

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041619\
 Data File : VX008990.D
 Acq On : 16 Apr 2019 16:14
 Operator : JC/SP
 Sample : K2347-03
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BCOG03

Quant Time: Apr 17 09:36:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 14:18:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	216831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	348279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157579	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	141335	46.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.50%	
35) Dibromofluoromethane	5.50	113	97526	43.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.26%	
50) Toluene-d8	8.71	98	436054	48.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.14	95	164679	52.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.66%	

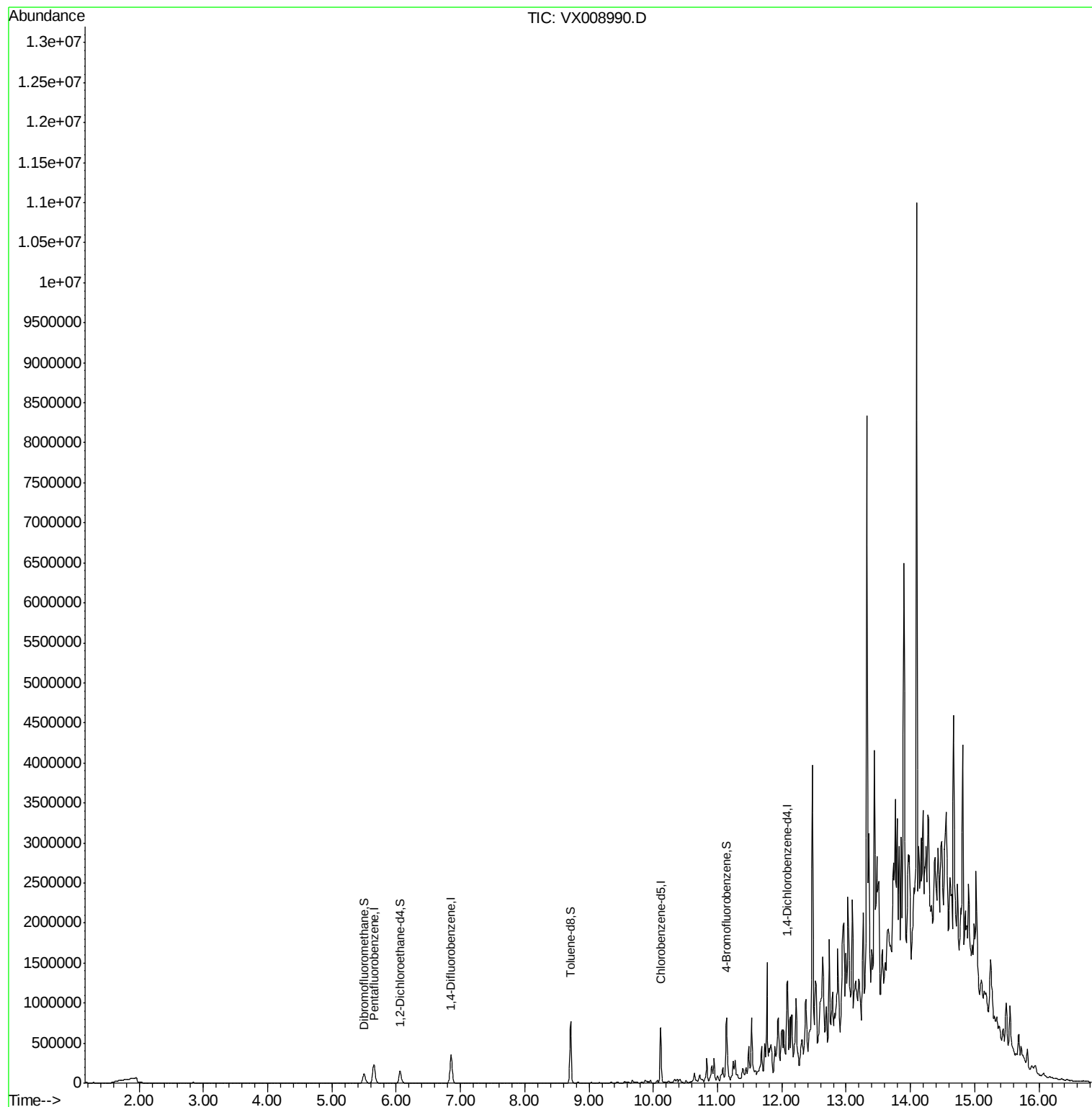
Target Compounds	Qvalue
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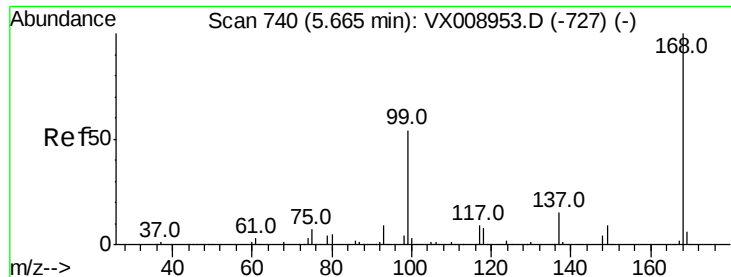
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008990.D

