

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005330.D
 Acq On : 15 Oct 2018 09:10
 Operator : JC/MD
 Sample : VX1015WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBL01

Quant Time: Oct 16 04:03:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	305307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	414909	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	370019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182438	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167428	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	5.50	113	132278	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	8.72	98	493848	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	11.14	95	161440	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	

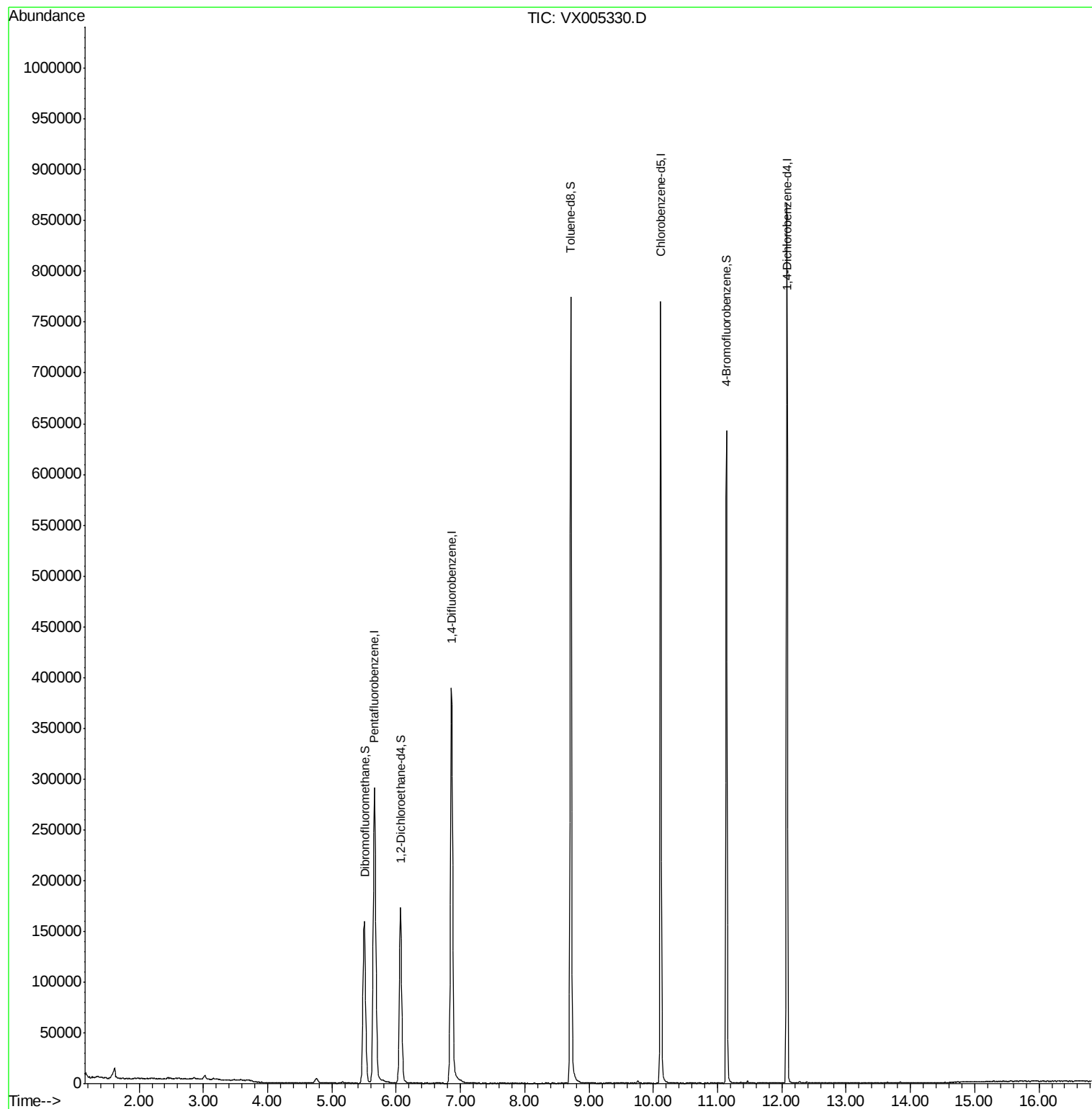
Target Compounds	Qvalue
------------------	--------

