

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005684.D
 Acq On : 30 Oct 2018 11:46
 Operator : JC/MD
 Sample : VX1030MBL01
 Misc : 5.00g/10mL/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030MBL01

Quant Time: Oct 30 16:28:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155504	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142654	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	5.50	113	116044	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
50) Toluene-d8	8.71	98	421075	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	
62) 4-Bromofluorobenzene	11.14	95	141787	41.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.30%	

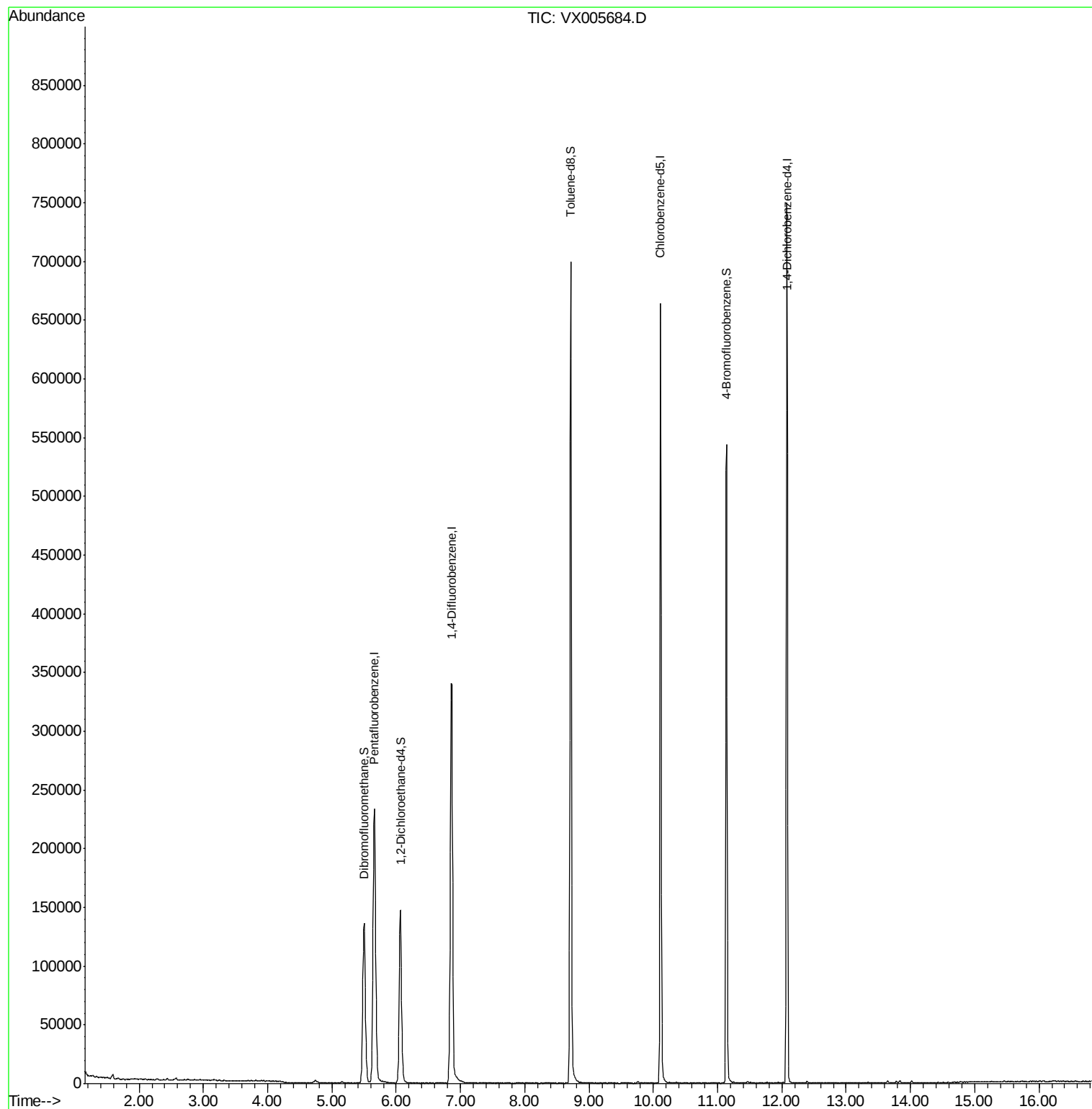
Target Compounds	Qvalue

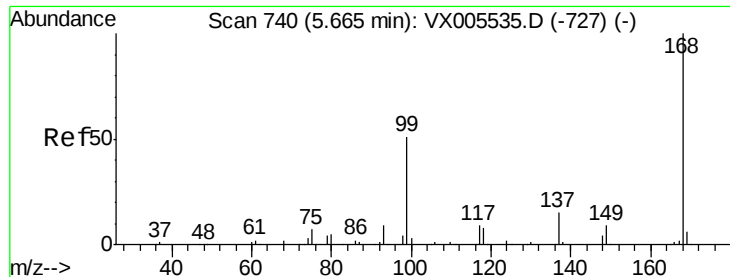
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
VX1030MBL01

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Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

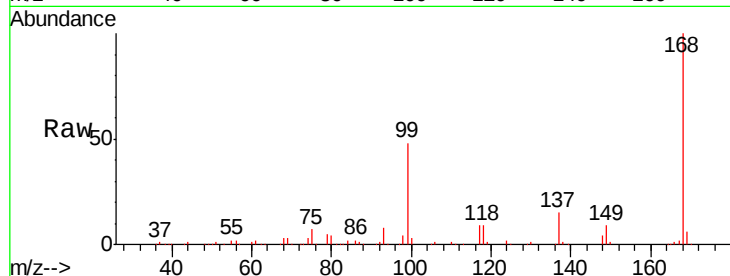
VX1030MBL01

Tgt Ion:168 Resp: 241228

Ion Ratio Lower Upper

168 100

99 47.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

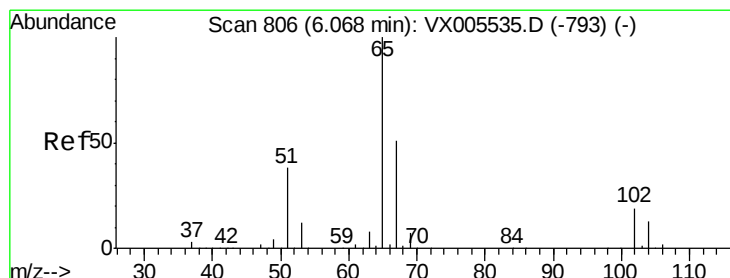
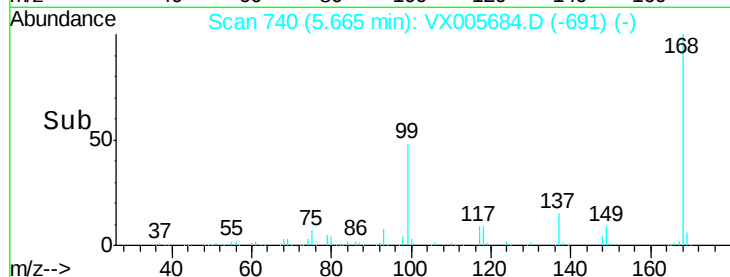
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.45 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005684.D

