

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002287.D
 Acq On : 05 Jun 2018 04:05
 Operator : JC/MD
 Sample : J3269-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW101-180530

Quant Time: Jun 05 07:46:30 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

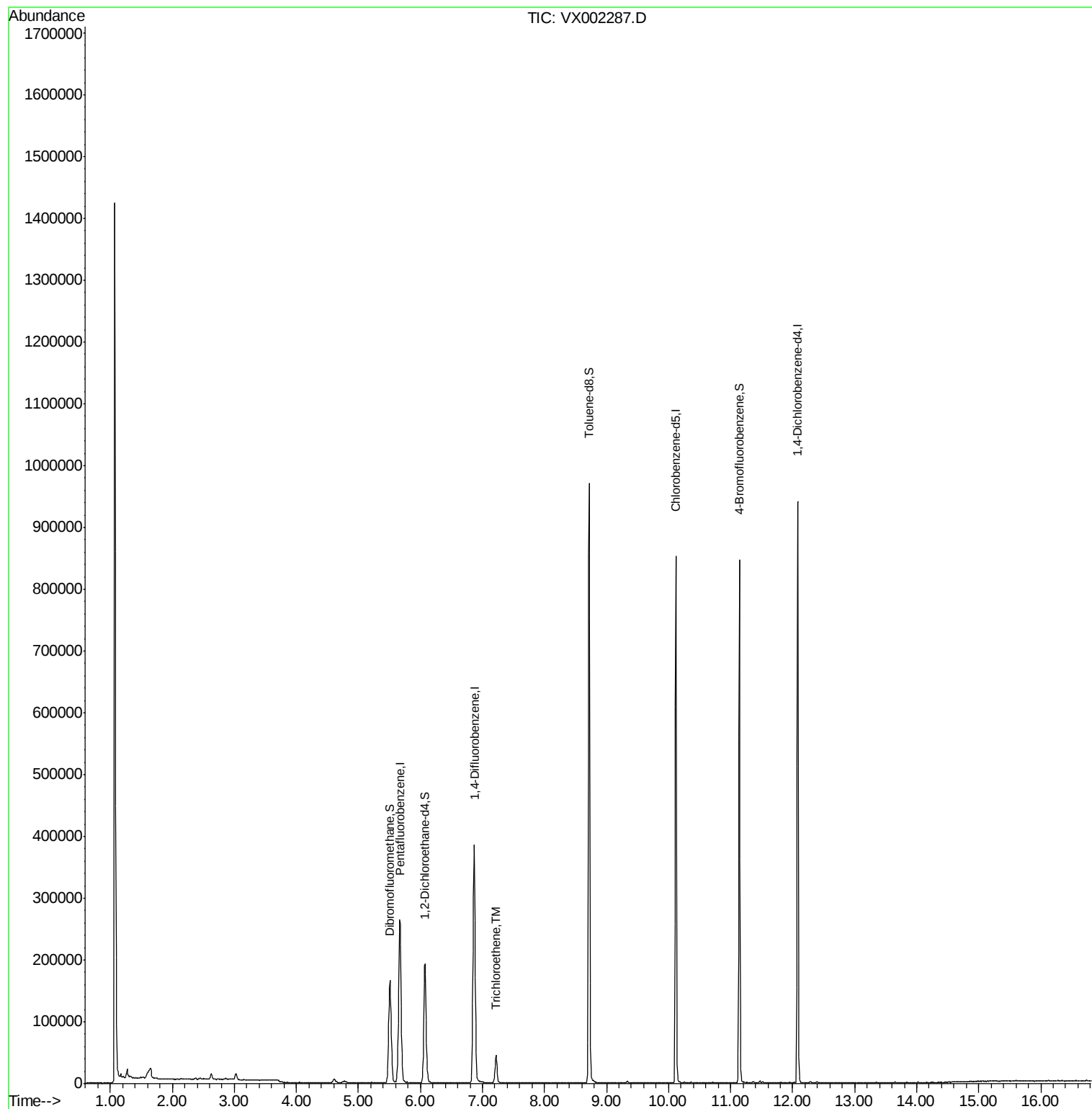
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	382486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	199723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	185331	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
35) Dibromofluoromethane	5.51	113	133854	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
50) Toluene-d8	8.72	98	549336	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	11.14	95	196778	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	
Target Compounds						
44) Trichloroethene	7.22	130	17732	5.182	ug/l	Qvalue 99

