

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002441.D
 Acq On : 11 Jun 2018 14:28
 Operator : JC/MD
 Sample : J3408-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5TB03-180606

Quant Time: Jun 12 02:43:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325474	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159545	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174821	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
35) Dibromofluoromethane	5.51	113	131854	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	8.72	98	518230	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	11.14	95	179885	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

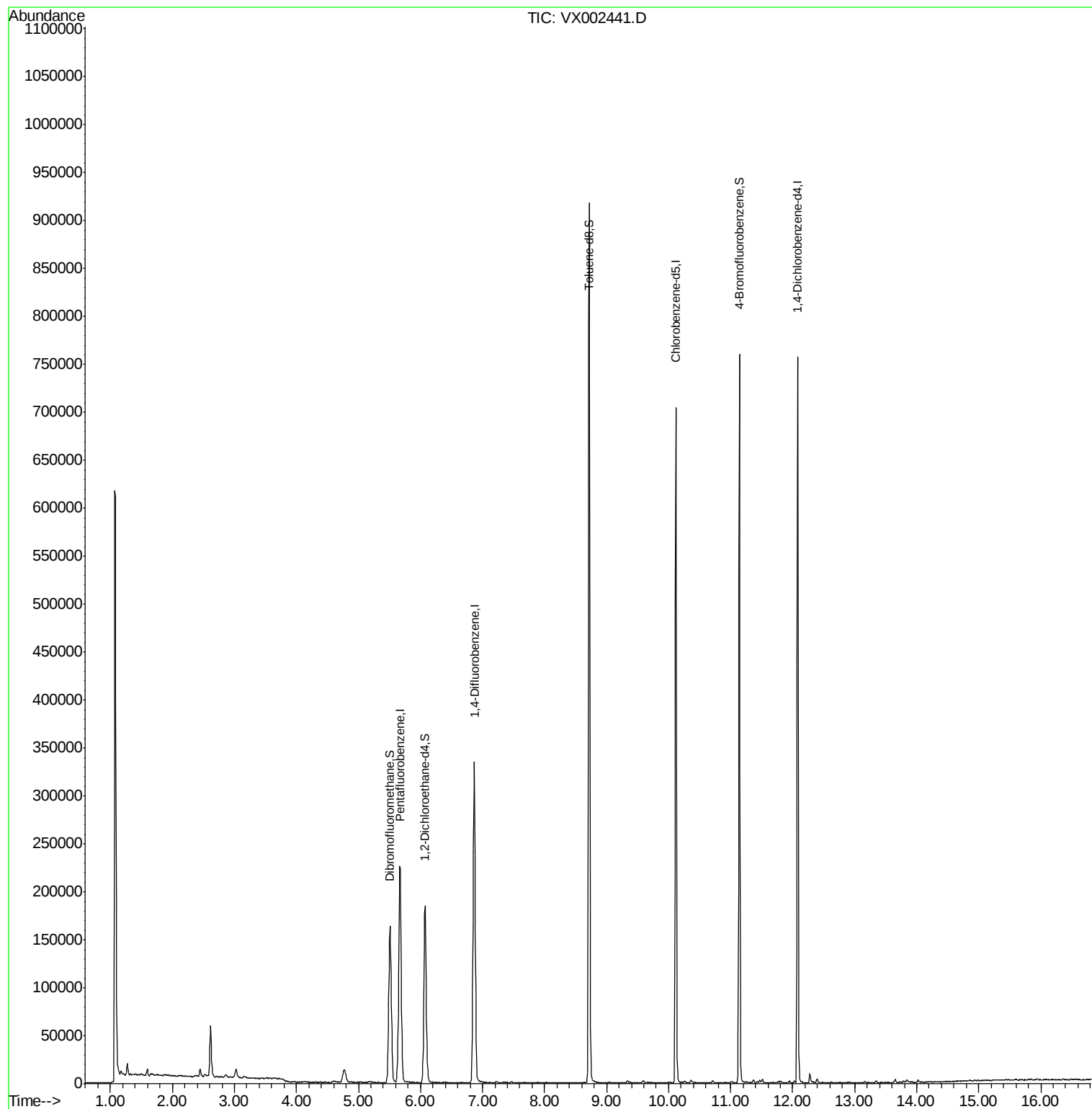
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002441.D

Acq: 11 Jun 2018 14:28

Instrument :

MSVOA_X

ClientSampleId :

