

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003175.D
 Acq On : 05 Jul 2018 16:33
 Operator : JC/MD
 Sample : J3754-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0141

Quant Time: Jul 05 17:55:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

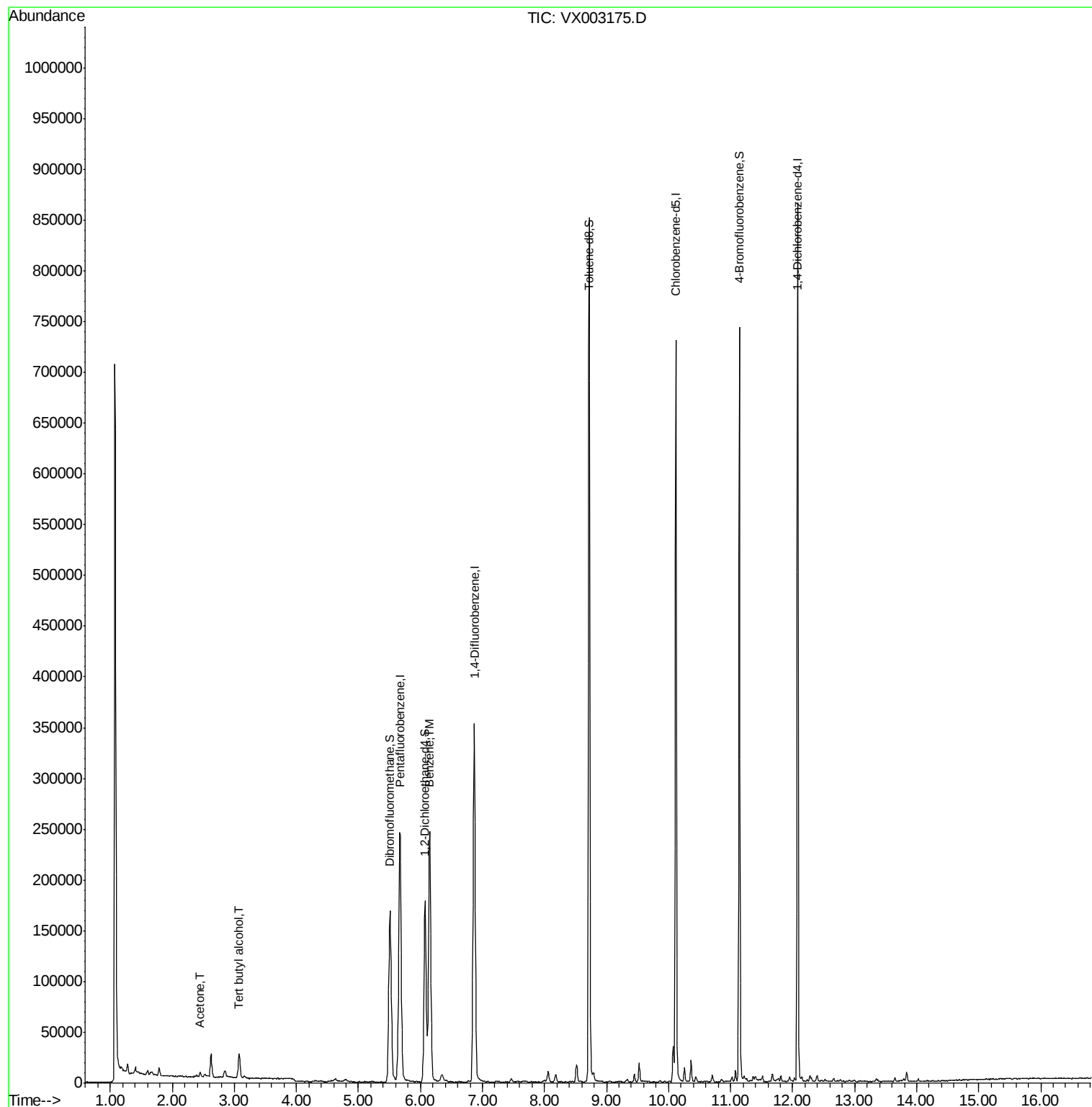
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166267	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
35) Dibromofluoromethane	5.51	113	138992	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	8.72	98	501181	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.14	95	179019	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
Target Compounds						
11) Tert butyl alcohol	3.07	59	28844	40.65	ug/l	95
16) Acetone	2.45	43	4829	3.27	ug/l	92
40) Benzene	6.15	78	291691	25.57	ug/l	99

