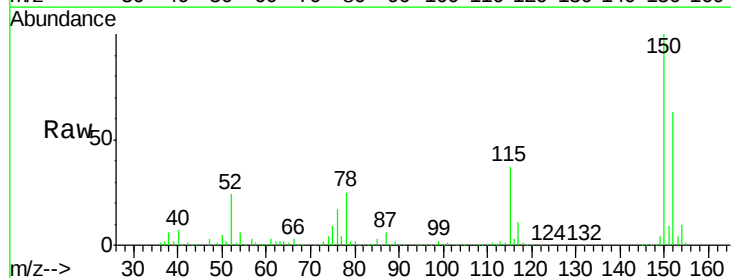


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000363.D
Acq: 20 Mar 2018 16:35

Tgt Ion:152 Resp: 96204
Ion Ratio Lower Upper
152 100
115 56.9 39.8 119.3
150 157.3 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

