

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO060519\
 Data File : VX010079.D
 Acq On : 05 Jun 2019 16:04
 Operator : JC/SP
 Sample : K3190-10 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP01-20190603

Quant Time: Jun 06 07:04:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	168050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	266944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111983	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	109907	46.30	ug/l	0.00
Spiked Amount			Recovery	=	92.60%	
35) Dibromofluoromethane	5.50	113	80781	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
50) Toluene-d8	8.71	98	339861	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.13	95	119988	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	

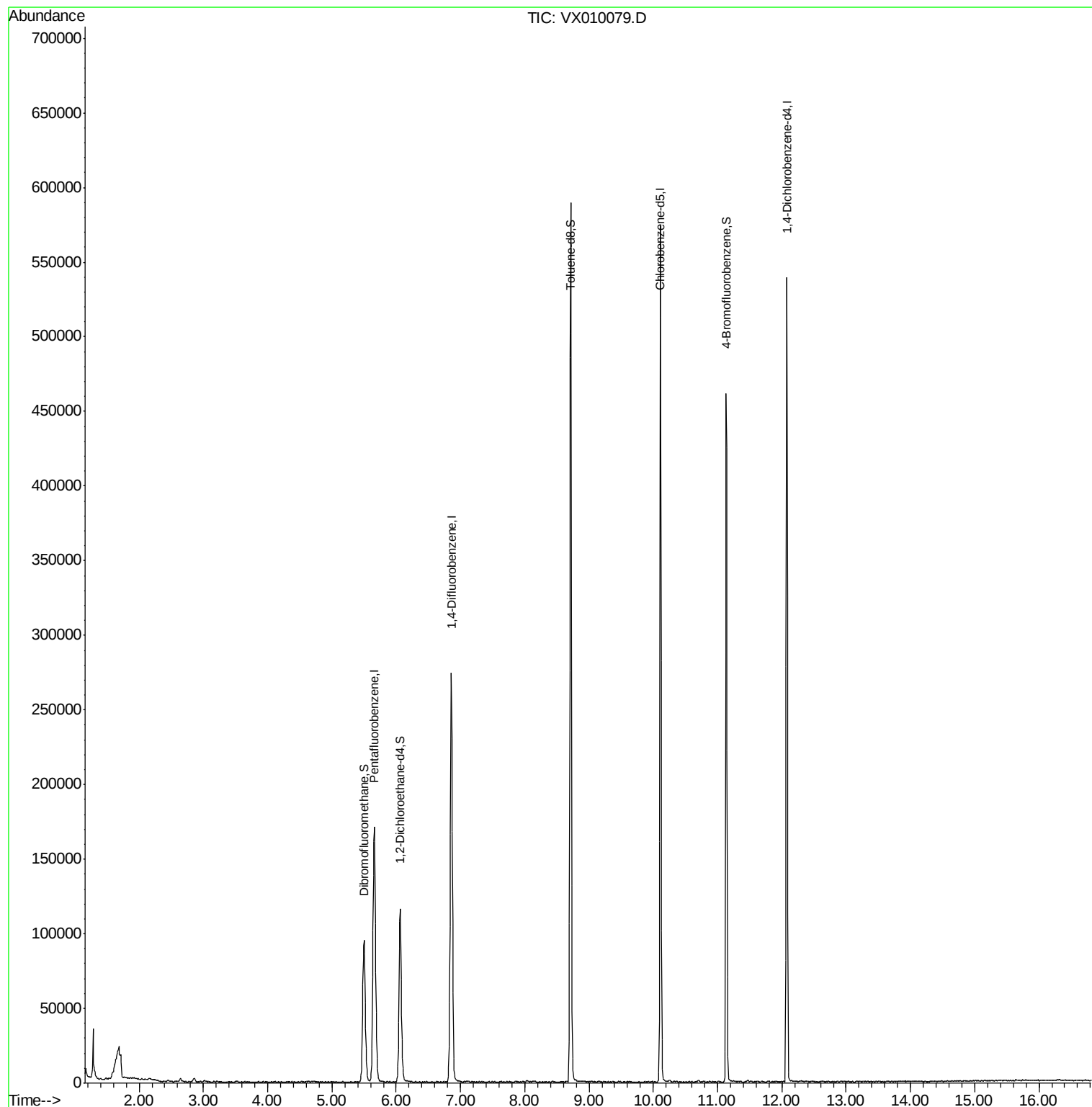
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010079.D

