

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010431.D
 Acq On : 25 Jun 2019 12:23
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 26 01:44:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	277238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	422694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	370947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161963	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129933	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	5.49	113	129161	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	8.71	98	493837	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.13	95	161548	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	

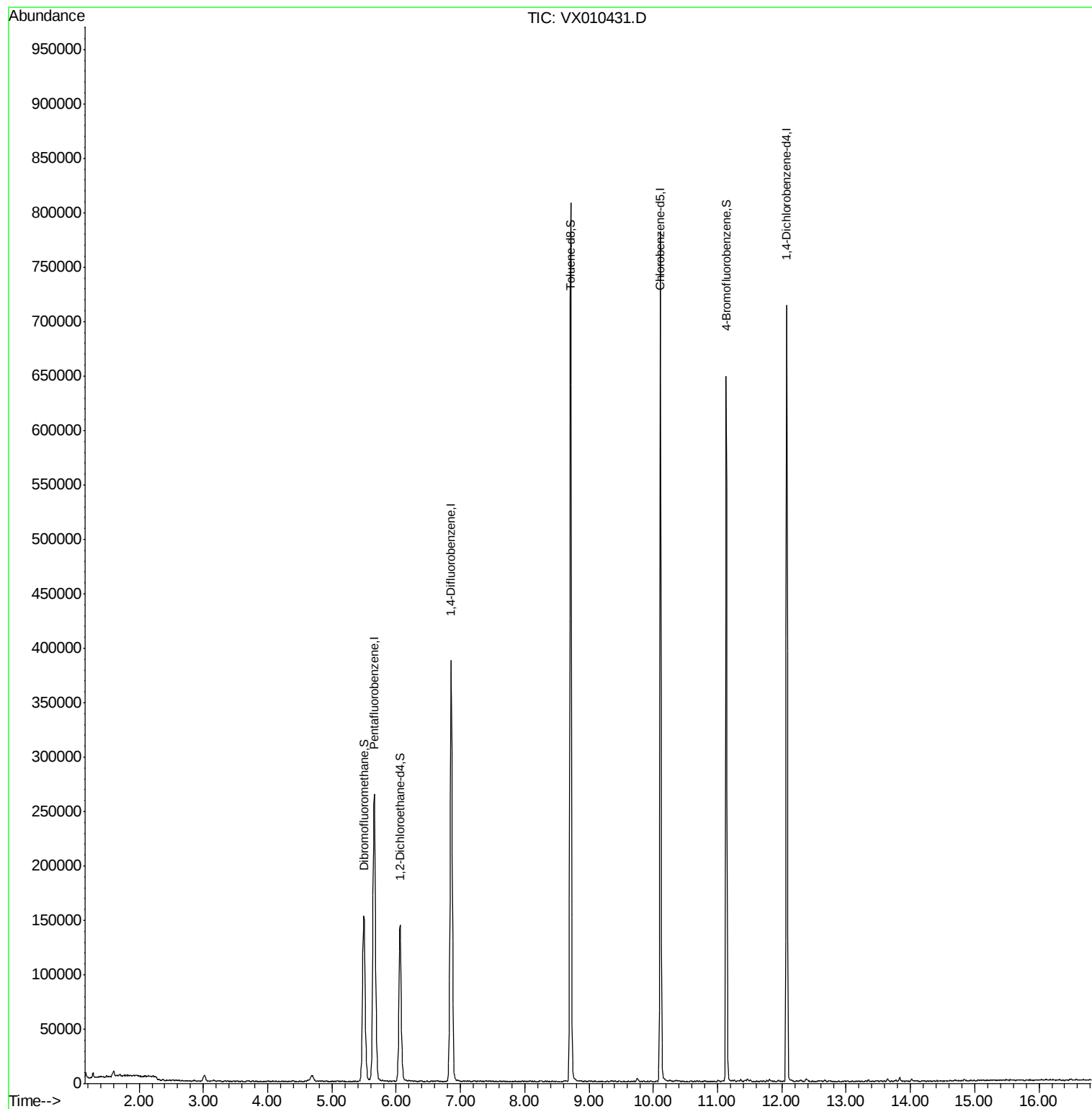
Target Compounds	Qvalue
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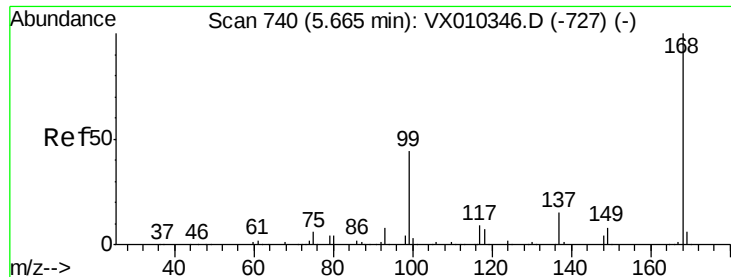
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010431.D

