

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040319\
 Data File : VX008611.D
 Acq On : 03 Apr 2019 11:52
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 04 05:50:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128030	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	147384	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
35) Dibromofluoromethane	5.50	113	105633	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	425510	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.13	95	148636	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	

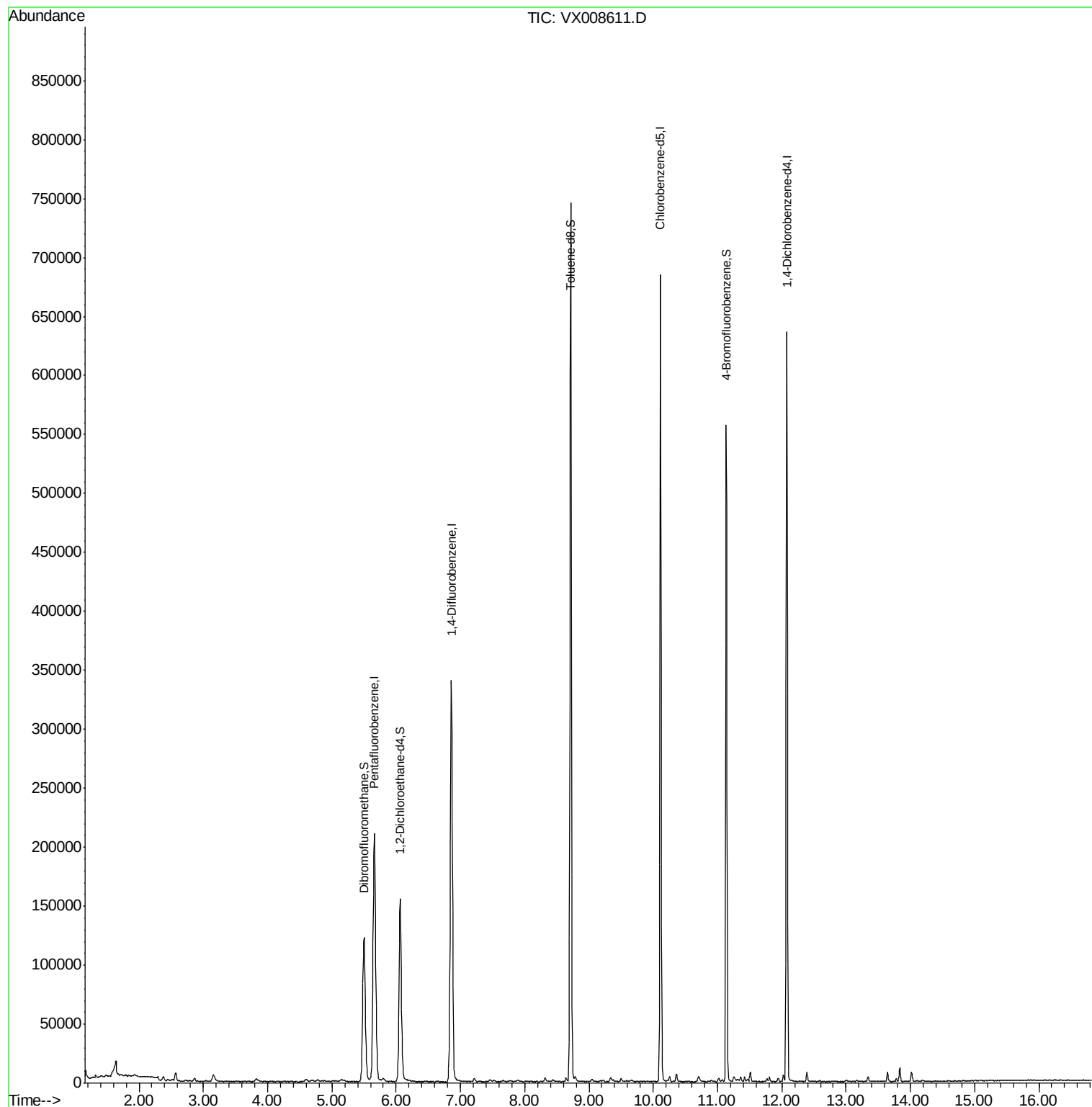
Target Compounds	Qvalue
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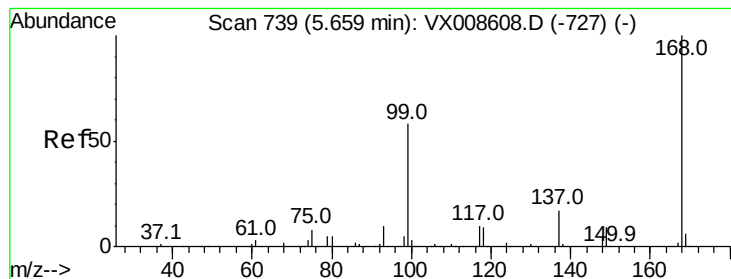
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008611.D

