

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003312.D
 Acq On : 11 Jul 2018 04:37
 Operator : JC/MD
 Sample : J3925-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jul 11 09:45:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	406255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210635	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176784	40.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.34%	
35) Dibromofluoromethane	5.51	113	152126	34.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.72%	
50) Toluene-d8	8.72	98	556227	35.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.76%	
62) 4-Bromofluorobenzene	11.14	95	192869	33.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.34%	

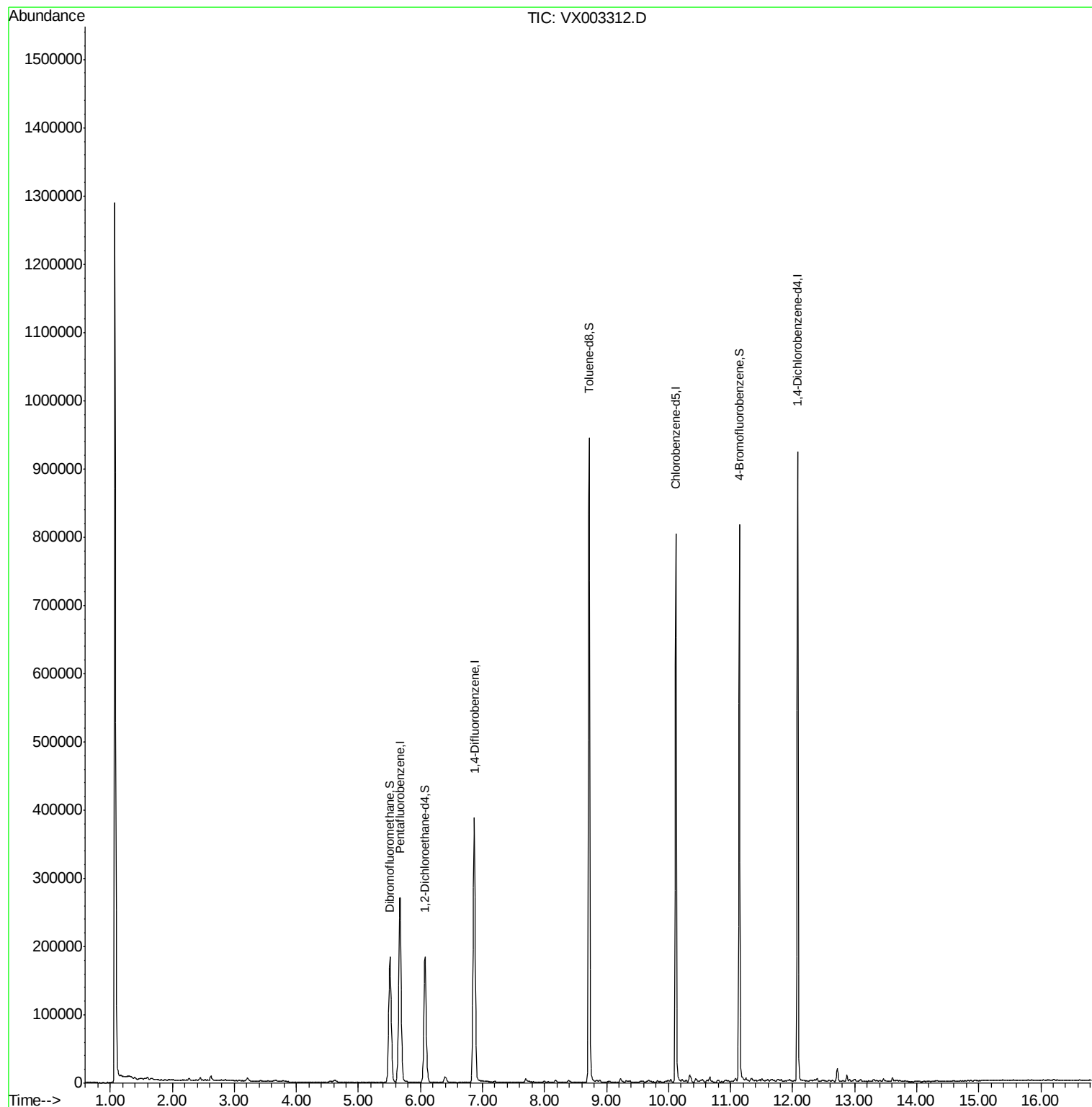
Target Compounds	Qvalue

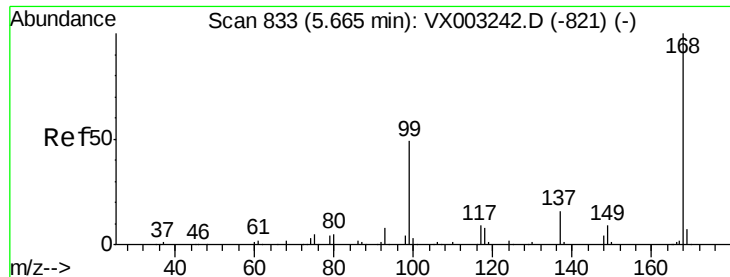
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003312.D

Acq: 11 Jul 2018 04:37

Instrument :

MSVOA_X

ClientSampleId :

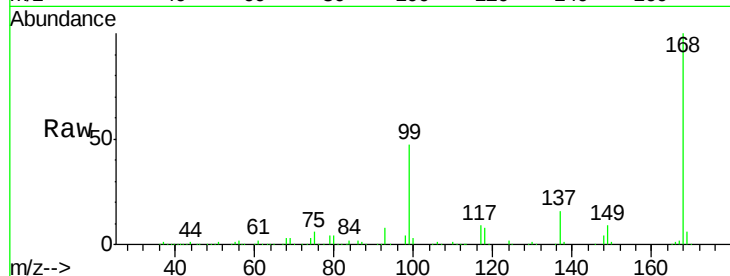
MW-1

Tot Ion:168 Resp: 279647

Ion Ratio Lower Upper

168 100

99 46.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

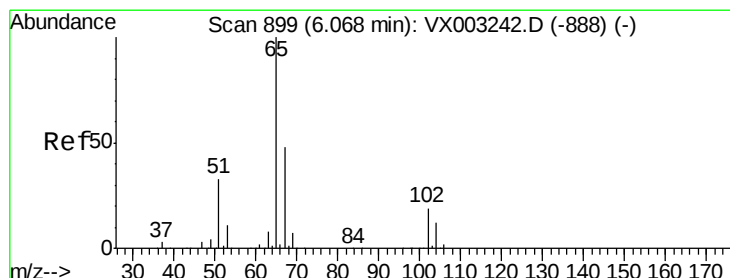
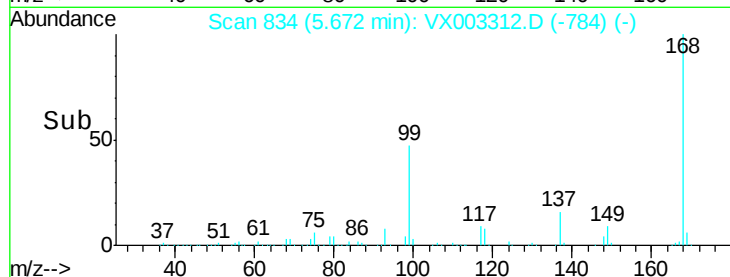
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 40.17 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003312.D

