

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001332.D
 Acq On : 02 May 2018 22:57
 Operator : JC/MD
 Sample : VX0502WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBL02

Quant Time: May 03 06:36:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	145136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	193689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	171378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	93380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	90655	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
35) Dibromofluoromethane	5.51	113	74325	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
50) Toluene-d8	8.72	98	268748	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
62) 4-Bromofluorobenzene	11.14	95	85330	35.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.58%	

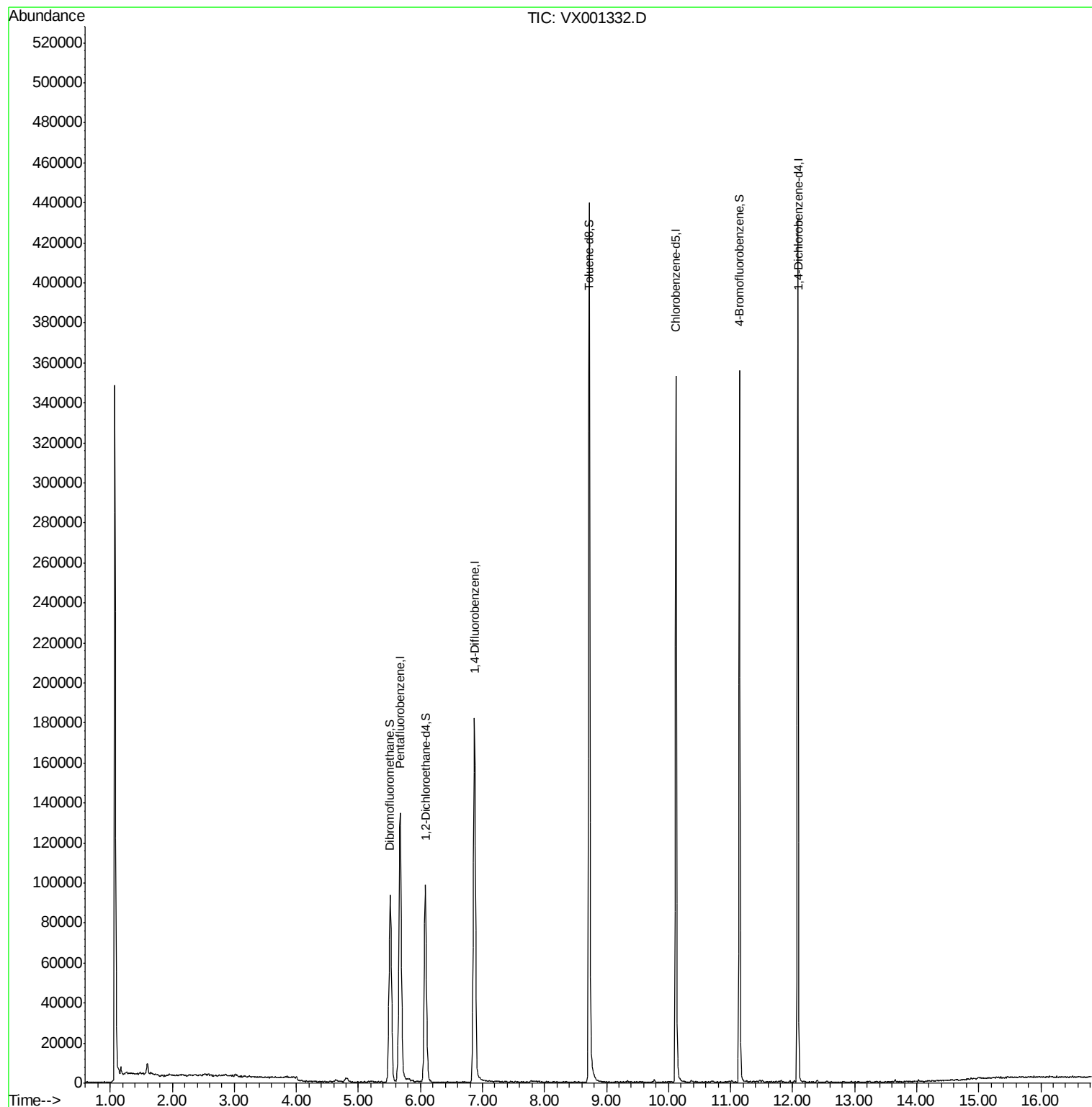
Target Compounds	Qvalue
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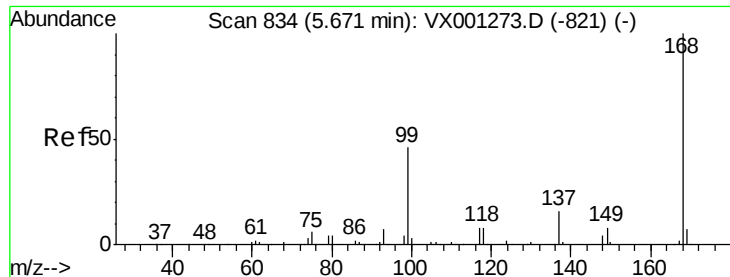
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