Acq: 25 Jun 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

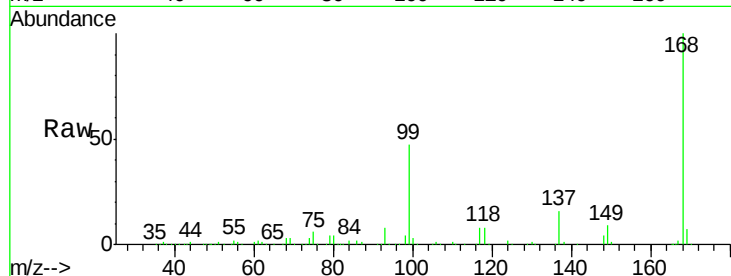
IBLK

Tot Ion:168 Resp: 277238

Ion Ratio Lower Upper

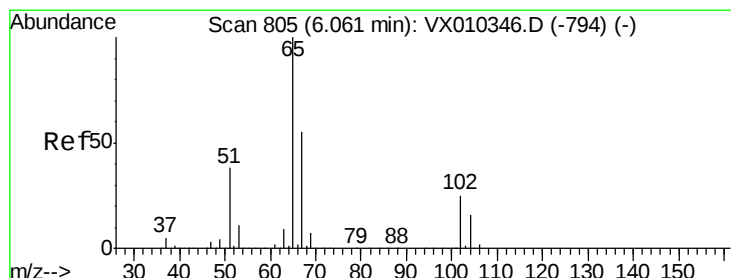
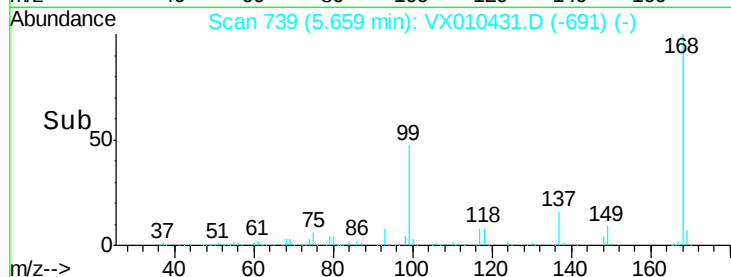
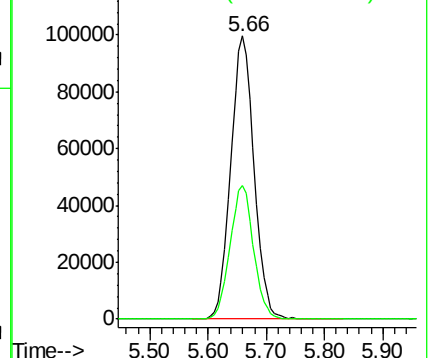
168 100

99 47.4 35.5 53.3



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: 49.986 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010431.D