Acq: 05 Jun 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

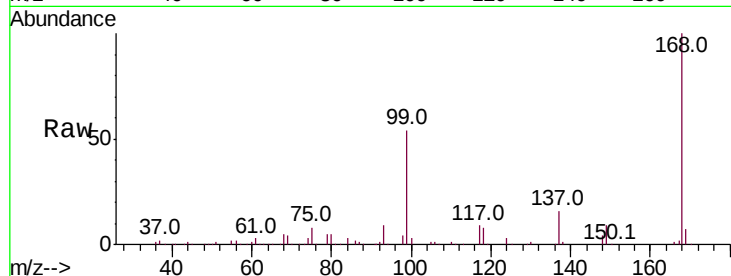
BP-DUP01-20190603

Tot Ion:168 Resp: 168050

Ion Ratio Lower Upper

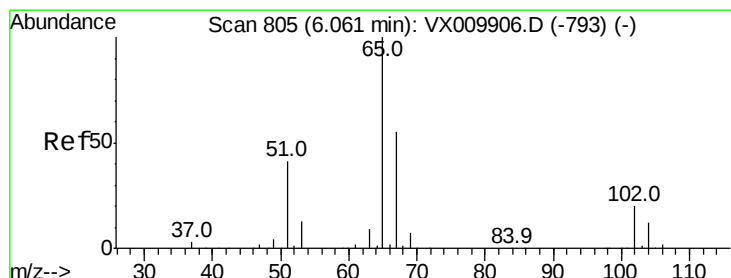
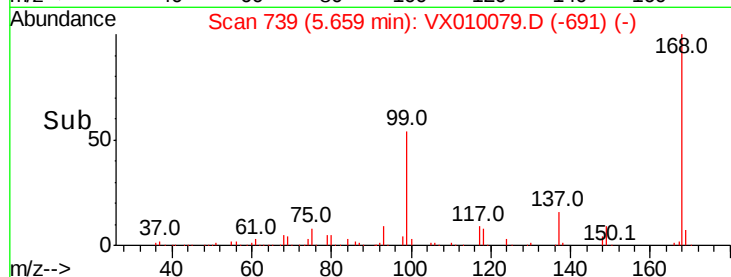
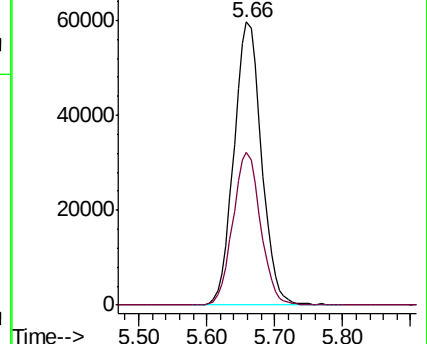
168 100

99 53.9 43.0 64.6



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: 46.299 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010079.D

