

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003169.D
 Acq On : 05 Jul 2018 13:53
 Operator : JC/MD
 Sample : J3754-03DL 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0140DL

Quant Time: Jul 05 17:30:14 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	265231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191372	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	170432	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	
35) Dibromofluoromethane	5.51	113	141296	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
50) Toluene-d8	8.72	98	508613	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.14	95	179623	43.91	ug/l	0.00
Spiked Amount			Recovery	=	87.82%	

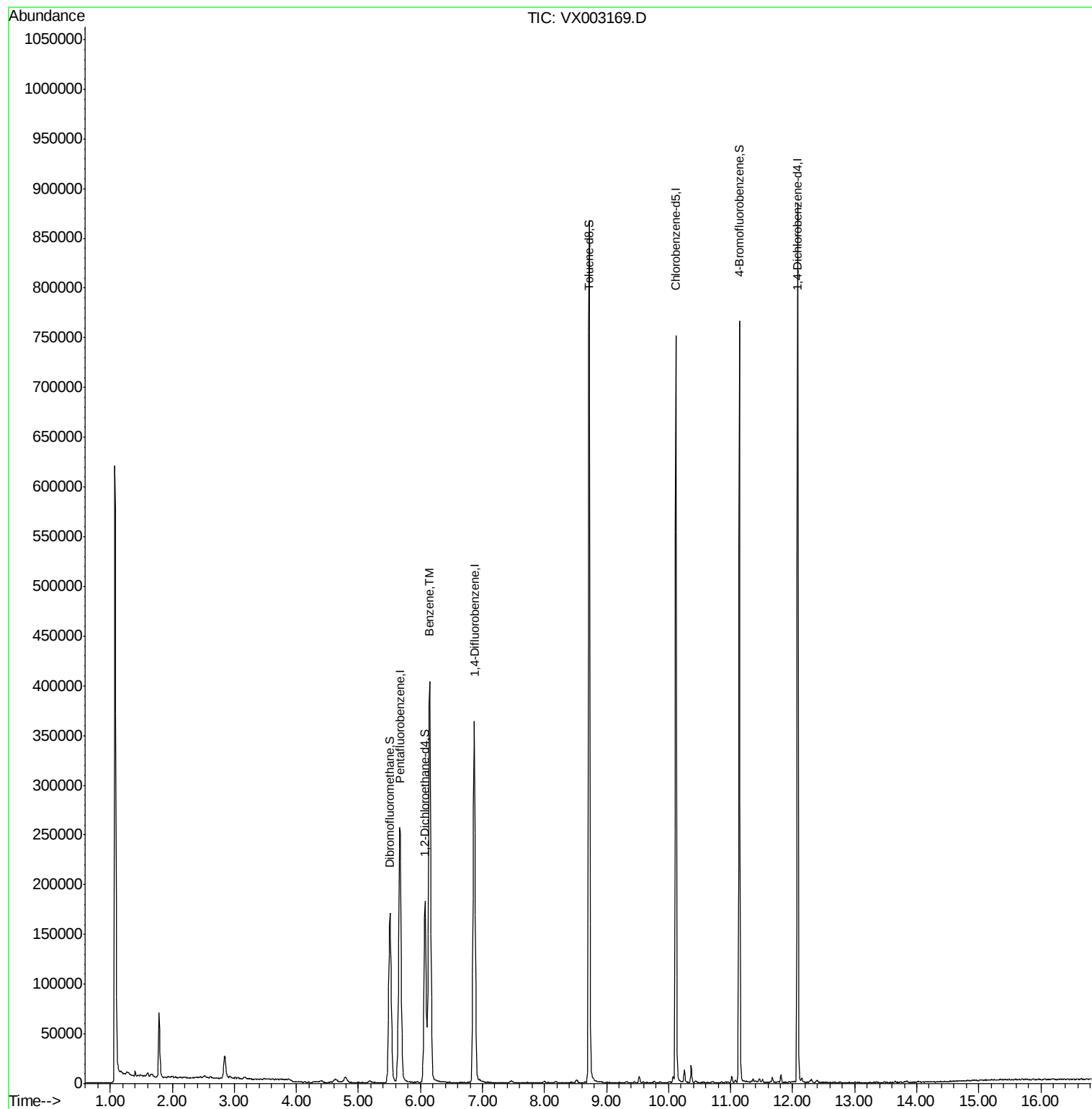
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	6.15	78	472944	40.47	ug/l	99

