

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009909.D
 Acq On : 28 May 2019 12:17
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 29 04:20:46 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	176777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	283349	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115910	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	115550	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	
35) Dibromofluoromethane	5.49	113	82992	46.59	ug/l	0.00
Spiked Amount			Recovery	=	93.18%	
50) Toluene-d8	8.71	98	338104	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	
62) 4-Bromofluorobenzene	11.13	95	116649	44.89	ug/l	0.00
Spiked Amount			Recovery	=	89.78%	

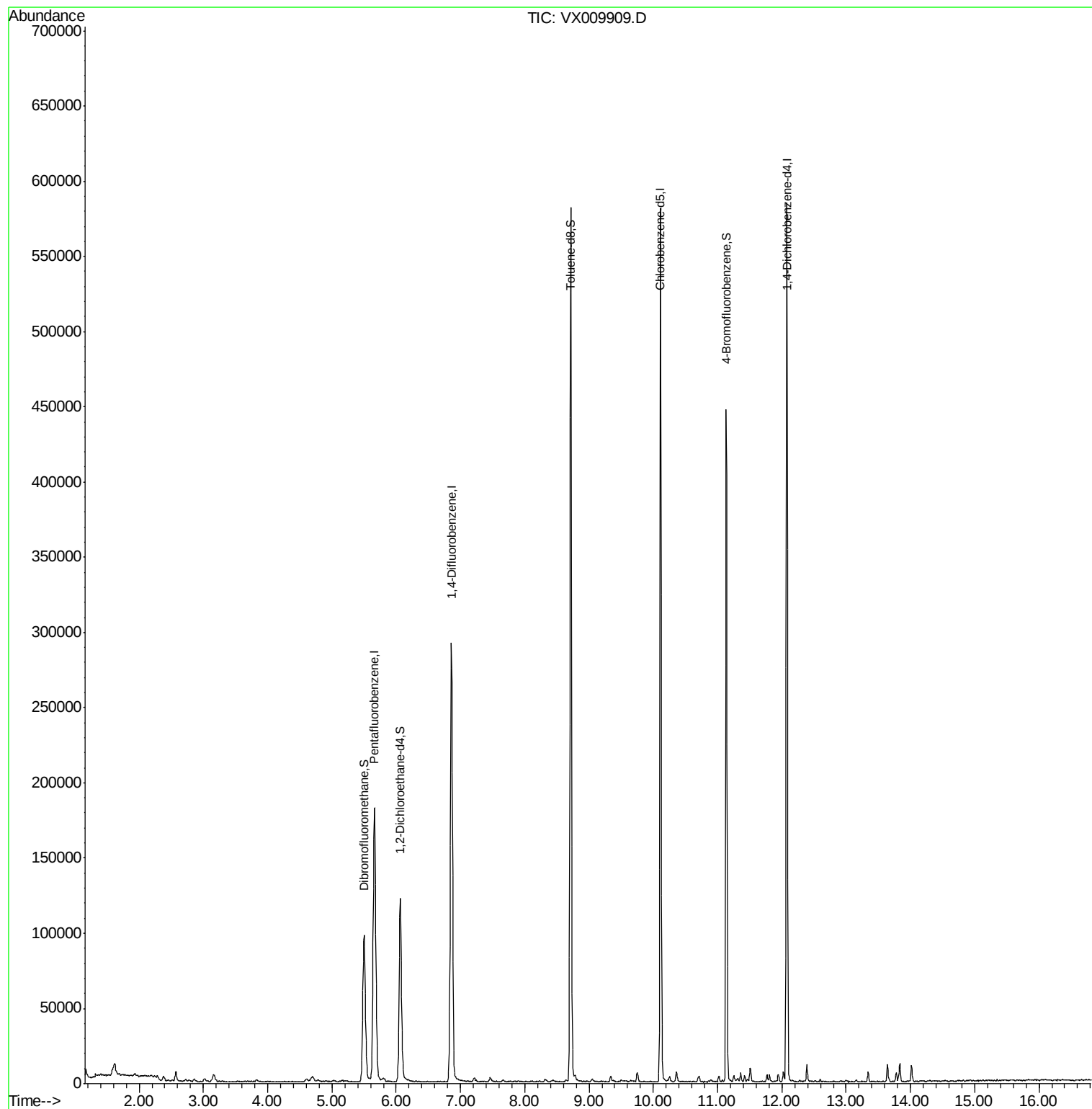
Target Compounds	Qvalue
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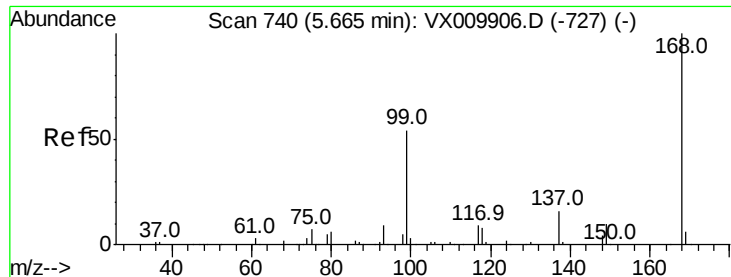
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009909.D

