

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008115.D
 Acq On : 15 Mar 2019 19:30
 Operator : JC/SP
 Sample : K1856-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB01-20190310

Quant Time: Mar 16 10:59:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	390560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186960	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	130730	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
35) Dibromofluoromethane	5.51	113	126691	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
50) Toluene-d8	8.71	98	471651	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	172861	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	

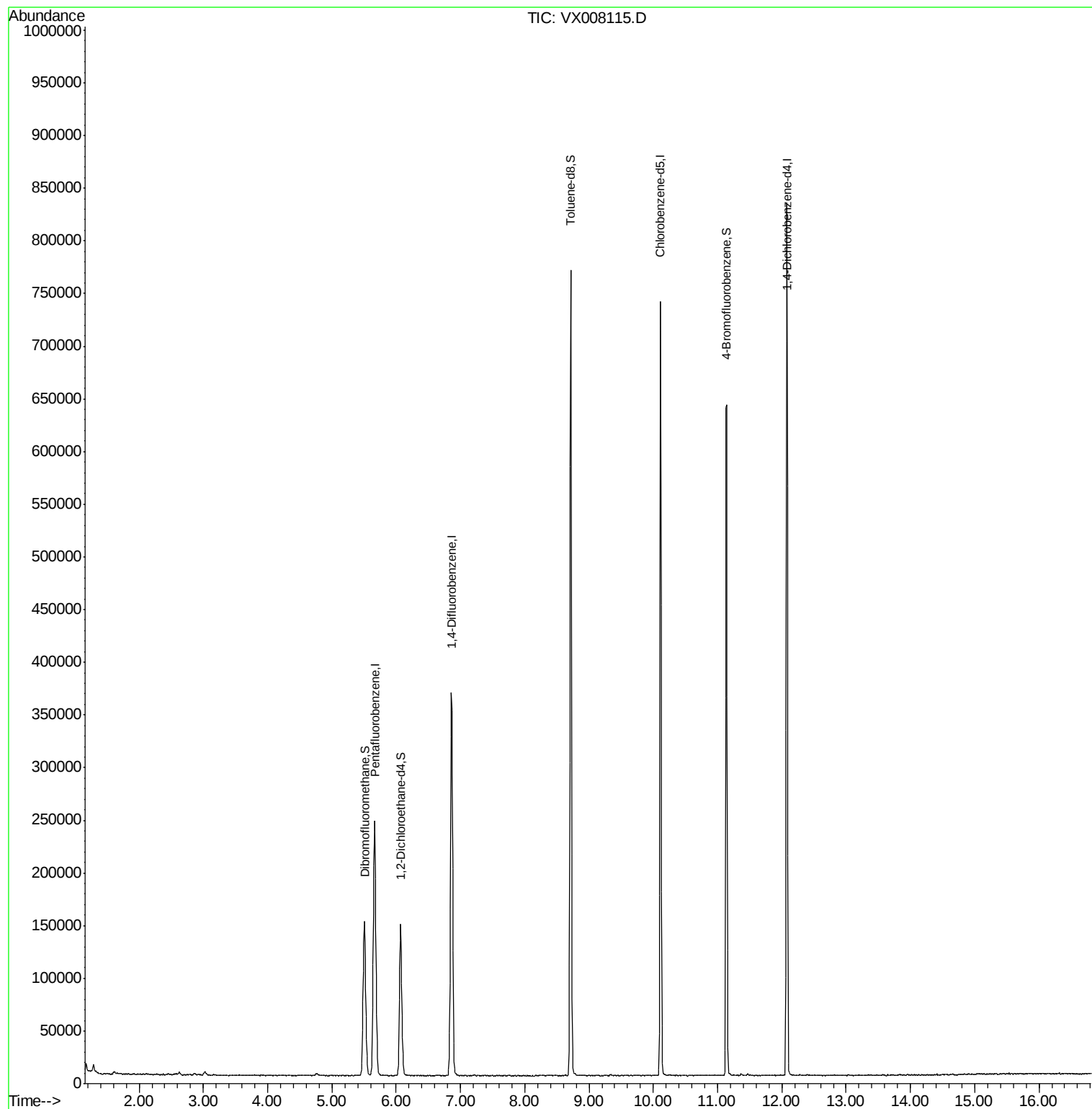
Target Compounds	Qvalue
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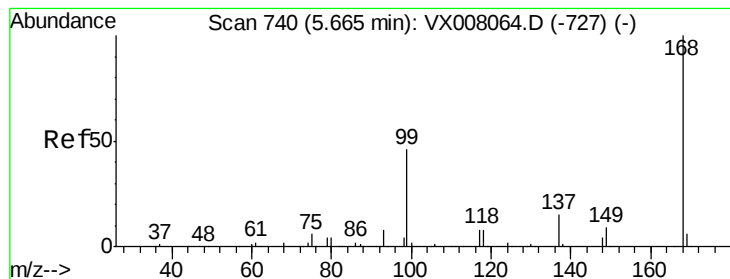
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008115.D