Acq: 16 Apr 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

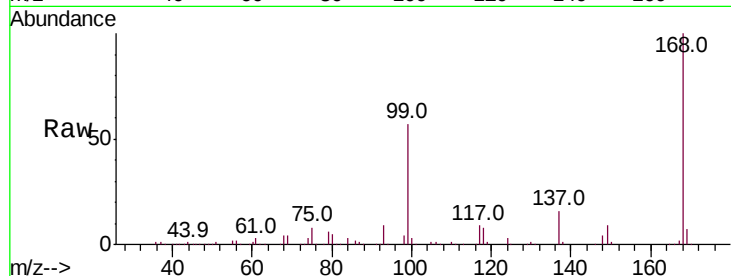
BCOG03

Tot Ion:168 Resp: 216831

Ion Ratio Lower Upper

168 100

99 56.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

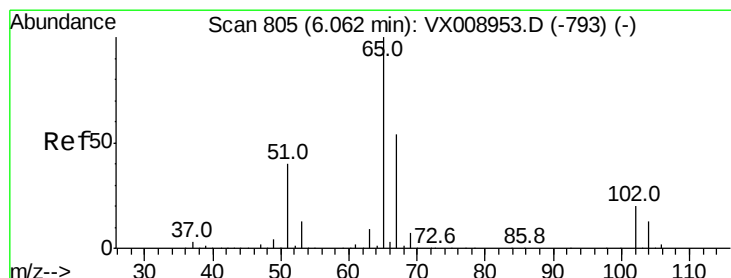
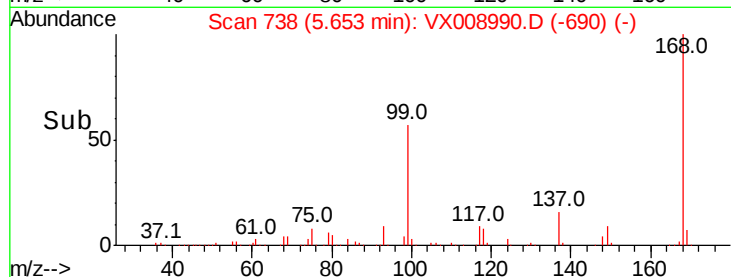
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.252 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008990.D