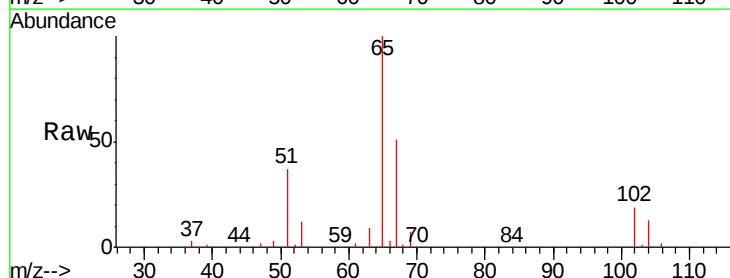
Acq: 30 Oct 2018 11:46

Tgt Ion: 65 Resp: 142654

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

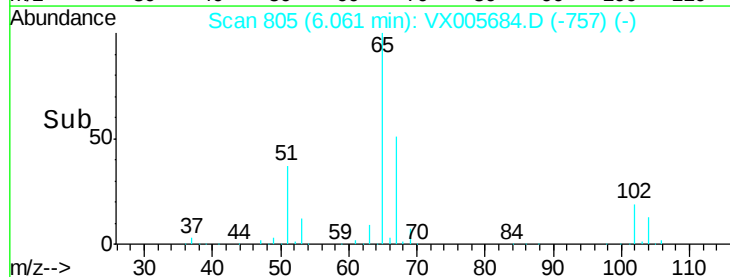
30000

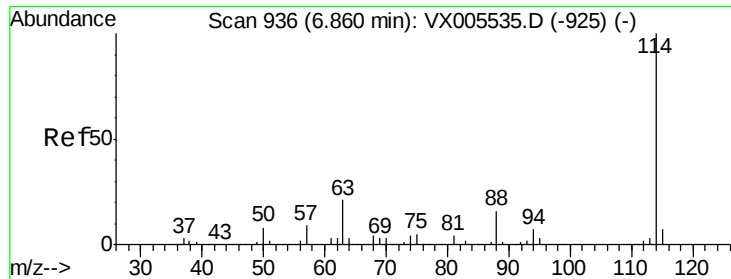
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

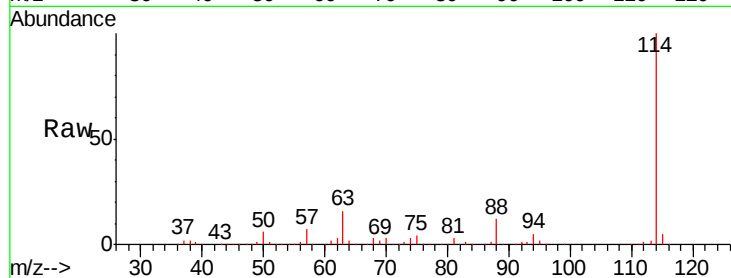




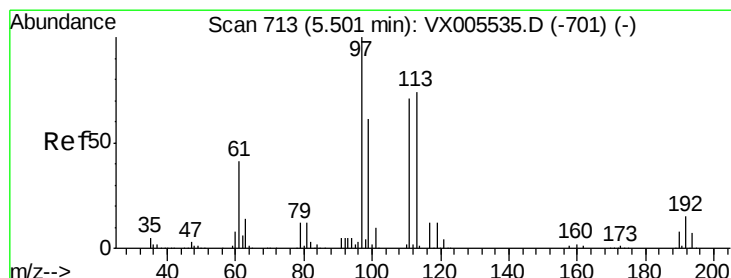
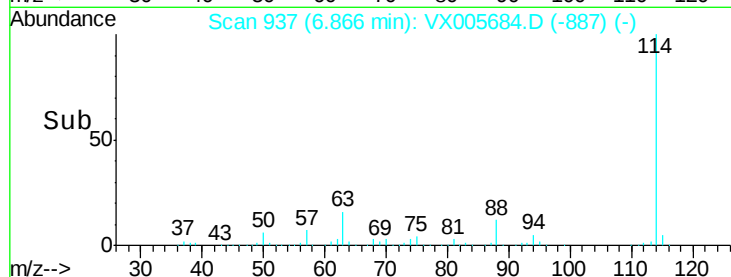
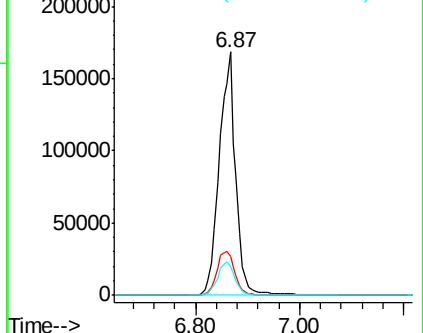
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005684.D
 Acq: 30 Oct 2018 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030MBL01