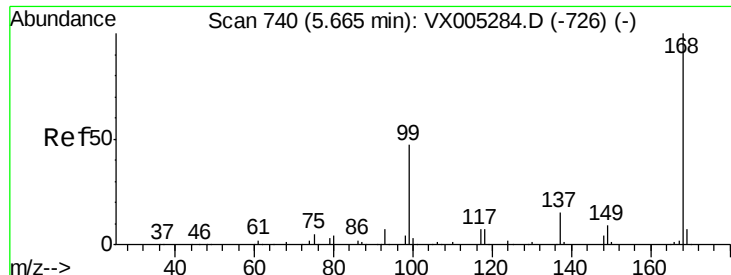
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
Data File : VX005330.D
Acq On : 15 Oct 2018 09:10
Operator : JC/MD
Sample : VX1015WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX1015WBL01

Quant Time: Oct 16 04:03:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005330.D

Acq: 15 Oct 2018 09:10

Instrument :

MSVOA_X

ClientSampleId :

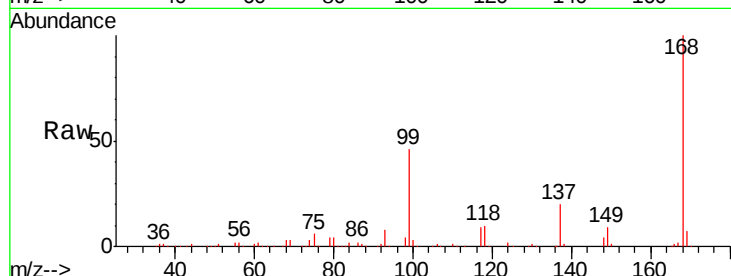
VX1015WBL01

Tgt Ion:168 Resp: 305307

Ion Ratio Lower Upper

168 100

99 46.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

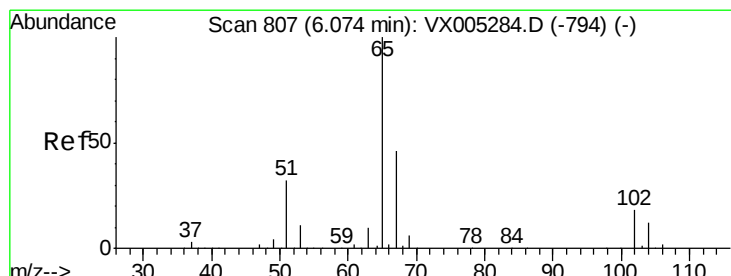
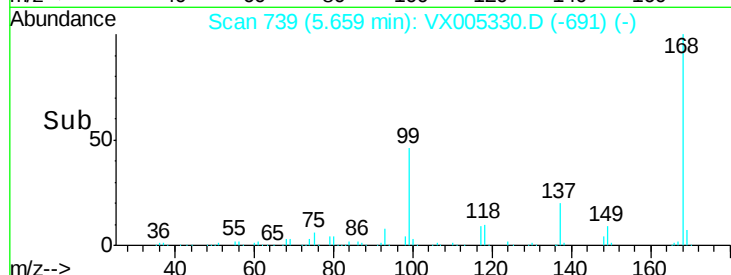
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.41 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005330.D