(#) = 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# 833

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

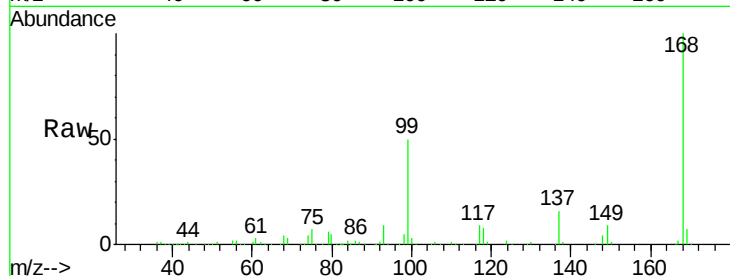
SS052MW101-180530

Tot Ion:168 Resp: 261491

Ion Ratio Lower Upper

168 100

99 49.9 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

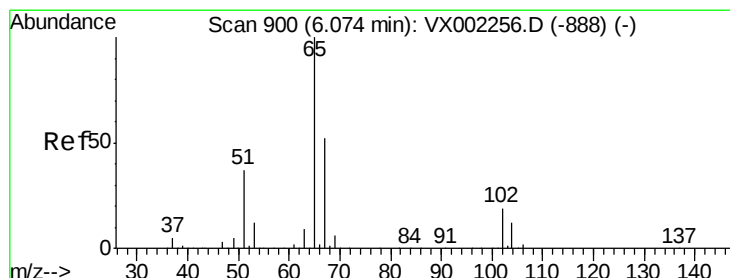
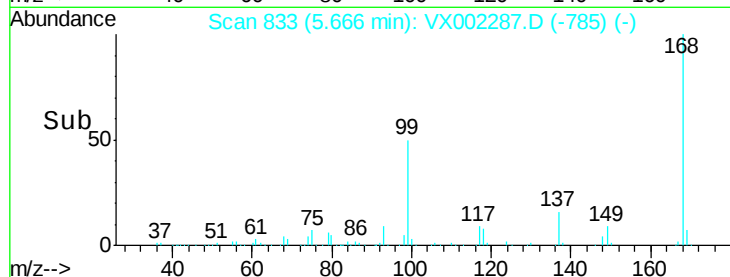
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.530 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002287.D