Acq: 03 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

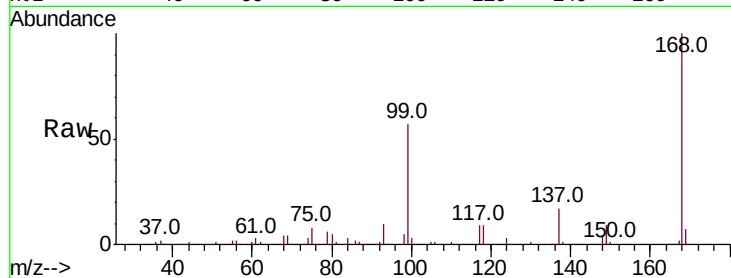
IBLK

Tot Ion:168 Resp: 198894

Ion Ratio Lower Upper

168 100

99 57.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

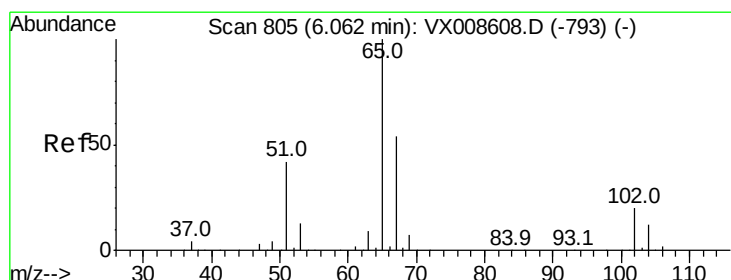
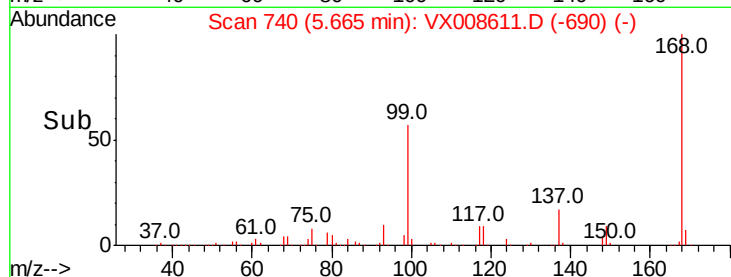
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.805 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008611.D