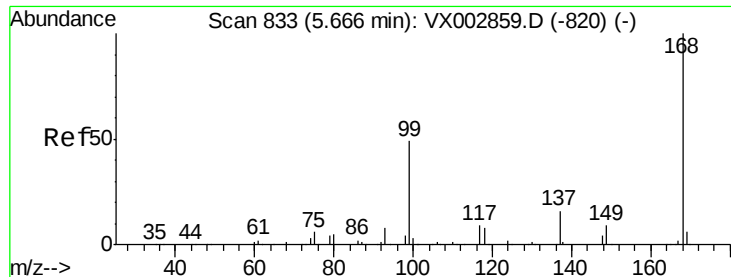
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070518\
Data File : VX003175.D
Acq On : 05 Jul 2018 16:33
Operator : JC/MD
Sample : J3754-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S10-0141

Quant Time: Jul 05 17:55:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003175.D

Acq: 05 Jul 2018 16:33

Instrument :

MSVOA_X

ClientSampled :

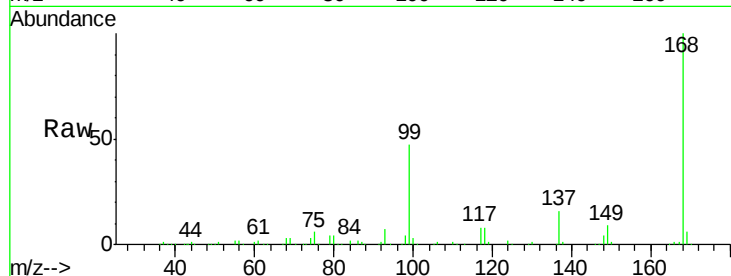
S10-0141

Tot Ion:168 Resp: 257704

Ion Ratio Lower Upper

168 100

99 46.6 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

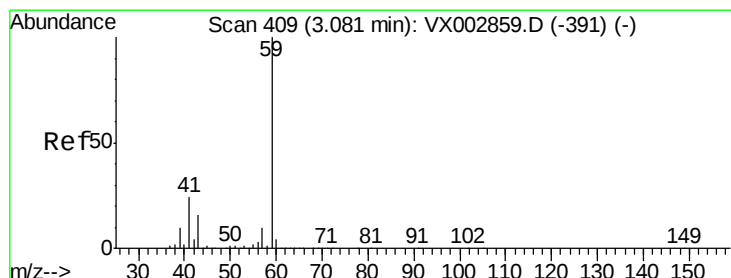
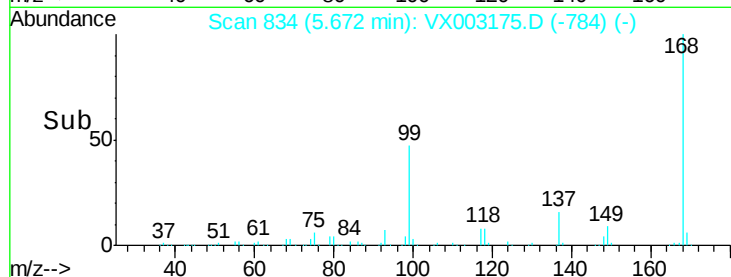
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 40.65 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003175.D