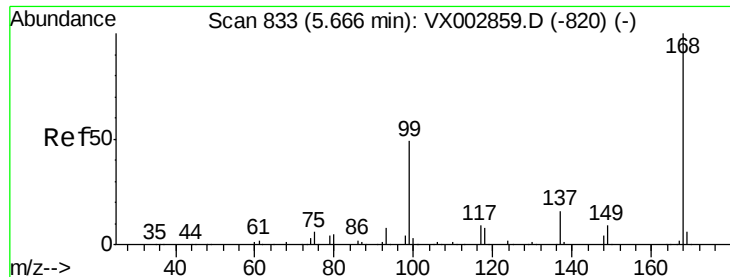
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003169.D

Acq: 05 Jul 2018 13:53

Instrument :

MSVOA_X

ClientSampled :

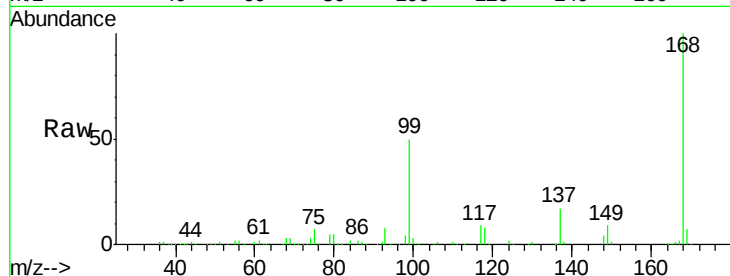
S10-0140DL

Tot Ion:168 Resp: 265231

Ion Ratio Lower Upper

168 100

99 49.7 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

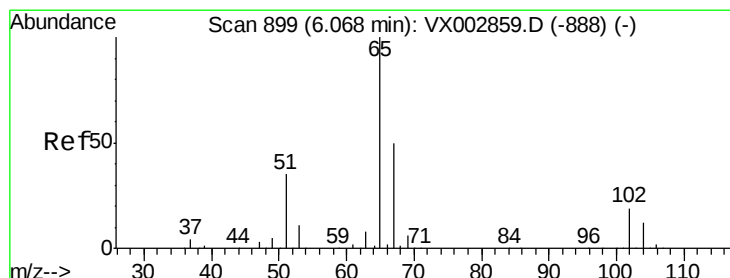
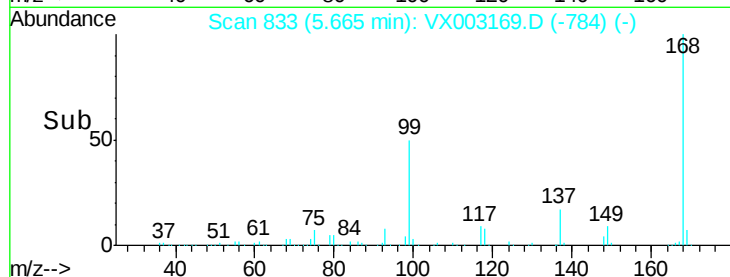
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.49 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003169.D