Acq: 15 Mar 2019 19:30

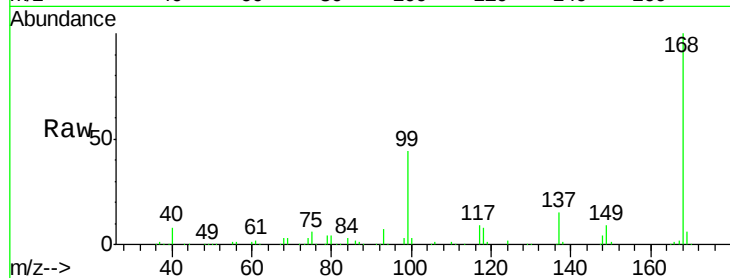
Instrument :
MSVOA_X
ClientSampleId :
BP-TB01-20190310

Tot Ion:168 Resp: 261377

Ion Ratio Lower Upper

168 100

99 44.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

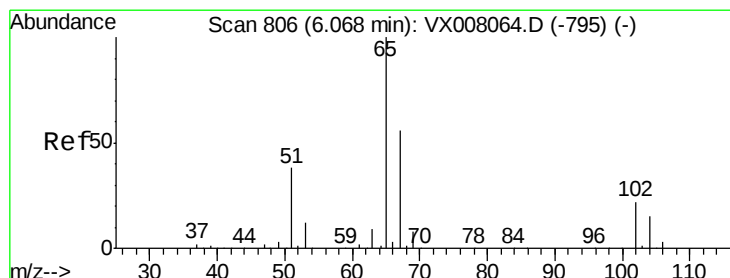
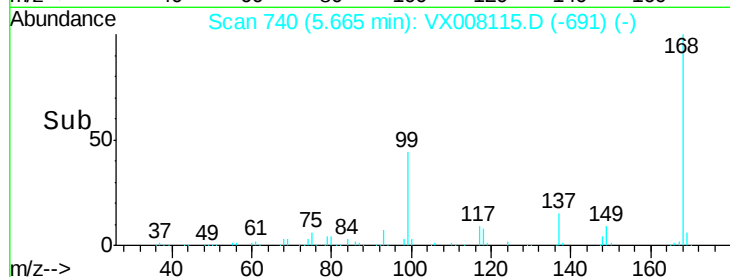
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.582 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008115.D