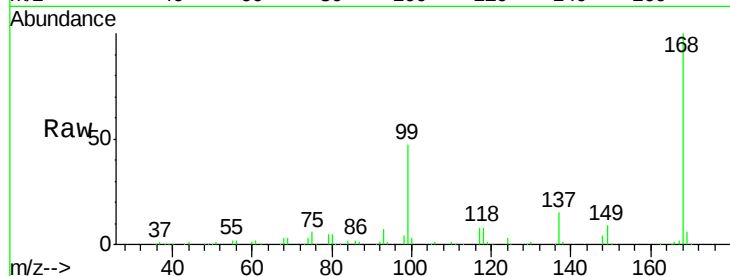
VX0502WBL02

Tot Ion:168 Resp: 145136

Ion Ratio Lower Upper

168 100

99 47.1 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

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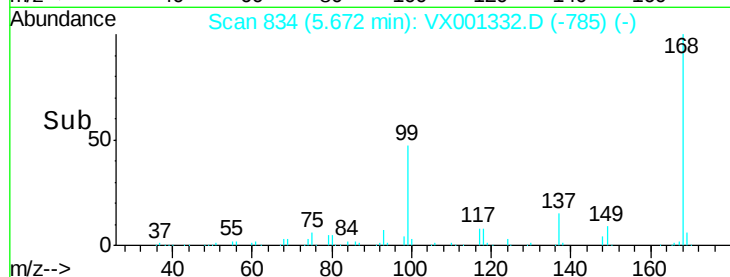
5.67

5.67

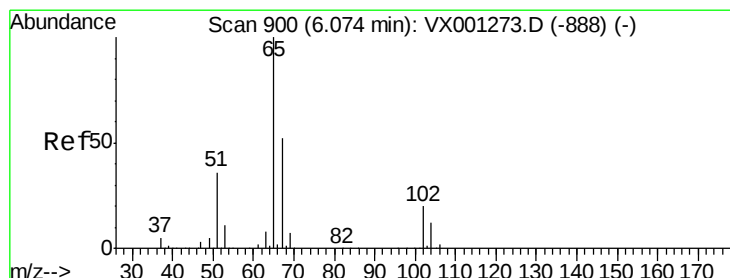
5.67

5.67

5.67



Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.12 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001332.D