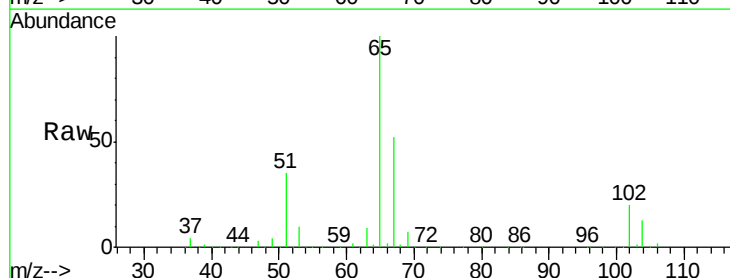
Acq: 05 Jul 2018 13:53

Tgt Ion: 65 Resp: 170432

Ion Ratio Lower Upper

65 100

67 51.9 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

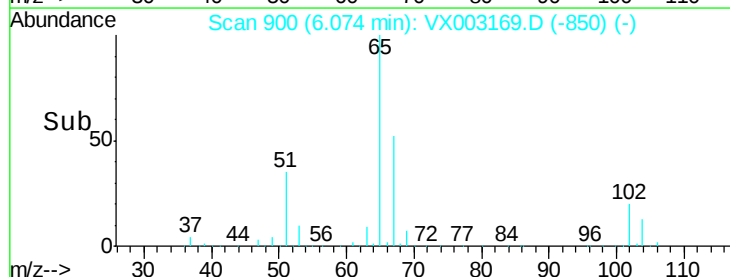
60000

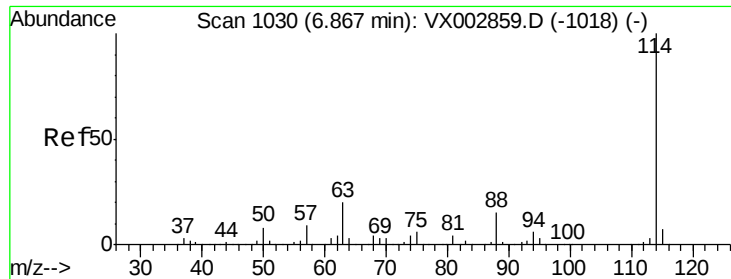
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

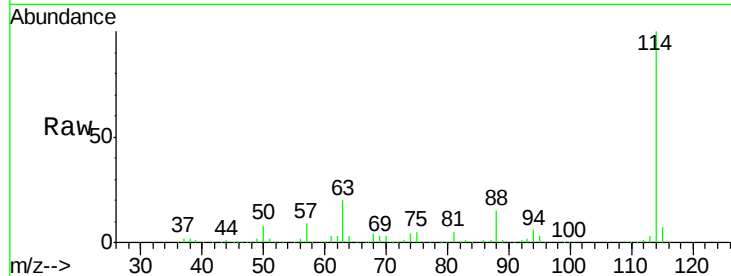




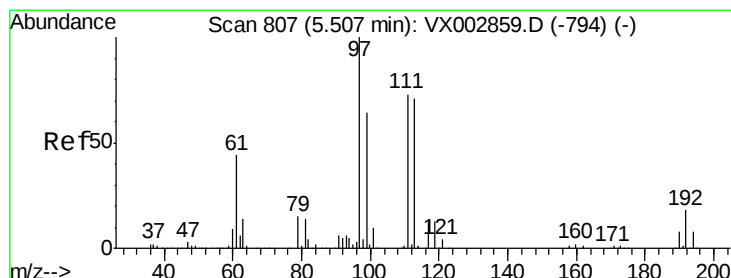
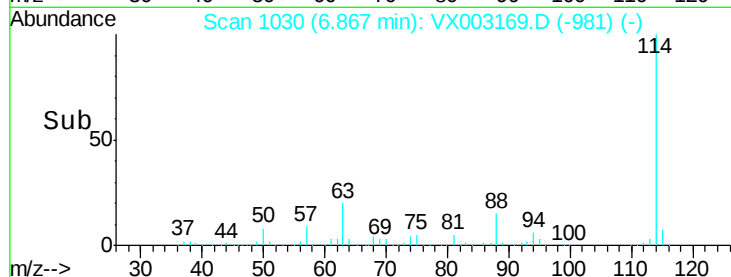
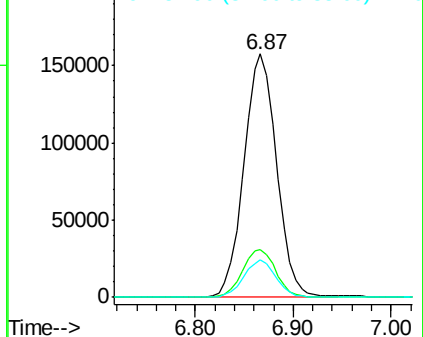
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003169.D
 Acq: 05 Jul 2018 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 S10-0140DL

Tot Ion:114 Resp: 366790
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 15.3 0.0 30.0

