

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\
 Data File : VX008743.D
 Acq On : 08 Apr 2019 14:27
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 09 07:09:57 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

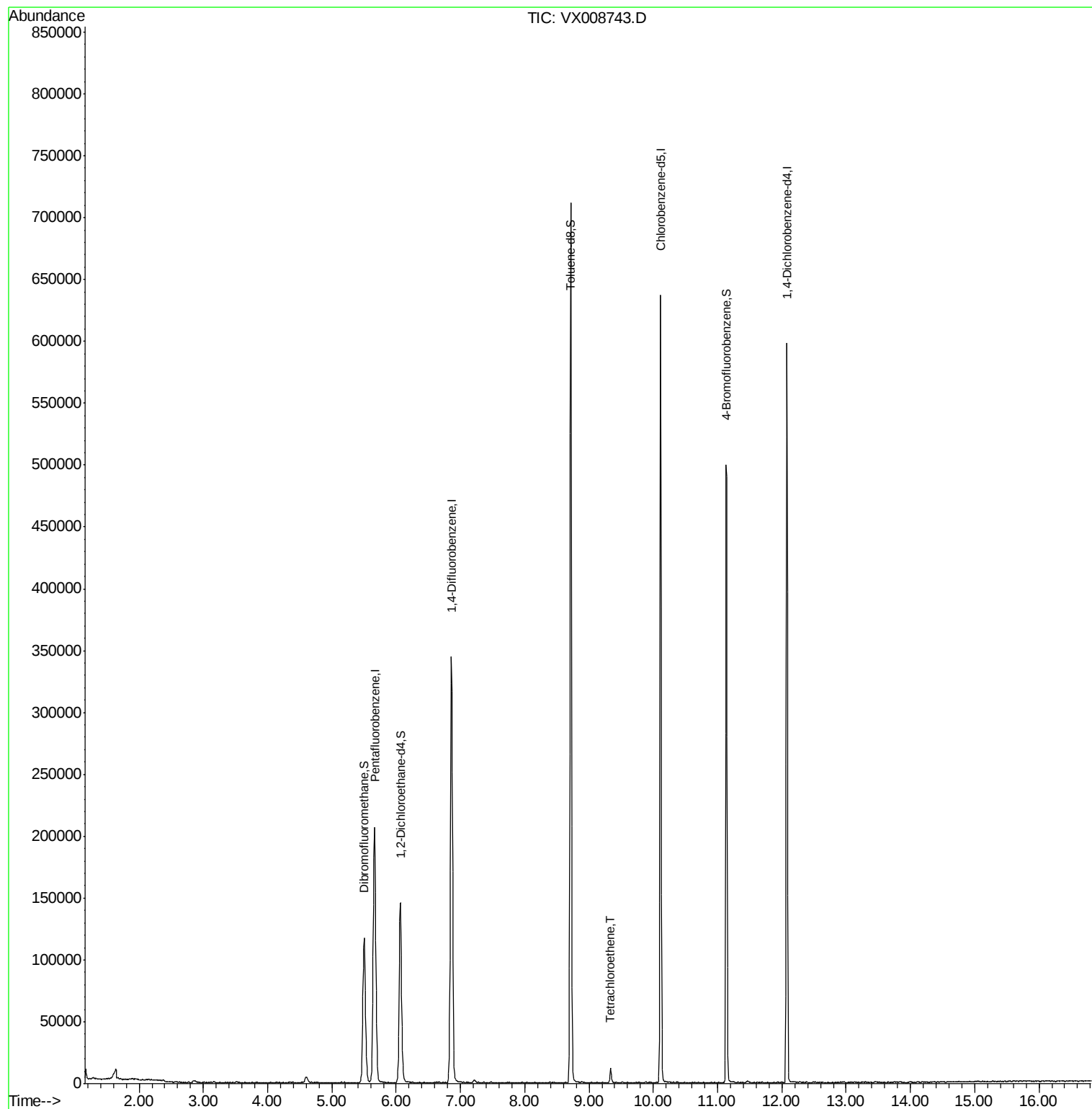
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	137276	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
35) Dibromofluoromethane	5.50	113	100221	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
50) Toluene-d8	8.71	98	415295	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	136517	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
Target Compounds						
64) Tetrachloroethene	9.34	164	2375	1.125	ug/l	Qvalue 91