Acq: 28 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

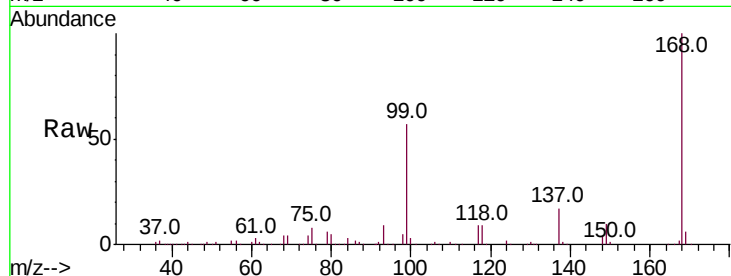
IBLK

Tot Ion:168 Resp: 176777

Ion Ratio Lower Upper

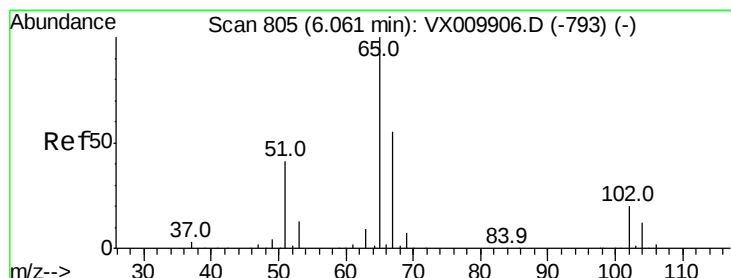
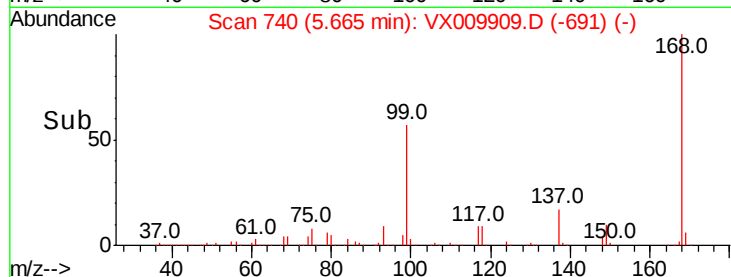
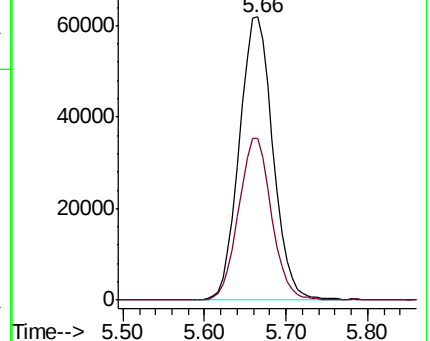
168 100

99 57.3 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: 46.273 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009909.D

