

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001061.D
 Acq On : 23 Apr 2018 16:19
 Operator : JC/MD
 Sample : J2464-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1TB09-180417

Quant Time: Apr 24 07:52:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	211102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	293808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	264006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152431	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137095	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
35) Dibromofluoromethane	5.51	113	105877	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
50) Toluene-d8	8.72	98	409517	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.14	95	146039	42.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.02%	

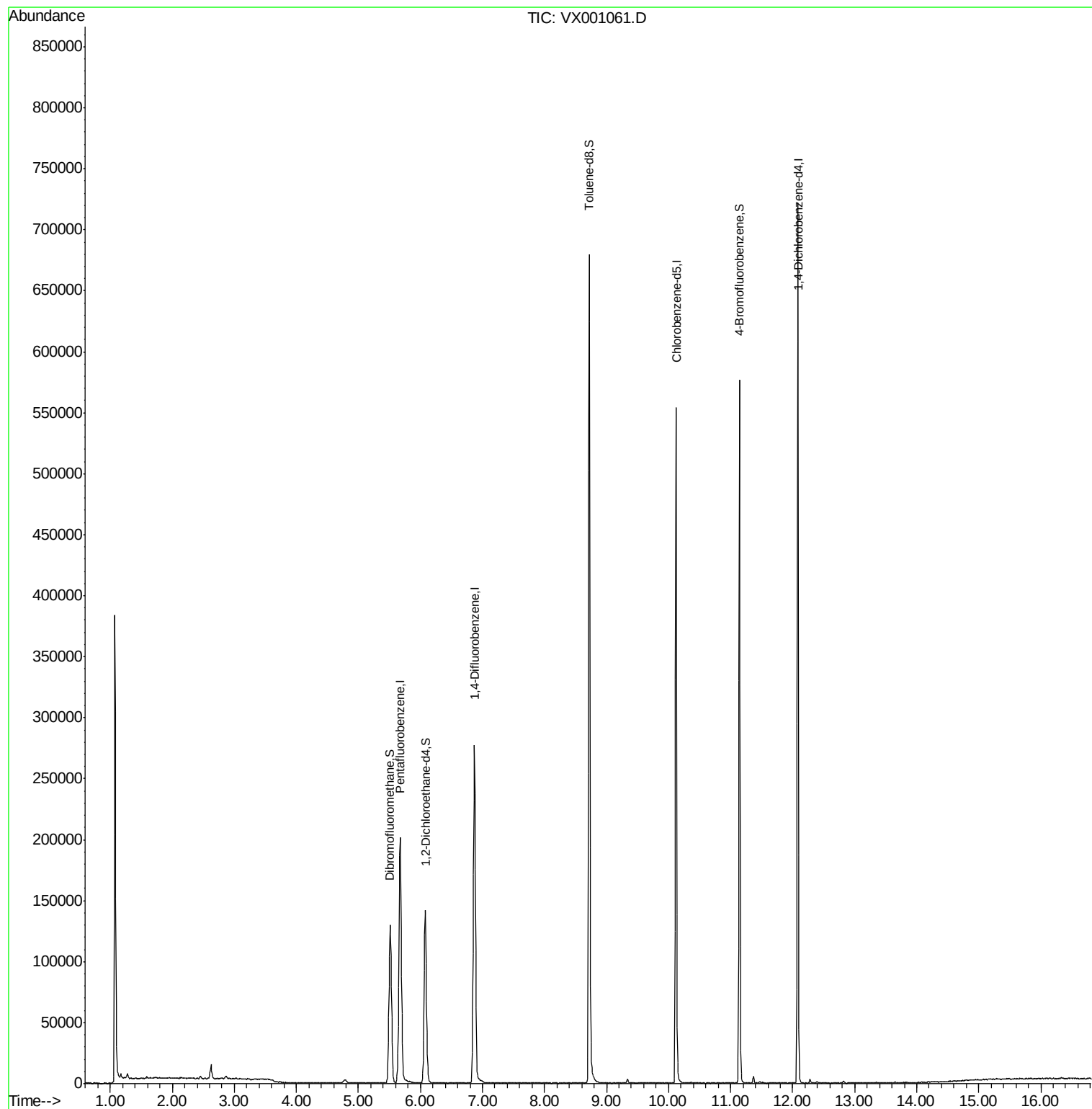
Target Compounds	Qvalue

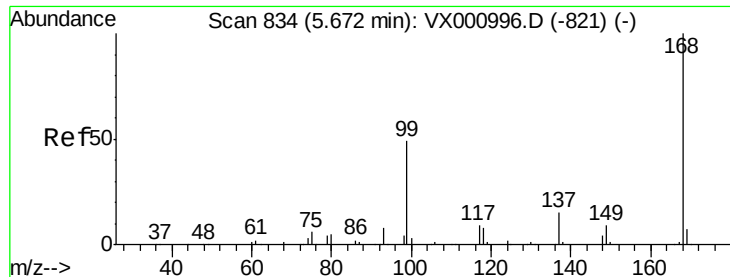
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001061.D

Acq: 23 Apr 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

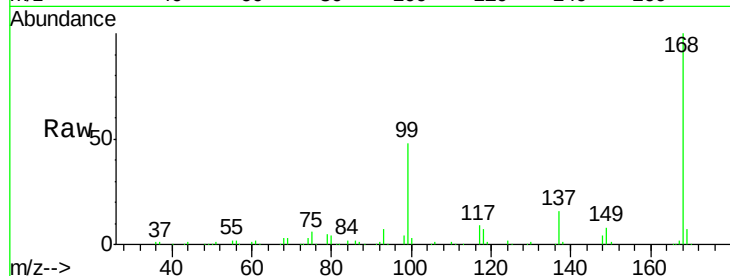
Z1TB09-180417

Tot Ion:168 Resp: 211102

Ion Ratio Lower Upper

168 100

99 48.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

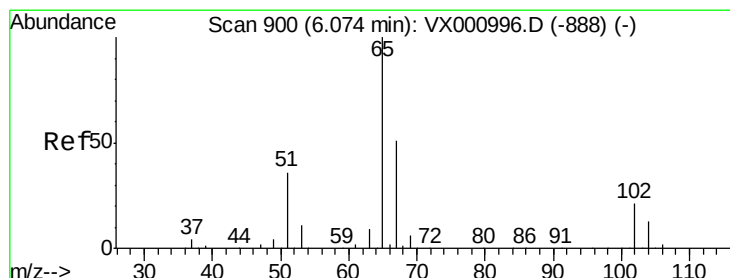
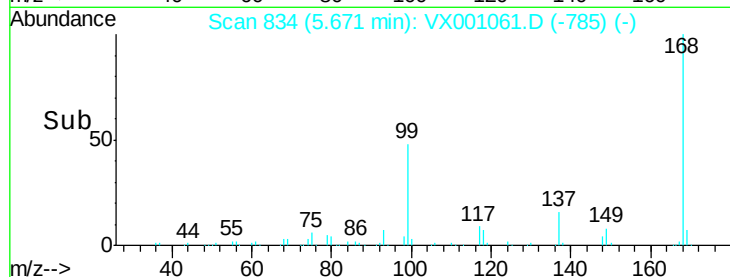
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.23 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001061.D

