

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000927.D
 Acq On : 16 Apr 2018 18:49
 Operator : JC/MD
 Sample : J2370-08 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CG

Quant Time: Apr 17 10:32:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	355818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230582	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	158452	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	5.51	113	126098	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
50) Toluene-d8	8.72	98	499925	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.15	95	199543	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	

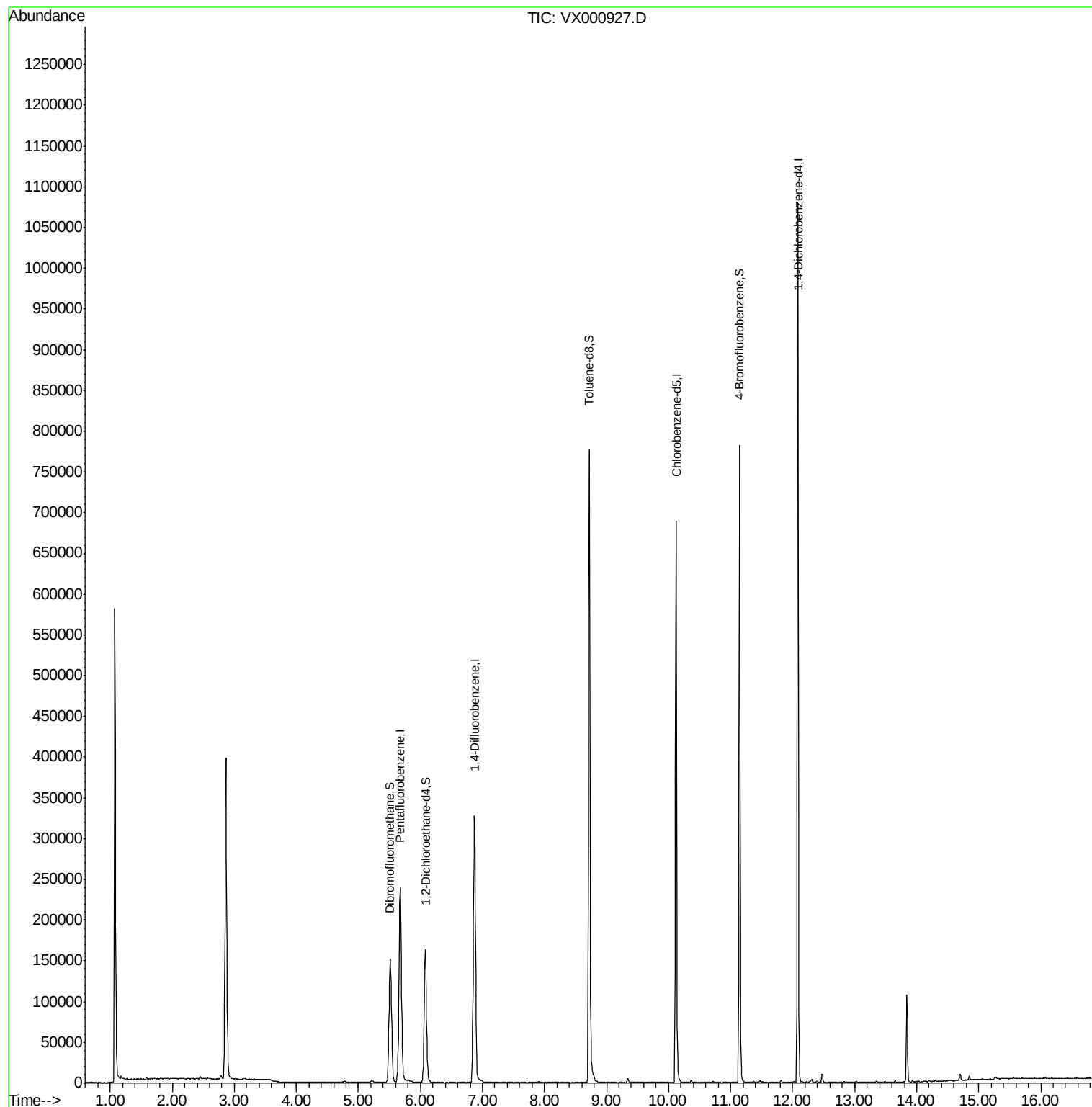
Target Compounds	Qvalue
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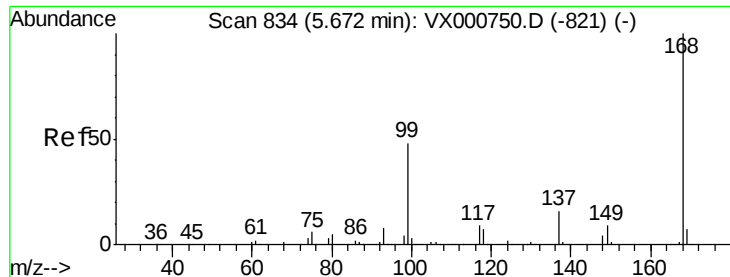
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000927.D