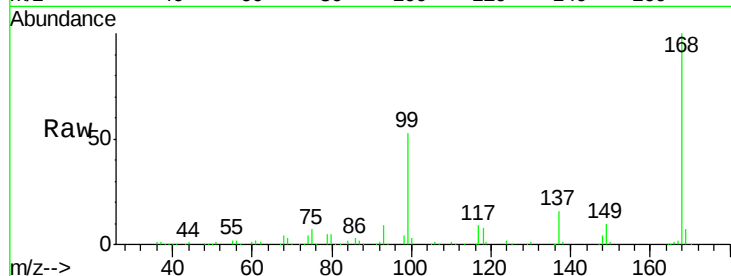
Z5TB03-180606

Tot Ion:168 Resp: 222003

Ion Ratio Lower Upper

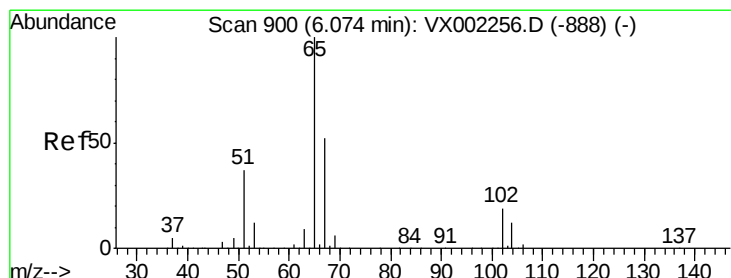
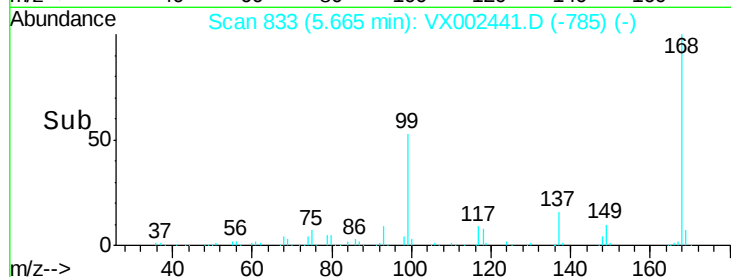
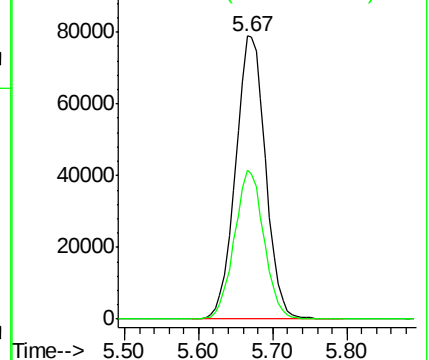
168 100

99 52.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.44 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002441.D

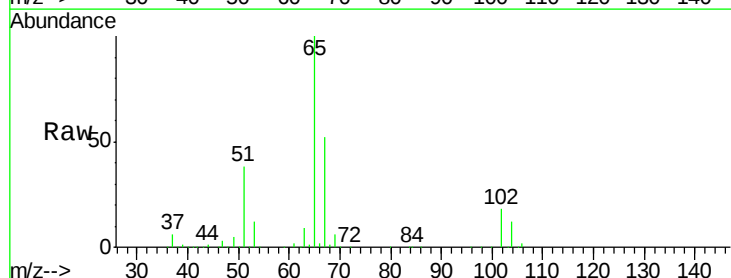
Acq: 11 Jun 2018 14:28

Tgt Ion: 65 Resp: 174821

Ion Ratio Lower Upper

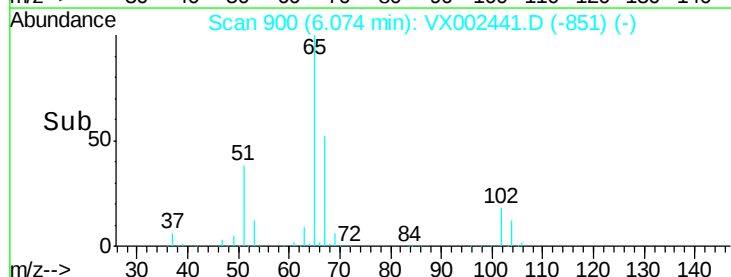
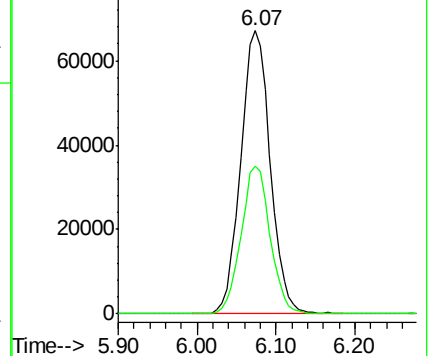
65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002441.D