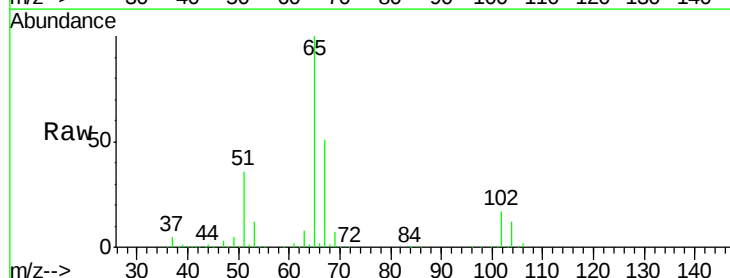
Acq: 05 Jun 2018 04:05

Tgt Ion: 65 Resp: 185331

Ion Ratio Lower Upper

65 100

67 50.7 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

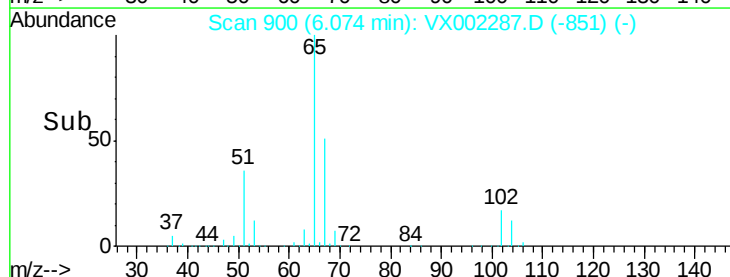
60000

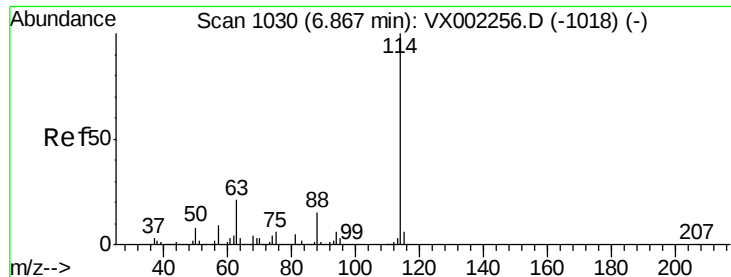
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002287.D

Acq: 05 Jun 2018 04:05

Instrument :

MSVOA_X

ClientSampleId :

SS052MW101-180530

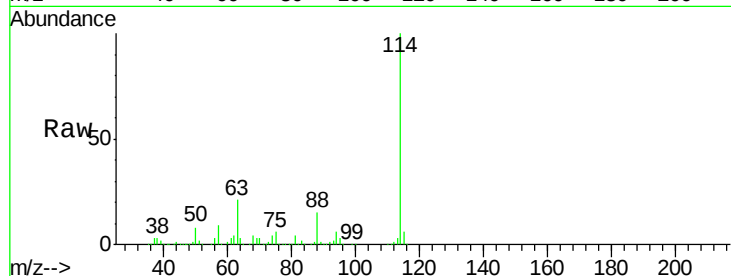
Tot Ion:114 Resp: 382486

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

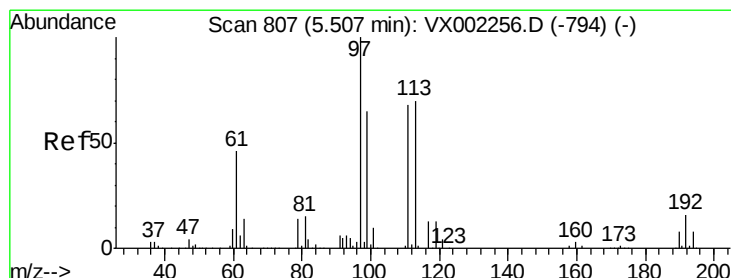
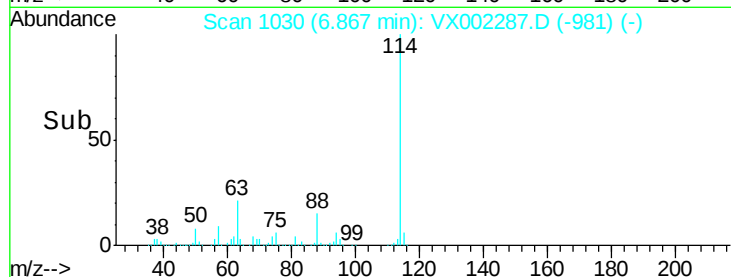
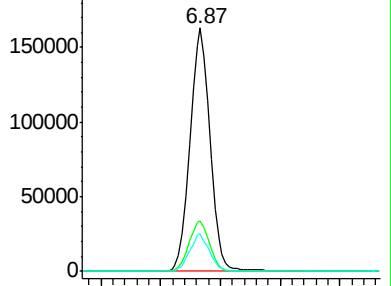
88 15.3 0.0 30.0



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: 44.501 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002287.D