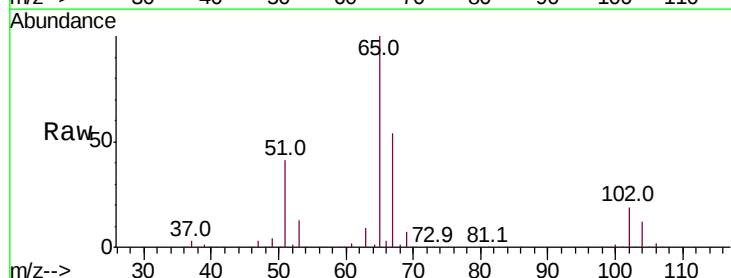
Acq: 28 May 2019 12:17

Tgt Ion: 65 Resp: 115550

Ion Ratio Lower Upper

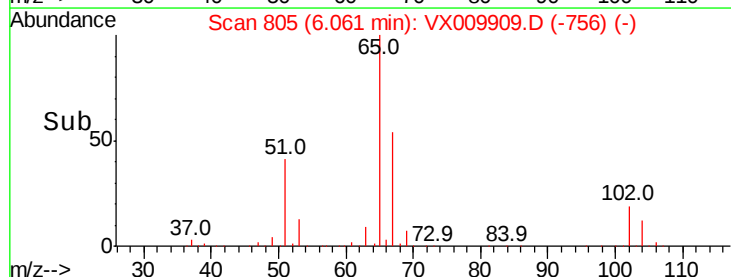
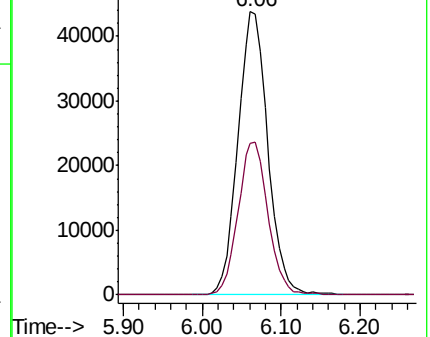
65 100

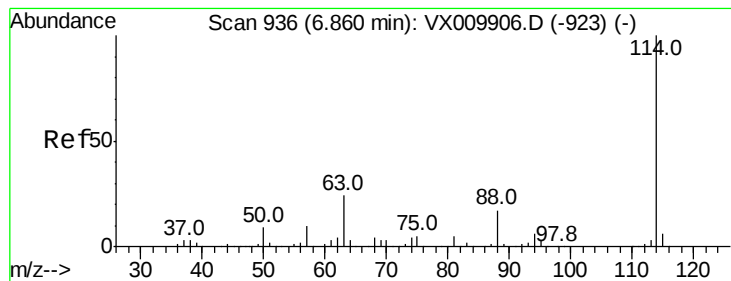
67 54.1 0.0 108.4



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: VX009909.D

Acq: 28 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

IBLK

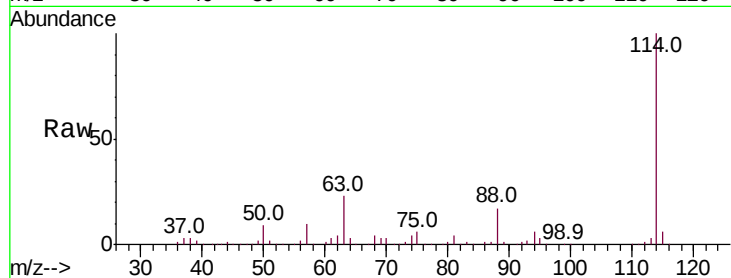
Tot Ion:114 Resp: 283349

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.4

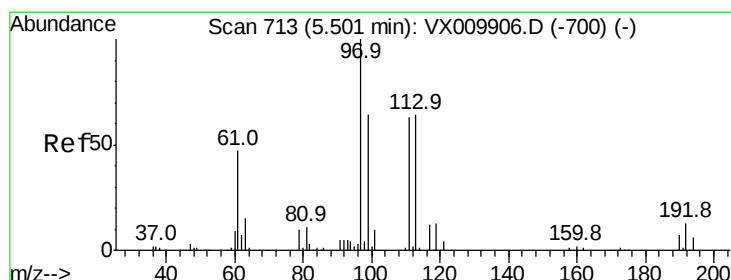
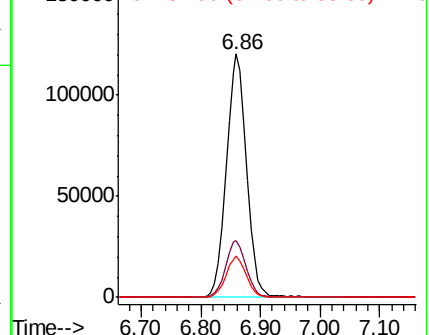
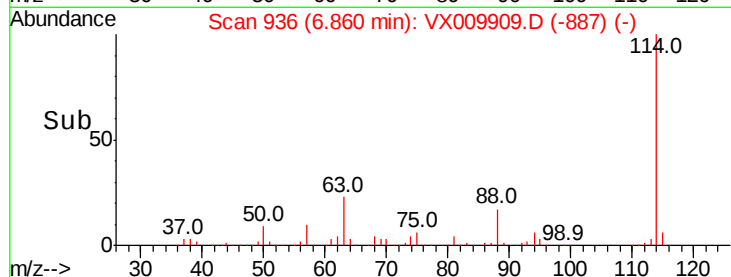
88 17.0 0.0 33.0