Acq: 11 Jun 2018 14:28

Instrument :

MSVOA_X

ClientSampleId :

Z5TB03-180606

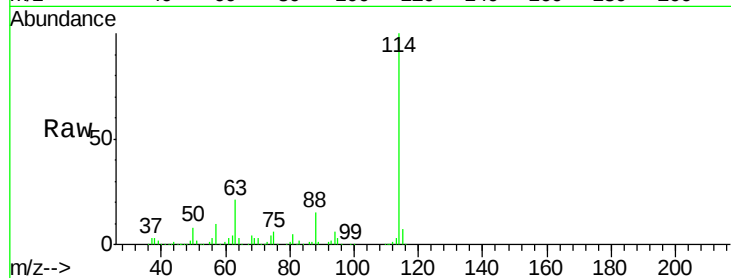
Tot Ion:114 Resp: 325474

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

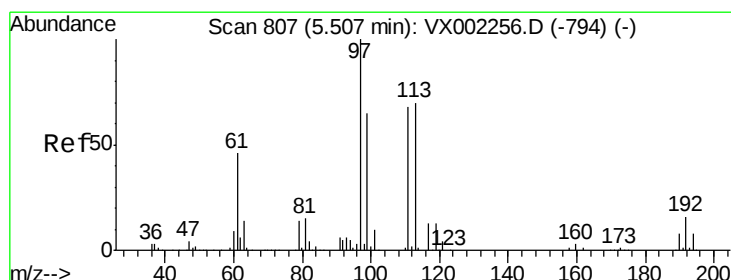
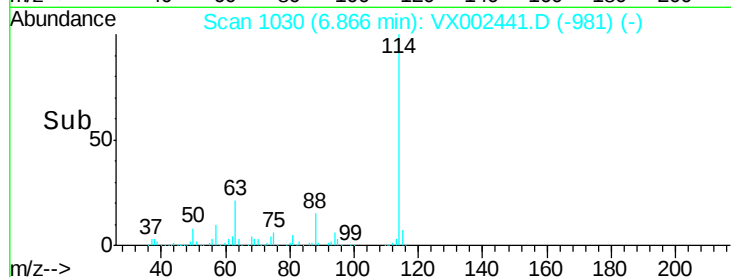
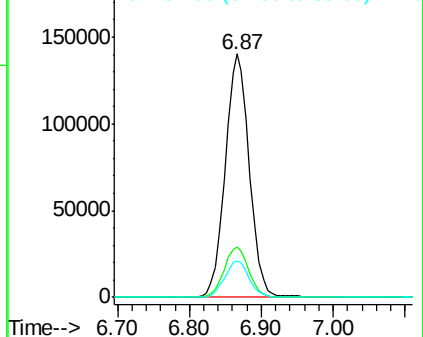
88 15.0 0.0 30.0



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: 51.51 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002441.D

Acq: 11 Jun 2018 14:28

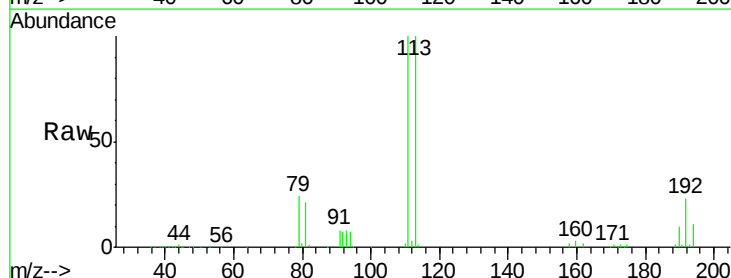
Tgt Ion:113 Resp: 131854

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

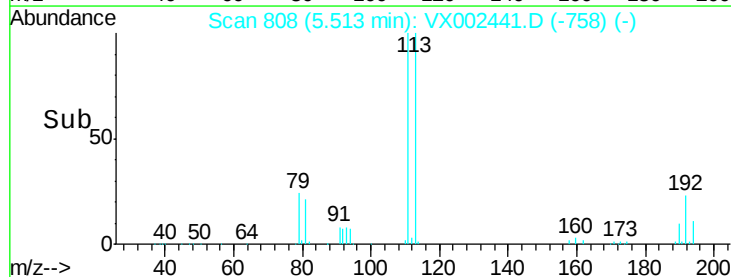
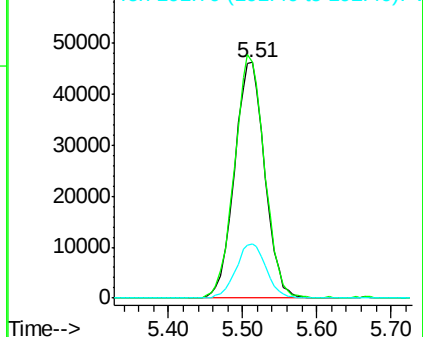
192 23.0 19.1 28.7