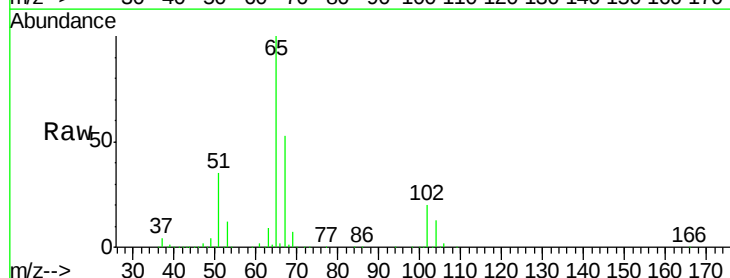
Acq: 11 Jul 2018 04:37

Tgt Ion: 65 Resp: 176784

Ion Ratio Lower Upper

65 100

67 52.4 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

80000

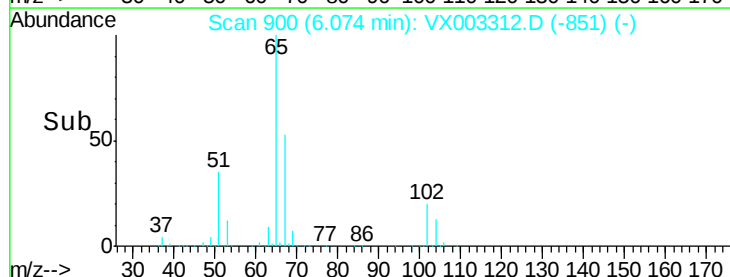
60000

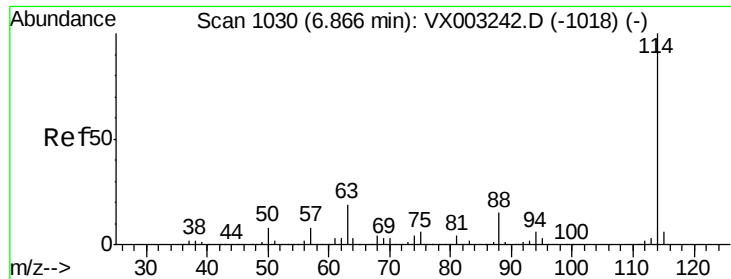
40000

20000

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: VX003312.D

Acq: 11 Jul 2018 04:37

Instrument :

MSVOA_X

ClientSampleId :

MW-1

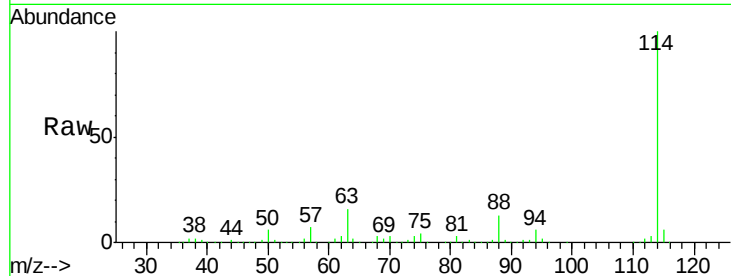
Tot Ion:114 Resp: 406255

Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.4

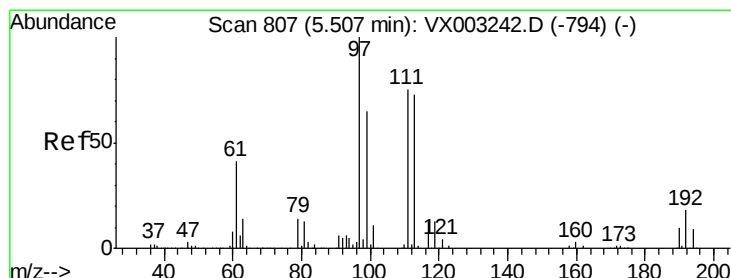
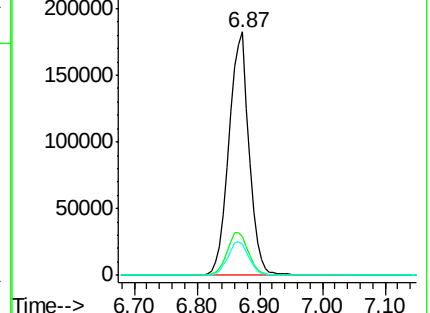
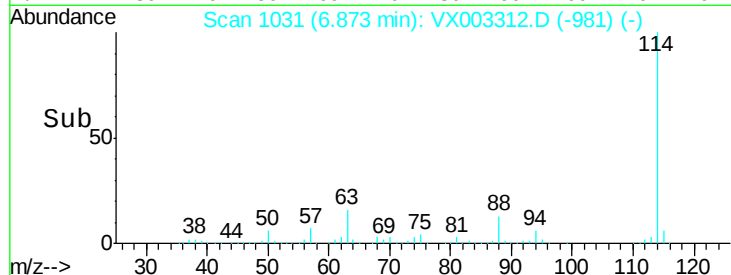
88 12.7 0.0 30.0