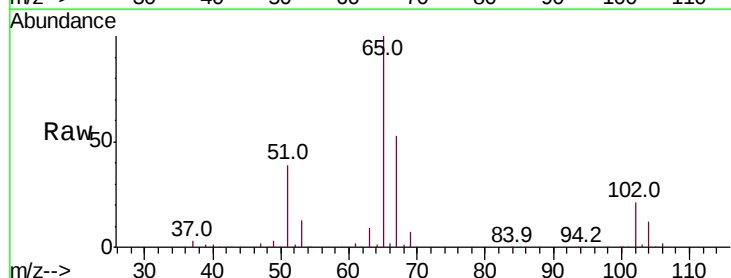
Acq: 16 Apr 2019 16:14

Tgt Ion: 65 Resp: 141335

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.2



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

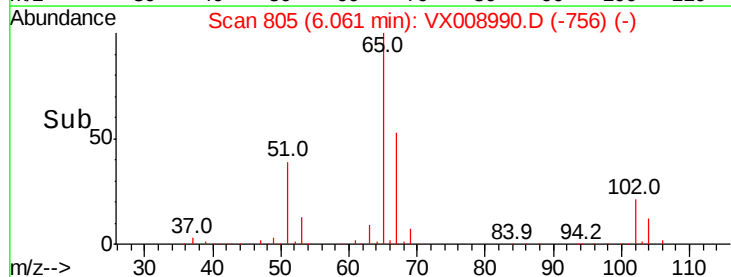
20000

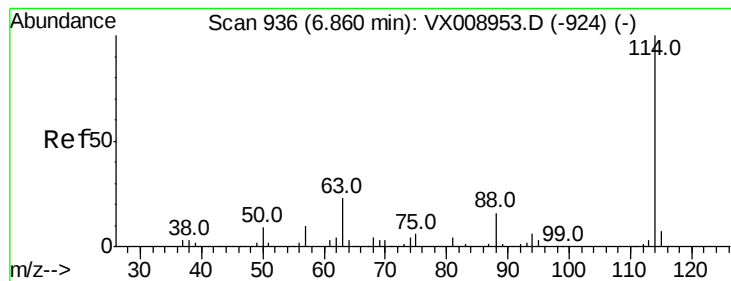
10000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008990.D

Acq: 16 Apr 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

BCOG03

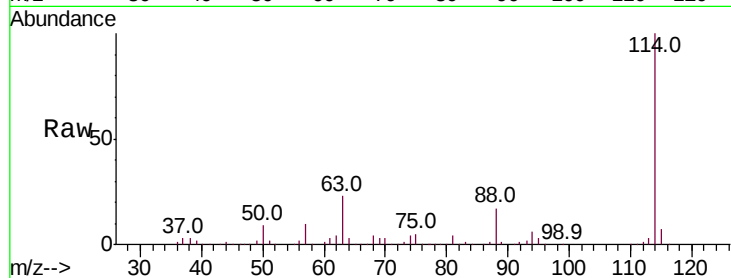
Tot Ion:114 Resp: 348279

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.2

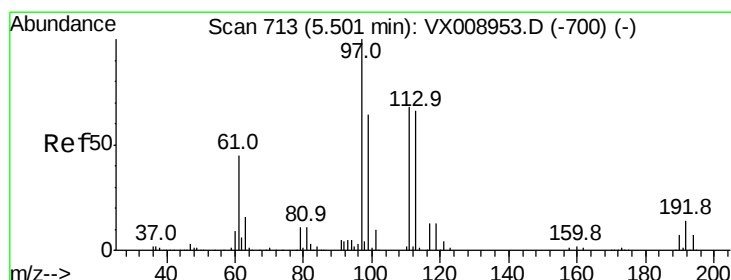
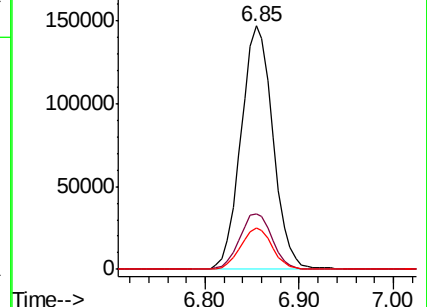
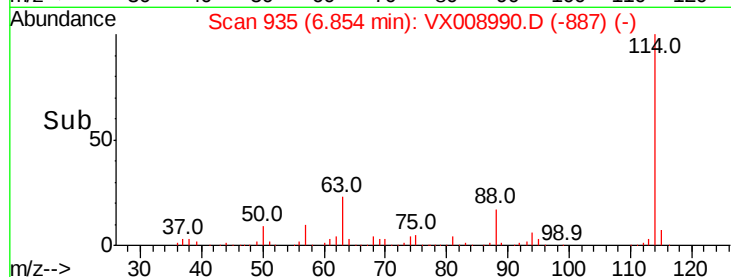
88 16.9 0.0 34.0