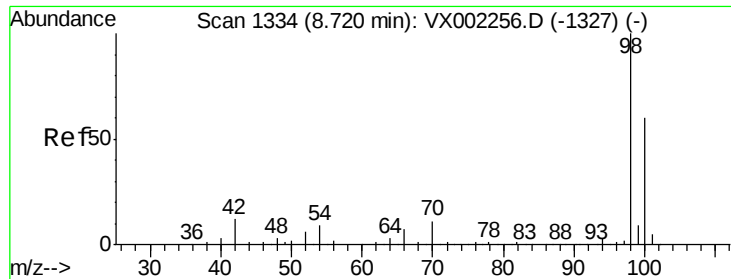


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.82 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002441.D

Acq: 11 Jun 2018 14:28

Instrument :

MSVOA_X

ClientSampleId :

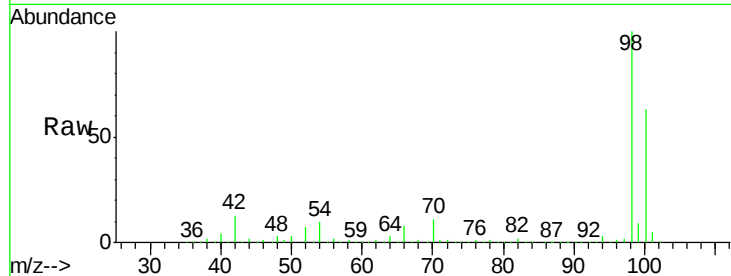
Z5TB03-180606

Tot Ion: 98 Resp: 518230

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

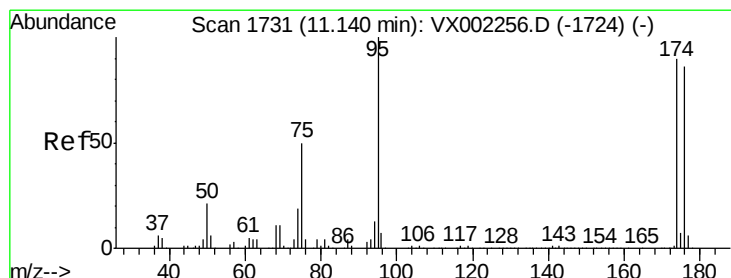
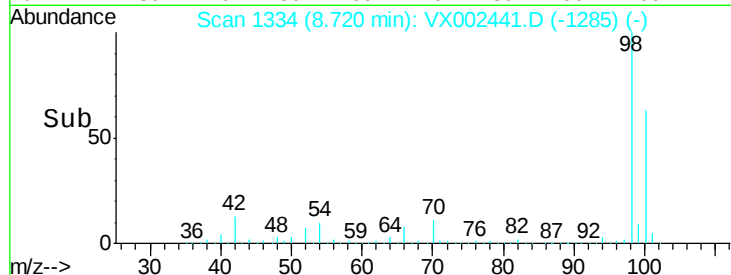
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002441.D