Acq: 16 Apr 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

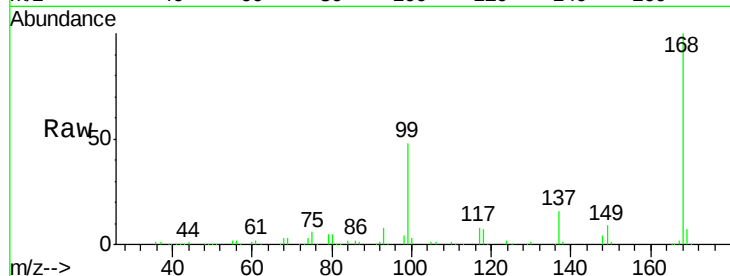
CG

Tot Ion:168 Resp: 258476

Ion Ratio Lower Upper

168 100

99 48.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

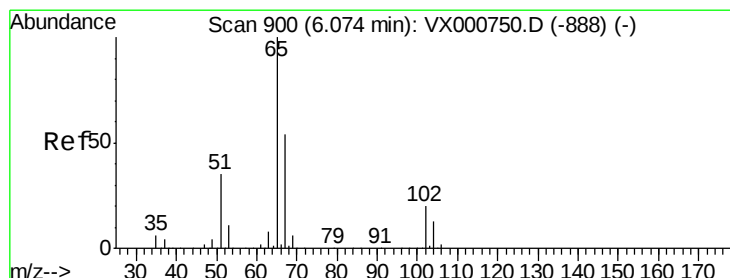
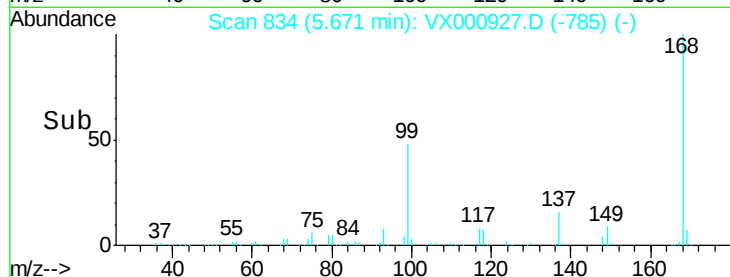
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.62 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000927.D

