

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003582.D
 Acq On : 22 Jul 2018 04:35
 Operator : JC/SP
 Sample : J4028-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0488-180716

Quant Time: Jul 23 15:17:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	441654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	371665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201603	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	173356	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
35) Dibromofluoromethane	5.50	113	156645	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
50) Toluene-d8	8.72	98	561425	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
62) 4-Bromofluorobenzene	11.14	95	190693	41.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.66%	

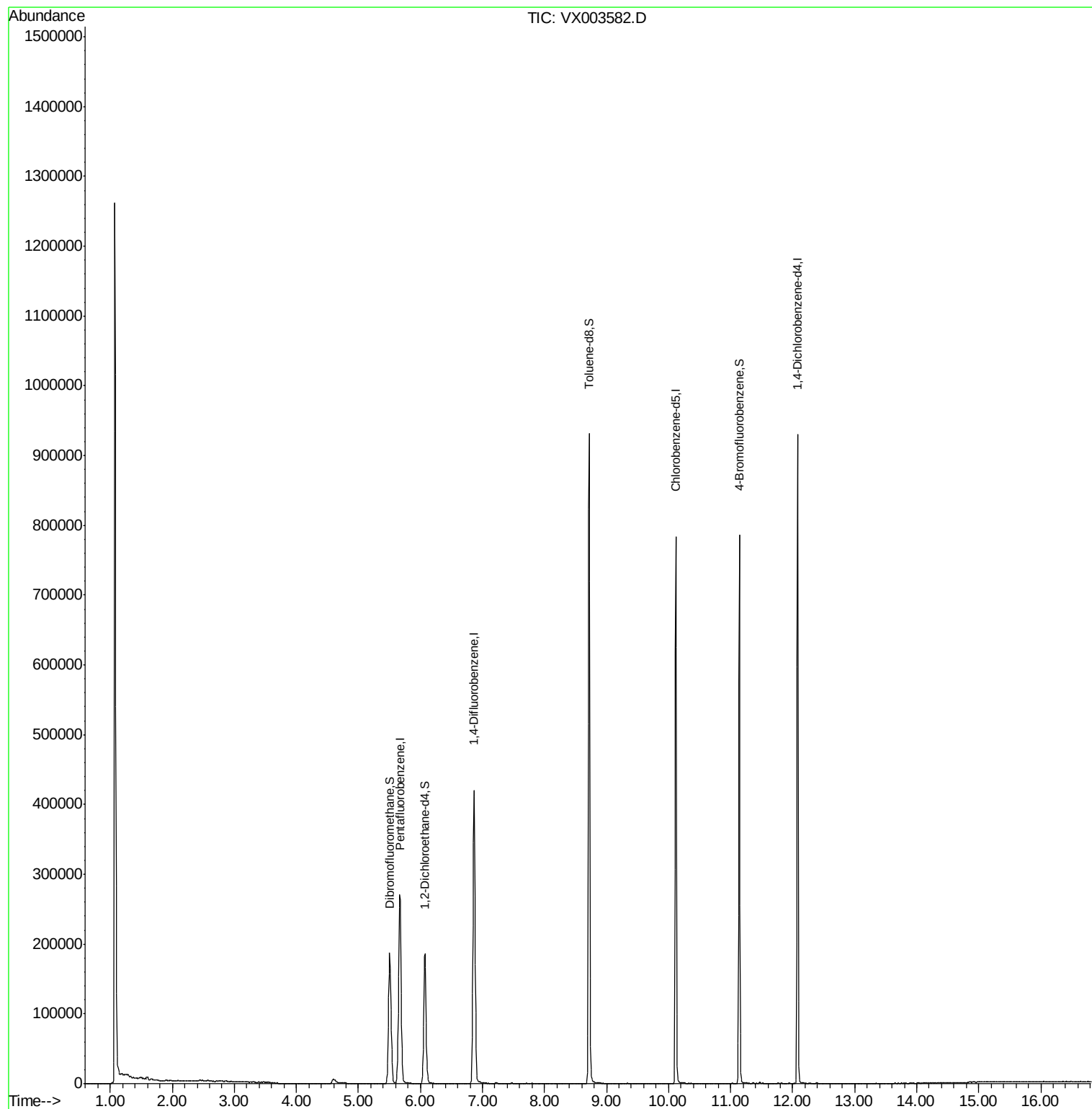
Target Compounds	Qvalue

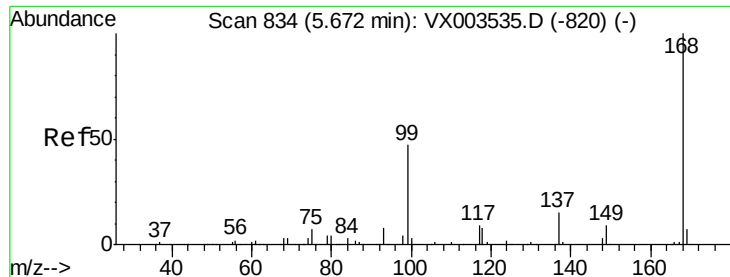
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003582.D

Acq: 22 Jul 2018 04:35

Instrument :

MSVOA_X

ClientSampleId :

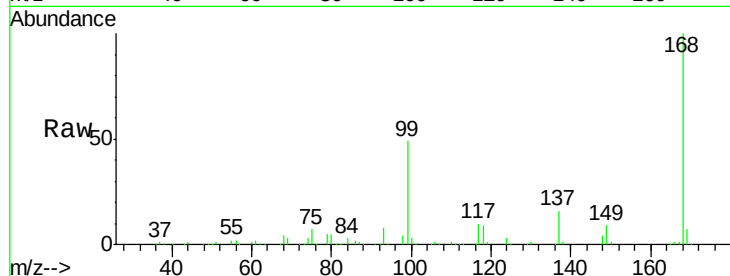
DUP-0488-180716

Tot Ion:168 Resp: 287519

Ion Ratio Lower Upper

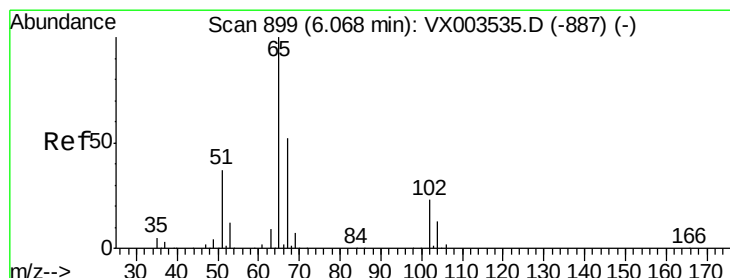
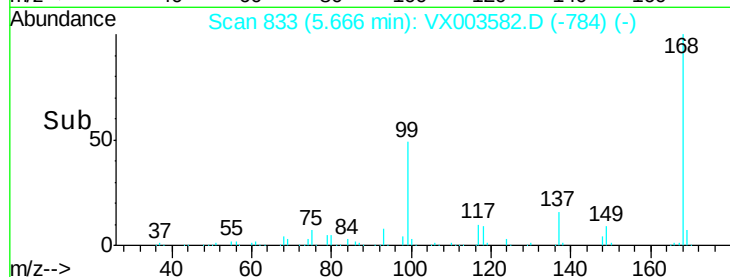
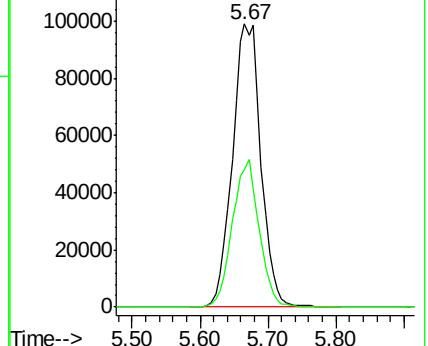
168 100

99 48.6 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: 50.94 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003582.D