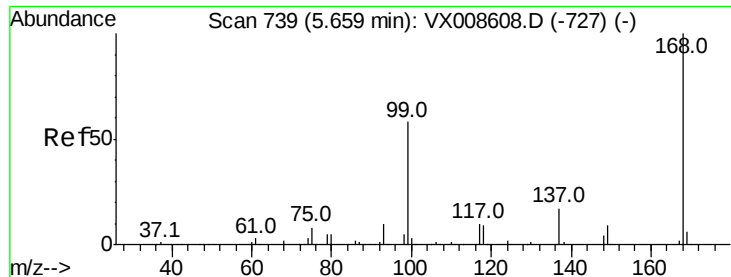
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008743.D

Acq: 08 Apr 2019 14:27

Instrument :

MSVOA_X

ClientSampleId :

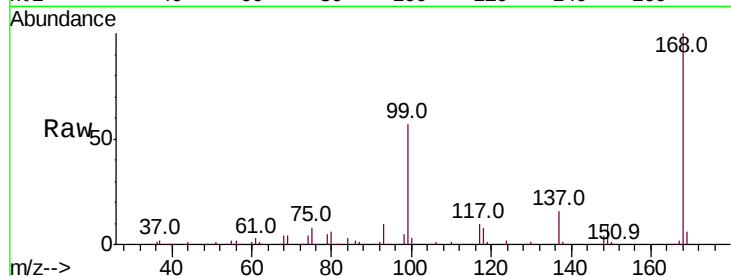
IBLK

Tot Ion:168 Resp: 198861

Ion Ratio Lower Upper

168 100

99 57.2 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

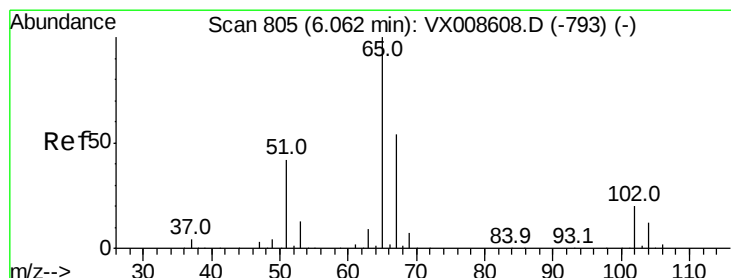
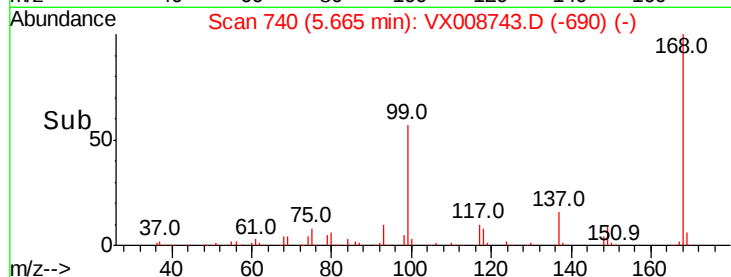
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.328 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008743.D