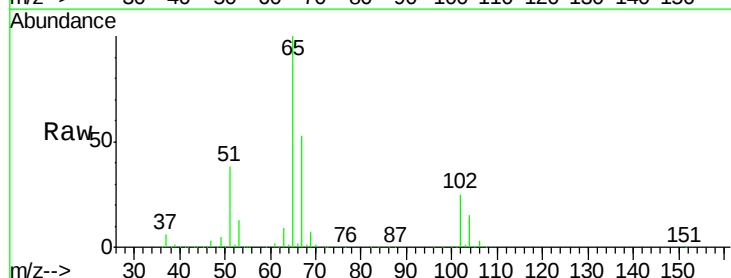
Acq: 25 Jun 2019 12:23

Tgt Ion: 65 Resp: 129933

Ion Ratio Lower Upper

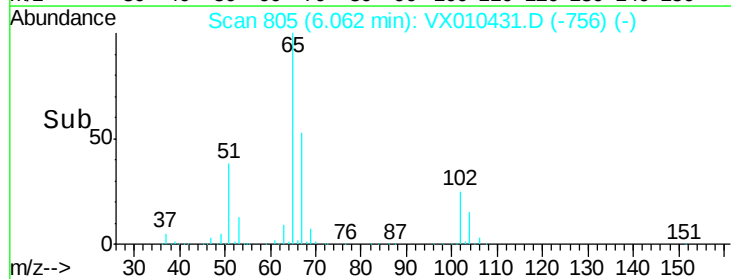
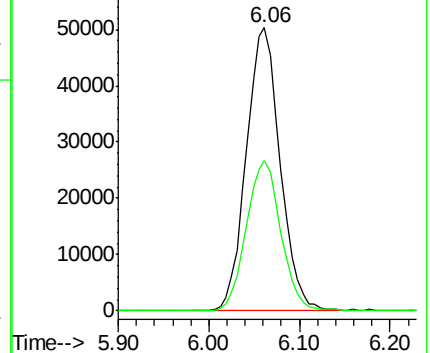
65 100

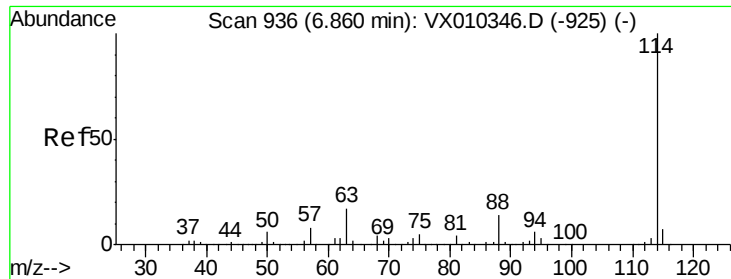
67 54.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

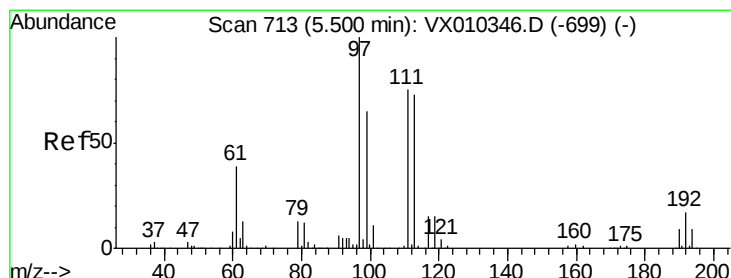
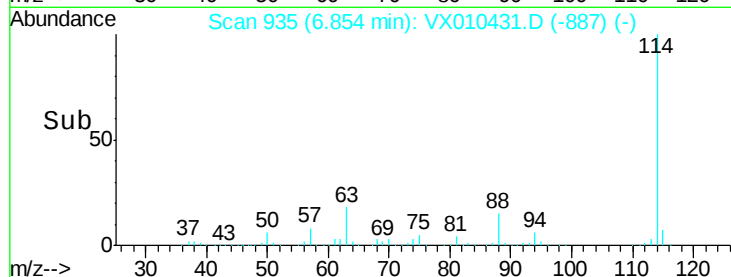
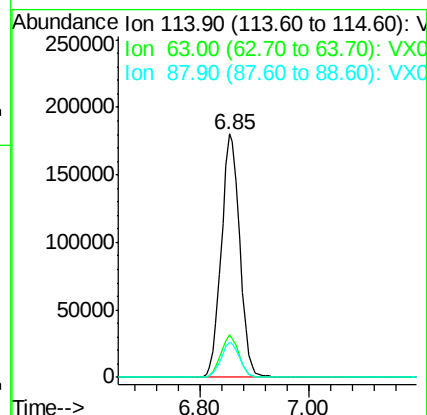
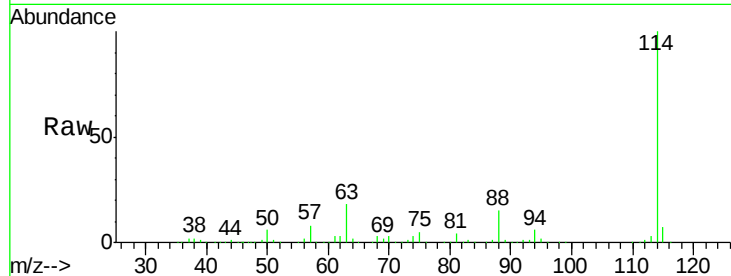