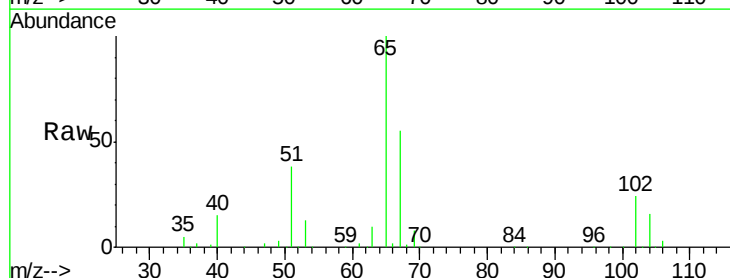
Acq: 15 Mar 2019 19:30

Tgt Ion: 65 Resp: 130730

Ion Ratio Lower Upper

65 100

67 53.9 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

50000

40000

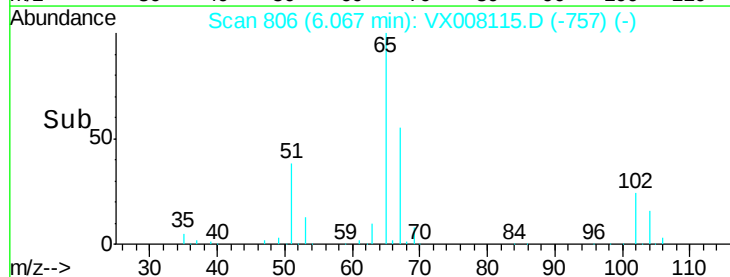
30000

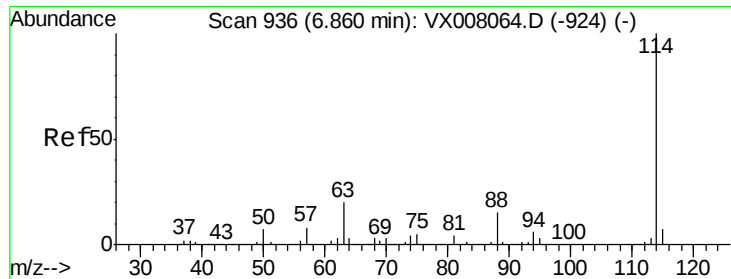
20000

10000

0

Time--> 6.00 6.10 6.20

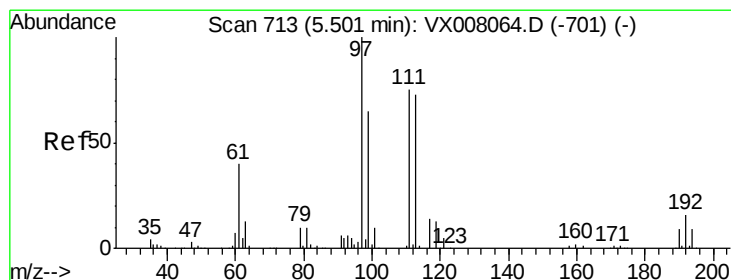
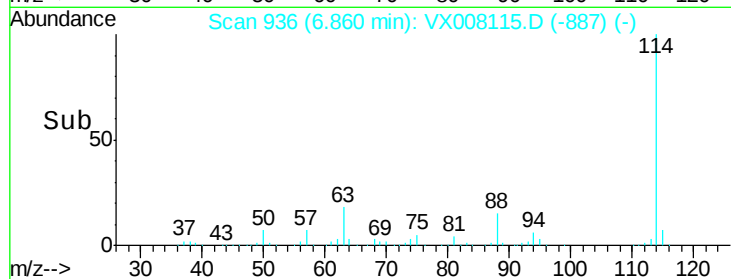
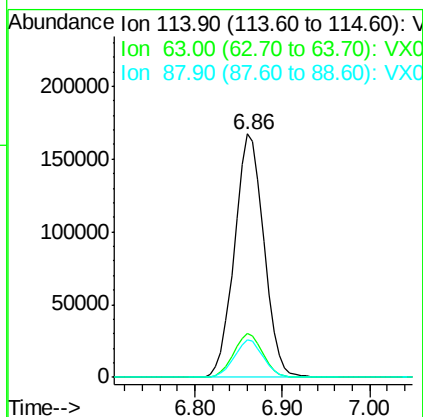
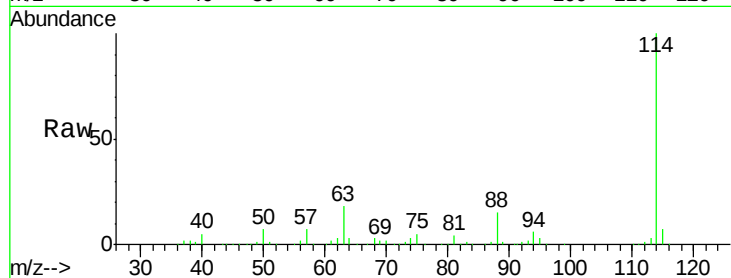




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008115.D
 Acq: 15 Mar 2019 19:30