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: 43.632 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008990.D

Acq: 16 Apr 2019 16:14

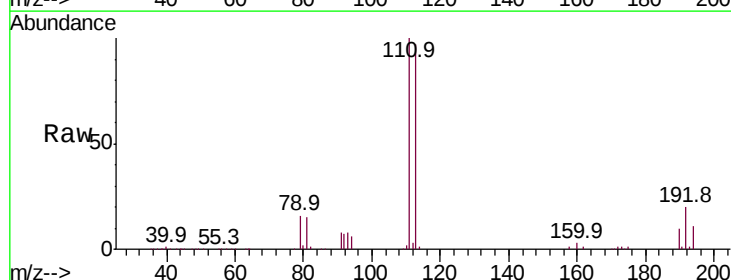
Tgt Ion:113 Resp: 97526

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

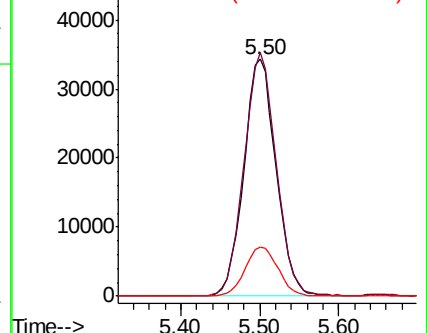
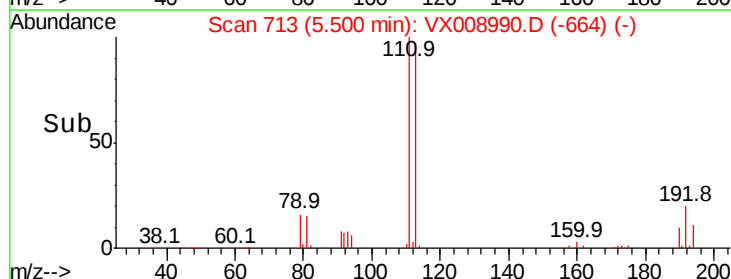
192 21.2 16.1 24.1

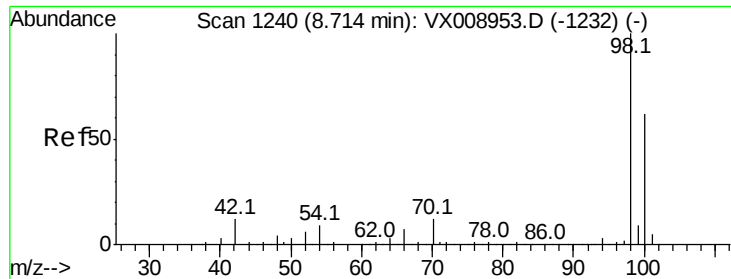


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.918 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008990.D