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: 34.86 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003312.D

Acq: 11 Jul 2018 04:37

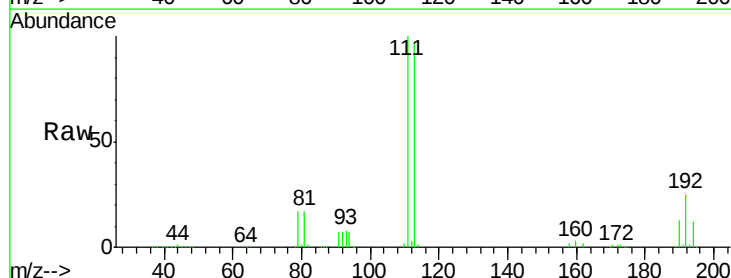
Tgt Ion:113 Resp: 152126

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

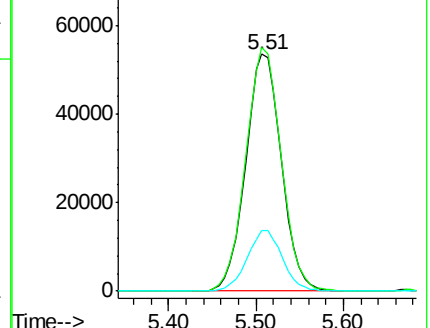
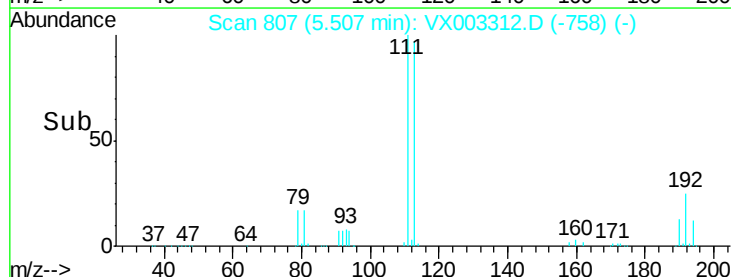
192 25.2 19.1 28.7

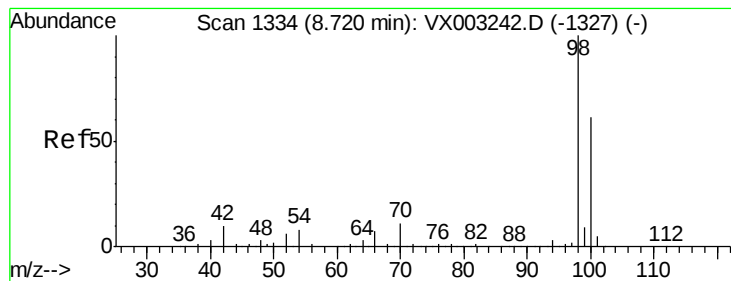


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 35.88 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003312.D

Acq: 11 Jul 2018 04:37

Instrument :

MSVOA_X

ClientSampleId :