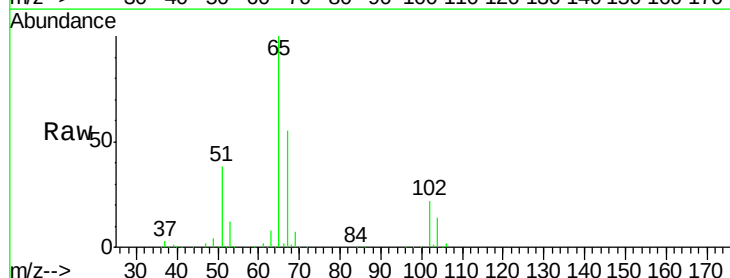
Acq: 22 Jul 2018 04:35

Tgt Ion: 65 Resp: 173356

Ion Ratio Lower Upper

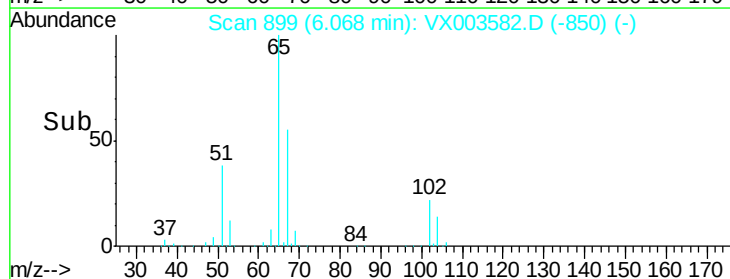
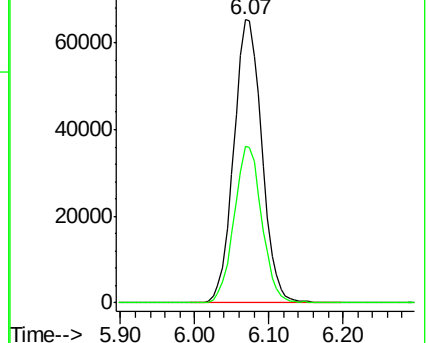
65 100

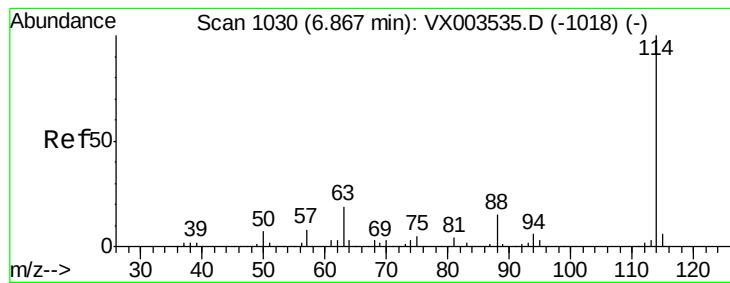
67 54.4 0.0 102.6



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: VX003582.D

Acq: 22 Jul 2018 04:35

Instrument :

MSVOA_X

ClientSampleId :