Acq: 05 Jun 2018 04:05

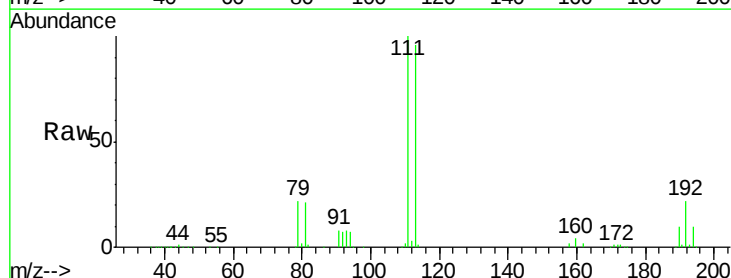
Tgt Ion:113 Resp: 133854

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

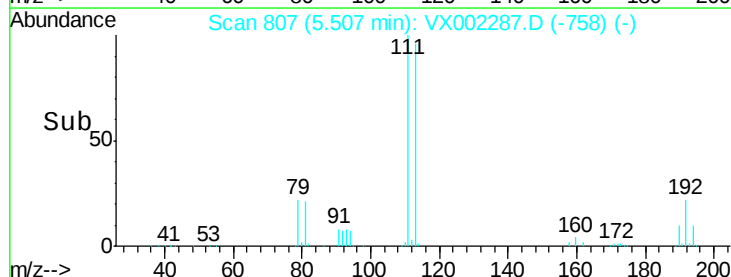
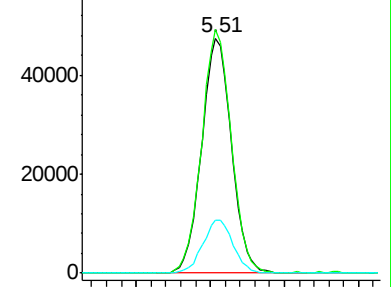
192 22.9 19.1 28.7

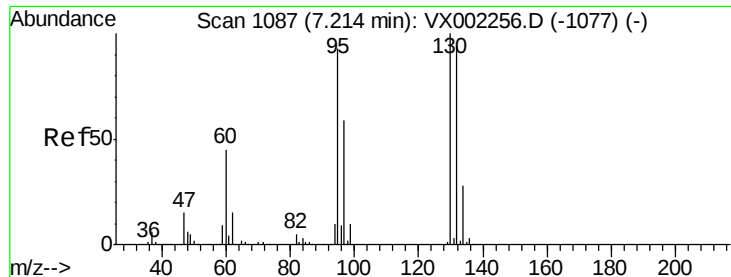


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 5.182 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002287.D

Acq: 05 Jun 2018 04:05

Instrument :

MSVOA_X

ClientSampleId :

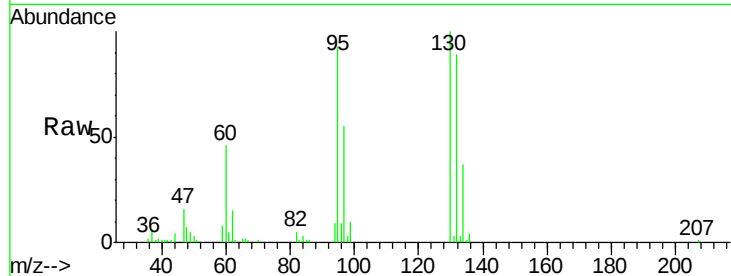
SS052MW101-180530

Tot Ion:130 Resp: 17732

Ion Ratio Lower Upper

130 100

95 93.4 0.0 185.4



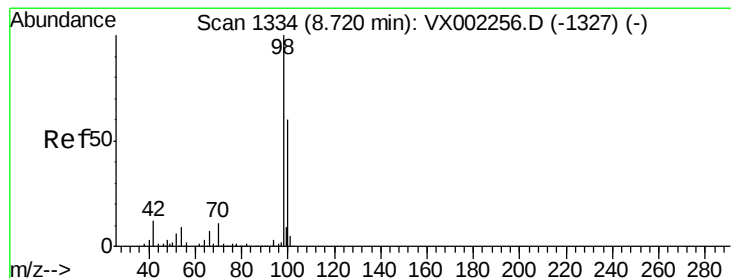
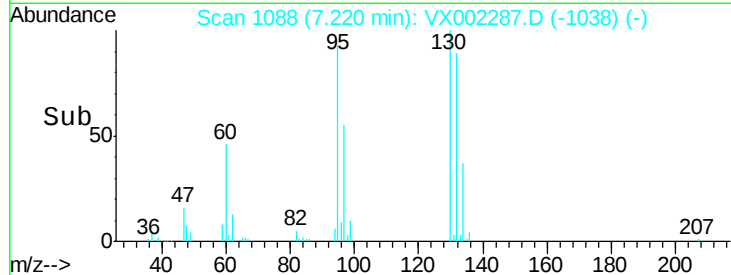
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 47.648 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002287.D