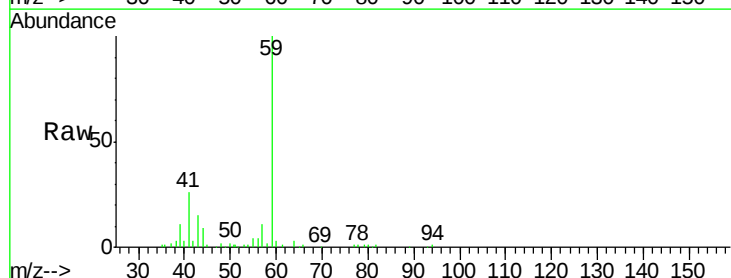
Acq: 05 Jul 2018 16:33

Tgt Ion: 59 Resp: 28844

Ion Ratio Lower Upper

59 100

57 12.1 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

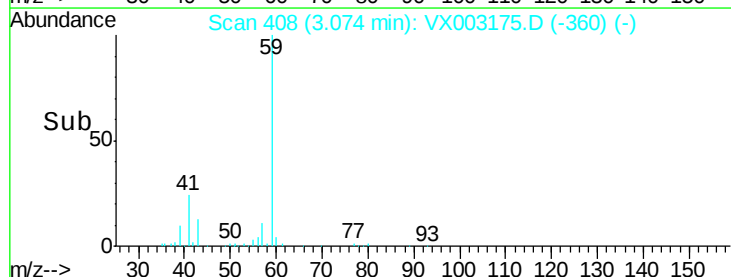
15000

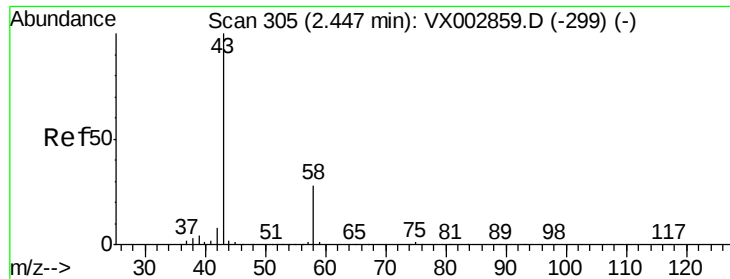
10000

5000

0

Time--> 2.95 3.00 3.05 3.10 3.15





#16

Acetone

Concen: 3.27 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003175.D

Acq: 05 Jul 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

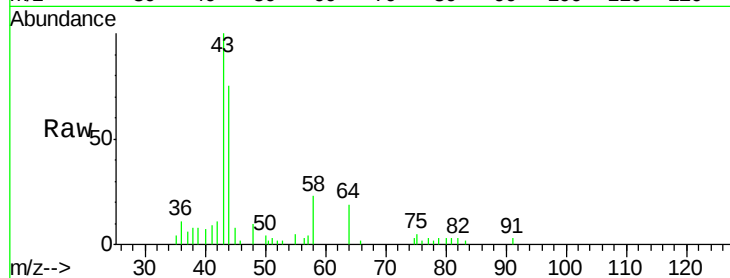