DUP-0488-180716

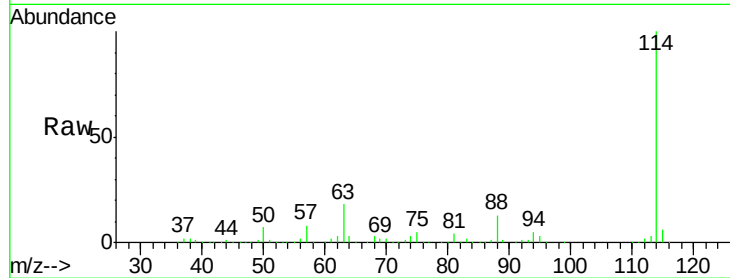
Tot Ion:114 Resp: 441654

Ion Ratio Lower Upper

114 100

63 18.1 0.0 41.4

88 12.9 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

250000

200000

150000

100000

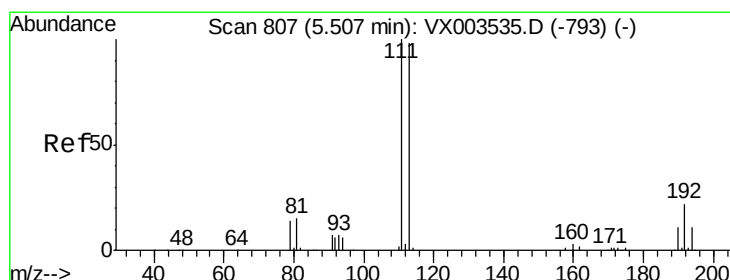
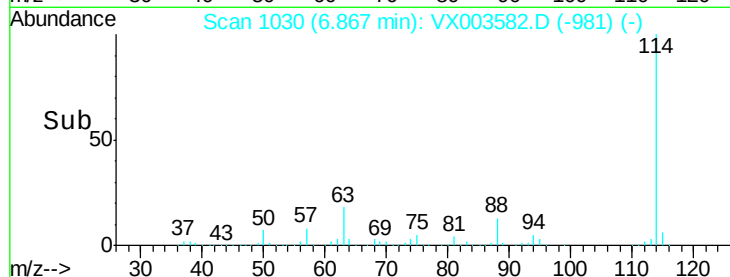
50000

0

6.87

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 46.57 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003582.D

Acq: 22 Jul 2018 04:35

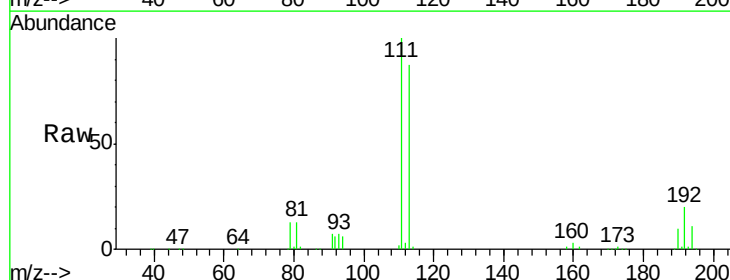
Tgt Ion:113 Resp: 156645

Ion Ratio Lower Upper

113 100

111 106.3 81.4 122.0

192 25.0 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

80000

60000

40000

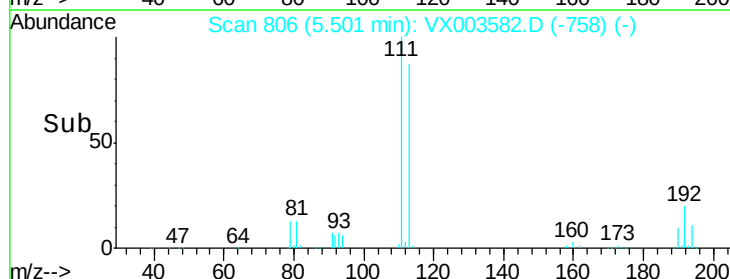
20000

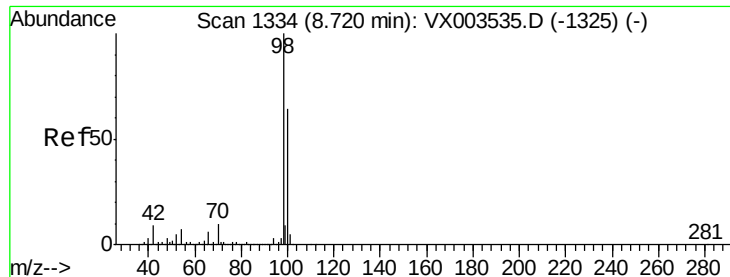
0

5.50

5.40 5.50 5.60 5.70

Time-->





#50

Toluene-d8

Concen: 44.40 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003582.D

Acq: 22 Jul 2018 04:35

Instrument :

MSVOA_X

ClientSampleId :