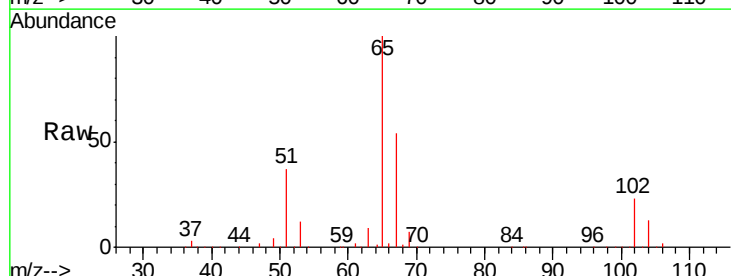
Acq: 15 Oct 2018 09:10

Tgt Ion: 65 Resp: 167428

Ion Ratio Lower Upper

65 100

67 54.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

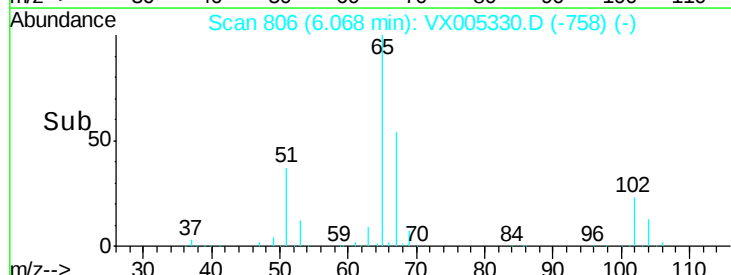
40000

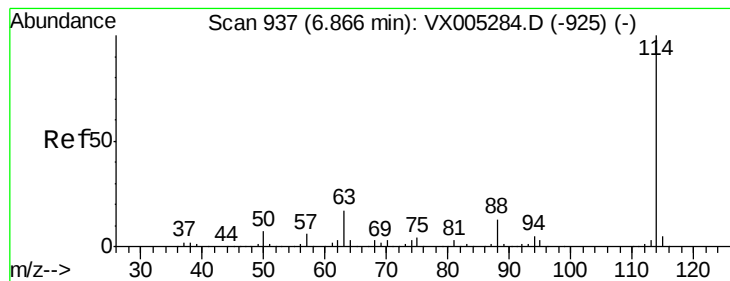
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005330.D

Acq: 15 Oct 2018 09:10

Instrument :

MSVOA_X

ClientSampleId :

VX1015WBL01

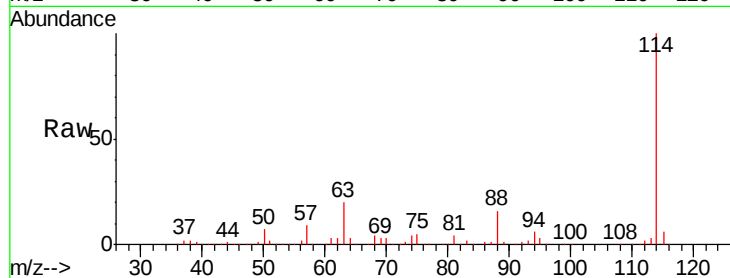
Tgt Ion:114 Resp: 414909

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.0

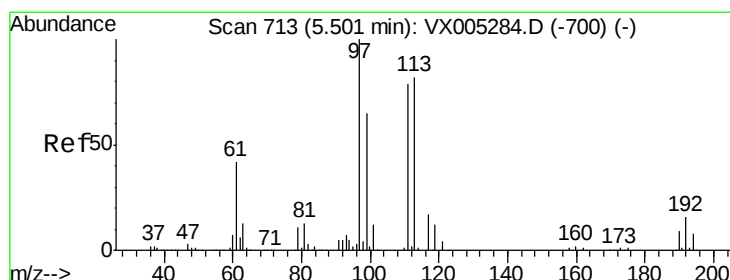
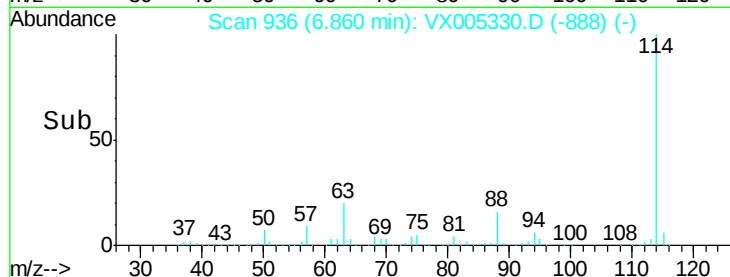
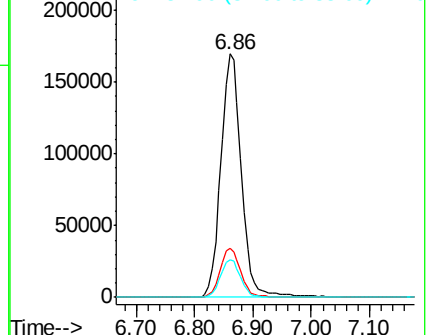
88 15.6 0.0 30.4