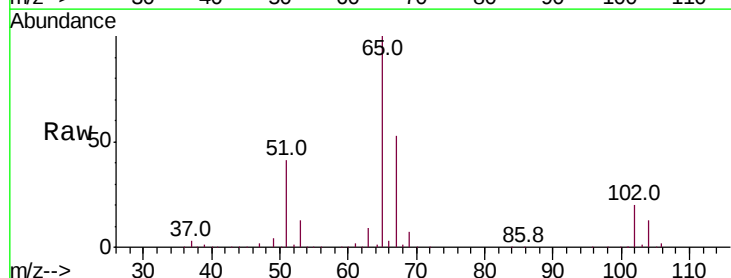
Acq: 08 Apr 2019 14:27

Tgt Ion: 65 Resp: 137276

Ion Ratio Lower Upper

65 100

67 54.5 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

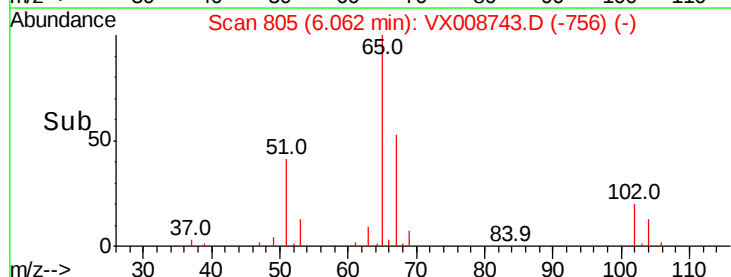
30000

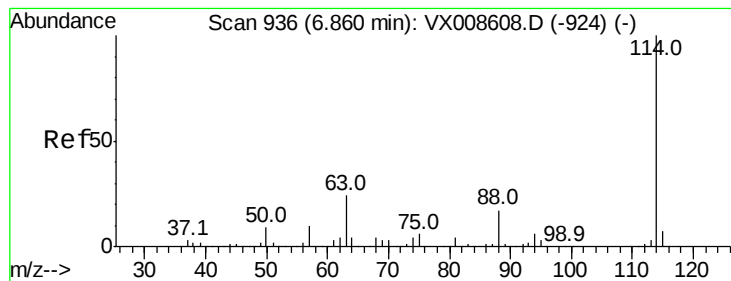
20000

10000

0

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: VX008743.D

Acq: 08 Apr 2019 14:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

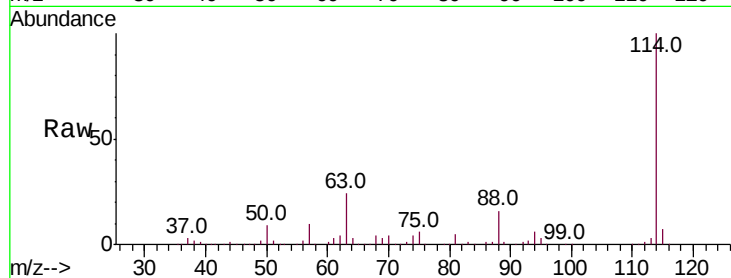
Tot Ion:114 Resp: 334751

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.2

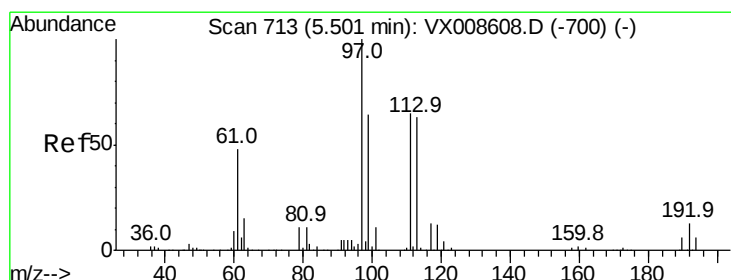
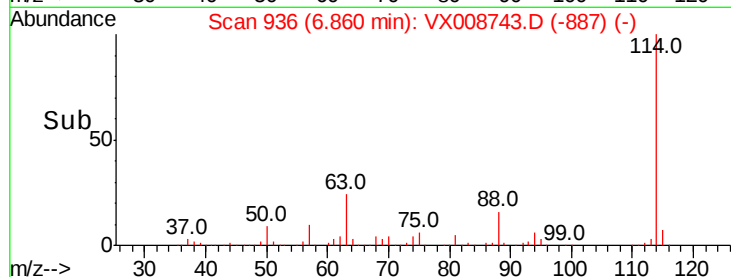
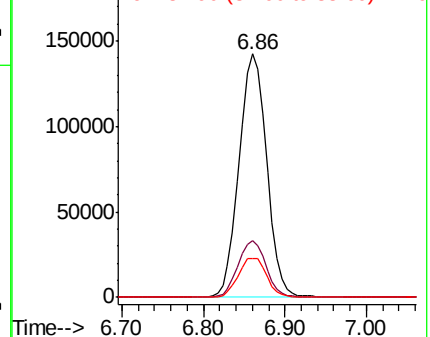
88 16.1 0.0 34.0



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: 46.826 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008743.D