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: 46.587 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009909.D

Acq: 28 May 2019 12:17

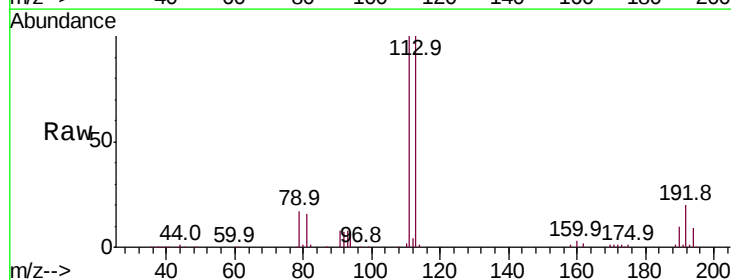
Tgt Ion:113 Resp: 82992

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

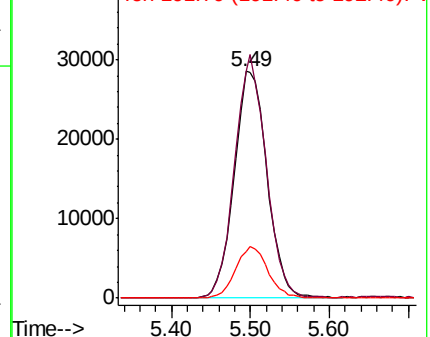
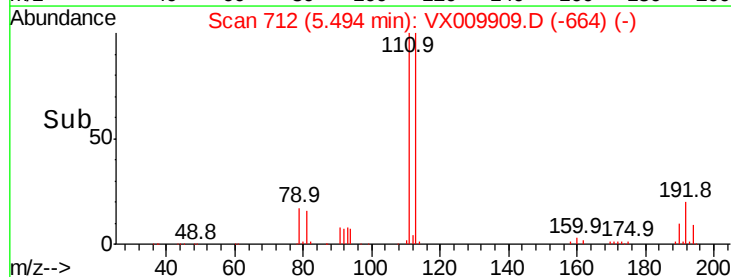
192 22.2 17.1 25.7

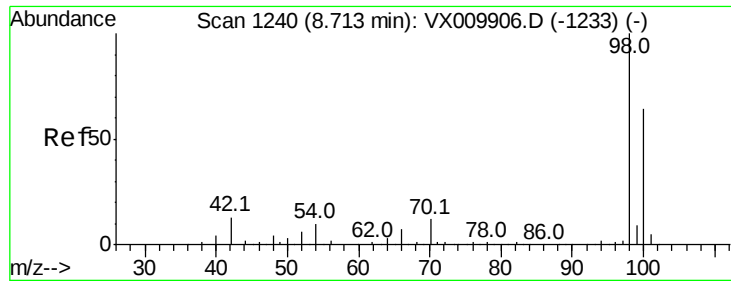


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.738 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009909.D

Acq: 28 May 2019 12:17

Instrument :

MSVOA_X

ClientSampleId :