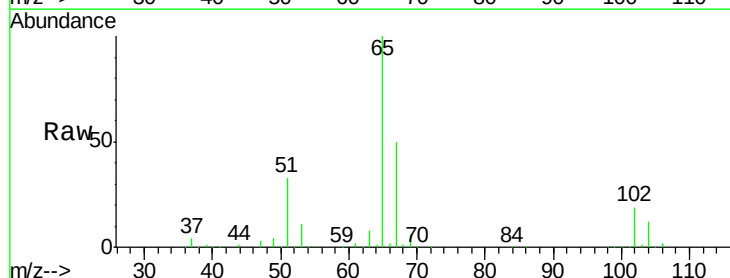
Acq: 23 Apr 2018 16:19

Tgt Ion: 65 Resp: 137095

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

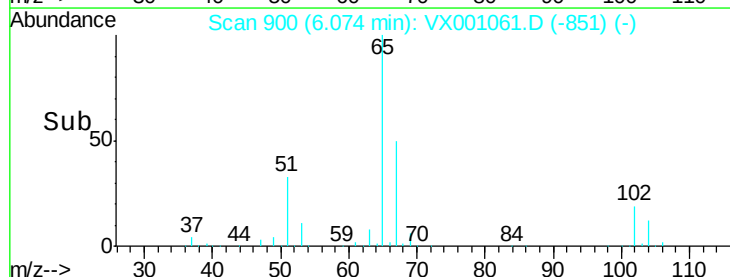
30000

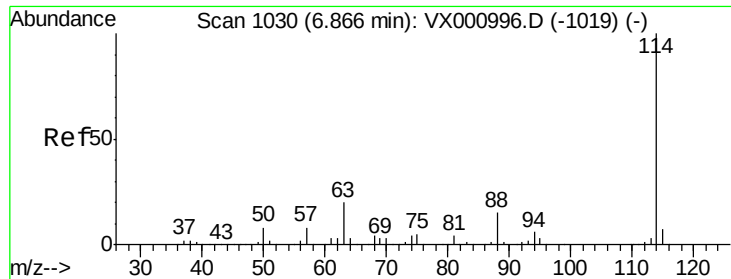
20000

10000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001061.D

Acq: 23 Apr 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

Z1TB09-180417

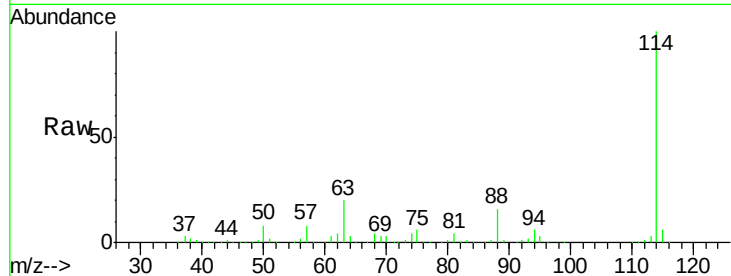
Tot Ion:114 Resp: 293808

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

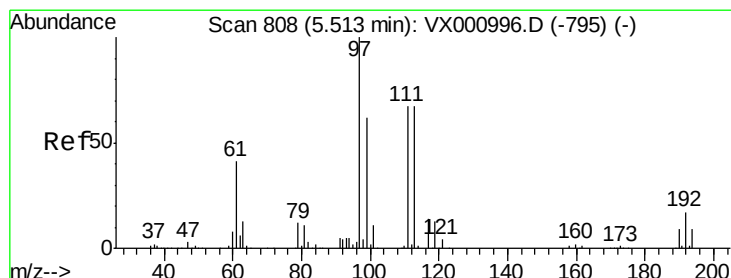
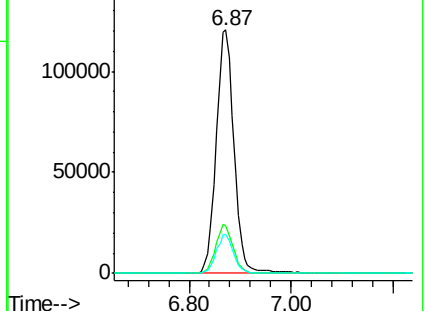
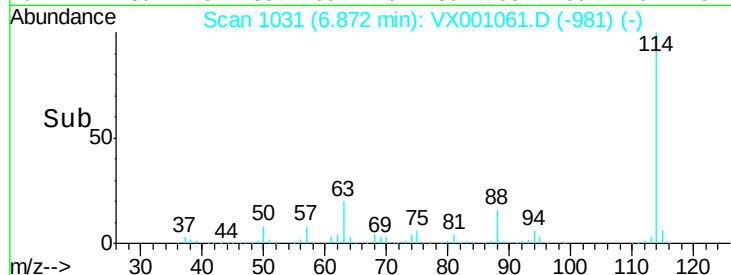
88 15.7 0.0 29.8