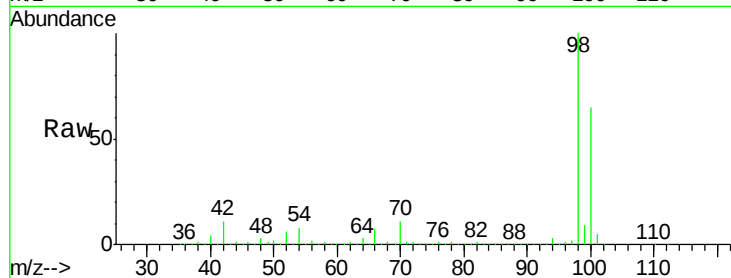
MW-1

Tot Ion: 98 Resp: 556227

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

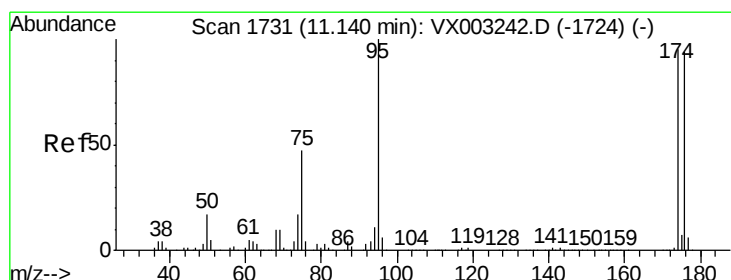
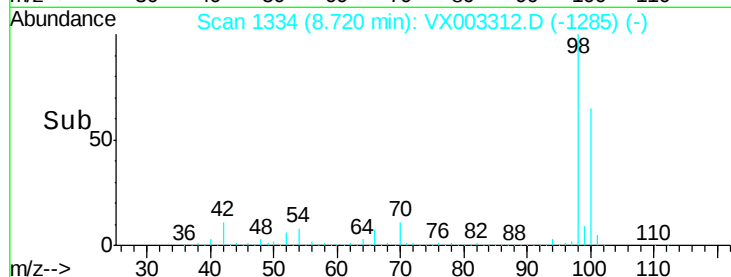
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 33.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003312.D