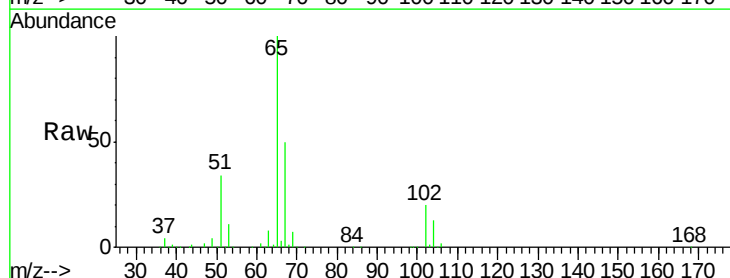
Acq: 16 Apr 2018 18:49

Tgt Ion: 65 Resp: 158452

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

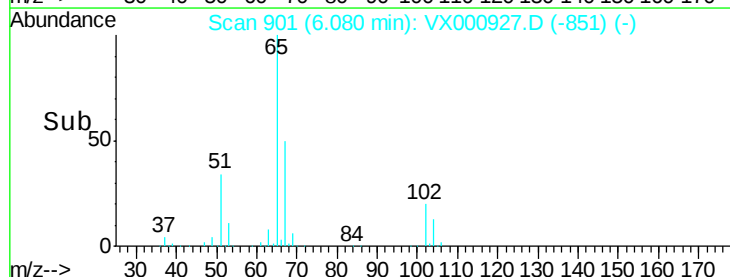
60000

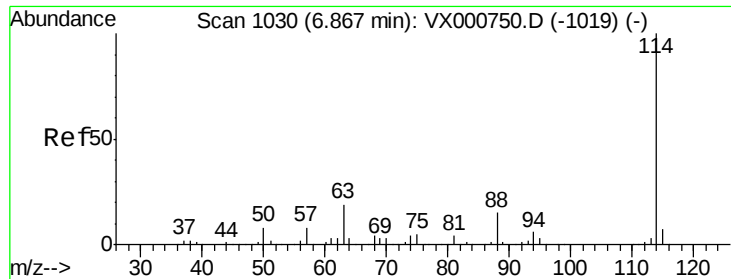
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30

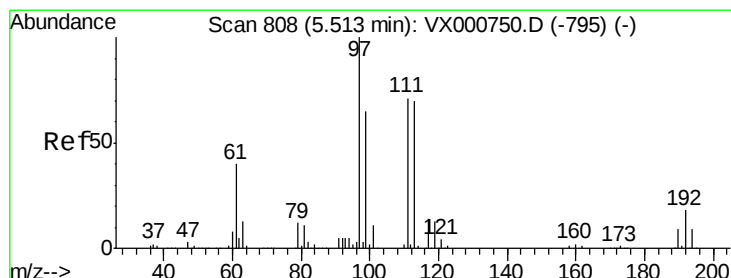
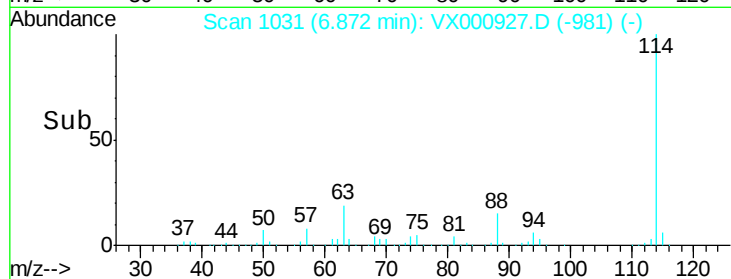
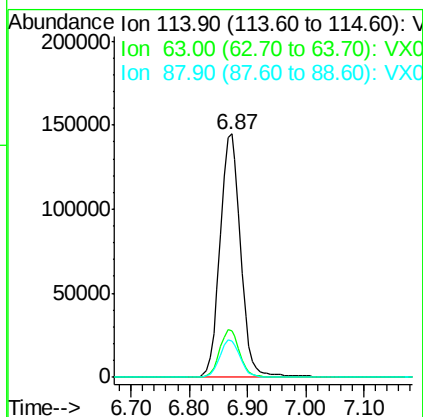
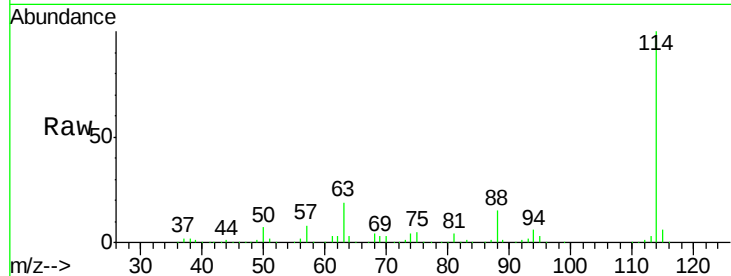