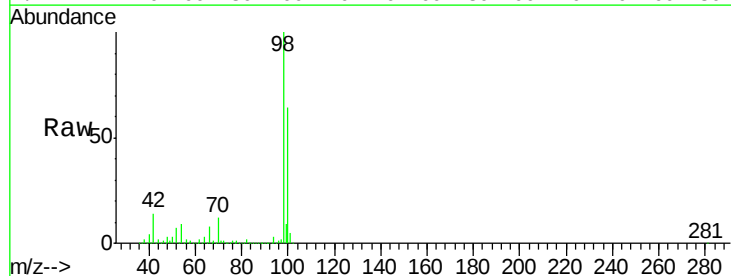
Acq: 05 Jun 2018 04:05

Tgt Ion: 98 Resp: 549336

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3



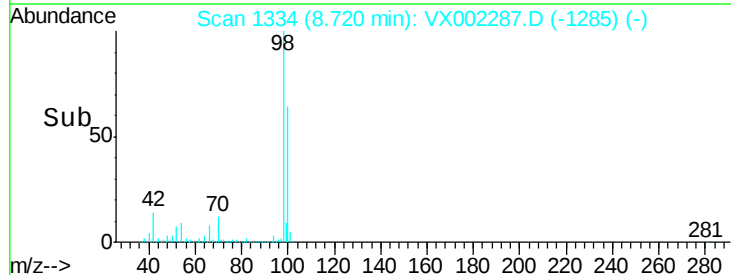
Abundance Ion 98.00 (97.70 to 98.70): VX0

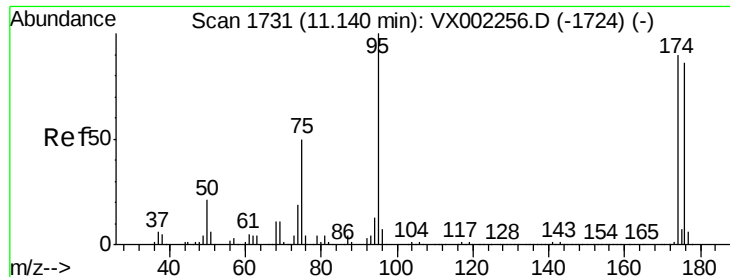
Ion 100.00 (99.70 to 100.70): VX0

8.72

Time-->

8.60 8.70 8.80 8.90





#62

4-Bromofluorobenzene

Concen: 44.262 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002287.D

Acq: 05 Jun 2018 04:05

Instrument :

MSVOA_X

ClientSampleId :