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010431.D
 Acq: 25 Jun 2019 12:23

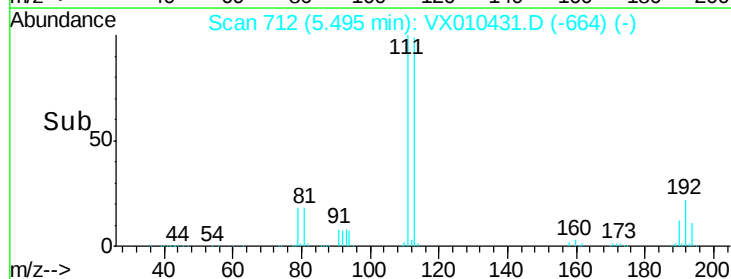
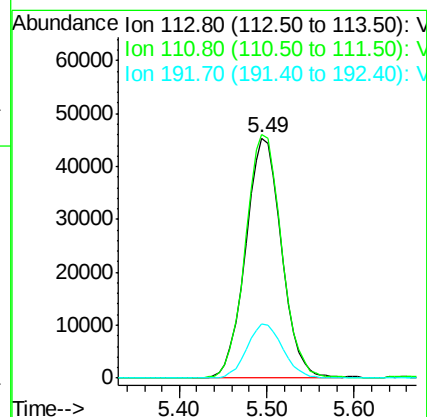
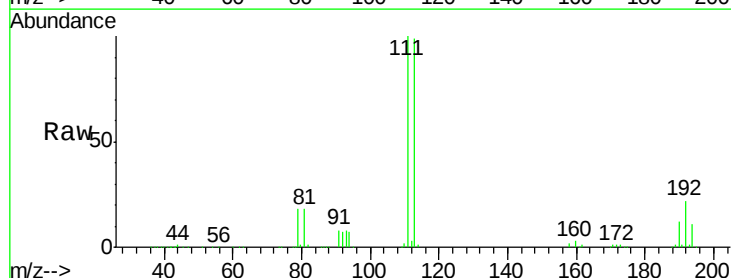
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

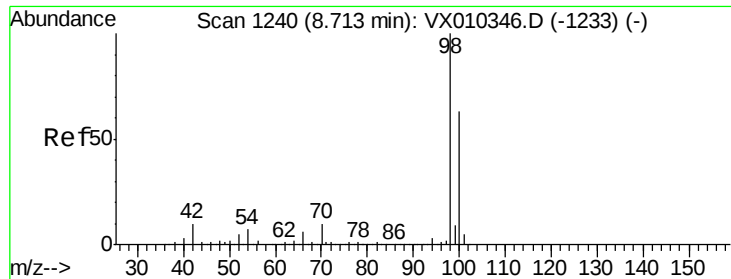
Tot Ion:114 Resp: 422694
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 14.6 0.0 27.6



#35
 Dibromofluoromethane
 Concen: 49.942 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010431.D
 Acq: 25 Jun 2019 12:23

Tgt Ion:113 Resp: 129161
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.2 121.8
 192 22.7 18.6 27.8





#50

Toluene-d8

Concen: 49.911 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010431.D

Acq: 25 Jun 2019 12:23

Instrument :

MSVOA_X

ClientSampleId :