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000927.D
 Acq: 16 Apr 2018 18:49

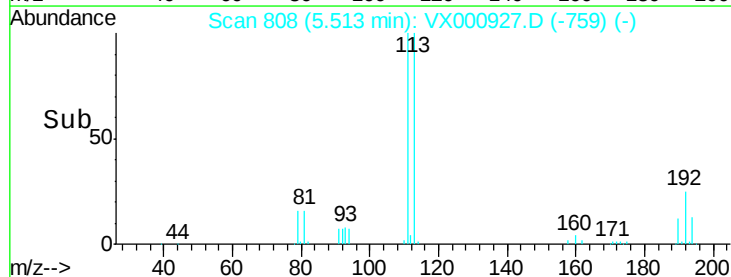
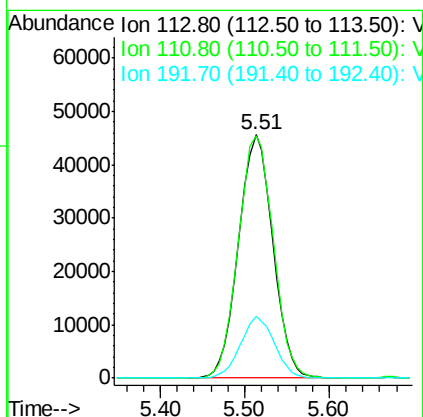
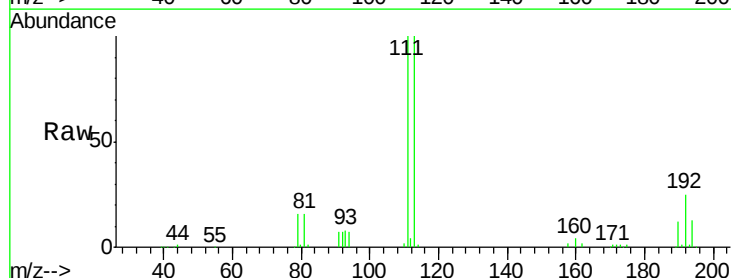
Instrument :
 MSVOA_X
 ClientSampleId :
 CG

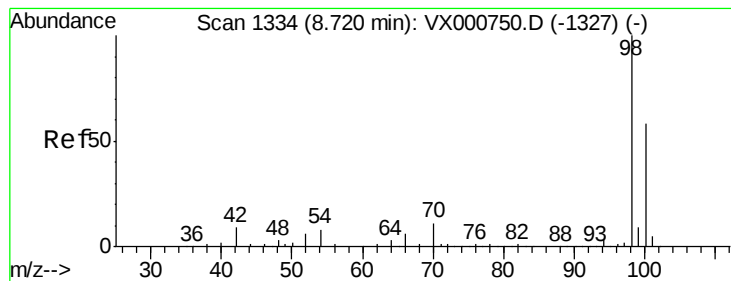
Tot Ion:114 Resp: 355818
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 15.1 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 46.00 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000927.D
 Acq: 16 Apr 2018 18:49

Tgt Ion:113 Resp: 126098
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.5 122.3
 192 25.0 20.4 30.6





