

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002339.D
 Acq On : 06 Jun 2018 07:04
 Operator : JC/MD
 Sample : J3309-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-21

Quant Time: Jun 06 08:18:08 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

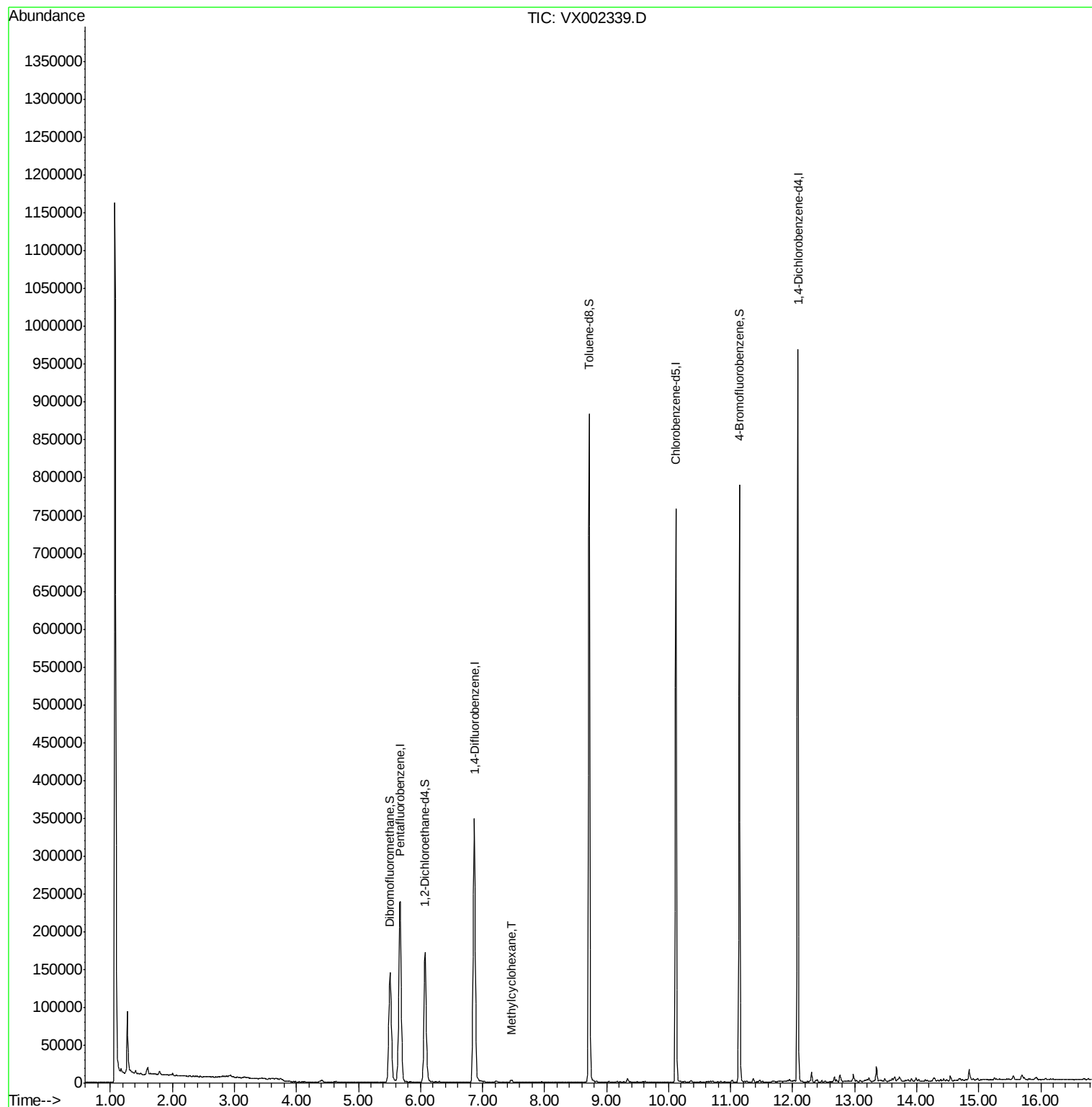
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344200	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162833	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
35) Dibromofluoromethane	5.51	113	120196	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
50) Toluene-d8	8.72	98	494804	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.14	95	178635	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
Target Compounds						
39) Methylcyclohexane	7.47	83	1251	0.541	ug/l	Qvalue 90