SS052MW101-180530

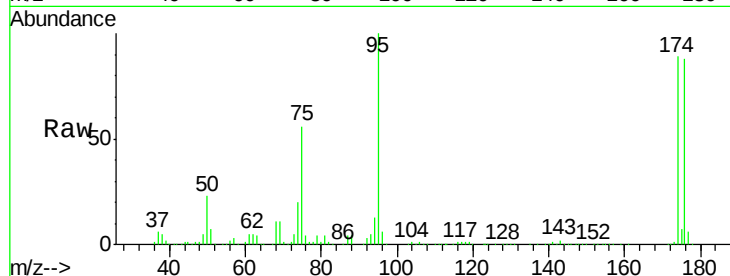
Tot Ion: 95 Resp: 196778

Ion Ratio Lower Upper

95 100

174 92.6 0.0 187.4

176 91.0 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

200000

150000

100000

50000

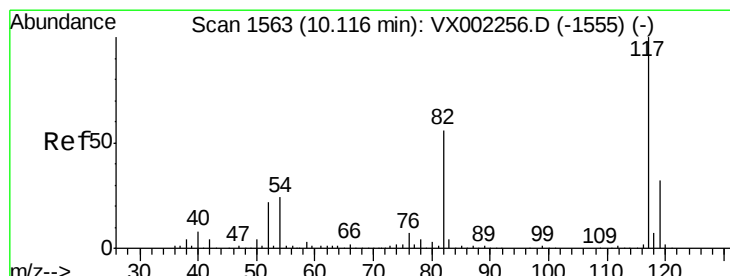
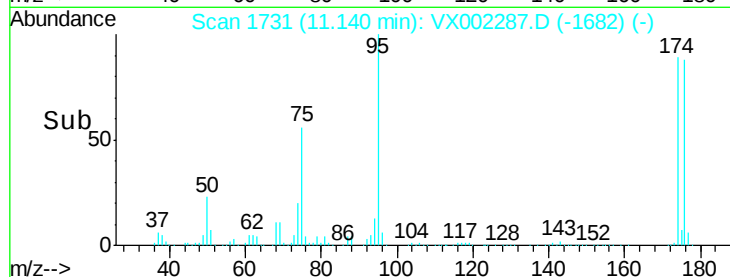
0

11.10

11.14

11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002287.D

Acq: 05 Jun 2018 04:05

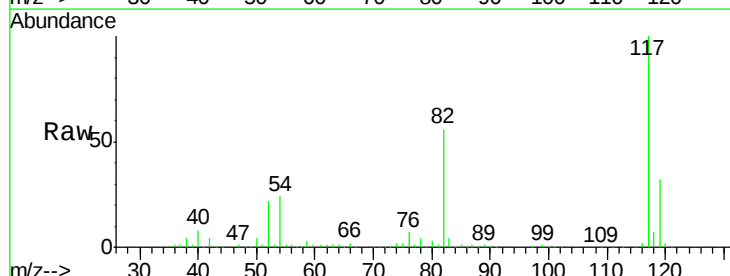
Tgt Ion: 117 Resp: 358178

Ion Ratio Lower Upper

117 100

82 55.8 45.0 67.4

119 31.7 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

300000

200000

100000

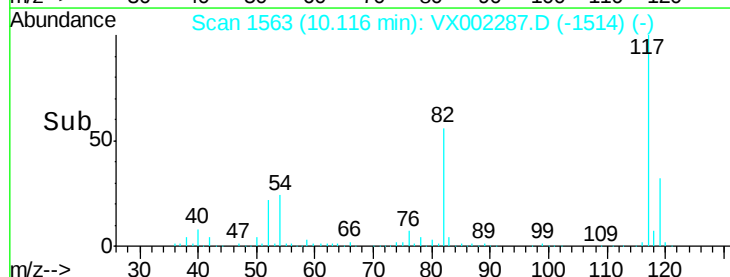
0

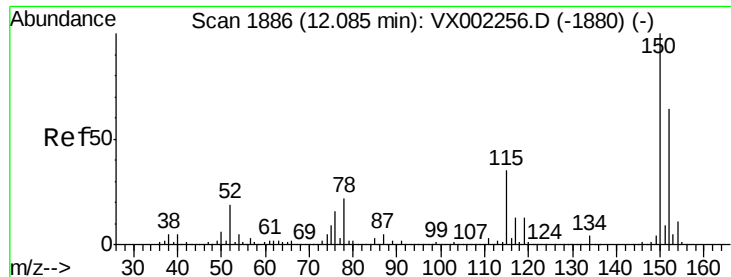
10.10

10.12

10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002287.D

Acq: 05 Jun 2018 04:05

Instrument :

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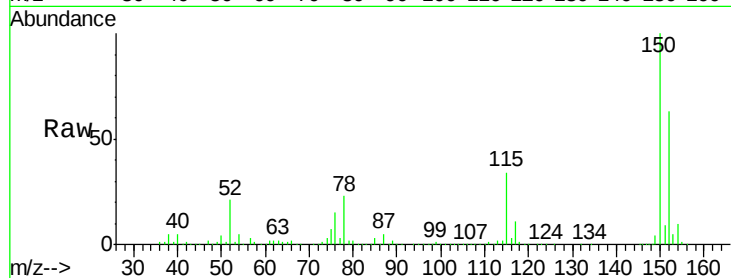
Tot Ion:152 Resp: 199723

Ion Ratio Lower Upper

152 100

115 55.3 40.1 120.2

150 158.3 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