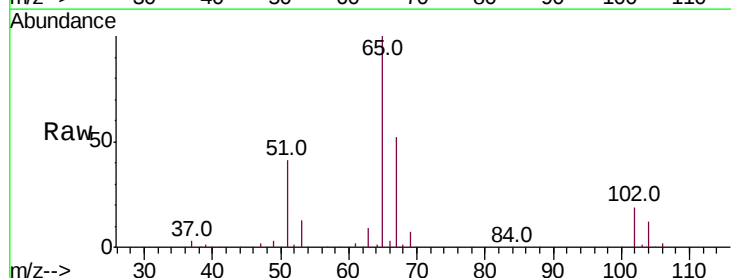
Acq: 05 Jun 2019 16:04

Tgt Ion: 65 Resp: 109907

Ion Ratio Lower Upper

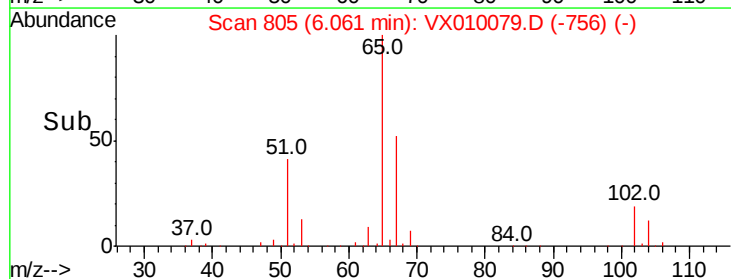
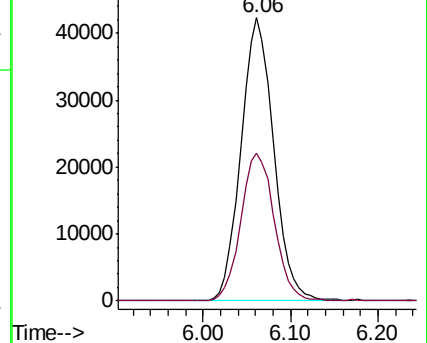
65 100

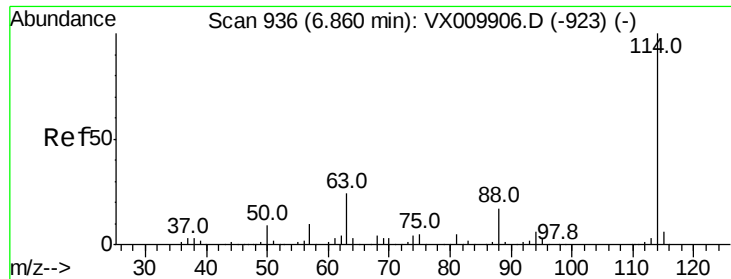
67 53.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

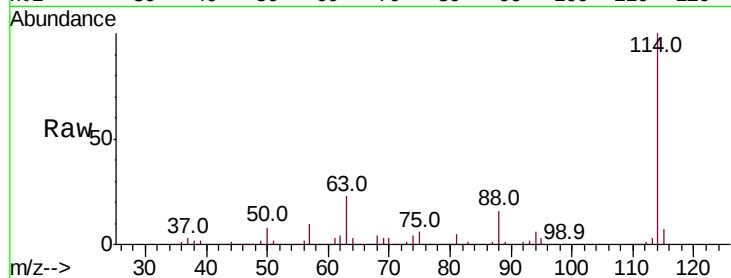




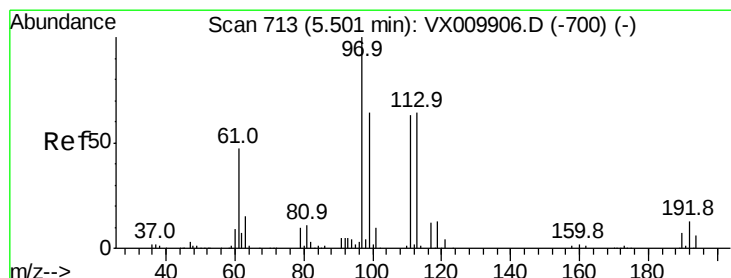
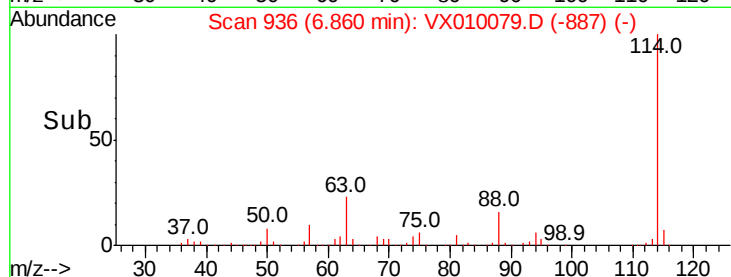
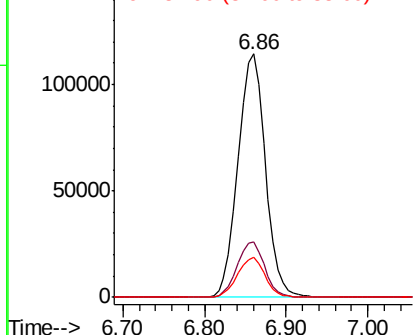
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010079.D
 Acq: 05 Jun 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP01-20190603