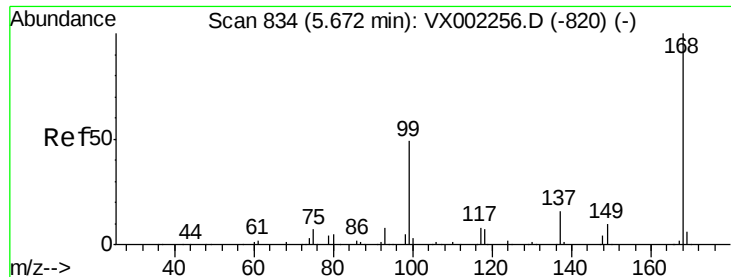
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002339.D

Acq: 06 Jun 2018 07:04

Instrument :

MSVOA_X

ClientSampleId :

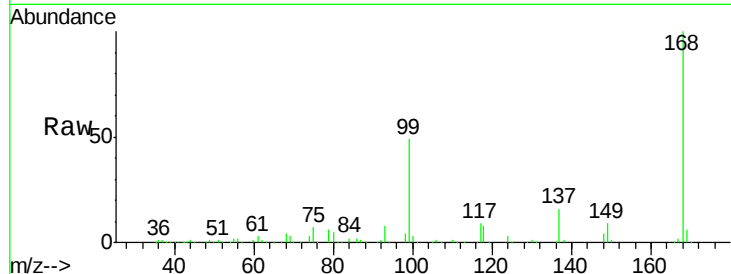
MW-21

Tot Ion:168 Resp: 234964

Ion Ratio Lower Upper

168 100

99 49.3 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

80000

60000

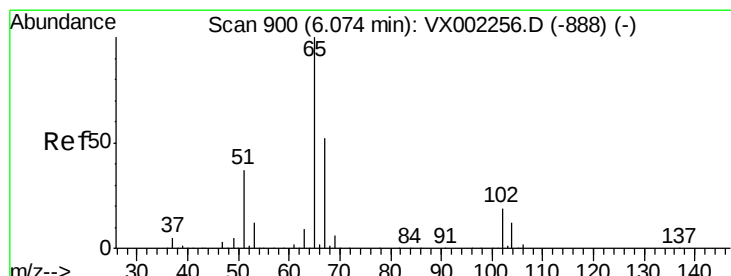
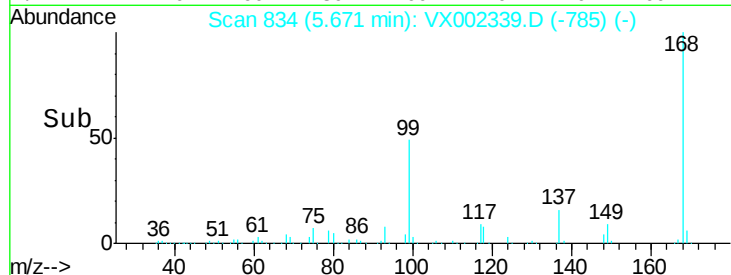
40000

20000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.348 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002339.D

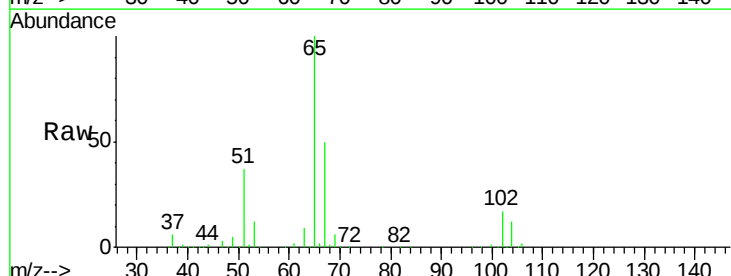
Acq: 06 Jun 2018 07:04

Tgt Ion: 65 Resp: 162833

Ion Ratio Lower Upper

65 100

67 51.2 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

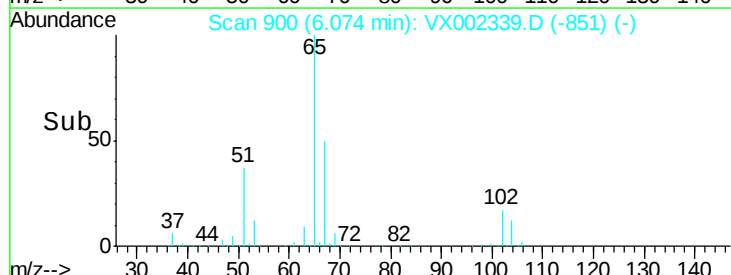
40000

20000

0

6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002339.D

Acq: 06 Jun 2018 07:04

Instrument :