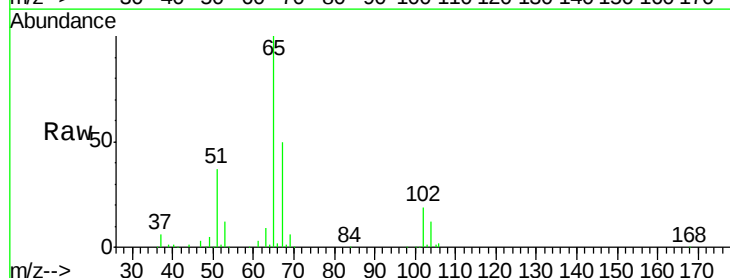
Acq: 02 May 2018 22:57

Tgt Ion: 65 Resp: 90655

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

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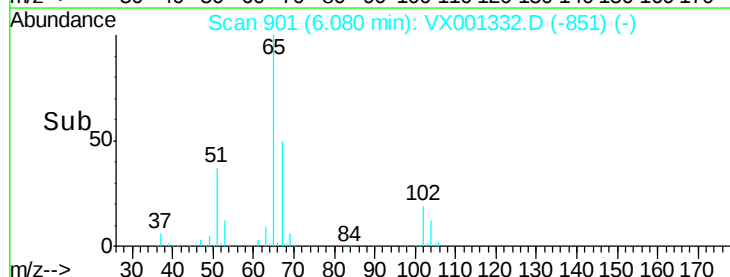
6.08

6.08

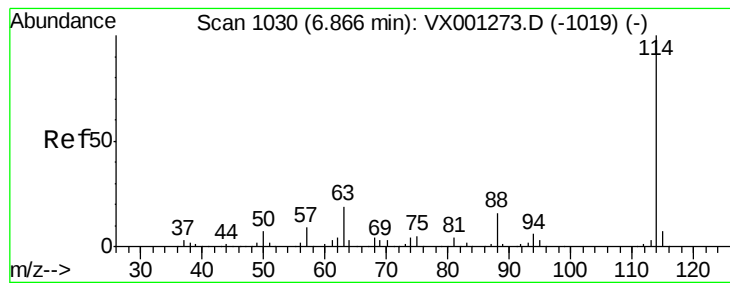
6.08

6.08

6.08



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBL02

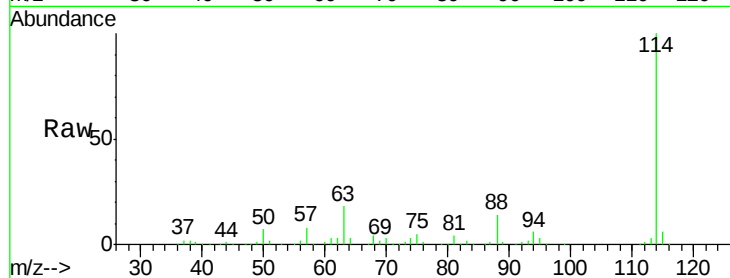
Tot Ion:114 Resp: 193689

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.8

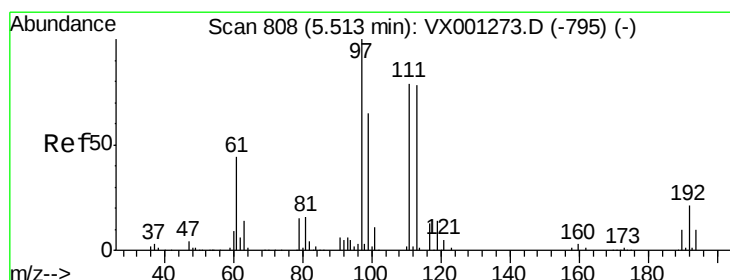
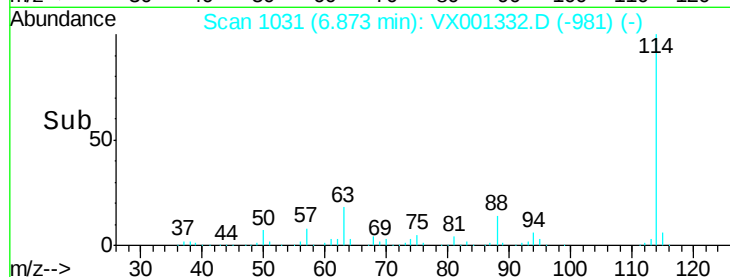
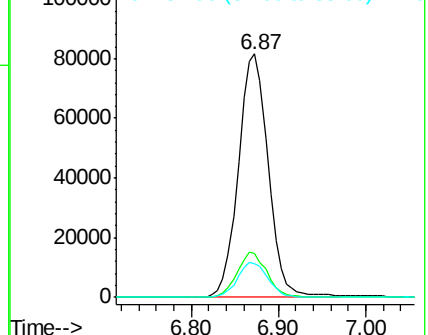
88 14.0 0.0 32.2