Tgt Ion:114 Resp: 375019
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 42.8
 88 11.5 0.0 31.2

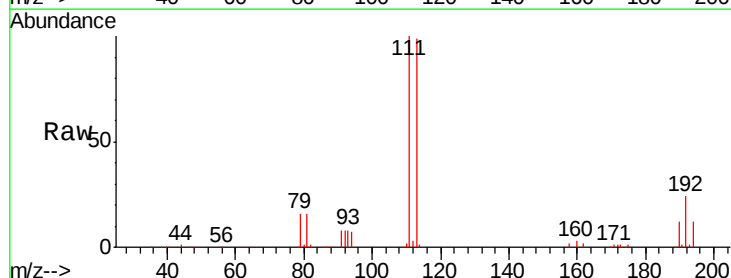


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

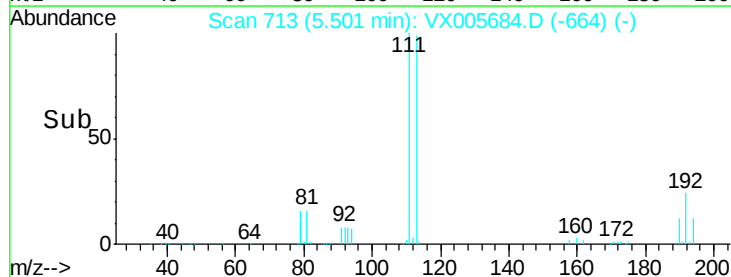
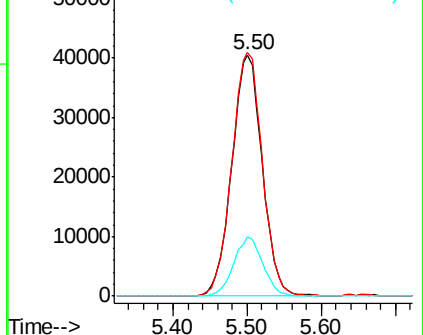


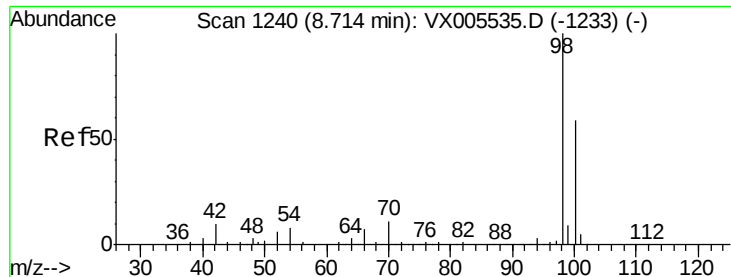
#35
 Dibromofluoromethane
 Concen: 45.70 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005684.D
 Acq: 30 Oct 2018 11:46

Tgt Ion:113 Resp: 116044
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.3 123.5
 192 23.6 17.9 26.9