Tot Ion:114 Resp: 266944
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 47.4
 88 16.3 0.0 33.0

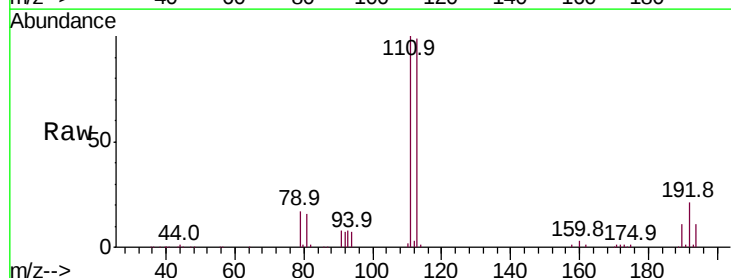


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

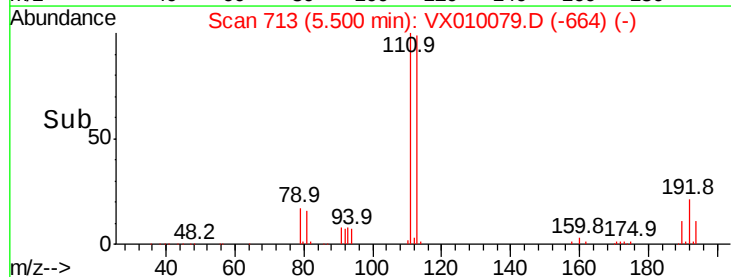
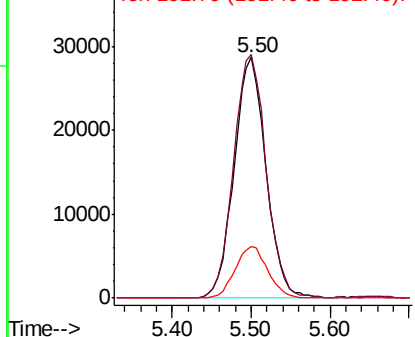


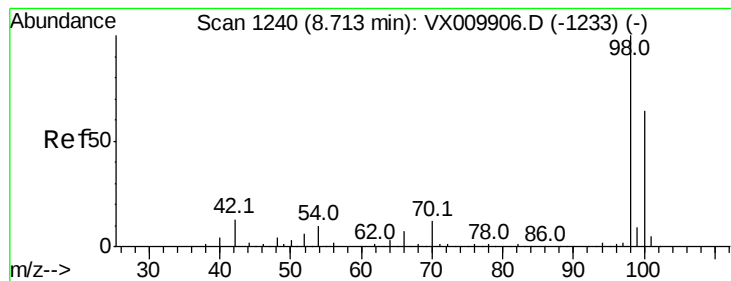
#35
 Dibromofluoromethane
 Concen: 48.133 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010079.D
 Acq: 05 Jun 2019 16:04

Tgt Ion:113 Resp: 80781
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 21.9 17.1 25.7