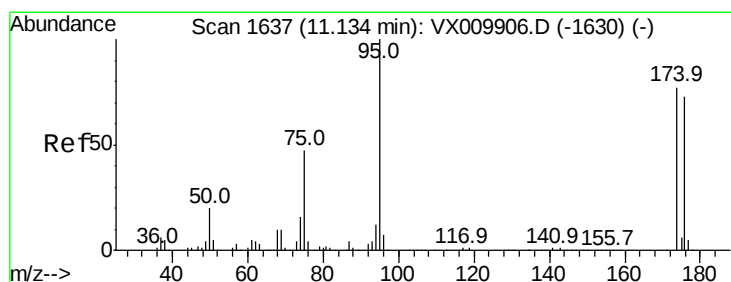
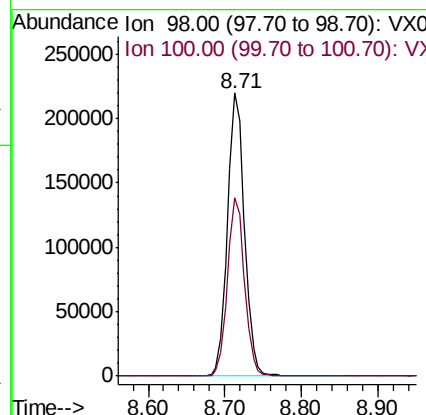
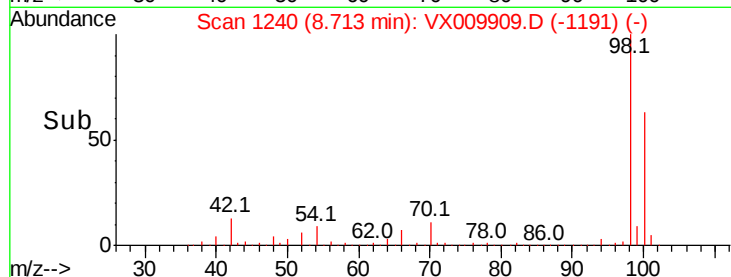
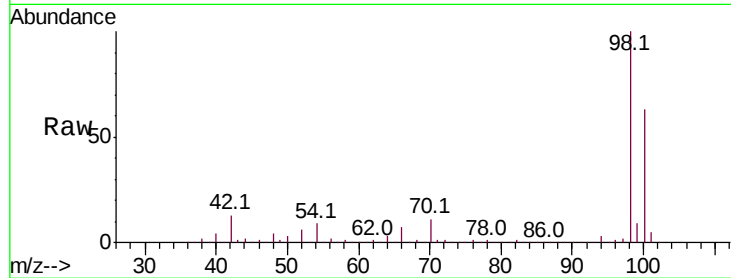
IBLK

Tot Ion: 98 Resp: 338104

Ion Ratio Lower Upper

98 100

100 63.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 44.894 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009909.D

Acq: 28 May 2019 12:17

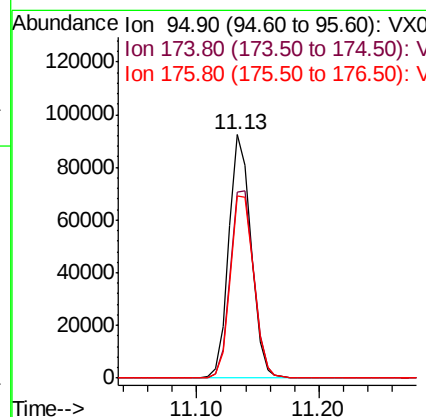
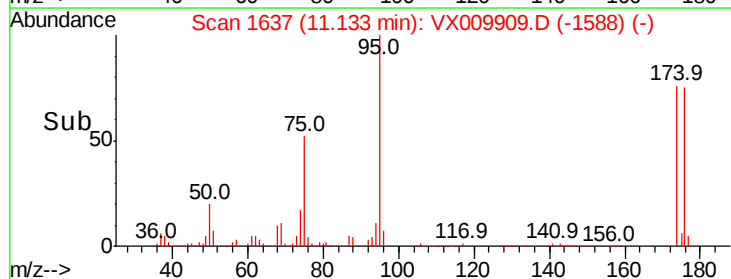
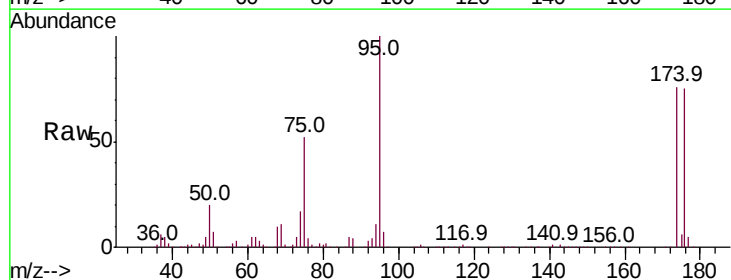
Tgt Ion: 95 Resp: 116649