Acq: 11 Jul 2018 04:37

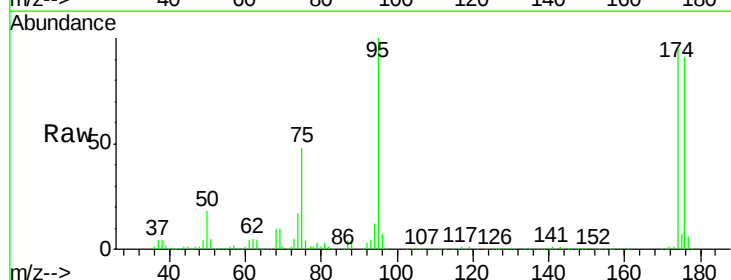
Tgt Ion: 95 Resp: 192869

Ion Ratio Lower Upper

95 100

174 100.9 0.0 187.4

176 97.2 0.0 181.0



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

11.14

200000

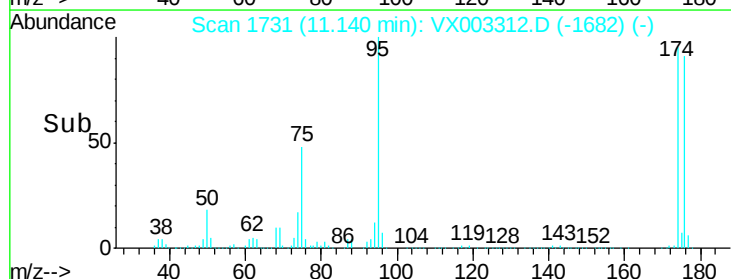
150000

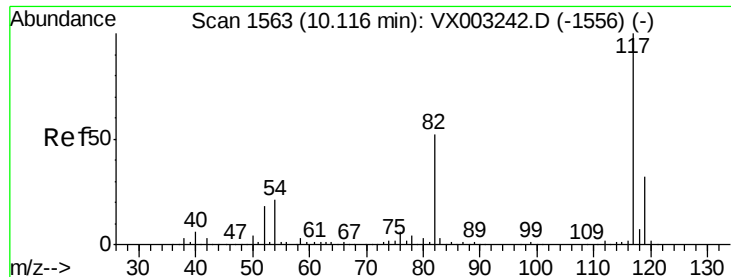
100000

50000

0

Time-->

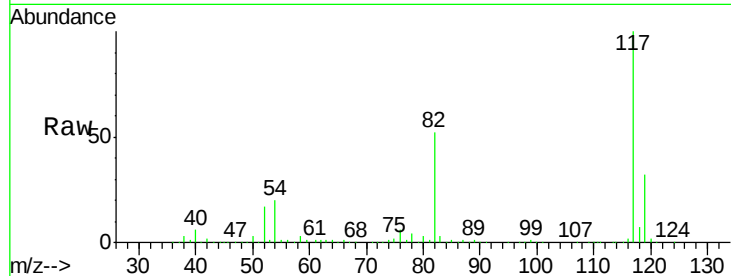




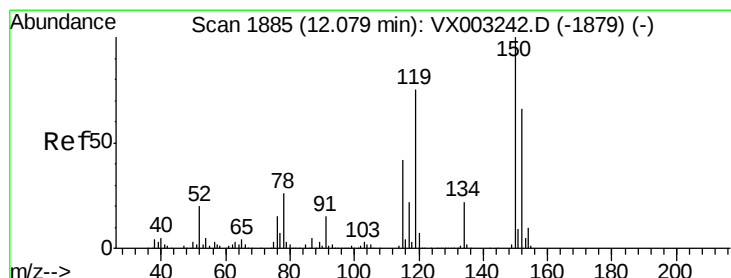
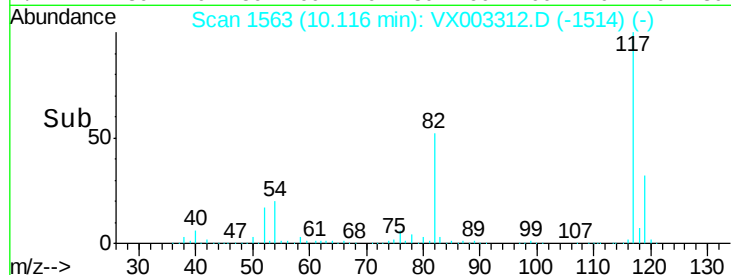
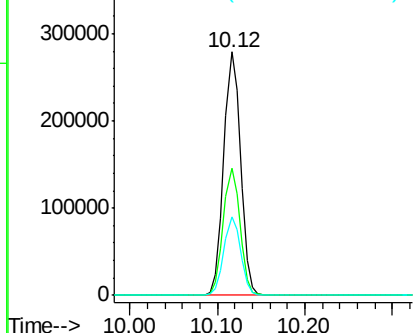
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003312.D
Acq: 11 Jul 2018 04:37

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tot Ion:117 Resp: 372497
Ion Ratio Lower Upper
117 100
82 52.1 45.0 67.4
119 32.2 25.8 38.6

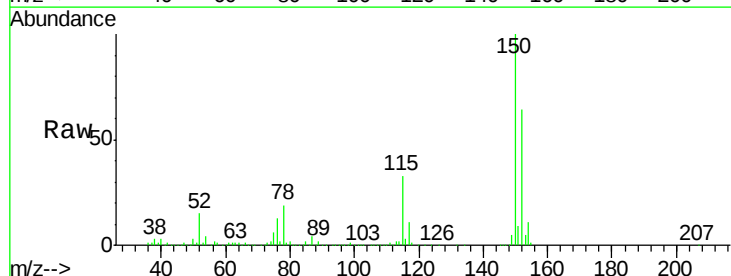


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003312.D
Acq: 11 Jul 2018 04:37

Tgt Ion:152 Resp: 210635
Ion Ratio Lower Upper
152 100
115 52.8 40.1 120.2
150 156.8 0.0 347.2



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