S10-0141

Tot Ion: 43 Resp: 4829

Ion Ratio Lower Upper

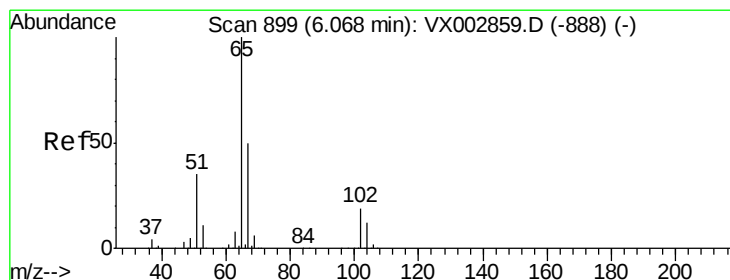
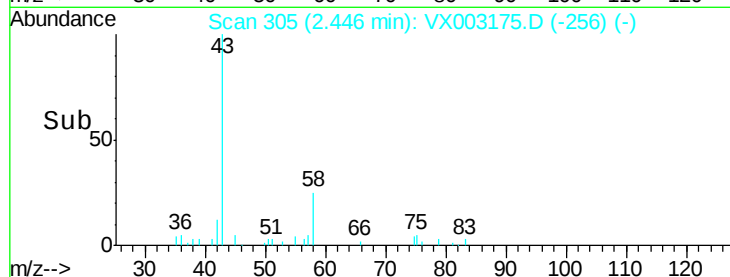
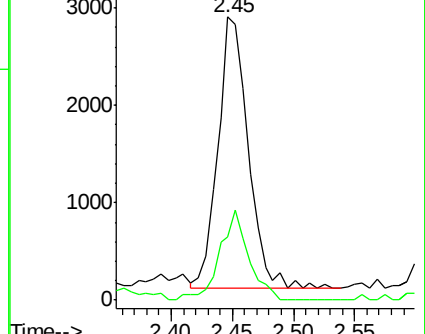
43 100

58 23.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.68 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003175.D

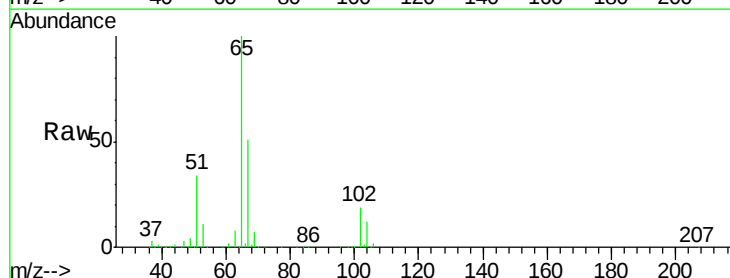
Acq: 05 Jul 2018 16:33

Tgt Ion: 65 Resp: 166267

Ion Ratio Lower Upper

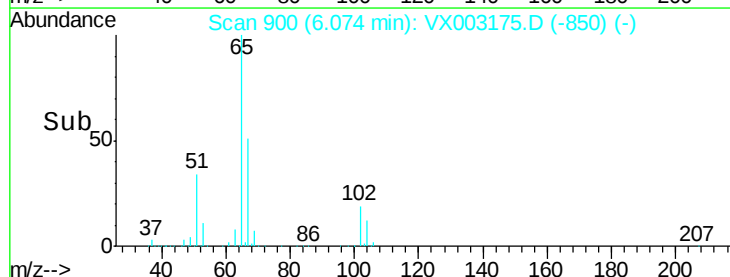
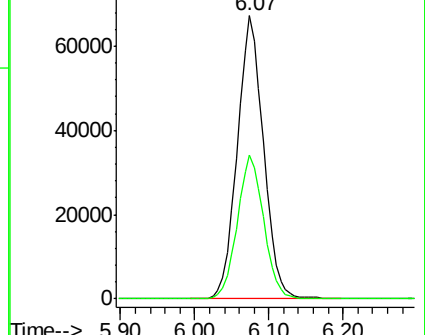
65 100