MSVOA_X

ClientSampleId :

MW-21

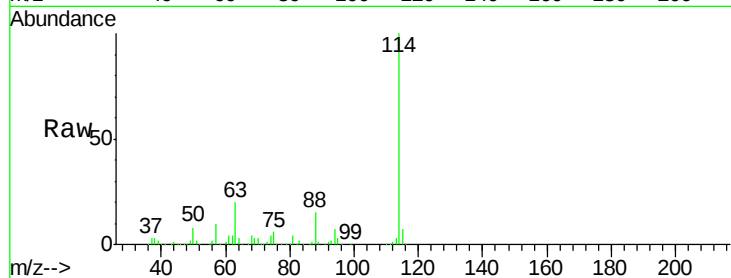
Tot Ion:114 Resp: 344200

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

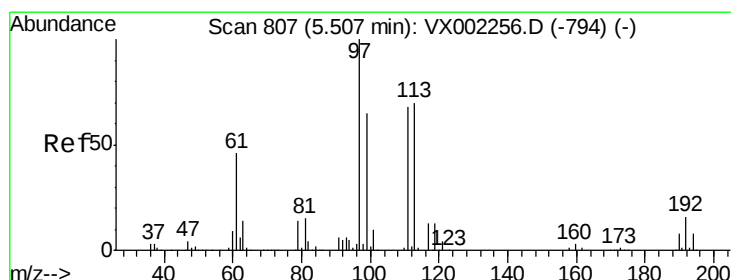
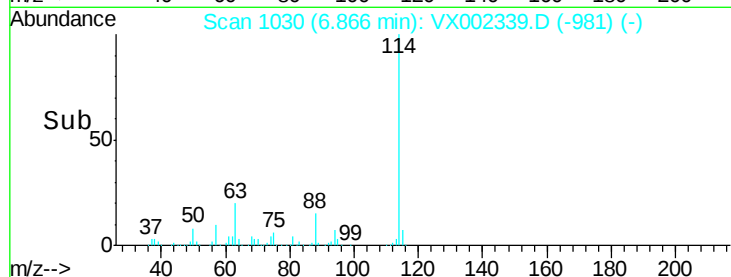
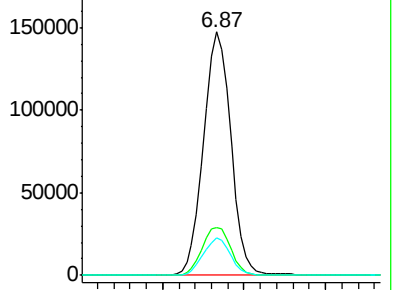
88 15.3 0.0 30.0



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: 44.405 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002339.D