#50

Toluene-d8

Concen: 48.98 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000927.D

Acq: 16 Apr 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

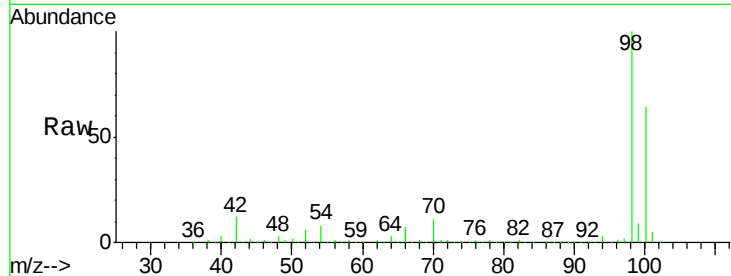
CG

Tot Ion: 98 Resp: 499925

Ion Ratio Lower Upper

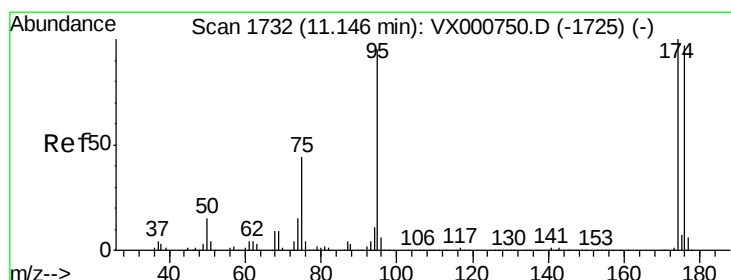
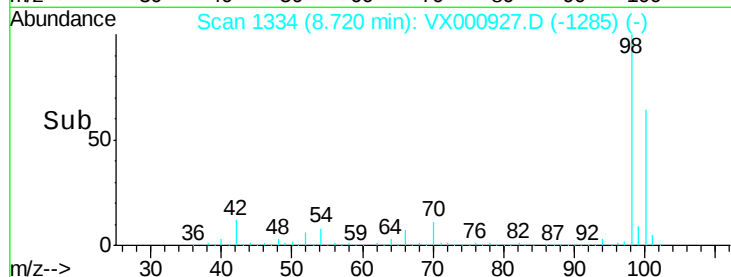
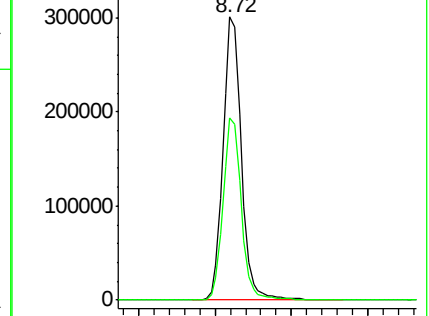
98 100

100 64.3 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.25 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000927.D

Acq: 16 Apr 2018 18:49

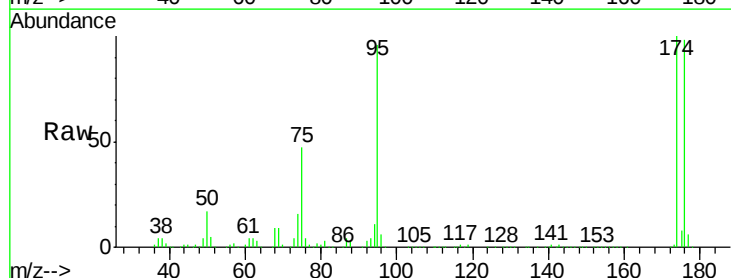
Tgt Ion: 95 Resp: 199543

Ion Ratio Lower Upper

95 100

174 98.3 0.0 198.4

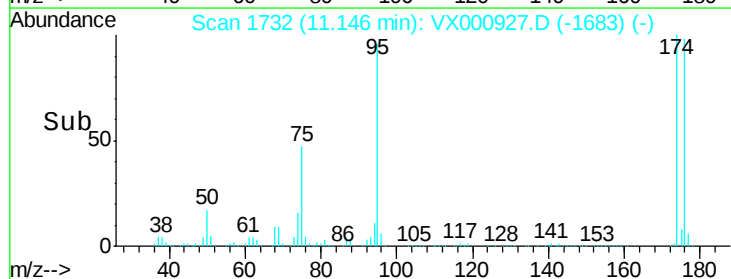
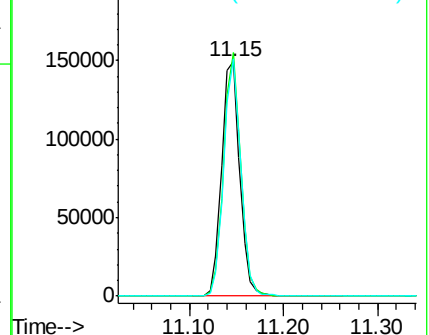
176 95.9 0.0 194.4