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





#50

Toluene-d8

Concen: 49.869 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010079.D

Acq: 05 Jun 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

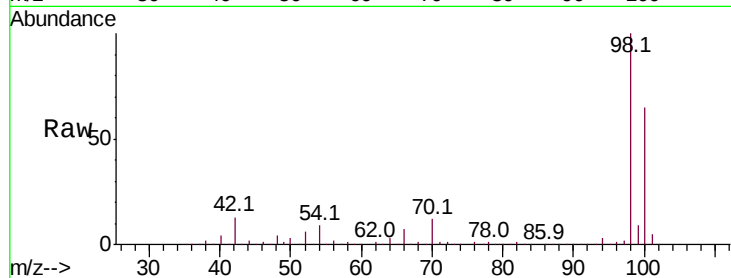
BP-DUP01-20190603

Tot Ion: 98 Resp: 339861

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

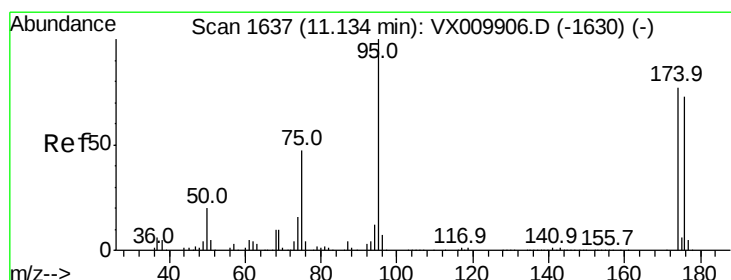
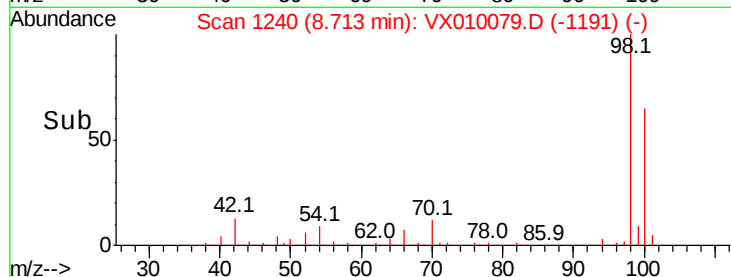
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 49.017 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010079.D