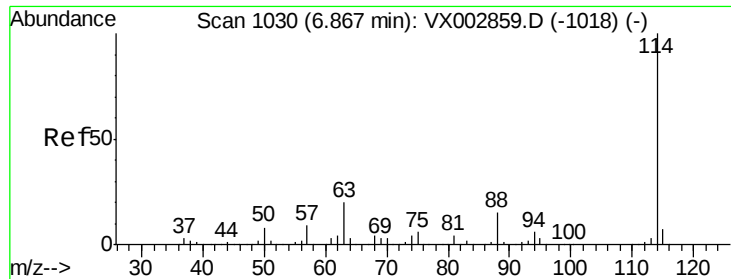
67 50.9 0.0 102.6



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: VX003175.D

Acq: 05 Jul 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

S10-0141

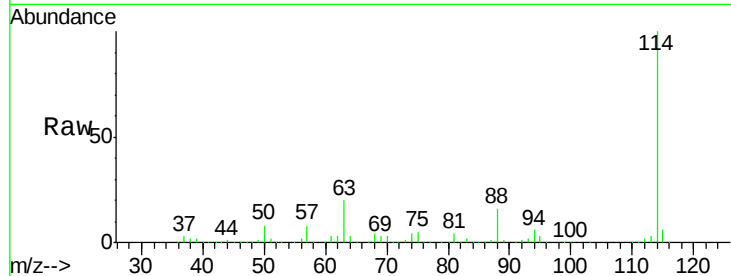
Tot Ion:114 Resp: 358028

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

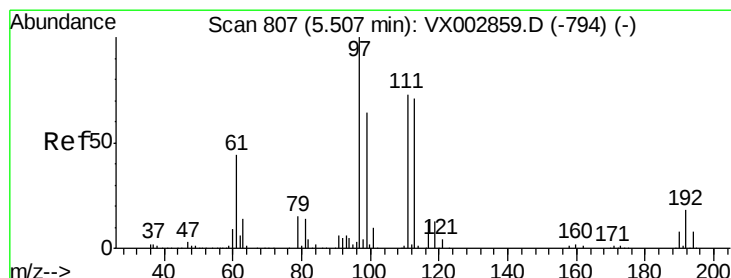
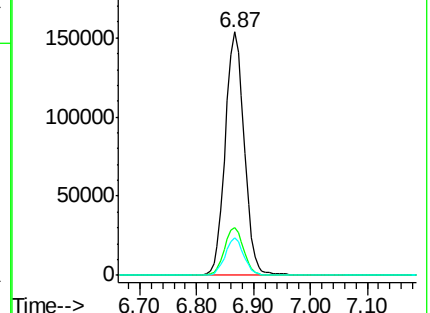
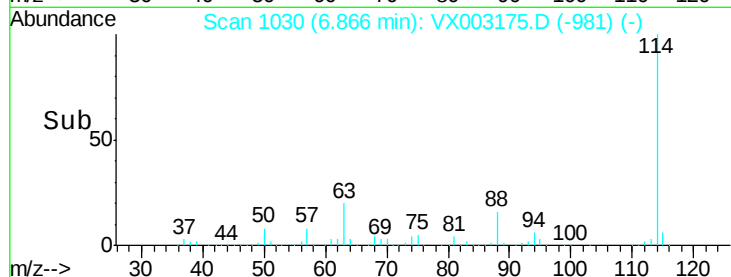
88 15.6 0.0 30.0



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: 49.02 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003175.D