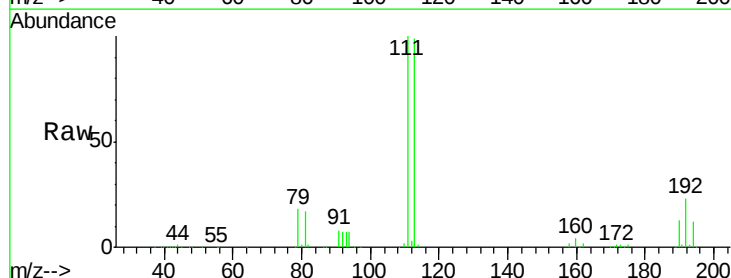


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

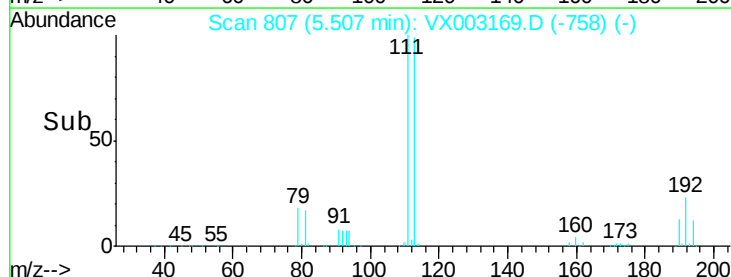
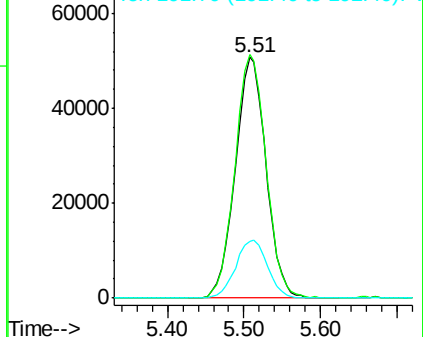


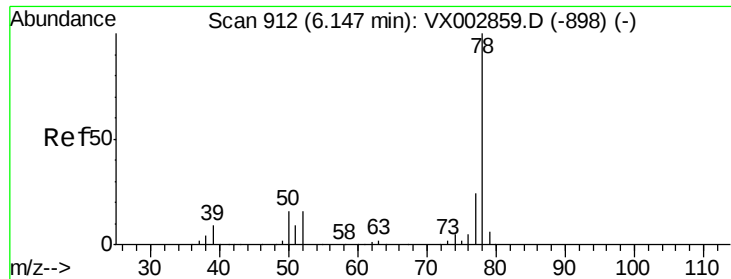
#35
 Dibromofluoromethane
 Concen: 48.64 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003169.D
 Acq: 05 Jul 2018 13:53

Tgt Ion:113 Resp: 141296
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 24.9 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





#40

Benzene

Concen: 40.47 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX003169.D

Acq: 05 Jul 2018 13:53

Instrument :

MSVOA_X

ClientSampleID :