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: 48.14 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005330.D

Acq: 15 Oct 2018 09:10

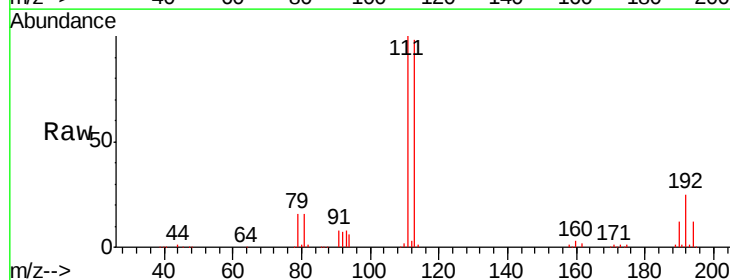
Tgt Ion:113 Resp: 132278

Ion Ratio Lower Upper

113 100

111 108.7 82.4 123.6

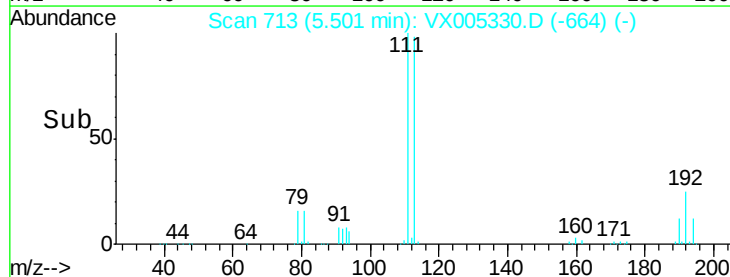
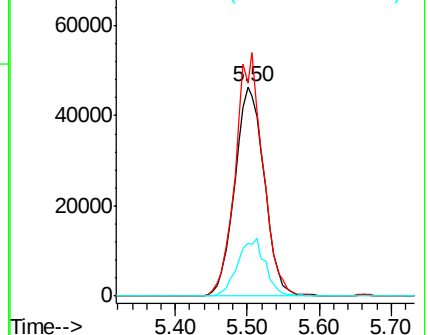
192 25.9 19.4 29.2

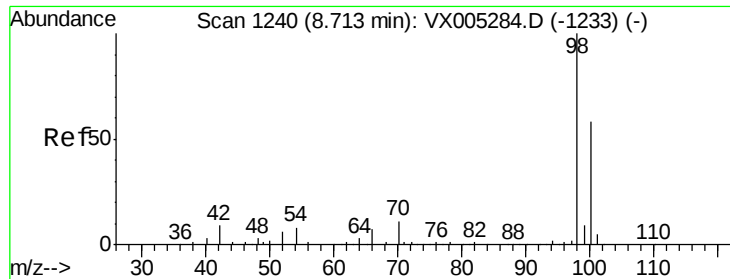


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.35 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005330.D

Acq: 15 Oct 2018 09:10

Instrument :

MSVOA_X

ClientSampleId :