Acq: 05 Jul 2018 16:33

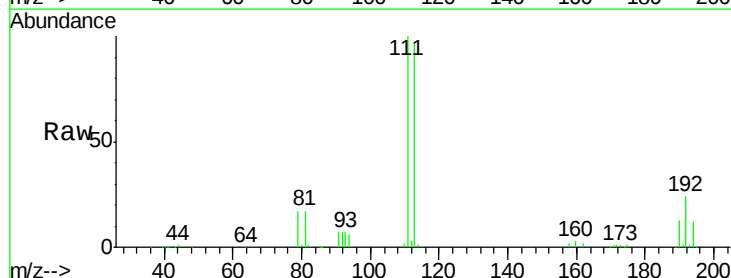
Tgt Ion:113 Resp: 138992

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

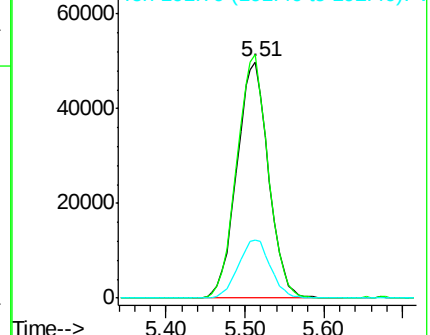
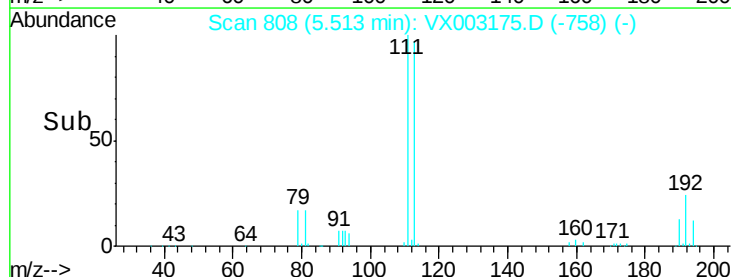
192 25.1 19.1 28.7

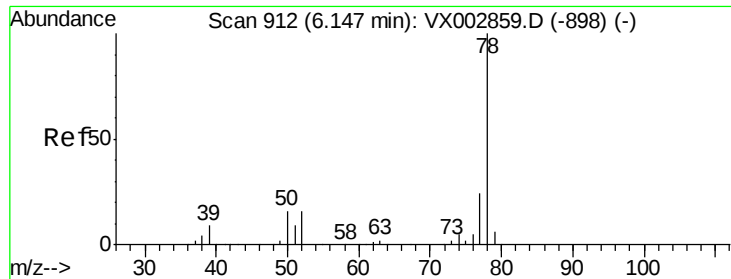


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 25.57 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX003175.D

Acq: 05 Jul 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

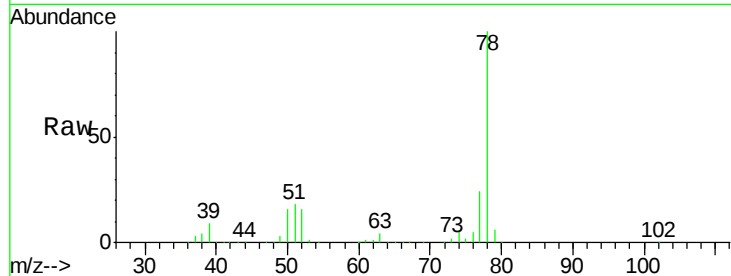
S10-0141

Tot Ion: 78 Resp: 291691

Ion Ratio Lower Upper

78 100

77 24.2 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

120000

100000

80000

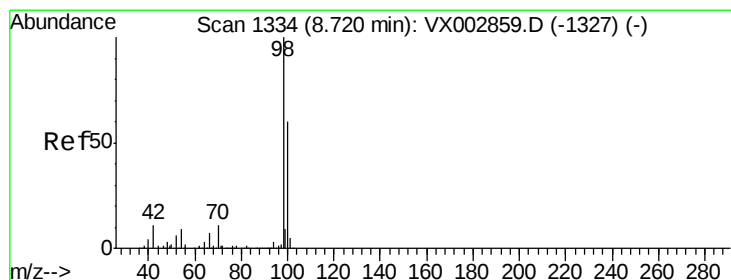
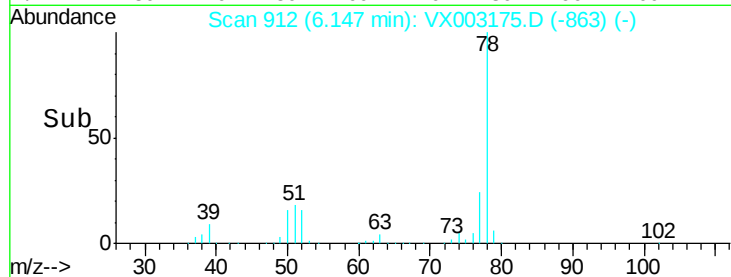
60000