Acq: 05 Jun 2019 16:04

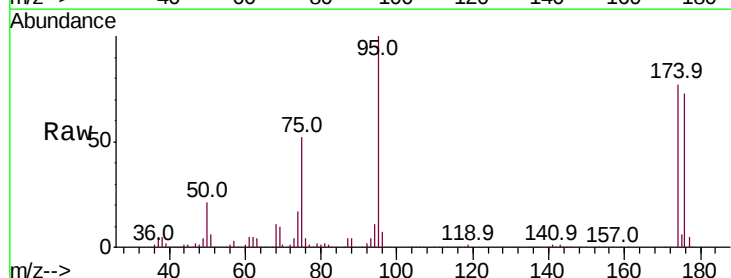
Tgt Ion: 95 Resp: 119988

Ion Ratio Lower Upper

95 100

174 83.6 0.0 160.4

176 79.8 0.0 154.6



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

120000

100000

80000

60000

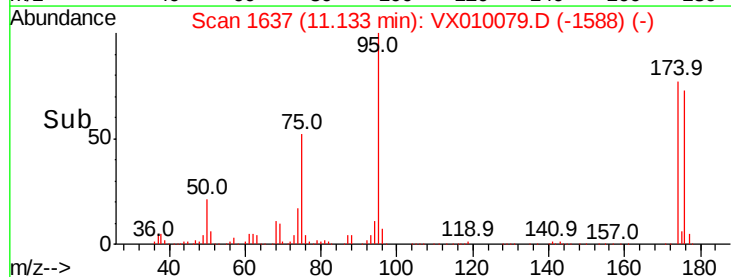
40000

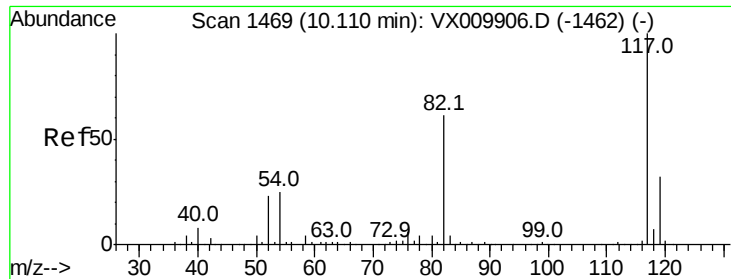
20000

0

Time-->

11.10 11.20

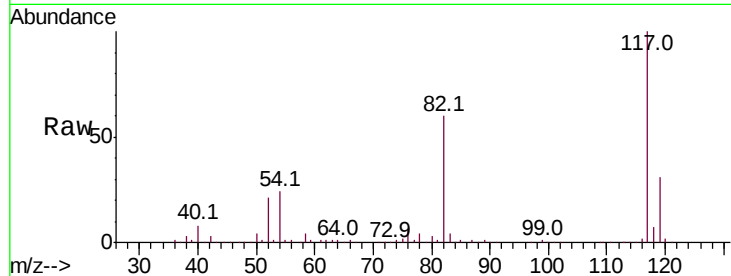




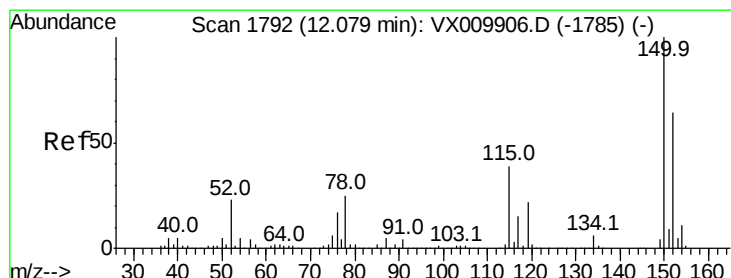
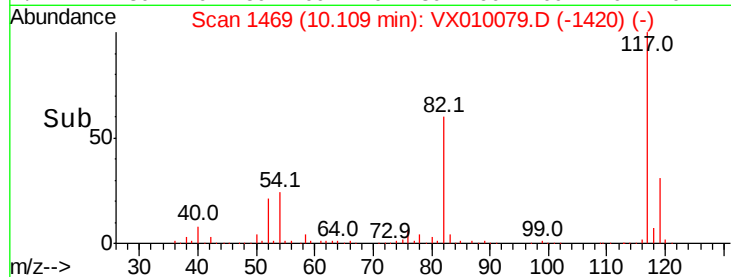
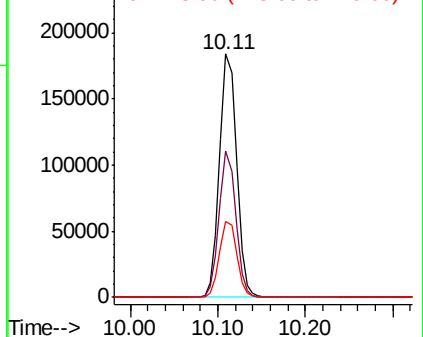
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010079.D
Acq: 05 Jun 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP01-20190603

Tot Ion:117 Resp: 249438
Ion Ratio Lower Upper
117 100
82 60.0 49.2 73.8
119 31.4 25.2 37.8

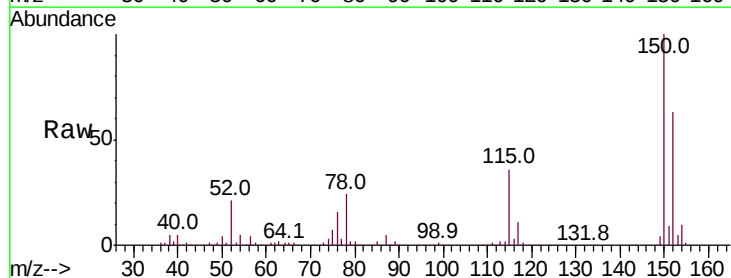


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010079.D
Acq: 05 Jun 2019 16:04

Tgt Ion:152 Resp: 111983
Ion Ratio Lower Upper
152 100
115 58.4 41.4 124.2
150 156.9 0.0 345.2



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