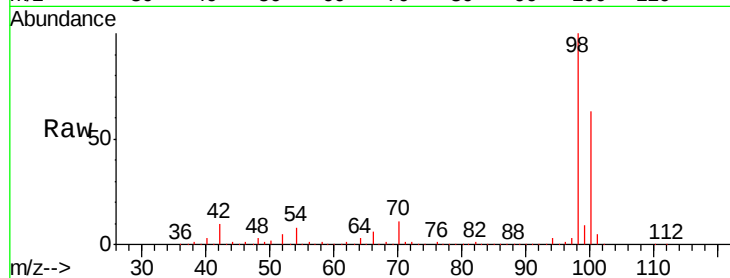
VX1015WBL01

Tgt Ion: 98 Resp: 493848

Ion Ratio Lower Upper

98 100

100 63.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

300000

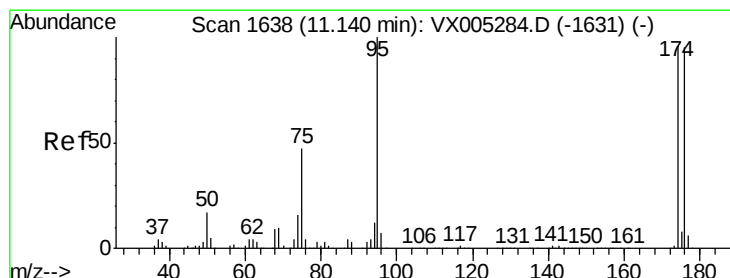
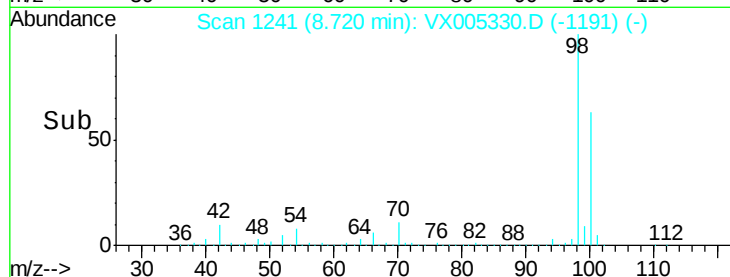
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 45.55 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005330.D