40000

20000

0

Time-->



#50

Toluene-d8

Concen: 48.41 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003175.D

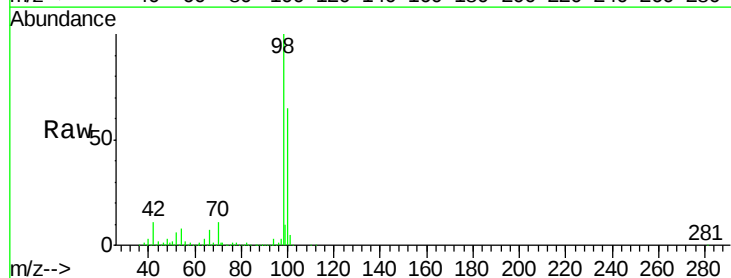
Acq: 05 Jul 2018 16:33

Tgt Ion: 98 Resp: 501181

Ion Ratio Lower Upper

98 100

100 64.2 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

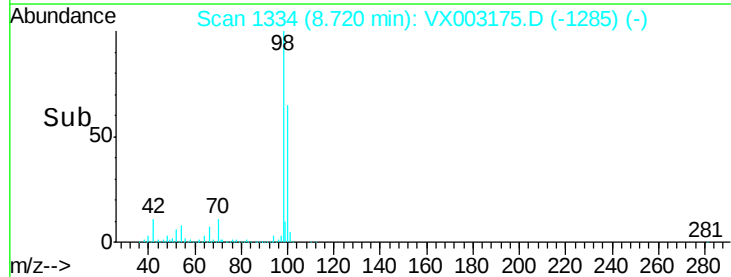
300000

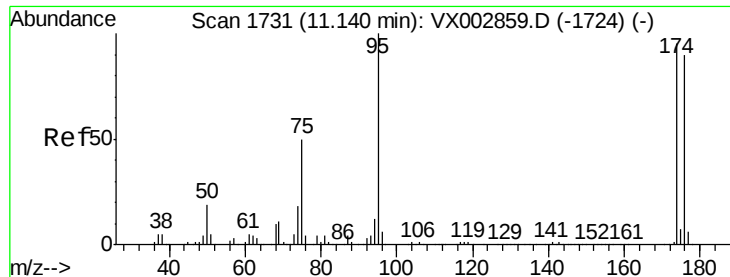
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 44.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003175.D

Acq: 05 Jul 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

S10-0141

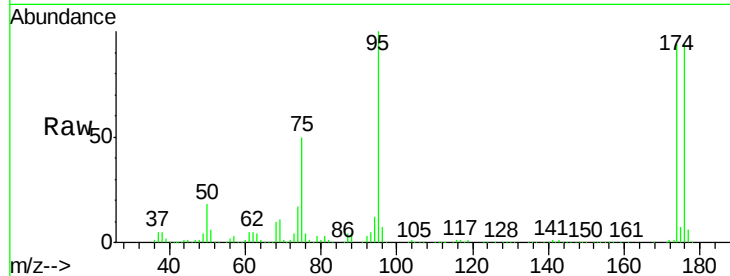
Tot Ion: 95 Resp: 179019

Ion Ratio Lower Upper

95 100

174 98.4 0.0 187.4

176 95.8 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)