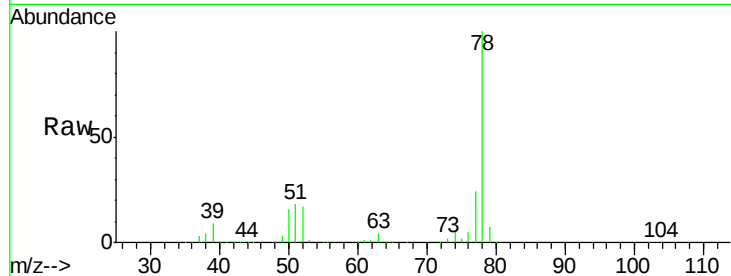
S10-0140DL

Tot Ion: 78 Resp: 472944

Ion Ratio Lower Upper

78 100

77 23.6 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

200000

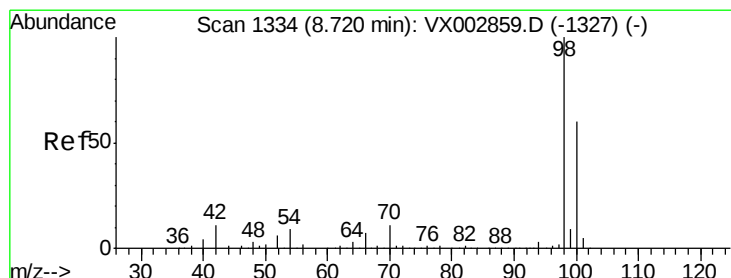
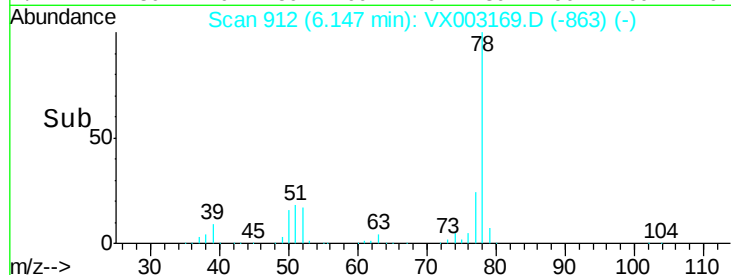
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 47.95 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003169.D

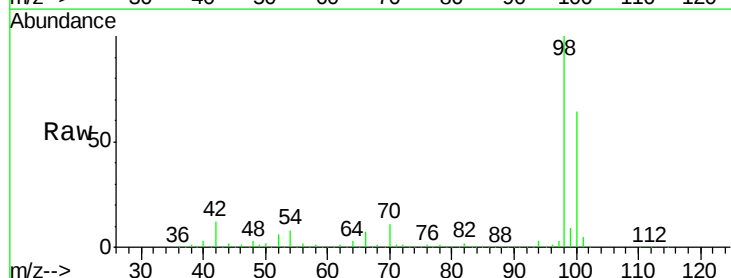
Acq: 05 Jul 2018 13:53

Tgt Ion: 98 Resp: 508613

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): VX0

8.72

400000

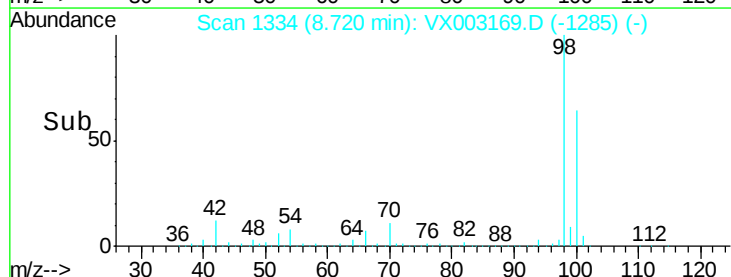
300000

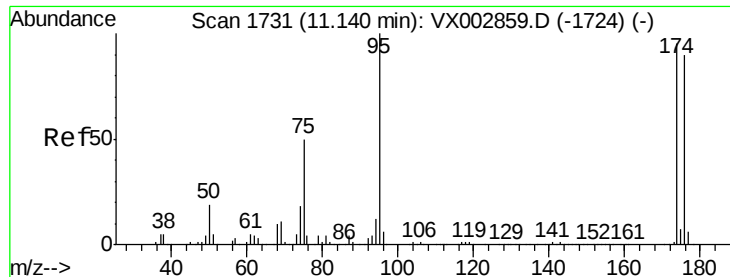
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 43.91 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003169.D