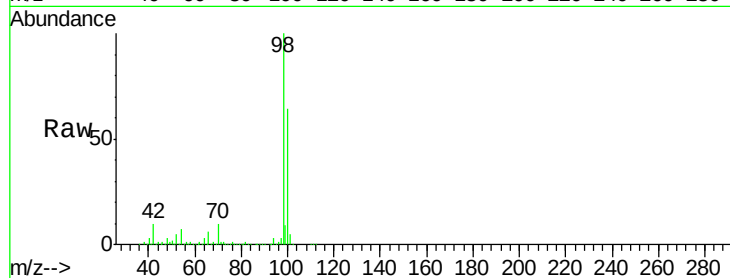
DUP-0488-180716

Tot Ion: 98 Resp: 561425

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): V

8.72

400000

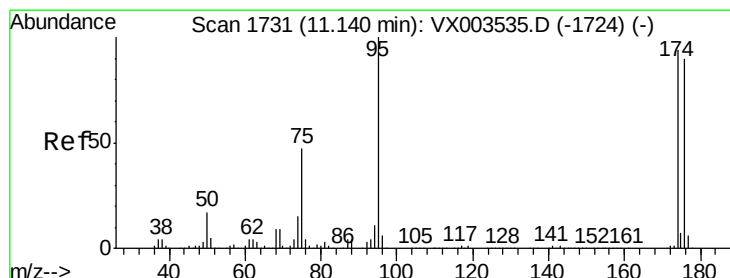
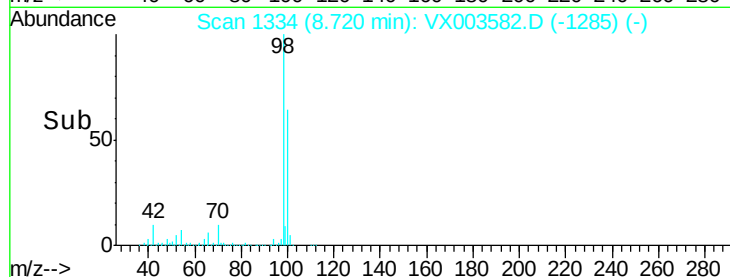
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 41.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003582.D