Acq: 11 Jun 2018 14:28

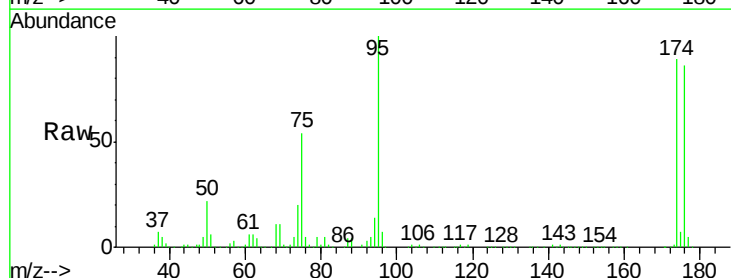
Tgt Ion: 95 Resp: 179885

Ion Ratio Lower Upper

95 100

174 92.2 0.0 187.4

176 90.0 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

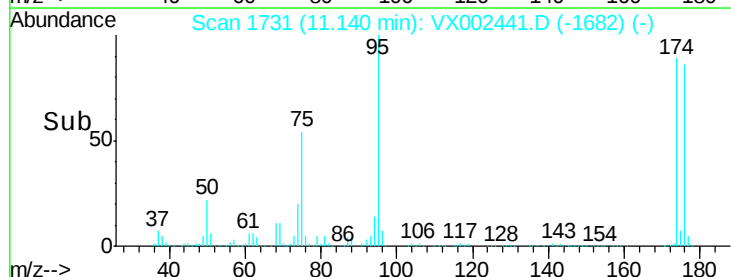
150000

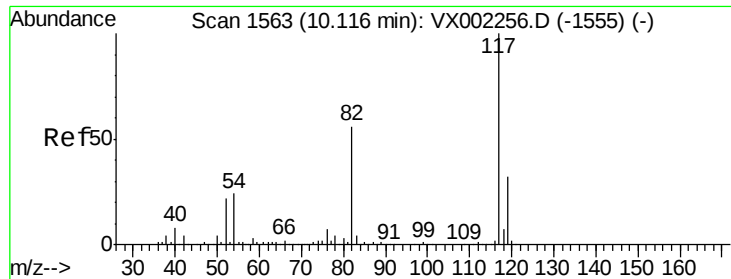
100000

50000

0

Time-->

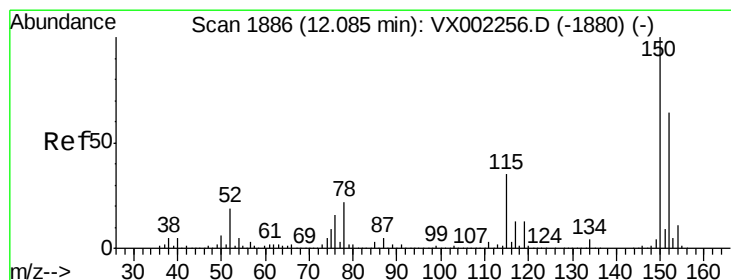
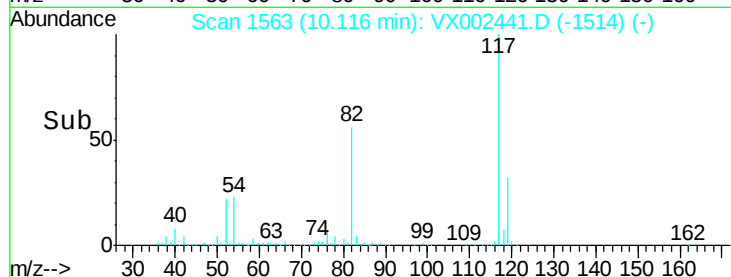
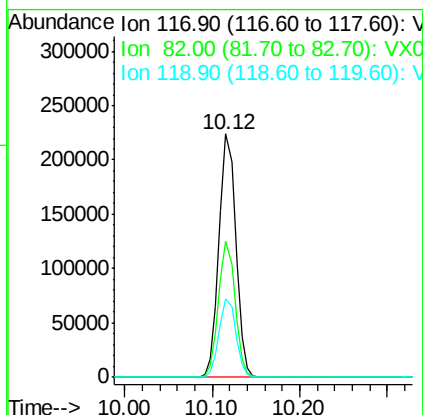
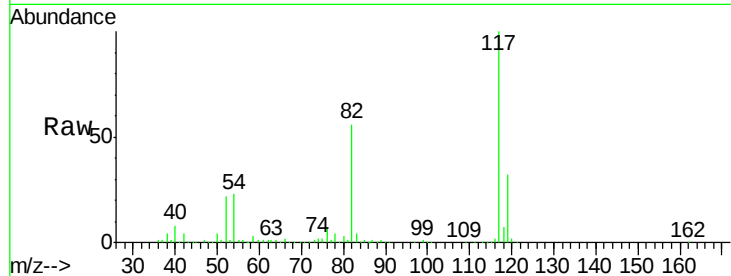




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002441.D
Acq: 11 Jun 2018 14:28

Instrument :
MSVOA_X
ClientSampleId :
Z5TB03-180606

Tot Ion:117 Resp: 299148
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002441.D
Acq: 11 Jun 2018 14:28

Tgt Ion:152 Resp: 159545
Ion Ratio Lower Upper
152 100
115 55.9 40.1 120.2
150 156.4 0.0 347.2