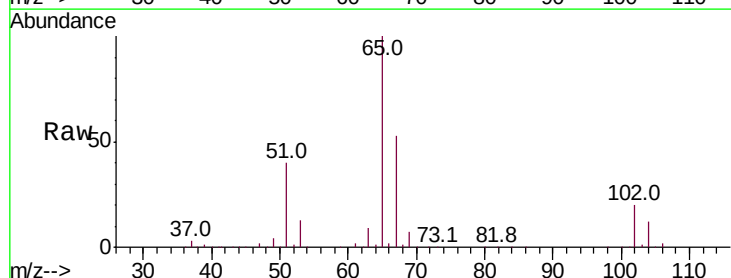
Acq: 03 Apr 2019 11:52

Tgt Ion: 65 Resp: 147384

Ion Ratio Lower Upper

65 100

67 53.6 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

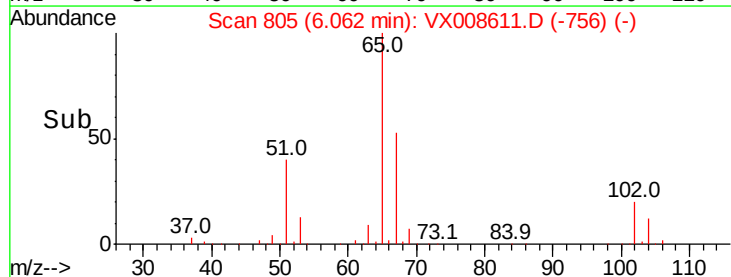
20000

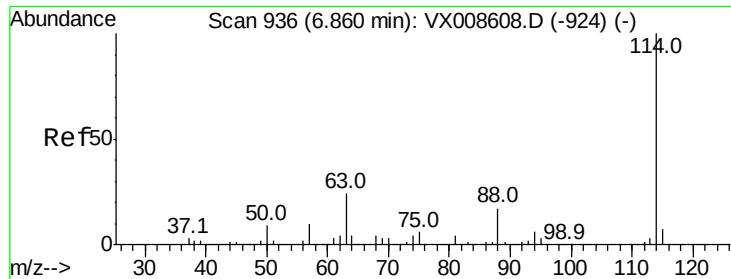
10000

0

5.90 6.00 6.10 6.20

Time-->

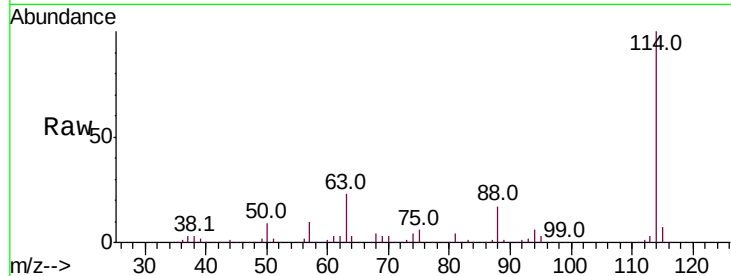




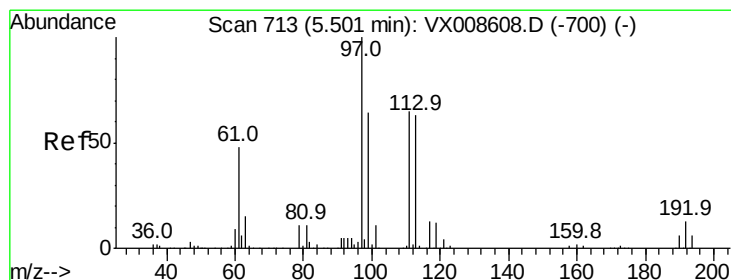
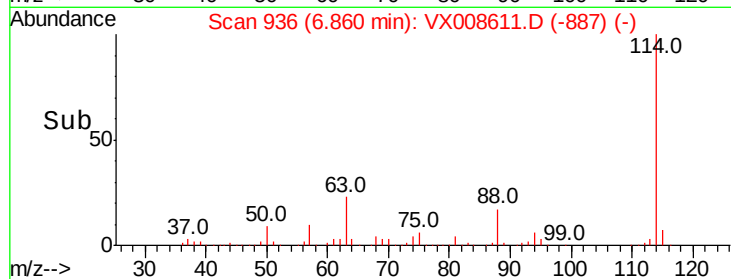
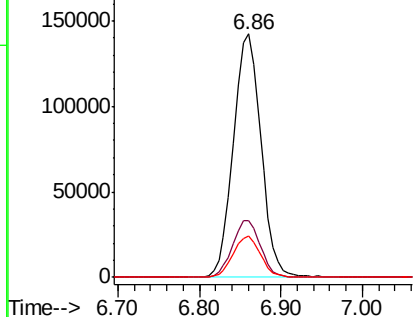
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008611.D
 Acq: 03 Apr 2019 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tot Ion:	114	Resp:	332896
Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	47.2
88	16.9	0.0	34.0