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: 44.54 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

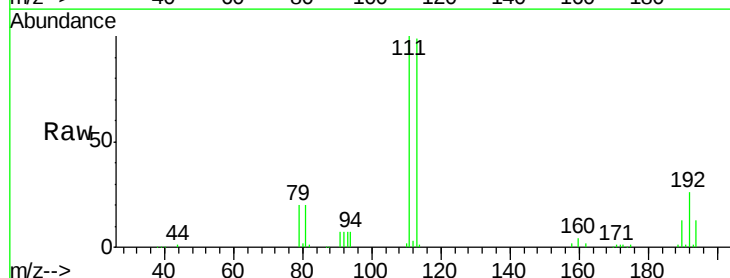
Tgt Ion:113 Resp: 74325

Ion Ratio Lower Upper

113 100

111 101.4 81.2 121.8

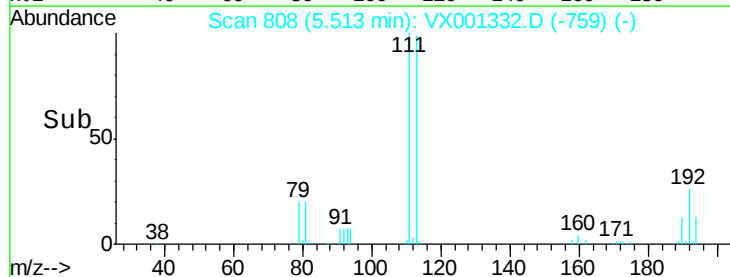
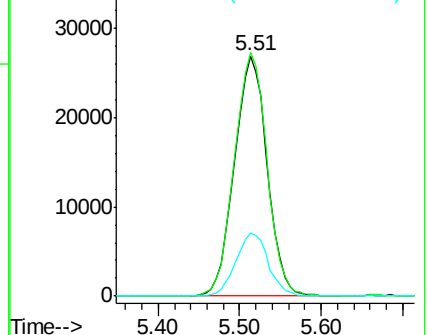
192 26.0 20.7 31.1

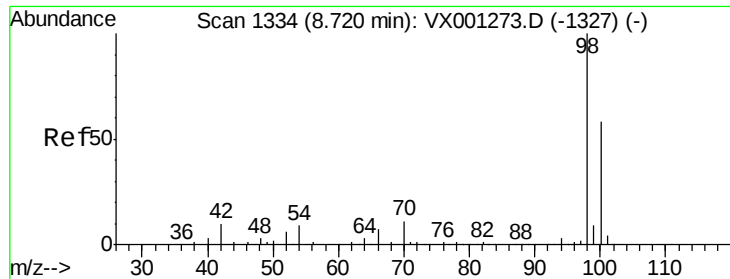


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.08 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

Instrument :

MSVOA_X

ClientSampleId :