Acq: 16 Apr 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

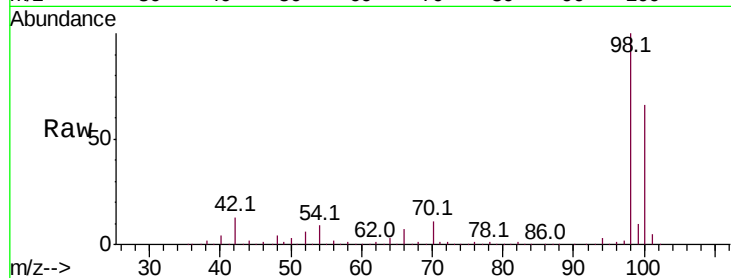
BCOG03

Tot Ion: 98 Resp: 436054

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

300000

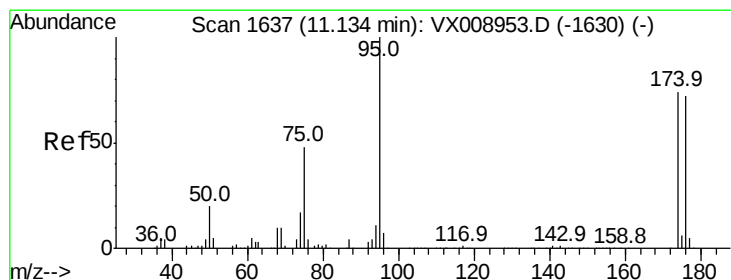
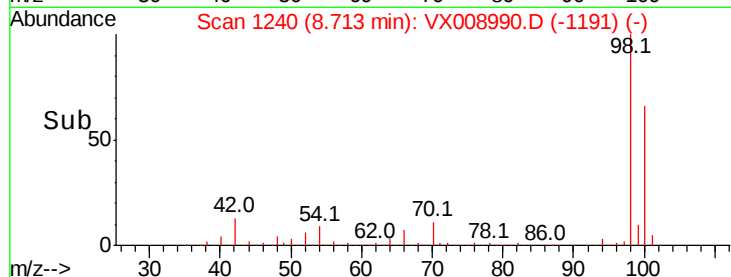
200000

100000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 52.335 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008990.D