Acq: 06 Jun 2018 07:04

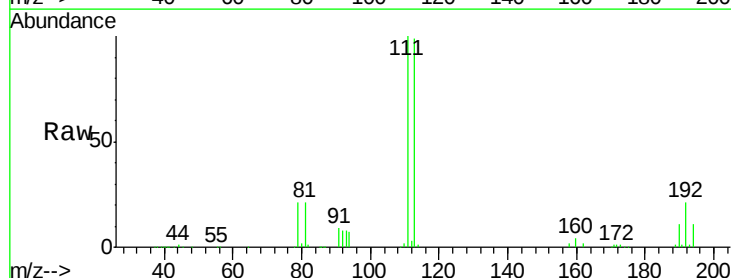
Tgt Ion:113 Resp: 120196

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

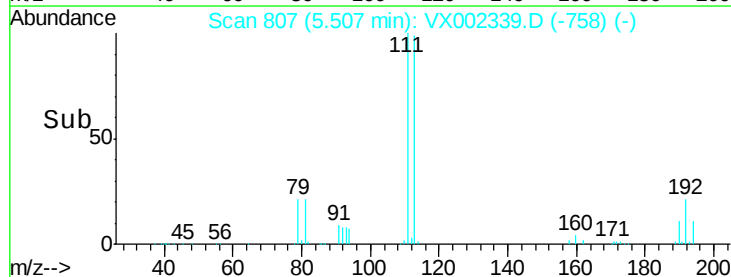
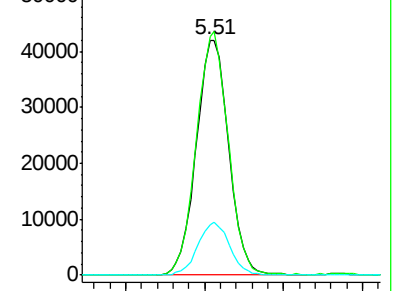
192 22.1 19.1 28.7

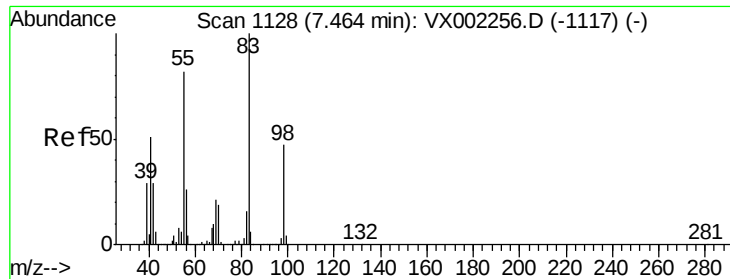


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

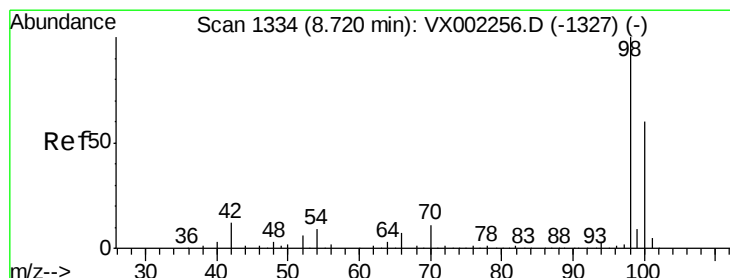
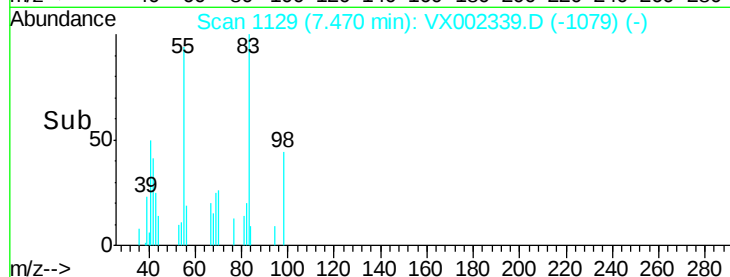
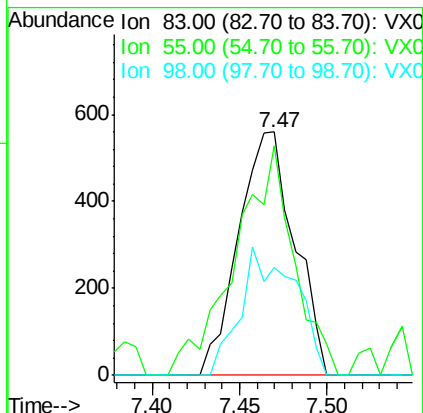
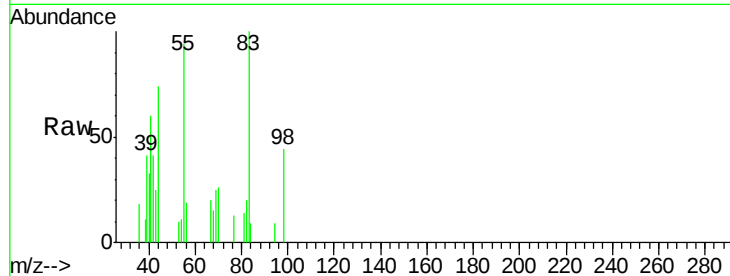




#39
Methylcyclohexane
Concen: 0.541 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