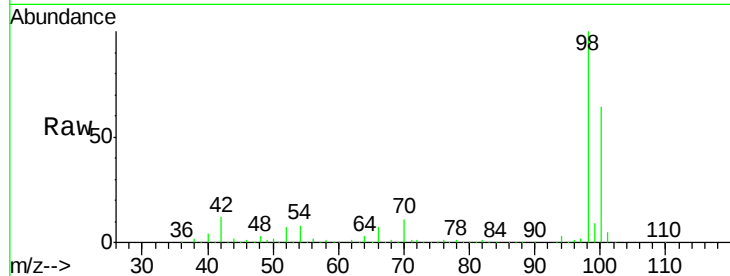
VX0502WBL02

Tot Ion: 98 Resp: 268748

Ion Ratio Lower Upper

98 100

100 63.3 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

150000

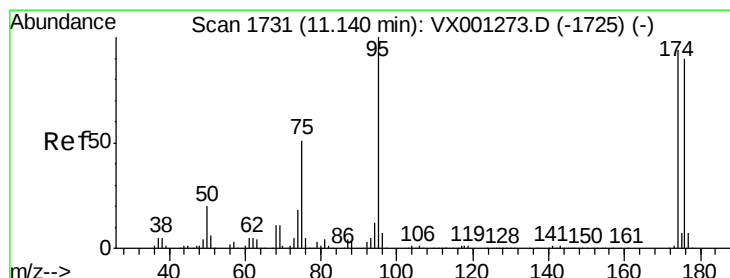
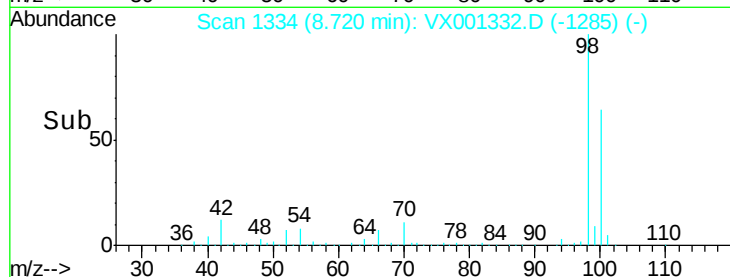
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 35.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001332.D