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: 47.26 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001061.D

Acq: 23 Apr 2018 16:19

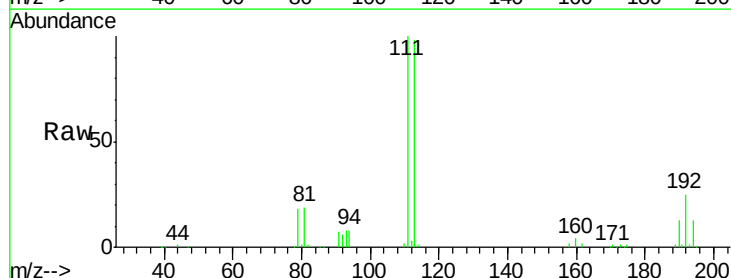
Tgt Ion:113 Resp: 105877

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.2

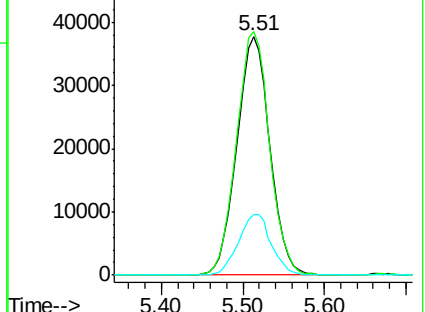
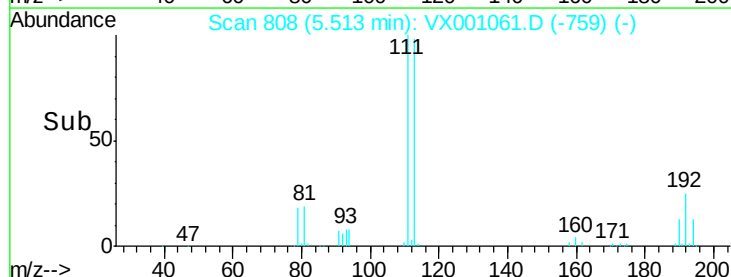
192 25.5 20.4 30.6

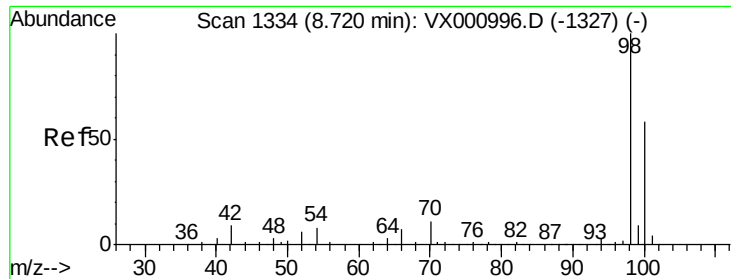


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.43 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001061.D