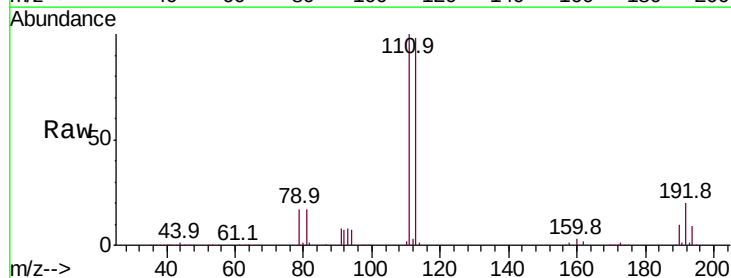


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

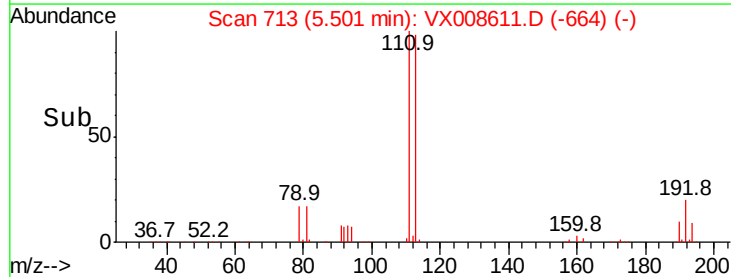
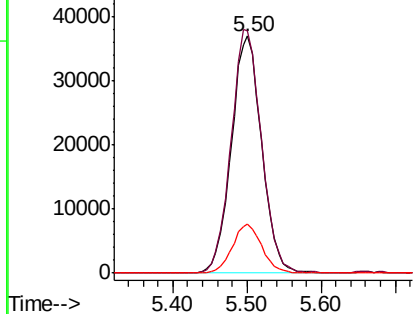


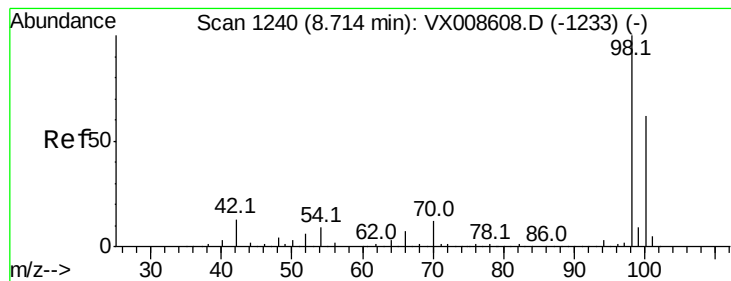
#35
 Dibromofluoromethane
 Concen: 49.630 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008611.D
 Acq: 03 Apr 2019 11:52

Tgt Ion:	113	Resp:	105633
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.2
192	20.1	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: 50.209 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008611.D

Acq: 03 Apr 2019 11:52

Instrument :

MSVOA_X

ClientSampleId :