Acq: 15 Oct 2018 09:10

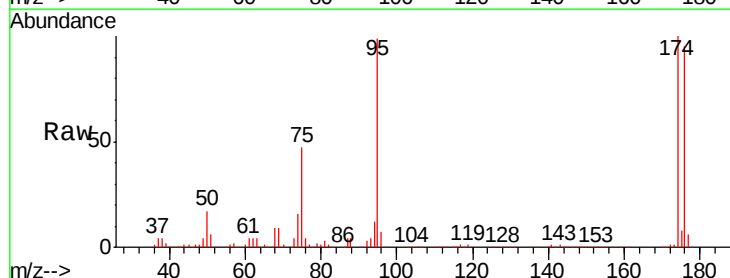
Tgt Ion: 95 Resp: 161440

Ion Ratio Lower Upper

95 100

174 96.7 0.0 185.2

176 92.9 0.0 178.6



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

11.14

150000

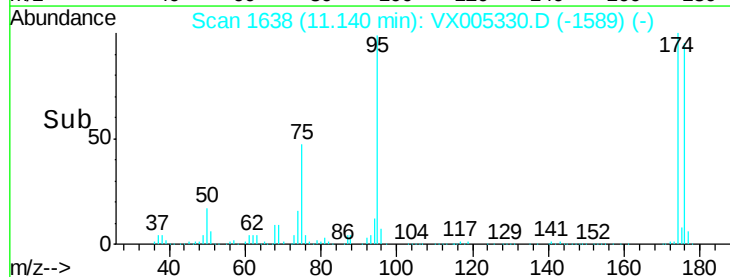
100000

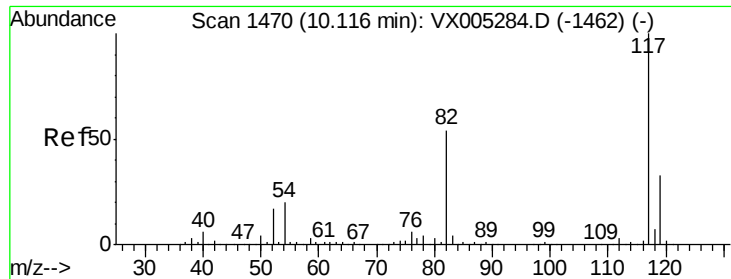
50000

0

Time-->

11.10 11.20 11.30

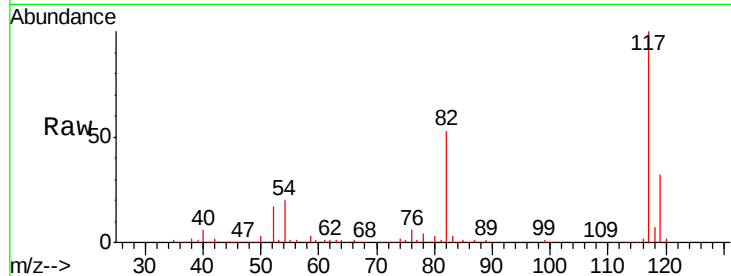




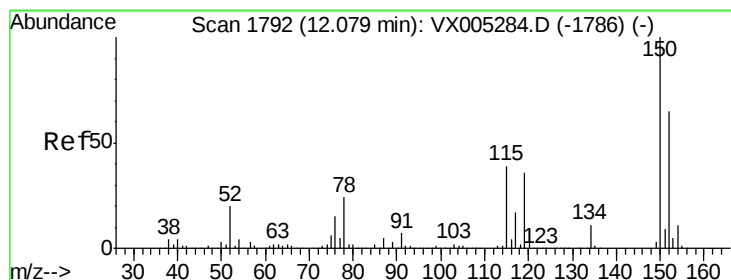
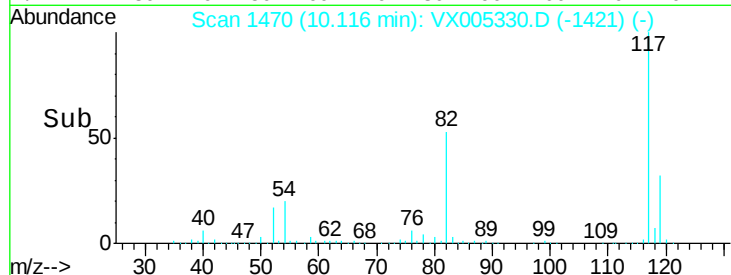
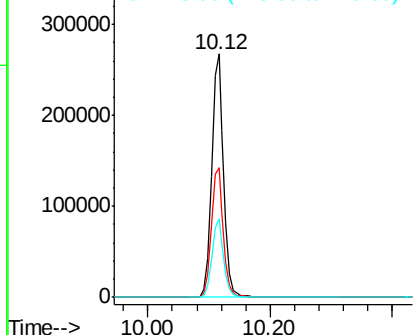
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005330.D
Acq: 15 Oct 2018 09:10

Instrument :
MSVOA_X
ClientSampleId :
VX1015WBL01

Tgt Ion:117 Resp: 370019
Ion Ratio Lower Upper
117 100
82 53.1 47.8 71.6
119 32.2 29.3 43.9

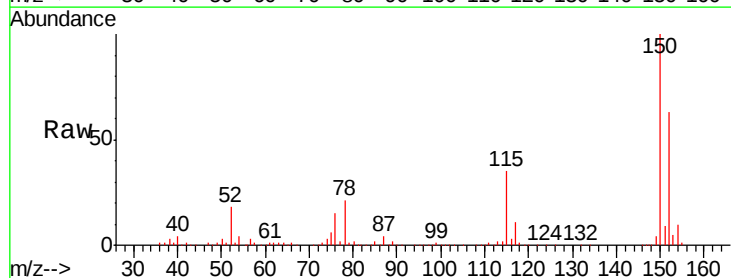


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005330.D
Acq: 15 Oct 2018 09:10

Tgt Ion:152 Resp: 182438
Ion Ratio Lower Upper
152 100
115 53.6 39.0 117.0
150 156.4 0.0 351.0



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