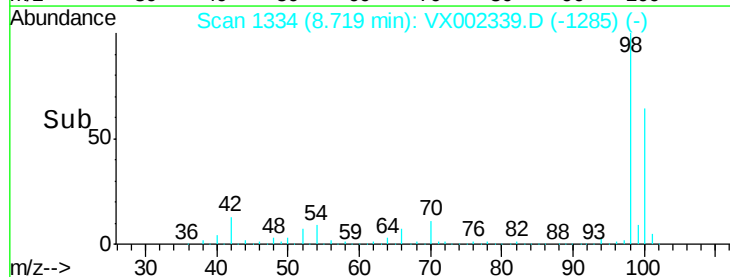
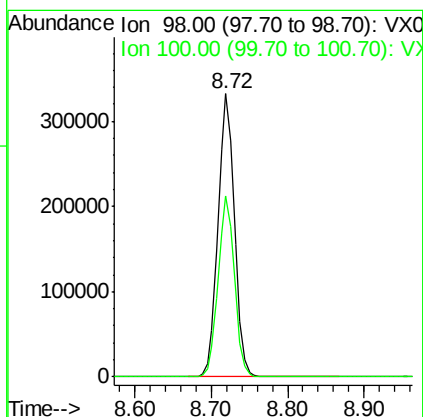
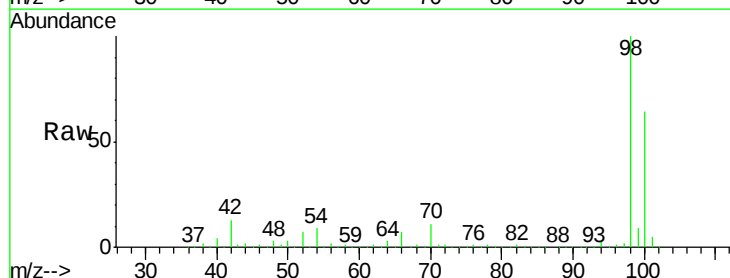
Instrument :
MSVOA_X
ClientSampleId :
MW-21

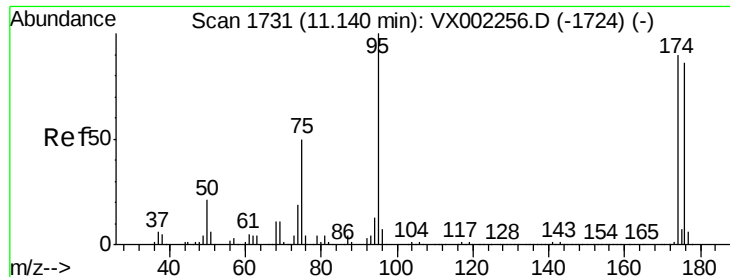
Tot Ion: 83 Resp: 1251
Ion Ratio Lower Upper
83 100
55 94.1 65.4 98.0
98 44.1 37.4 56.0



#50
Toluene-d8
Concen: 47.692 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002339.D
Acq: 06 Jun 2018 07:04

Tgt Ion: 98 Resp: 494804
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 44.650 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002339.D

Acq: 06 Jun 2018 07:04

Instrument :

MSVOA_X

ClientSampleId :

MW-21

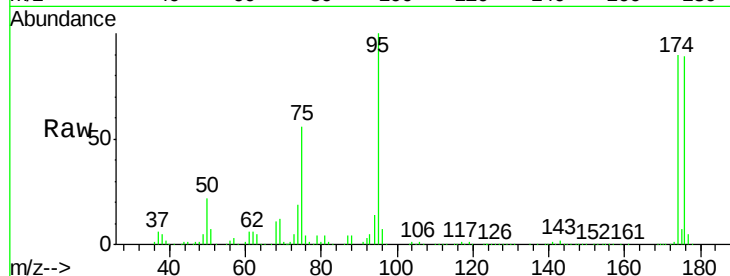
Tot Ion: 95 Resp: 178635

Ion Ratio Lower Upper

95 100

174 95.0 0.0 187.4

176 92.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)