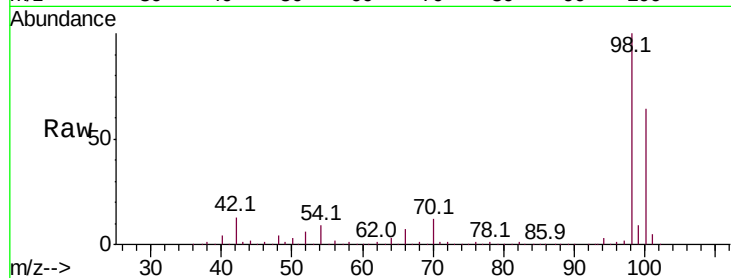
IBLK

Tot Ion: 98 Resp: 425510

Ion Ratio Lower Upper

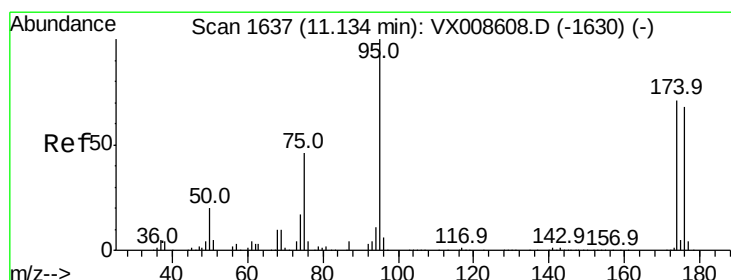
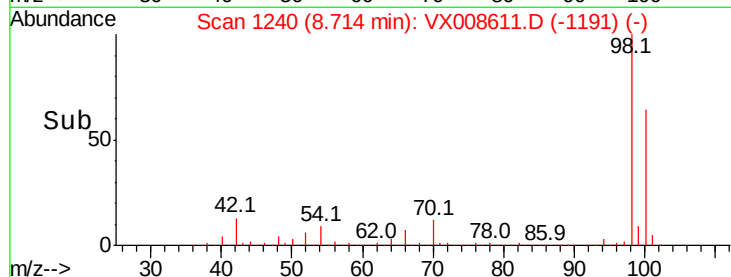
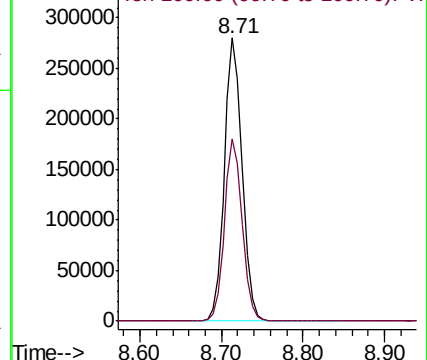
98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 49.458 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008611.D

Acq: 03 Apr 2019 11:52

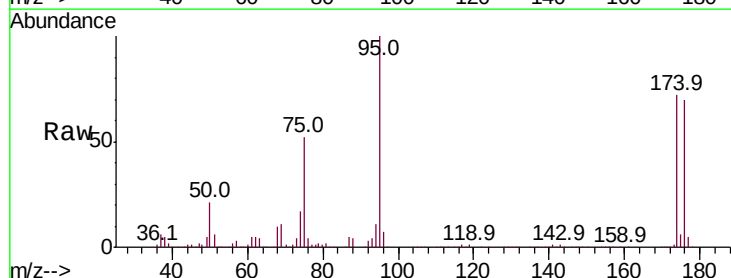
Tgt Ion: 95 Resp: 148636

Ion Ratio Lower Upper

95 100

174 75.5 0.0 151.8

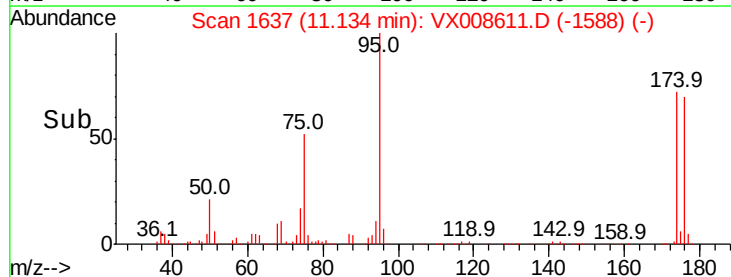
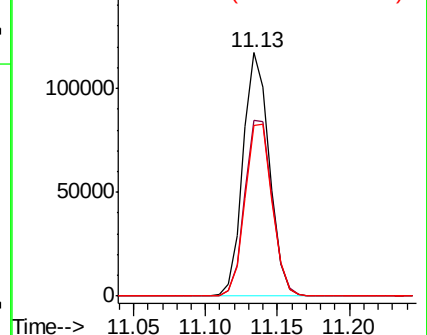
176 73.2 0.0 145.8