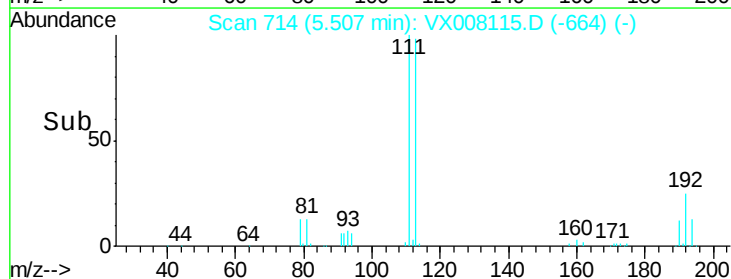
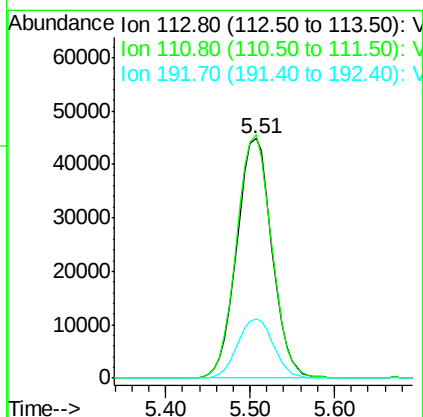
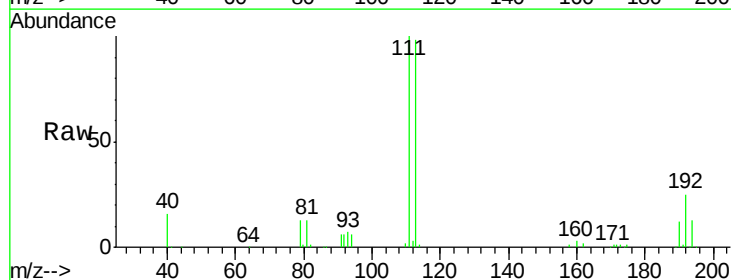
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB01-20190310

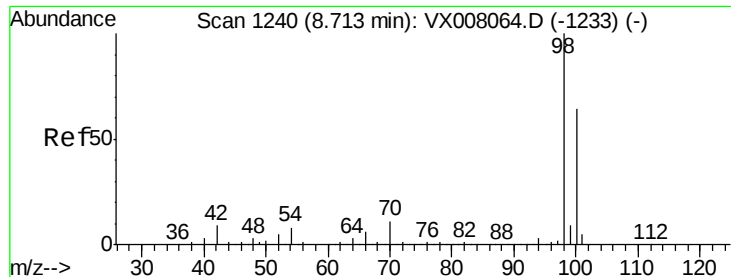
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.8
88	15.3	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 51.153 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX008115.D
 Acq: 15 Mar 2019 19:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	25.2	19.4	29.0





#50

Toluene-d8

Concen: 50.071 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008115.D

Acq: 15 Mar 2019 19:30

Instrument :

MSVOA_X

ClientSampleId :