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





#50

Toluene-d8

Concen: 46.15 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

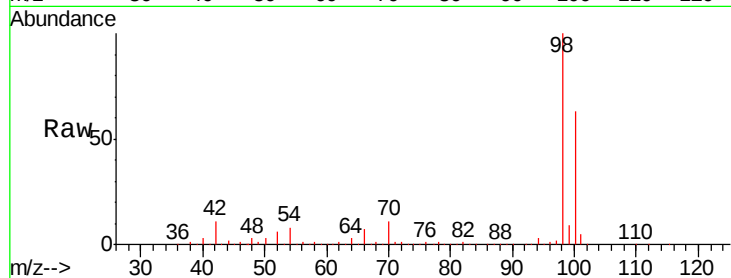
VX1030MBL01

Tgt Ion: 98 Resp: 421075

Ion Ratio Lower Upper

98 100

100 63.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

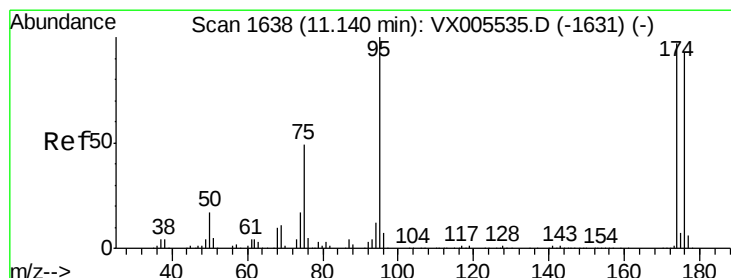
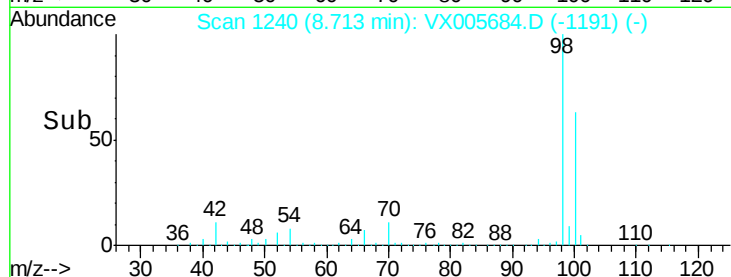
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 41.15 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

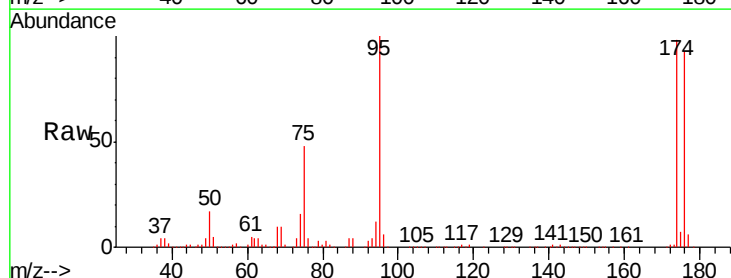
Tgt Ion: 95 Resp: 141787

Ion Ratio Lower Upper

95 100

174 94.0 0.0 184.4

176 89.5 0.0 177.4



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

11.14

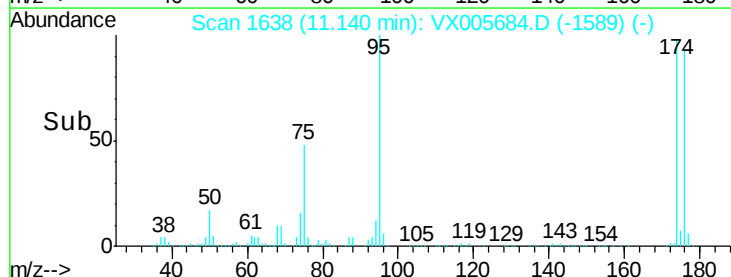
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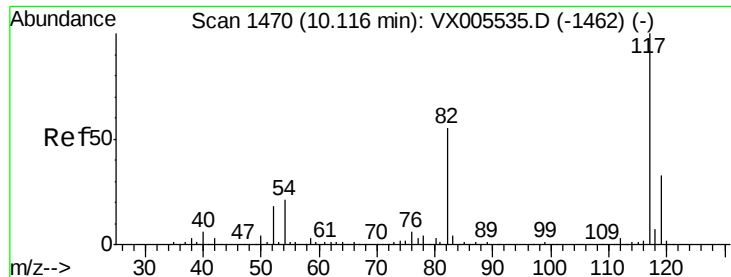
50000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX1030MBL01