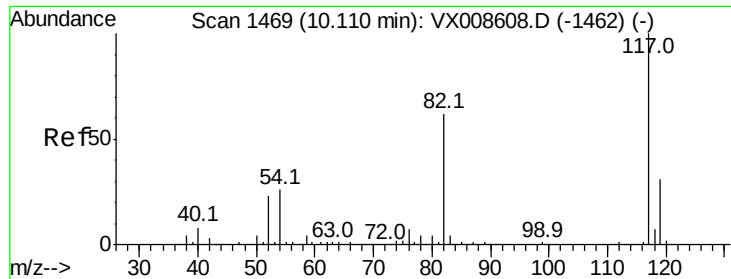


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

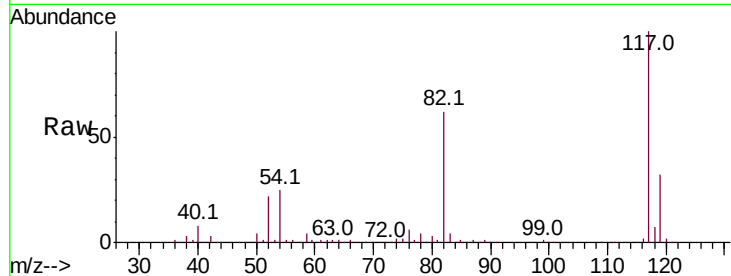




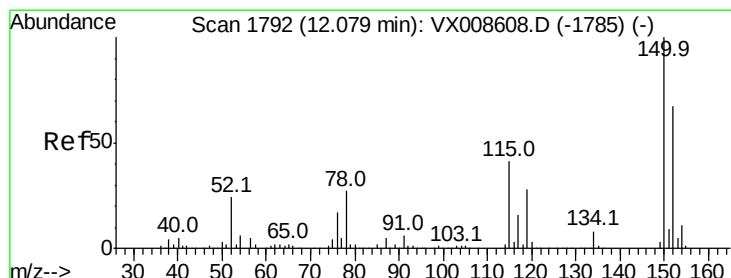
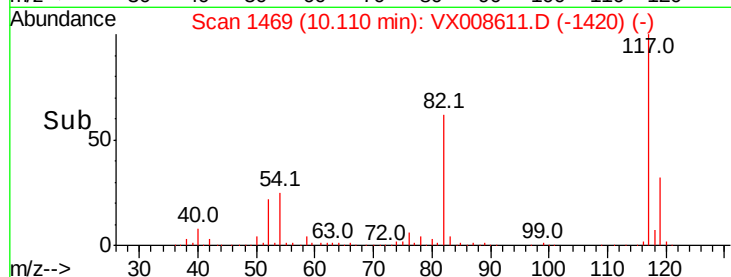
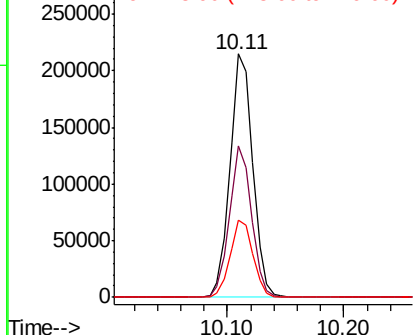
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008611.D
Acq: 03 Apr 2019 11:52

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion:117 Resp: 292408
Ion Ratio Lower Upper
117 100
82 62.3 49.6 74.4
119 31.9 25.0 37.4

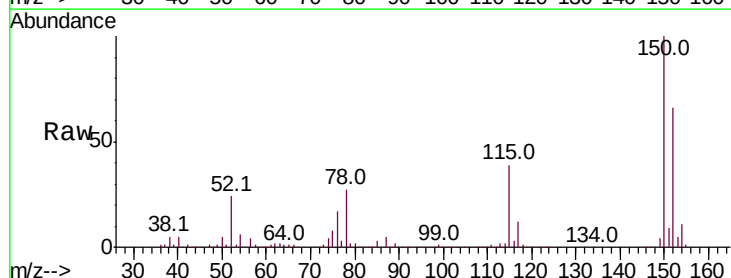


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008611.D
Acq: 03 Apr 2019 11:52

Tgt Ion:152 Resp: 128030
Ion Ratio Lower Upper
152 100
115 60.6 43.5 130.5
150 156.1 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