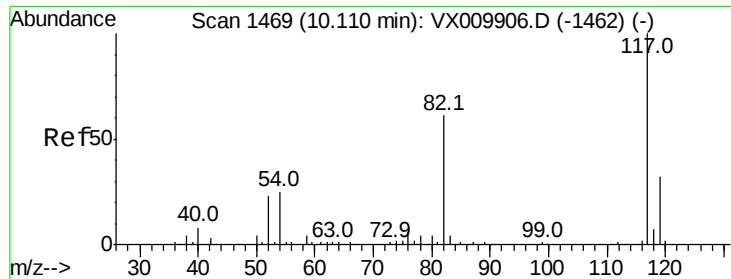
Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.4

176 78.7 0.0 154.6

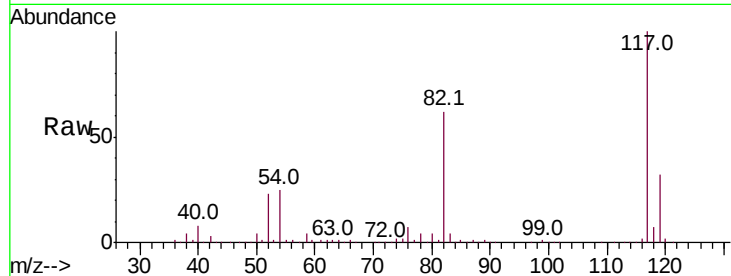




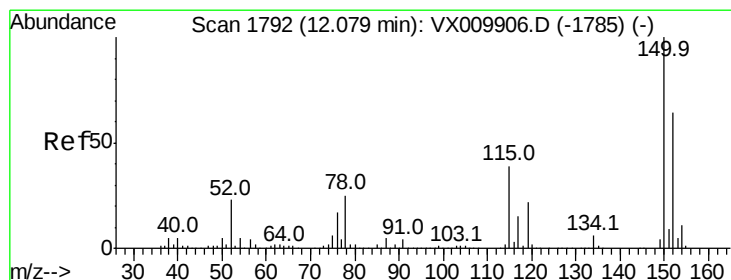
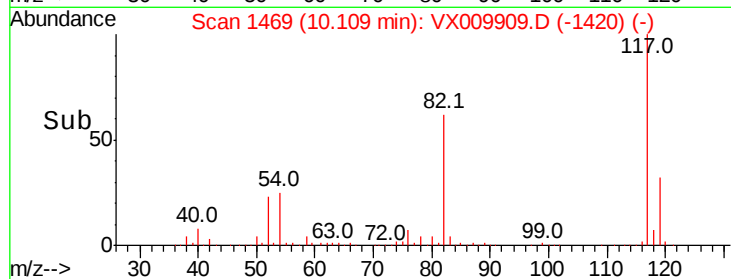
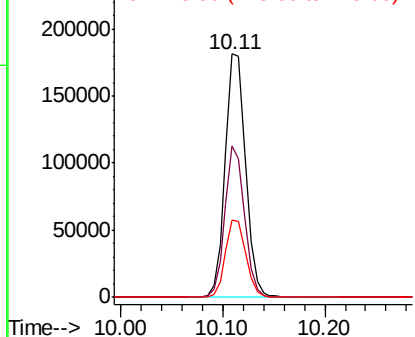
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009909.D
Acq: 28 May 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tot Ion:117 Resp: 251750
Ion Ratio Lower Upper
117 100
82 62.1 49.2 73.8
119 31.6 25.2 37.8

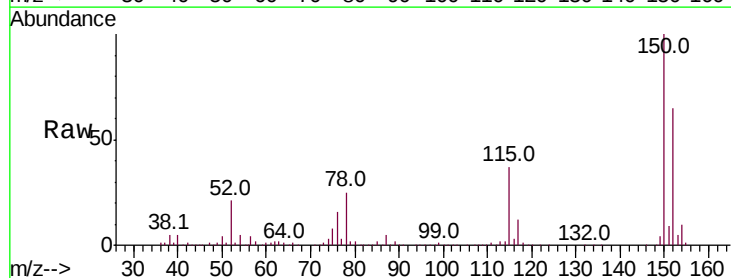


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009909.D
Acq: 28 May 2019 12:17

Tgt Ion:152 Resp: 115910
Ion Ratio Lower Upper
152 100
115 58.9 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