11.14

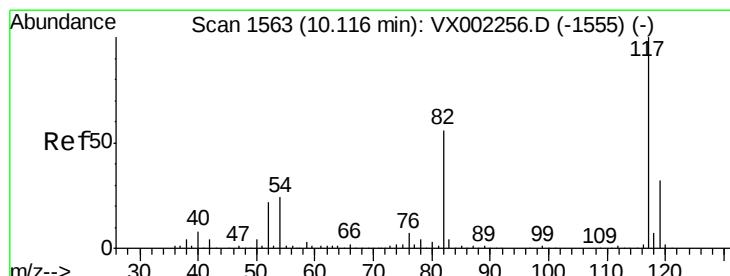
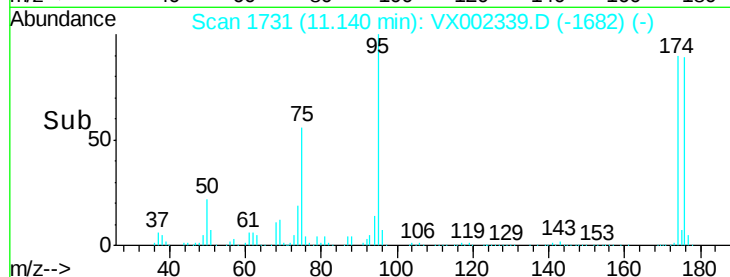
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002339.D

Acq: 06 Jun 2018 07:04

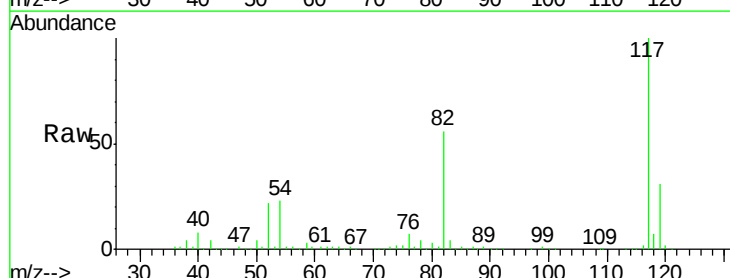
Tgt Ion: 117 Resp: 325552

Ion Ratio Lower Upper

117 100

82 55.5 45.0 67.4

119 30.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)

10.12

300000

250000

200000

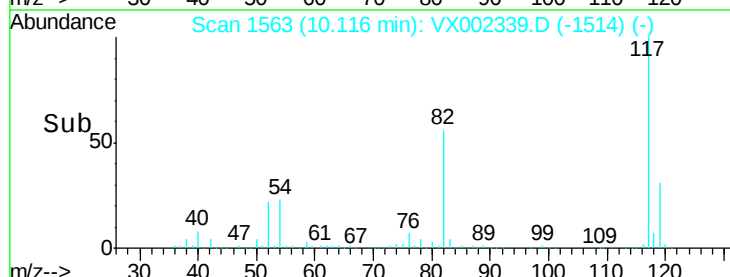
150000

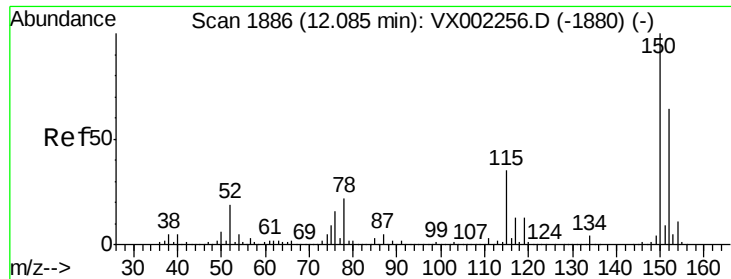
100000

50000

0

Time-->

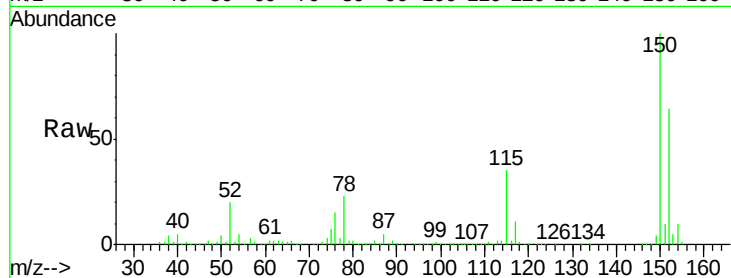




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002339.D
 Acq: 06 Jun 2018 07:04

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-21

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	40.1	120.2
150	156.3	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