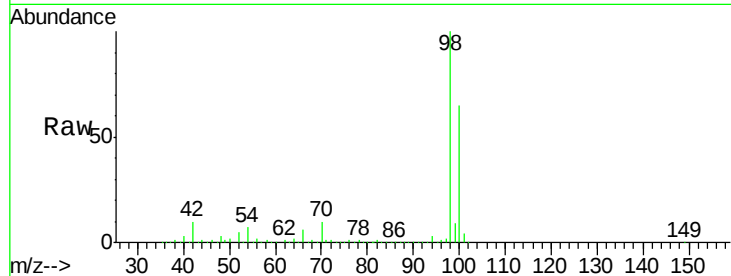
IBLK

Tot Ion: 98 Resp: 493837

Ion Ratio Lower Upper

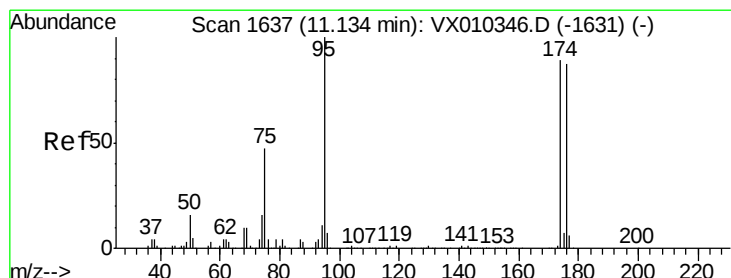
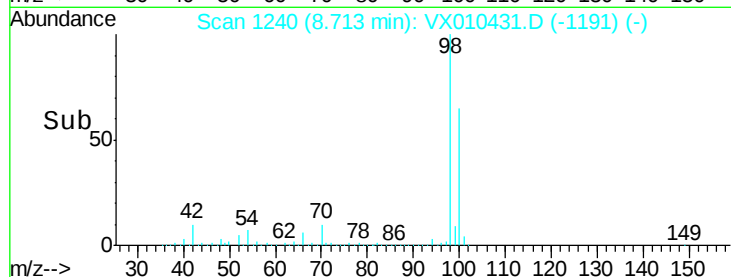
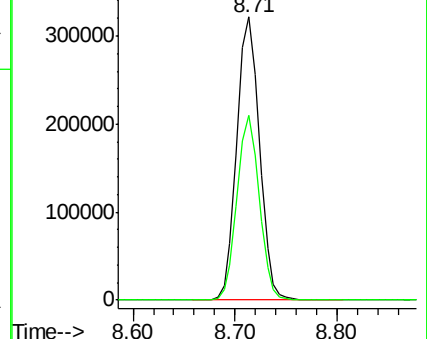
98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.225 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010431.D

Acq: 25 Jun 2019 12:23

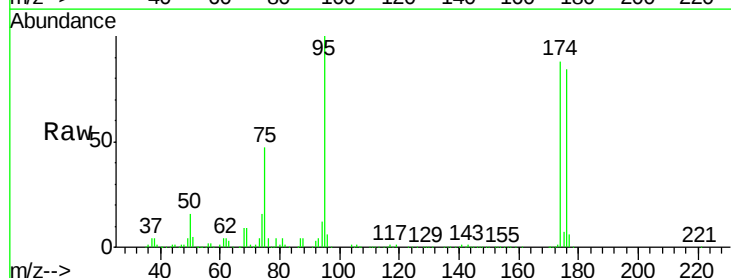
Tgt Ion: 95 Resp: 161548

Ion Ratio Lower Upper

95 100

174 93.1 0.0 187.6

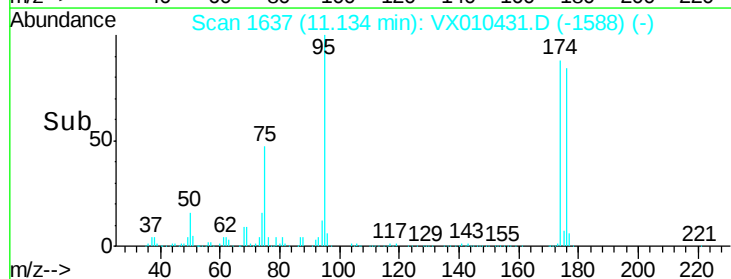
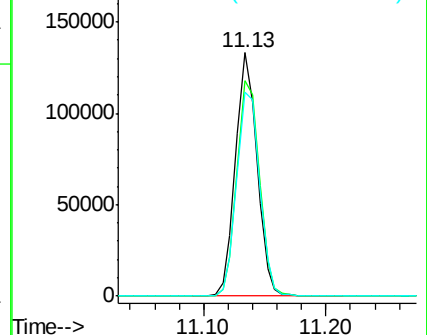
176 90.0 0.0 184.0