Acq: 08 Apr 2019 14:27

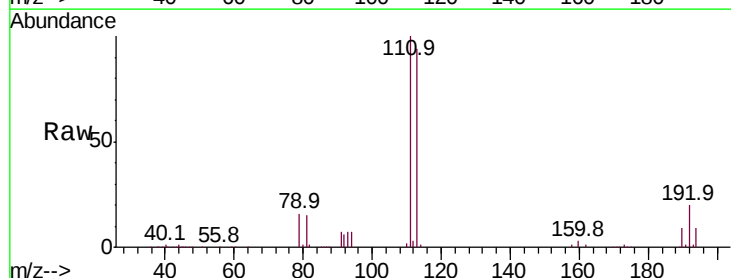
Tgt Ion:113 Resp: 100221

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.2

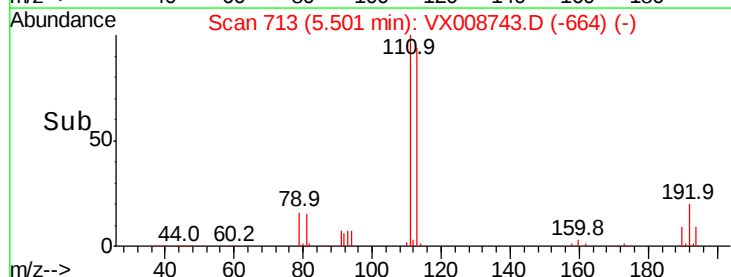
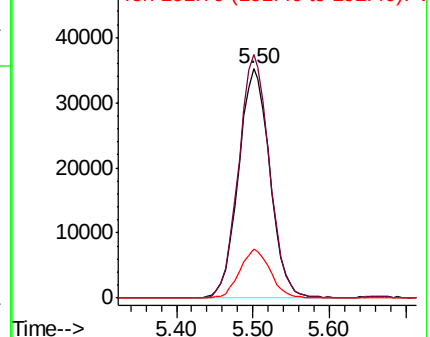
192 20.9 16.1 24.1

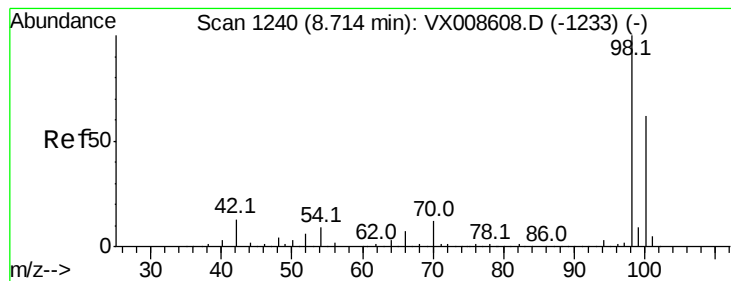


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.732 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008743.D

Acq: 08 Apr 2019 14:27

Instrument :

MSVOA_X

ClientSampleId :

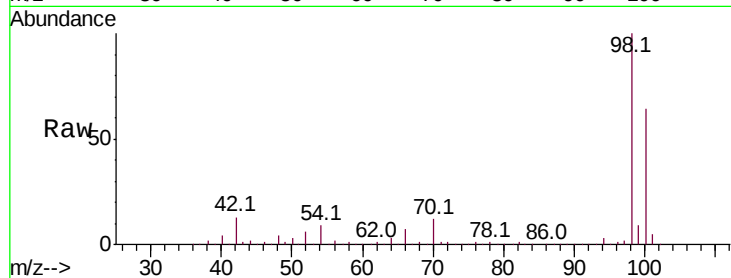
IBLK

Tot Ion: 98 Resp: 415295

Ion Ratio Lower Upper

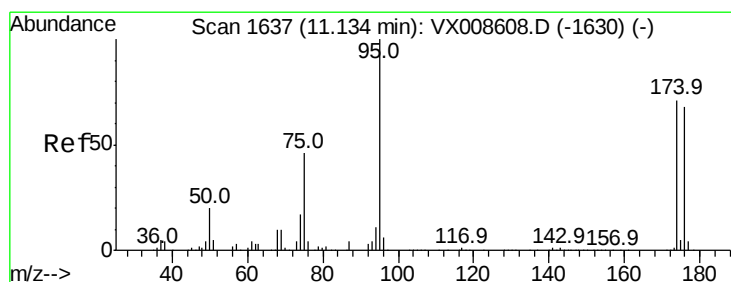
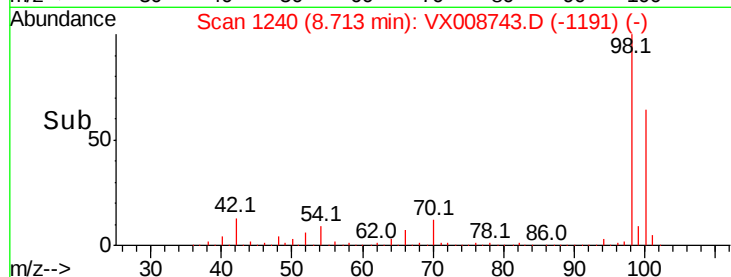
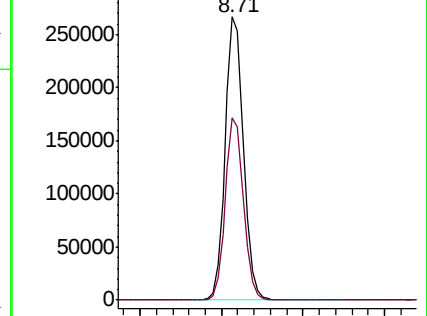
98 100