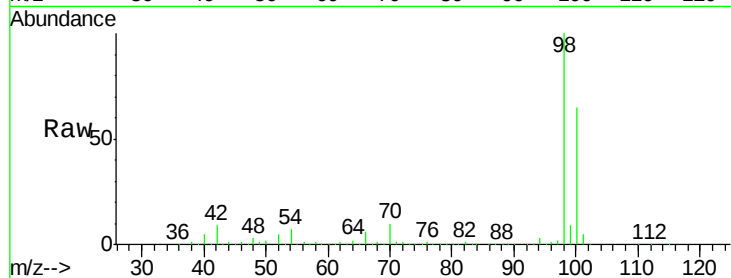
BP-TB01-20190310

Tot Ion: 98 Resp: 471651

Ion Ratio Lower Upper

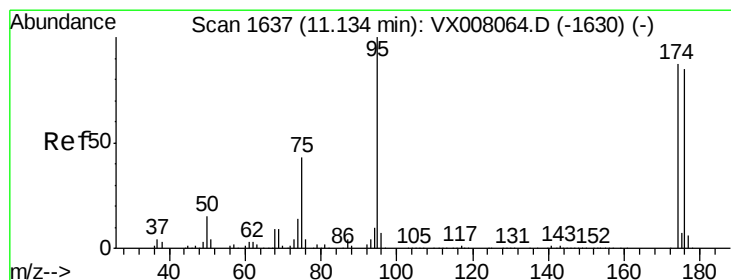
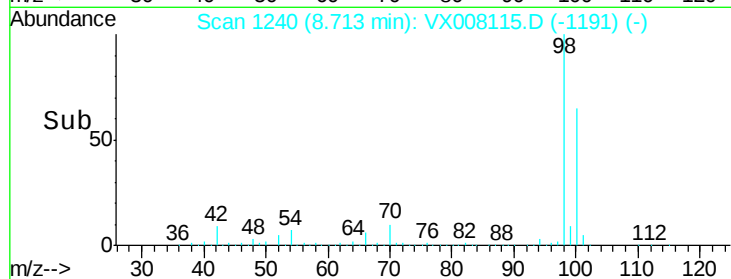
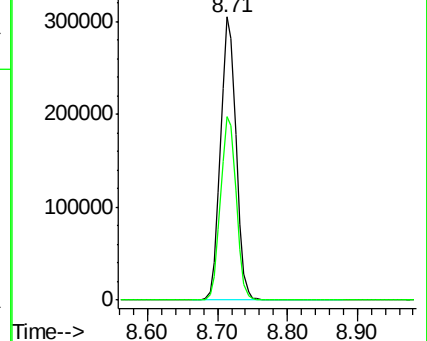
98 100

100 65.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 51.226 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008115.D

Acq: 15 Mar 2019 19:30

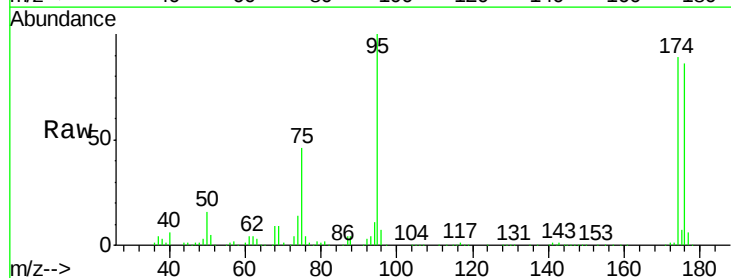
Tgt Ion: 95 Resp: 172861

Ion Ratio Lower Upper

95 100

174 97.9 0.0 182.8

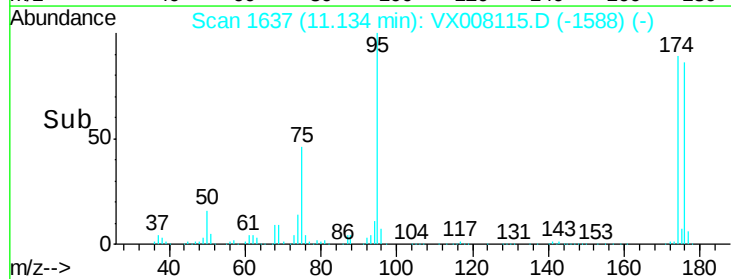
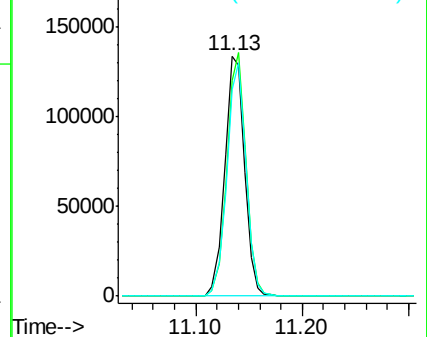
176 94.4 0.0 178.0