Acq: 22 Jul 2018 04:35

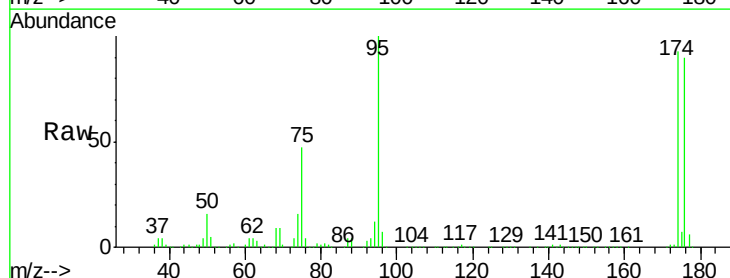
Tgt Ion: 95 Resp: 190693

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.4

176 91.9 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

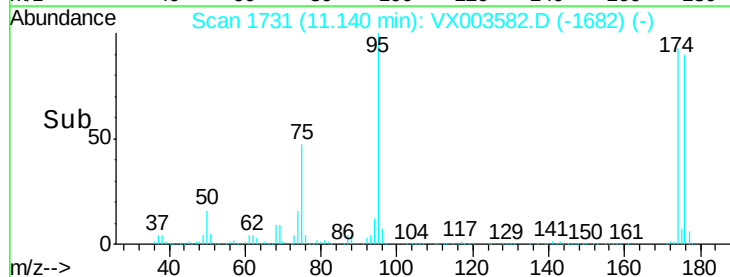
150000

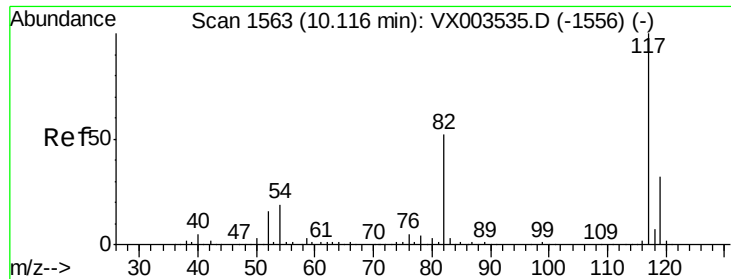
100000

50000

0

Time--> 11.10 11.20

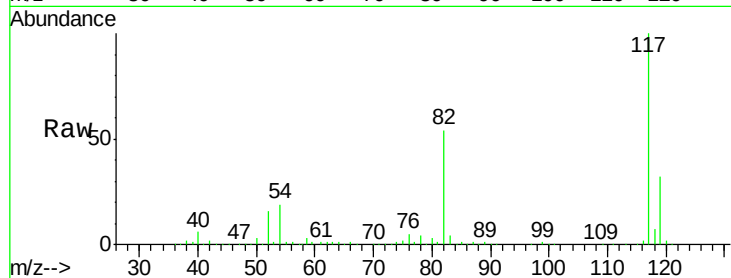




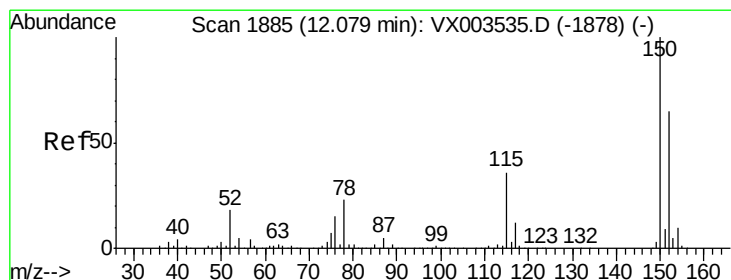
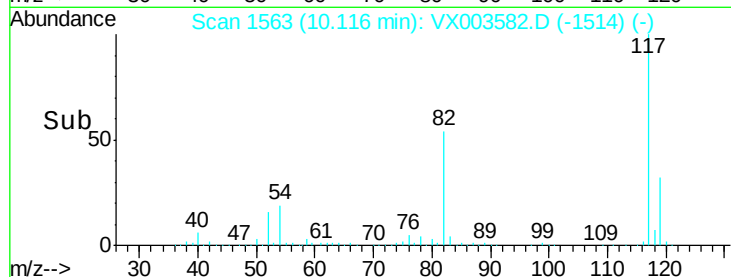
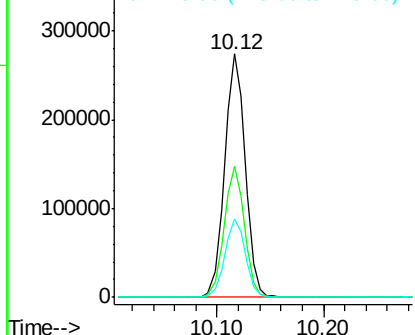
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003582.D
Acq: 22 Jul 2018 04:35

Instrument :
MSVOA_X
ClientSampleId :
DUP-0488-180716

Tot Ion:117 Resp: 371665
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.3 25.8 38.6

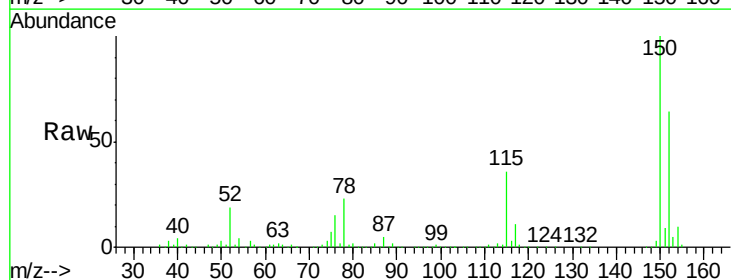


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003582.D
Acq: 22 Jul 2018 04:35

Tgt Ion:152 Resp: 201603
Ion Ratio Lower Upper
152 100
115 54.5 40.1 120.2
150 155.5 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