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





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000927.D

Acq: 16 Apr 2018 18:49

Instrument :

MSVOA_X

ClientSampleId :

CG

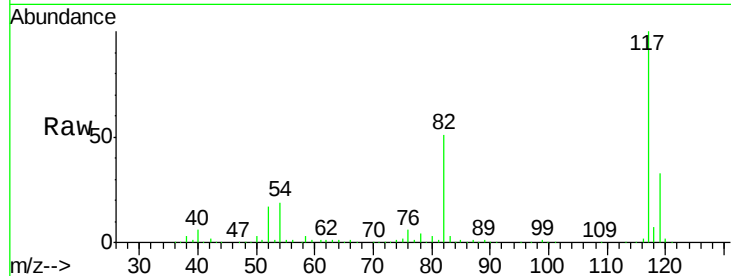
Tot Ion:117 Resp: 336882

Ion Ratio Lower Upper

117 100

82 50.6 41.9 62.9

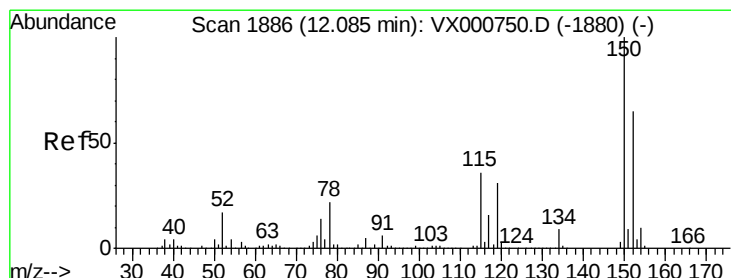
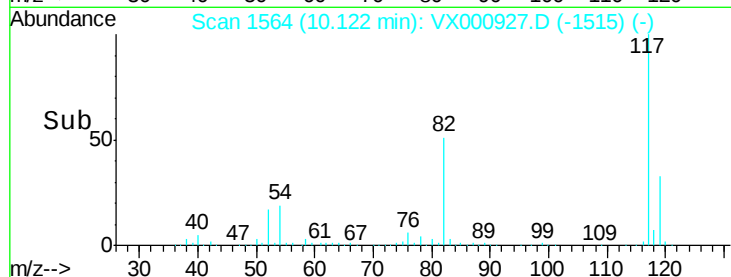
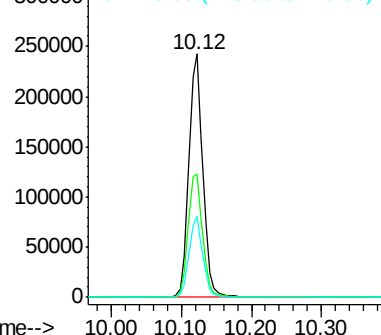
119 33.1 26.0 39.0



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# 1886

Delta R.T. -0.00 min

Lab File: VX000927.D

Acq: 16 Apr 2018 18:49

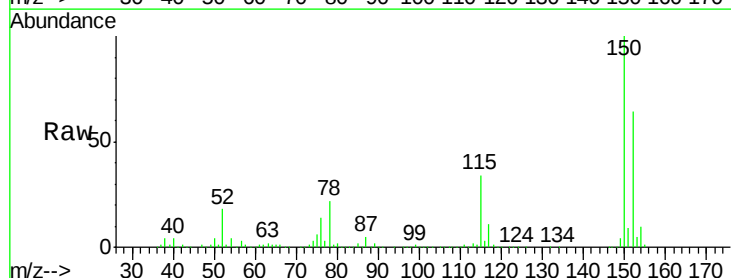
Tgt Ion:152 Resp: 230582

Ion Ratio Lower Upper

152 100

115 53.5 37.9 113.7

150 156.3 0.0 348.0



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