Acq: 02 May 2018 22:57

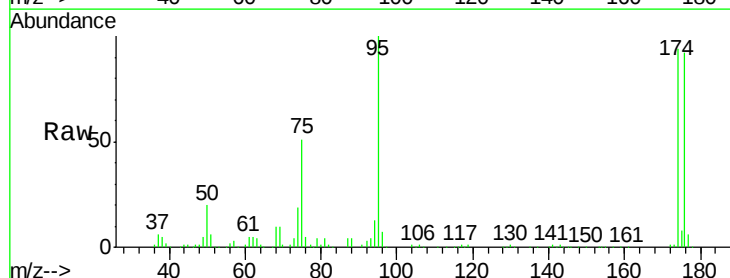
Tgt Ion: 95 Resp: 85330

Ion Ratio Lower Upper

95 100

174 104.9 0.0 201.8

176 103.3 0.0 197.2



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

100000

80000

60000

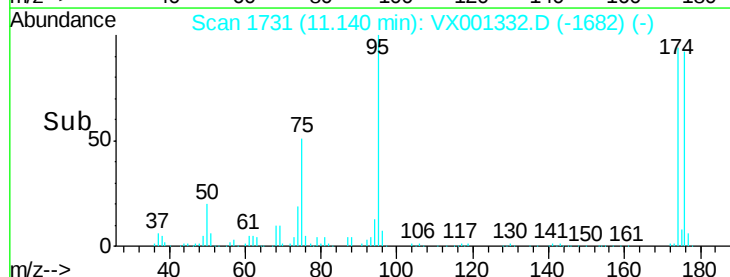
40000

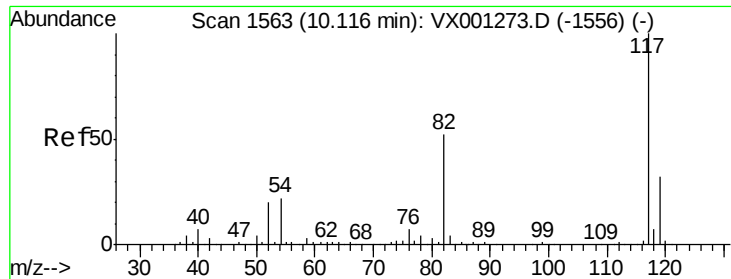
20000

0

Time-->

11.10 11.20

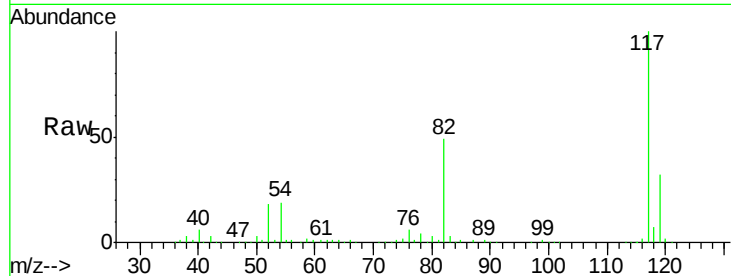




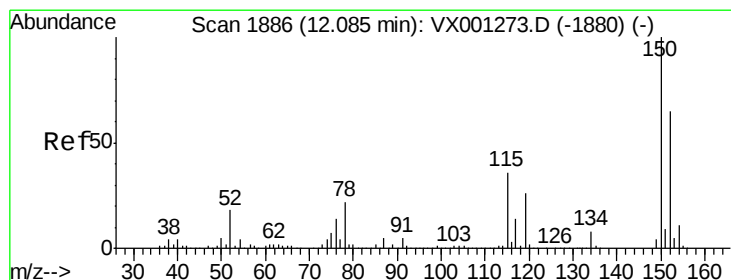
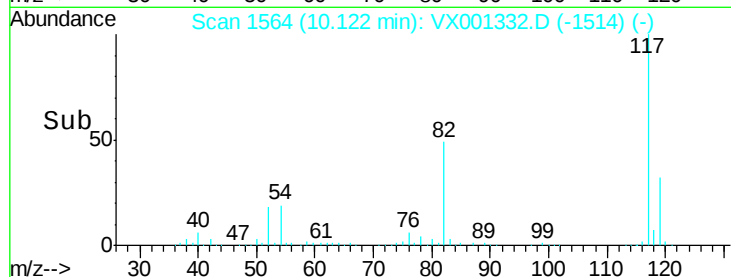
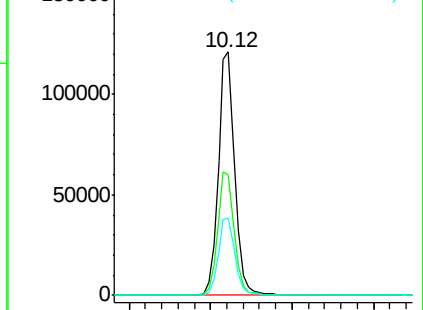
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001332.D
Acq: 02 May 2018 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBL02

Tot Ion:117 Resp: 171378
Ion Ratio Lower Upper
117 100
82 49.4 41.4 62.0
119 31.8 25.5 38.3

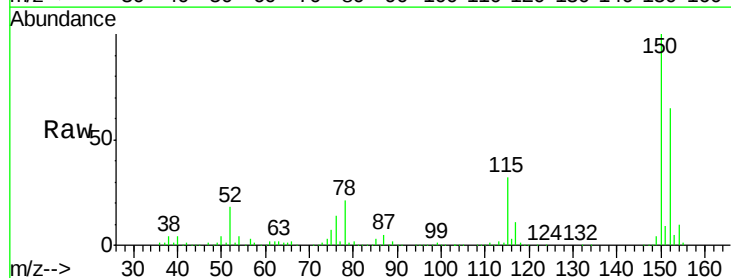


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001332.D
Acq: 02 May 2018 22:57

Tgt Ion:152 Resp: 93380
Ion Ratio Lower Upper
152 100
115 51.6 38.6 115.7
150 157.3 0.0 349.2



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