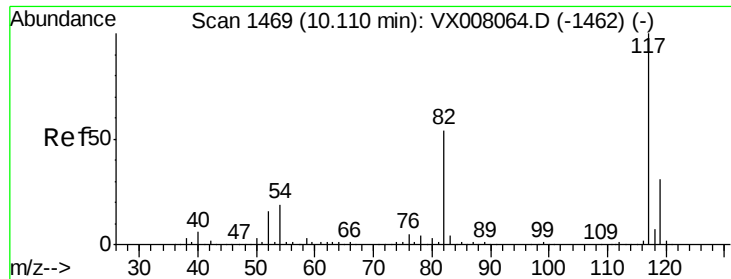


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

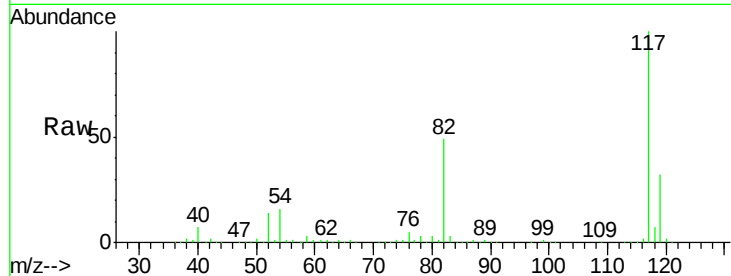




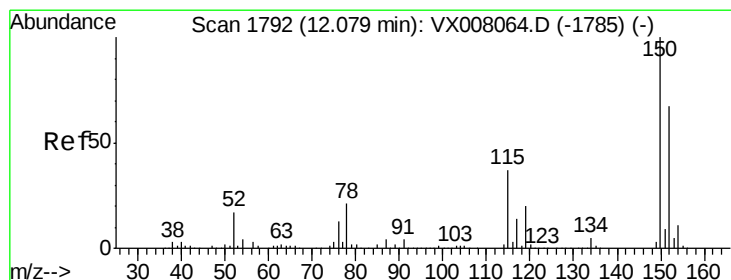
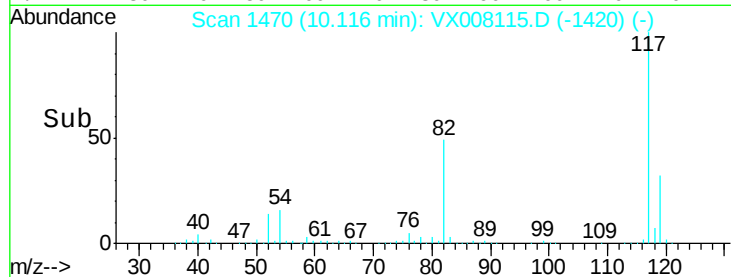
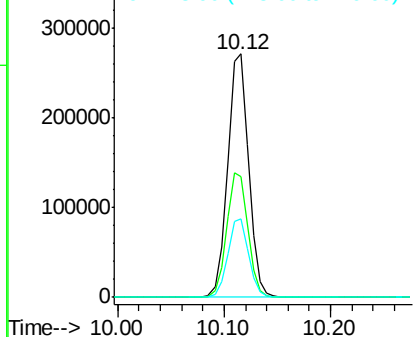
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008115.D
Acq: 15 Mar 2019 19:30

Instrument :
MSVOA_X
ClientSampleId :
BP-TB01-20190310

Tot Ion:117 Resp: 375117
Ion Ratio Lower Upper
117 100
82 49.5 44.3 66.5
119 32.2 25.3 37.9

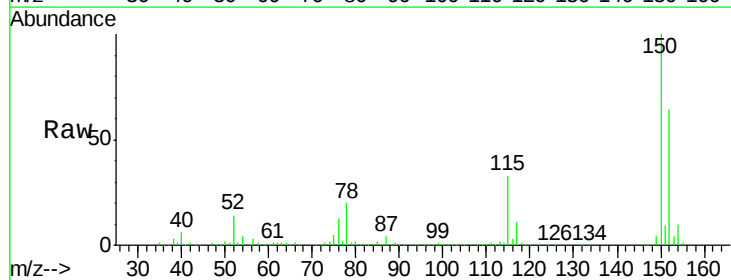


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008115.D
Acq: 15 Mar 2019 19:30

Tgt Ion:152 Resp: 186960
Ion Ratio Lower Upper
152 100
115 54.0 38.6 115.7
150 157.3 0.0 348.4



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