Acq: 23 Apr 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

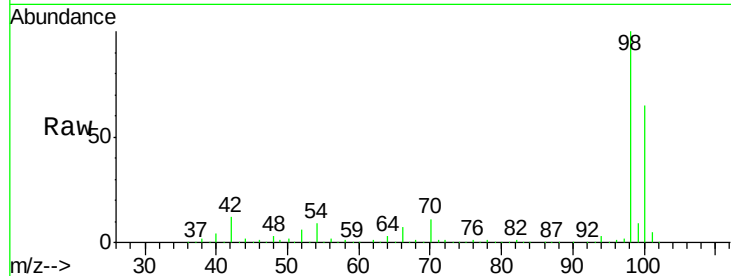
Z1TB09-180417

Tot Ion: 98 Resp: 409517

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

250000

200000

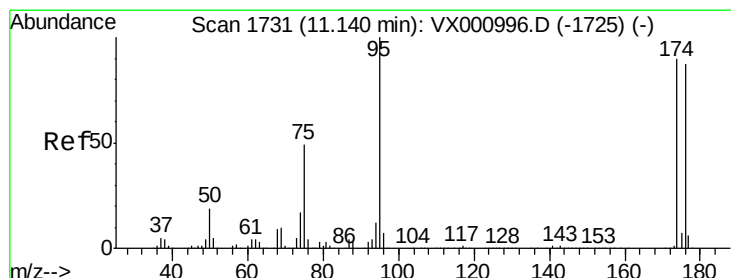
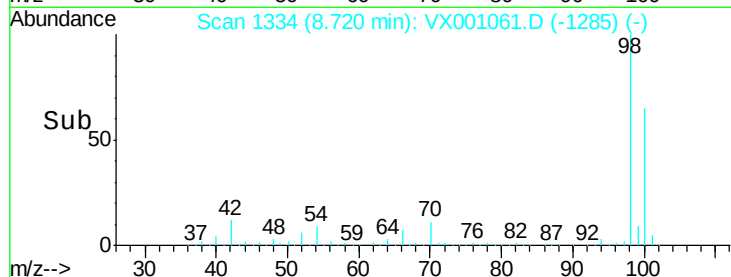
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001061.D