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: 45.174 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008743.D

Acq: 08 Apr 2019 14:27

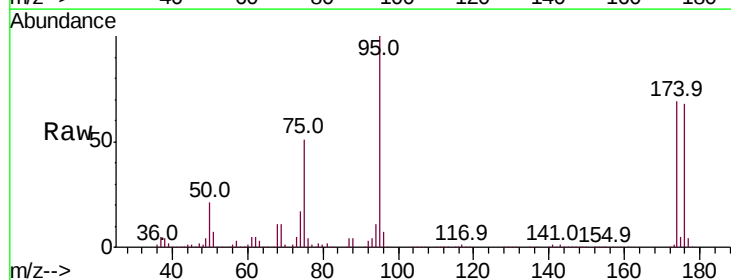
Tgt Ion: 95 Resp: 136517

Ion Ratio Lower Upper

95 100

174 77.2 0.0 151.8

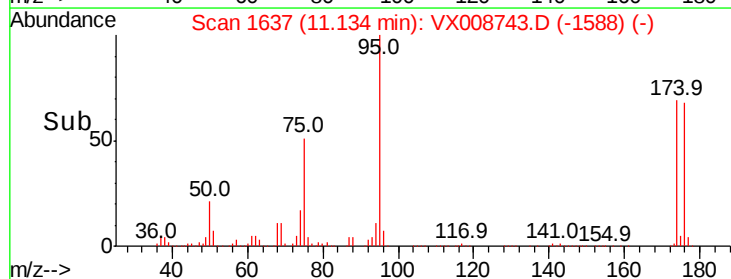
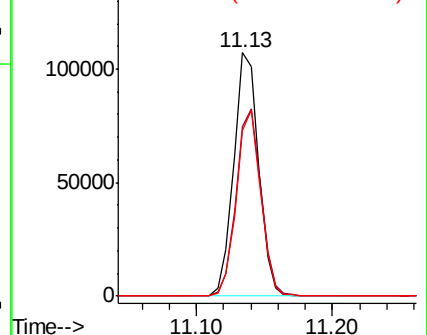
176 74.8 0.0 145.8

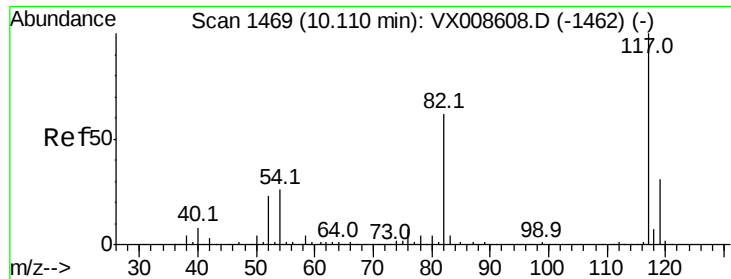


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

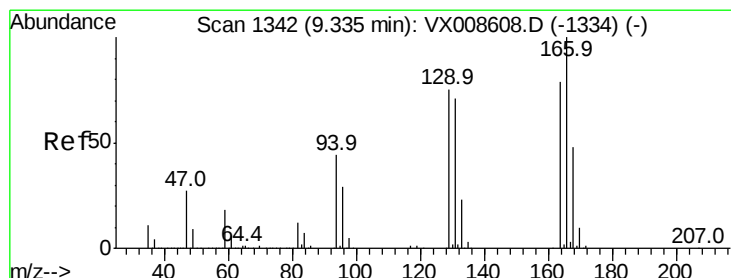
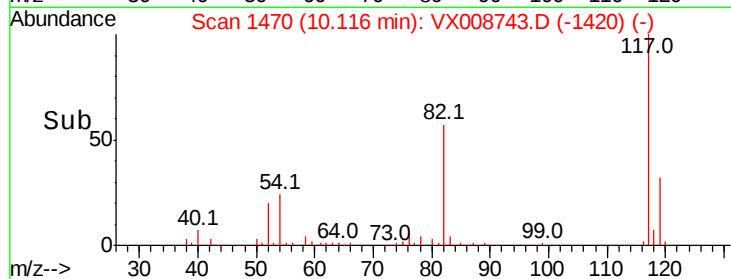
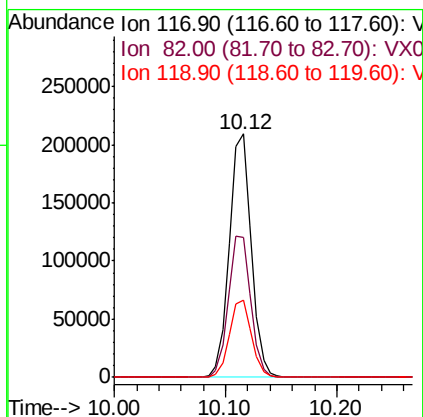
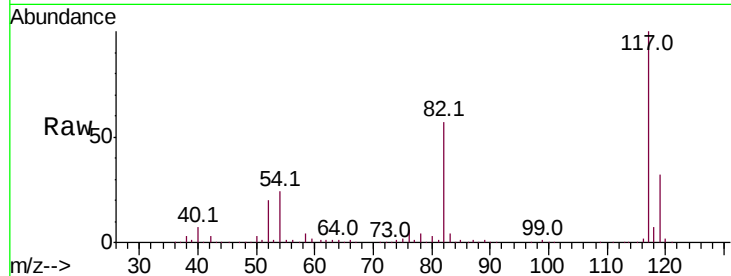