11.14

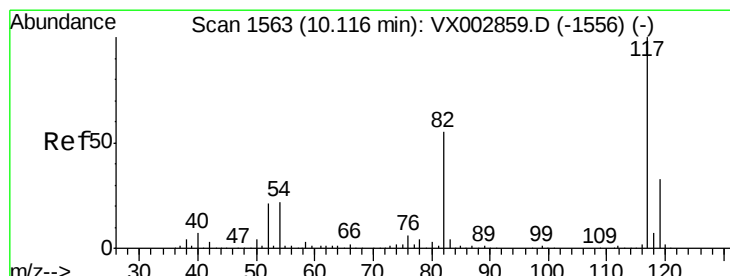
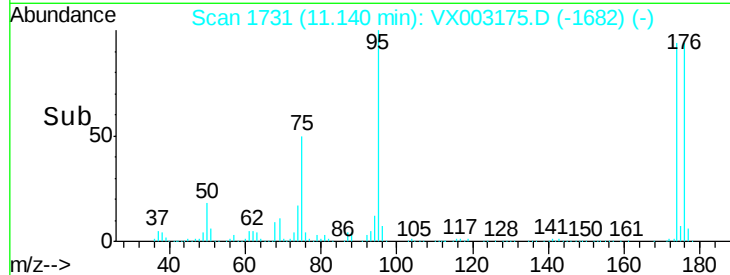
150000

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: VX003175.D

Acq: 05 Jul 2018 16:33

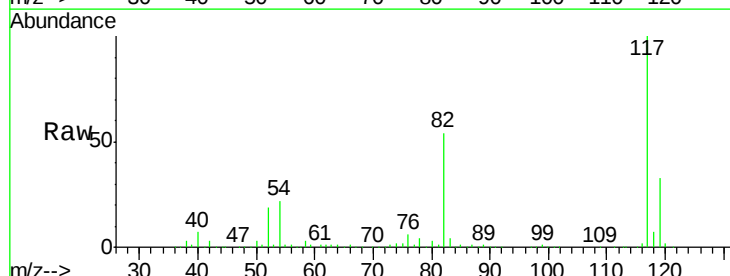
Tgt Ion: 117 Resp: 333650

Ion Ratio Lower Upper

117 100

82 53.9 45.0 67.4

119 32.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)

10.12

300000

250000

200000

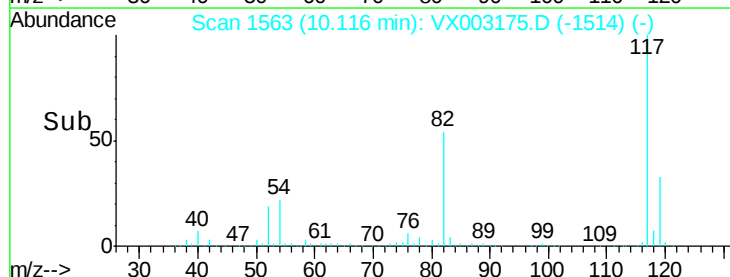
150000

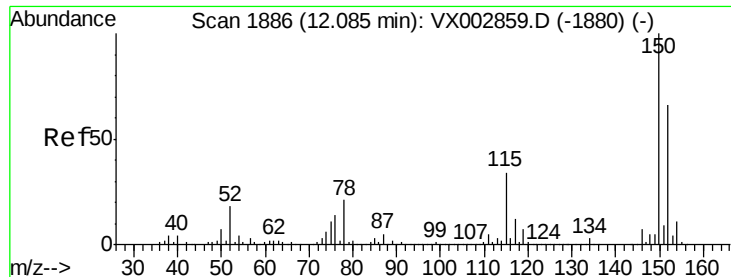
100000

50000

0

Time-->

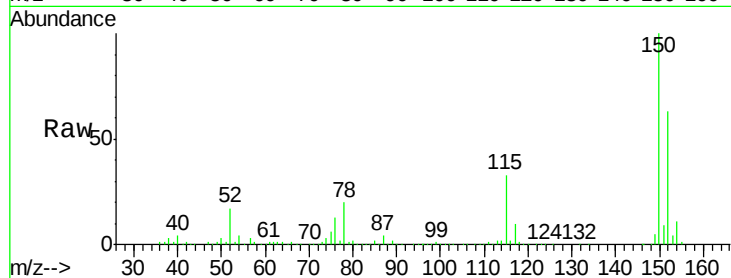




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX003175.D
 Acq: 05 Jul 2018 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0141

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.6	40.1	120.2
150	157.3	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