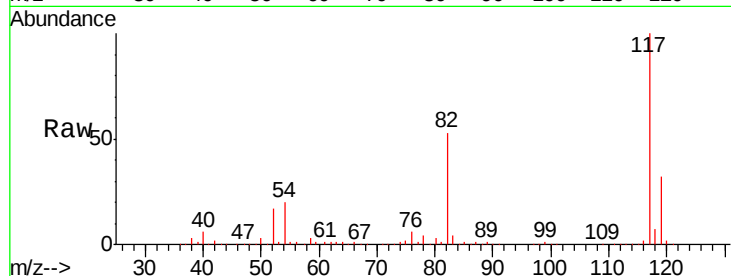
Tgt Ion:117 Resp: 318634

Ion Ratio Lower Upper

117 100

82 53.3 44.1 66.1

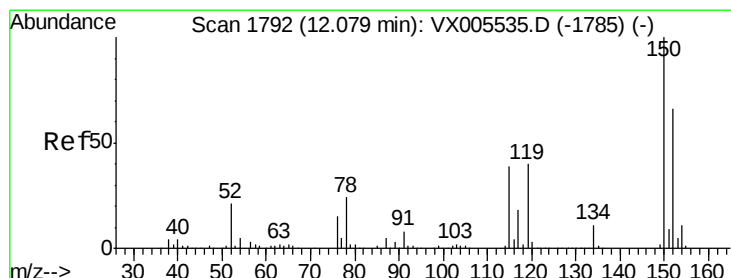
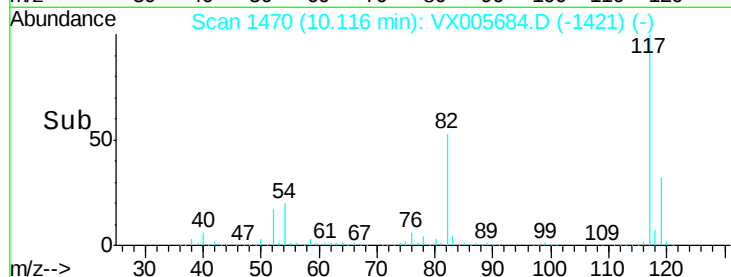
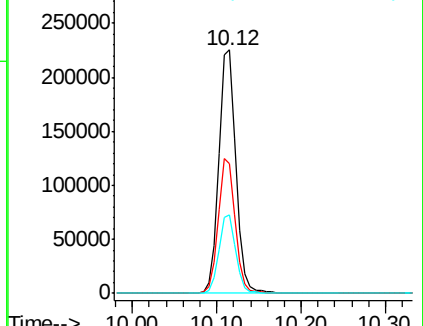
119 32.3 26.2 39.2



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# 1792

Delta R.T. -0.00 min

Lab File: VX005684.D

Acq: 30 Oct 2018 11:46

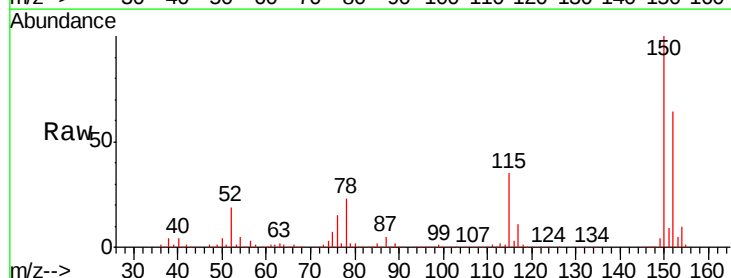
Tgt Ion:152 Resp: 155504

Ion Ratio Lower Upper

152 100

115 55.3 39.4 118.1

150 156.2 0.0 346.4



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