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008743.D
Acq: 08 Apr 2019 14:27

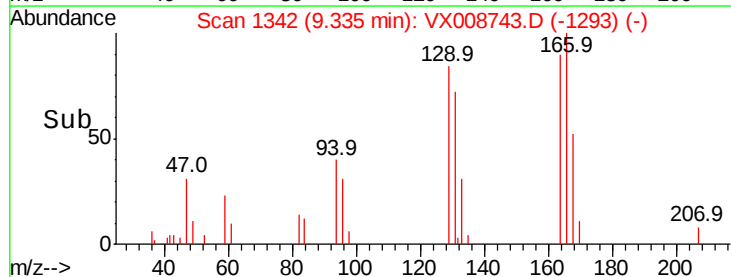
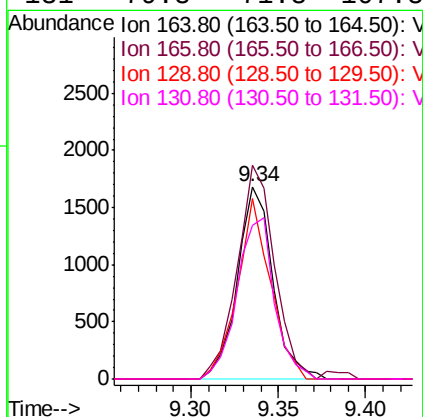
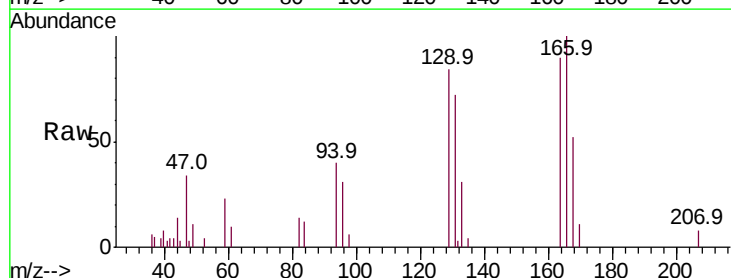
Instrument :
MSVOA_X
ClientSampled :
IBLK

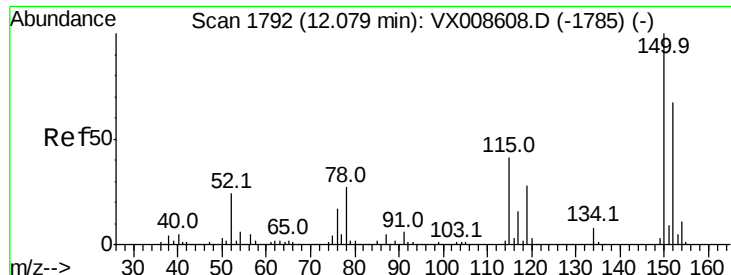
Tot Ion:117 Resp: 284855
Ion Ratio Lower Upper
117 100
82 57.5 49.6 74.4
119 31.8 25.0 37.4



#64
Tetrachloroethene
Concen: 1.125 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008743.D
Acq: 08 Apr 2019 14:27

Tgt Ion:164 Resp: 2375
Ion Ratio Lower Upper
164 100
166 111.3 101.0 151.6
129 93.7 75.8 113.8
131 79.8 71.8 107.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008743.D
 Acq: 08 Apr 2019 14:27

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.0	43.5	130.5
150	155.6	0.0	348.8