Acq: 23 Apr 2018 16:19

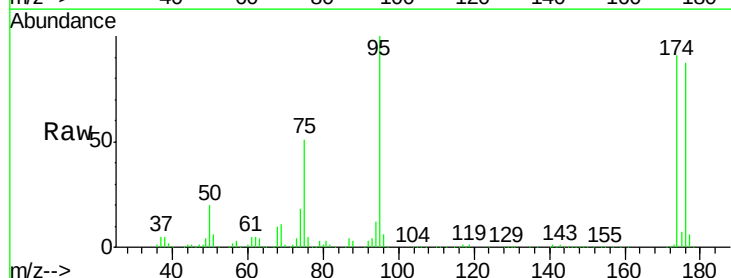
Tgt Ion: 95 Resp: 146039

Ion Ratio Lower Upper

95 100

174 97.8 0.0 198.4

176 94.9 0.0 192.0



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

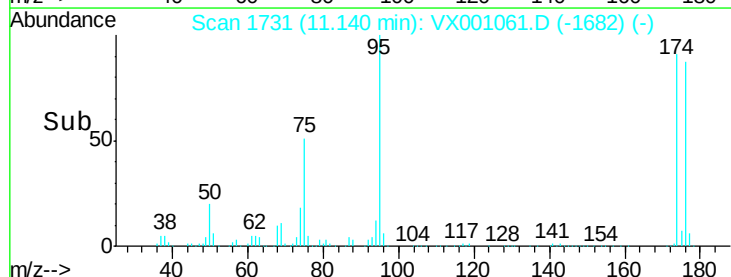
150000

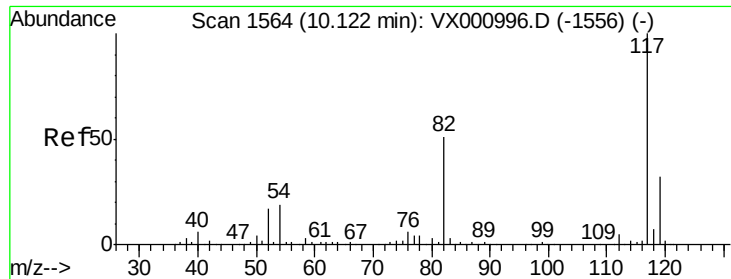
100000

50000

0

Time-->

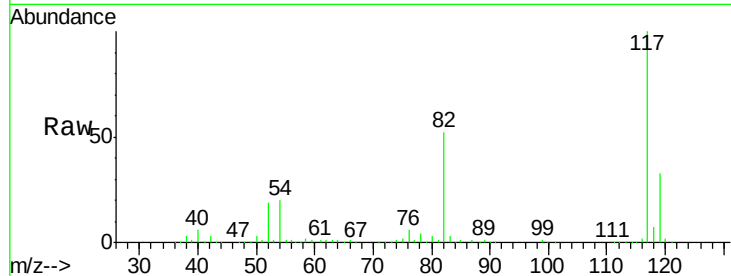




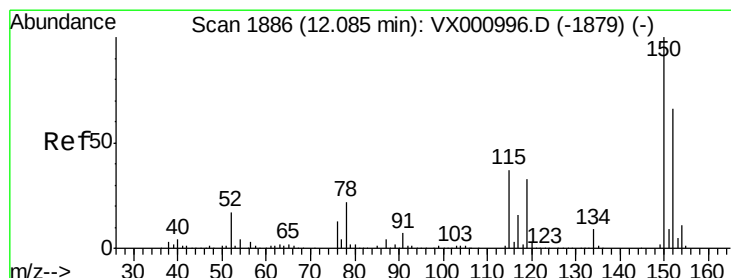
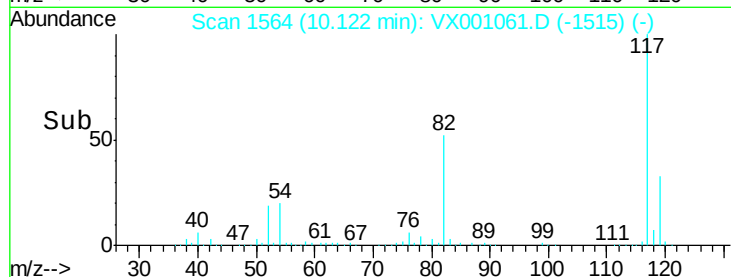
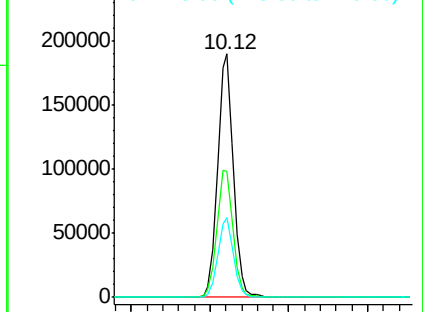
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001061.D
Acq: 23 Apr 2018 16:19

Instrument :
MSVOA_X
ClientSampleId :
Z1TB09-180417

Tot Ion:117 Resp: 264006
Ion Ratio Lower Upper
117 100
82 51.6 40.6 60.8
119 32.6 26.0 39.0

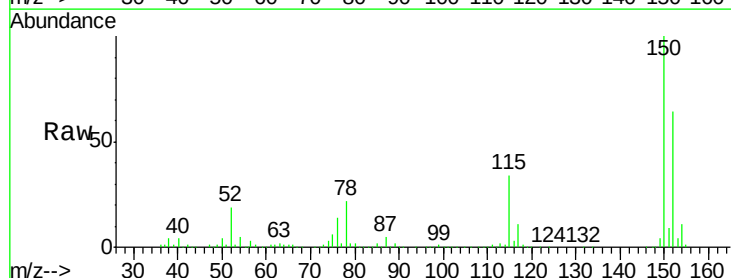


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001061.D
Acq: 23 Apr 2018 16:19

Tgt Ion:152 Resp: 152431
Ion Ratio Lower Upper
152 100
115 53.9 38.2 114.6
150 156.9 0.0 350.4



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