Acq: 16 Apr 2019 16:14

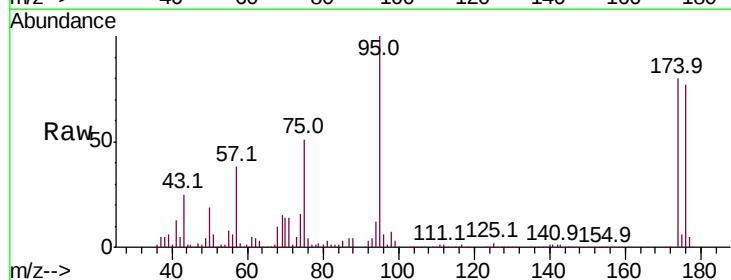
Tgt Ion: 95 Resp: 164679

Ion Ratio Lower Upper

95 100

174 78.5 0.0 151.8

176 76.1 0.0 145.8



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

150000

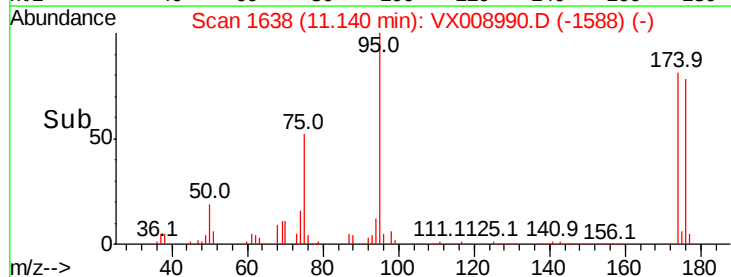
100000

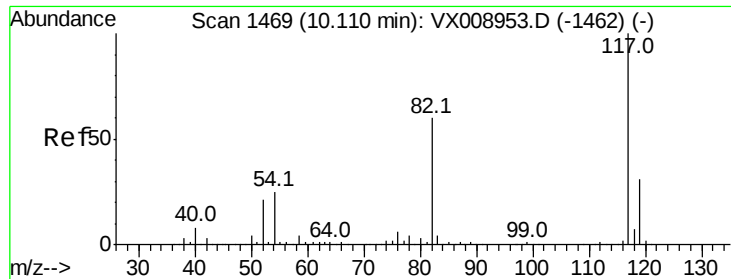
50000

0

11.05 11.10 11.15

Time-->

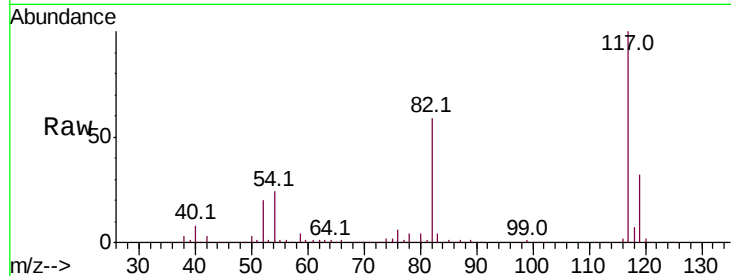




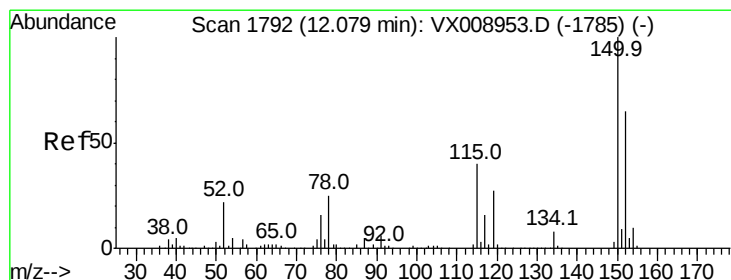
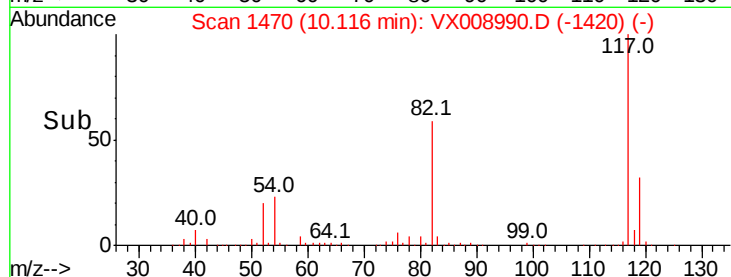
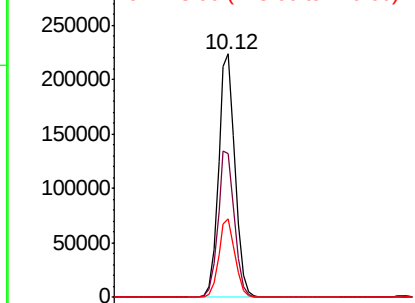
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008990.D
Acq: 16 Apr 2019 16:14

Instrument :
MSVOA_X
ClientSampled :
BCOG03

Tot Ion:117 Resp: 315507
Ion Ratio Lower Upper
117 100
82 58.9 49.6 74.4
119 32.3 25.0 37.4

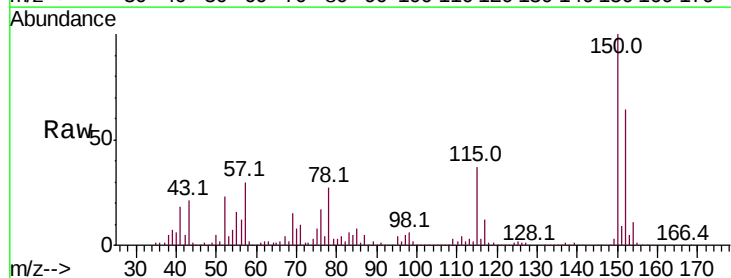


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008990.D
Acq: 16 Apr 2019 16:14

Tgt Ion:152 Resp: 157579
Ion Ratio Lower Upper
152 100
115 58.7 43.5 130.5
150 156.6 0.0 348.8



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