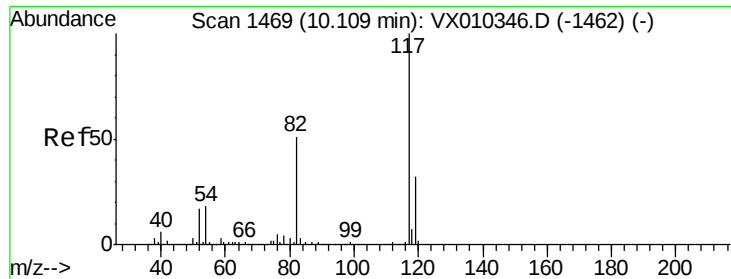


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

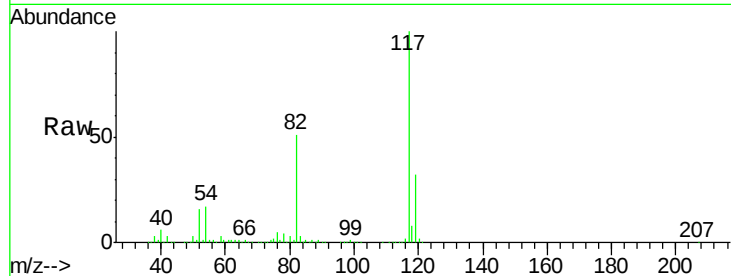




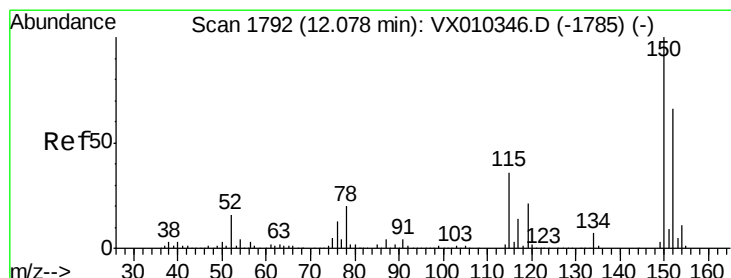
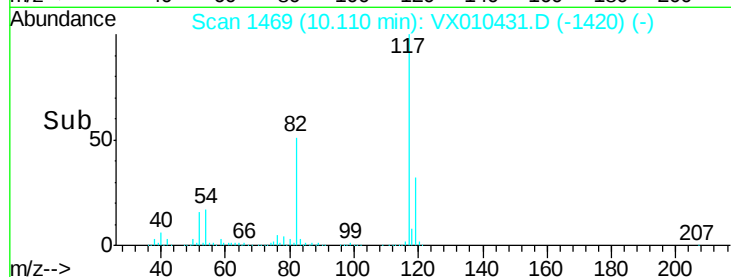
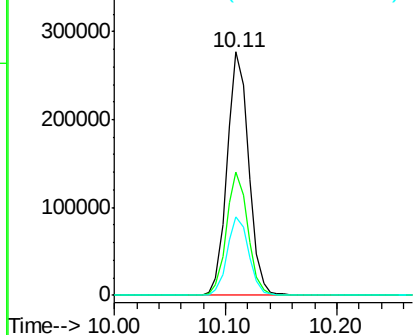
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010431.D
Acq: 25 Jun 2019 12:23

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tot Ion:117 Resp: 370947
Ion Ratio Lower Upper
117 100
82 50.5 41.2 61.8
119 32.3 25.5 38.3

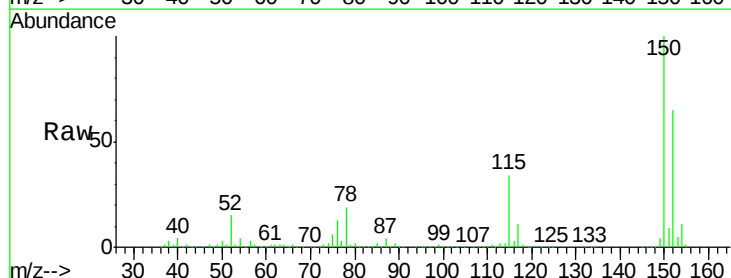


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010431.D
Acq: 25 Jun 2019 12:23

Tgt Ion:152 Resp: 161963
Ion Ratio Lower Upper
152 100
115 54.8 38.6 115.7
150 156.7 0.0 347.4



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