Acq: 05 Jul 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

S10-0140DL

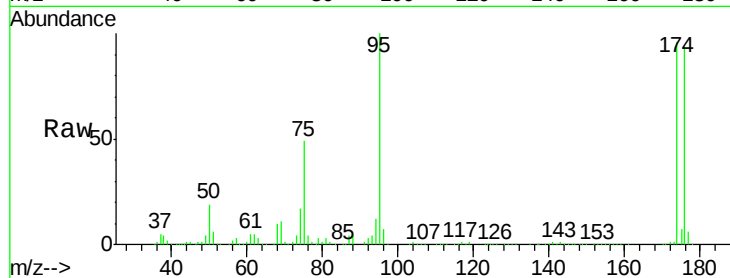
Tot Ion: 95 Resp: 179623

Ion Ratio Lower Upper

95 100

174 98.6 0.0 187.4

176 96.4 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

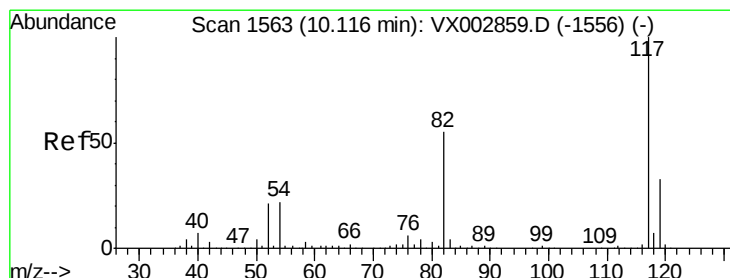
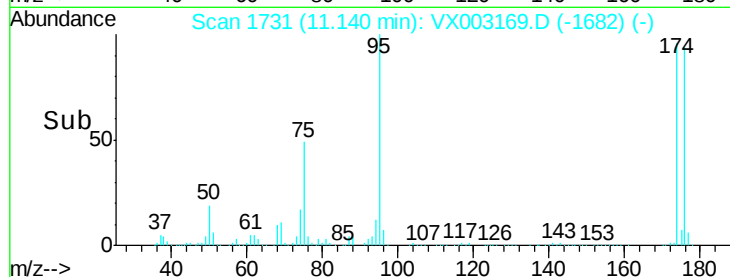
150000

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: VX003169.D

Acq: 05 Jul 2018 13:53

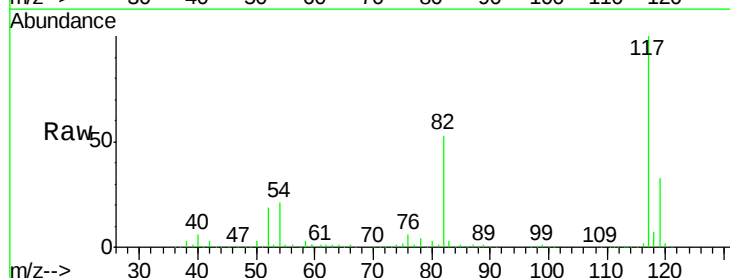
Tgt Ion: 117 Resp: 338711

Ion Ratio Lower Upper

117 100

82 52.7 45.0 67.4

119 32.8 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

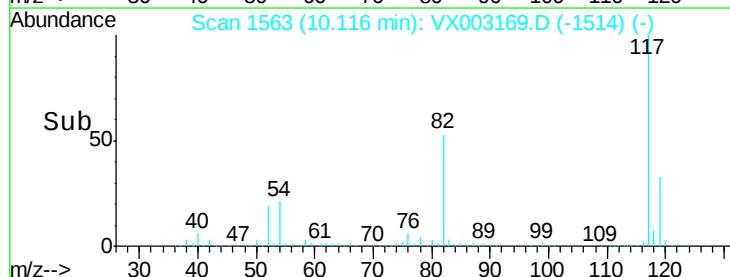
300000

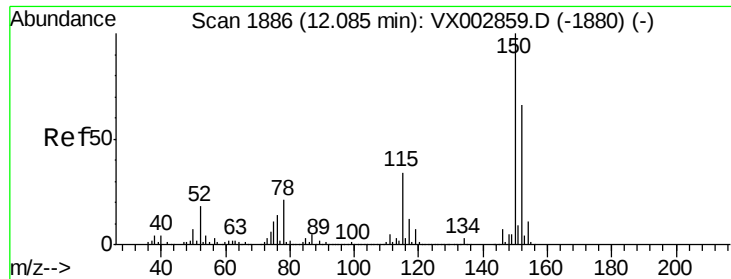
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003169.D

Acq: 05 Jul 2018 13:53

Instrument :

MSVOA_X

ClientSampleId :

S10-0140DL

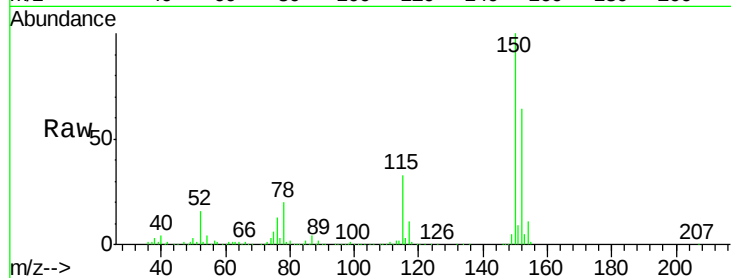
Tot Ion:152 Resp: 191372

Ion Ratio Lower Upper

152 100

115 53.7 40.1 120.2

150 157.1 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

