

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010328.D
 Acq On : 17 Jun 2019 16:45
 Operator : JC/SP
 Sample : IBLK2
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK2

Quant Time: Jun 18 02:19:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	352873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	528418	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	475216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225461	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	161714	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
35) Dibromofluoromethane	5.50	113	160322	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
50) Toluene-d8	8.71	98	620650	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	215778	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	

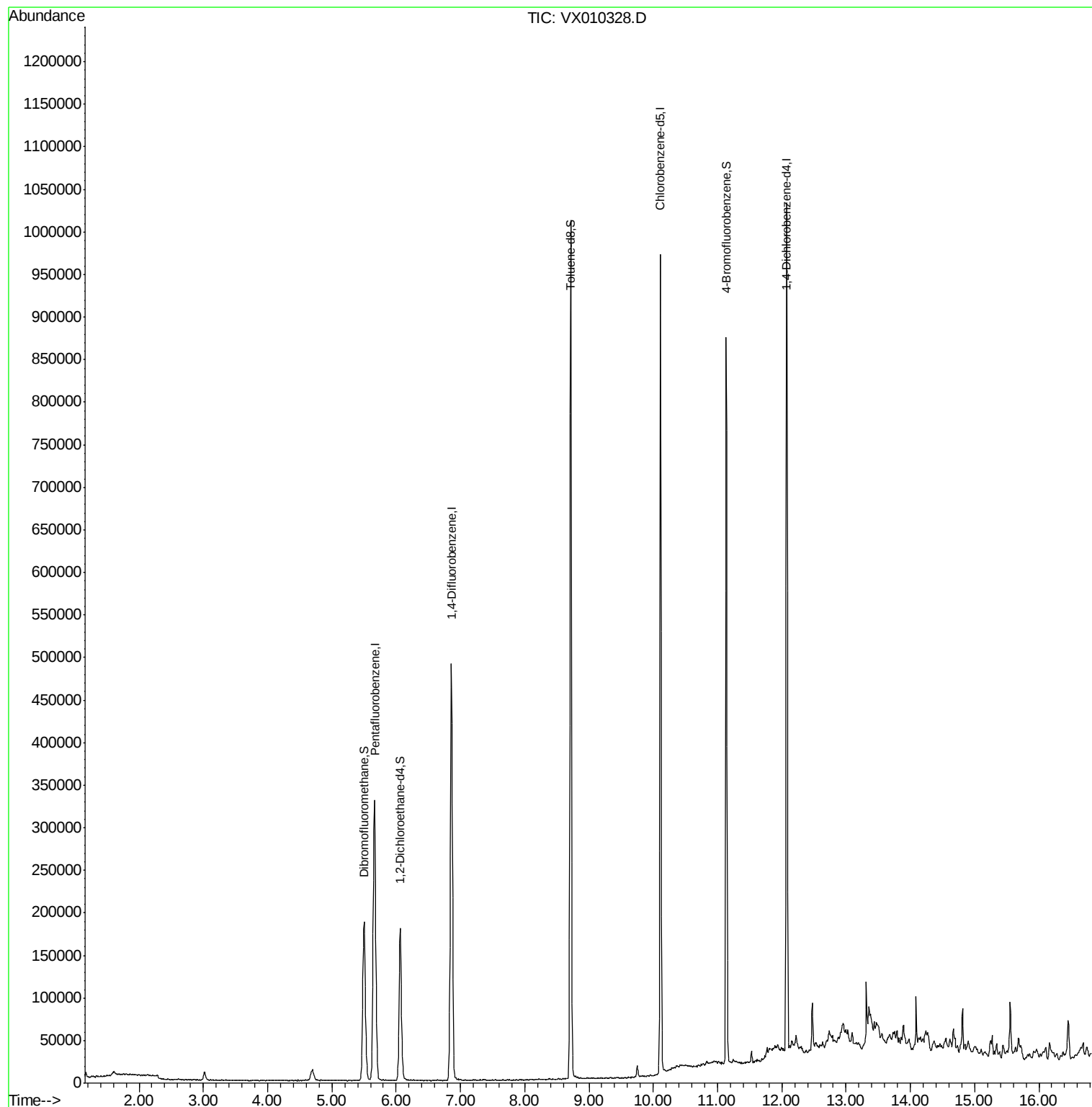
Target Compounds	Qvalue
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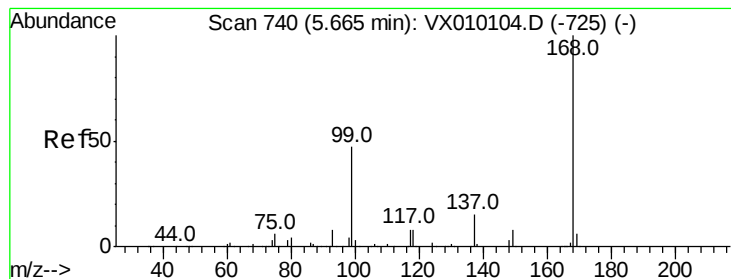
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010328.D

Acq: 17 Jun 2019 16:45

Instrument :

MSVOA_X

ClientSampled :

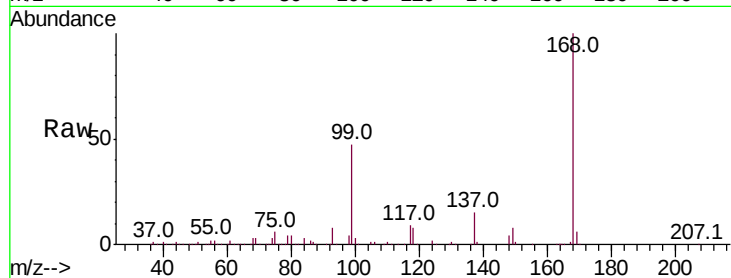
IBLK2

Tot Ion:168 Resp: 352873

Ion Ratio Lower Upper

168 100

99 47.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

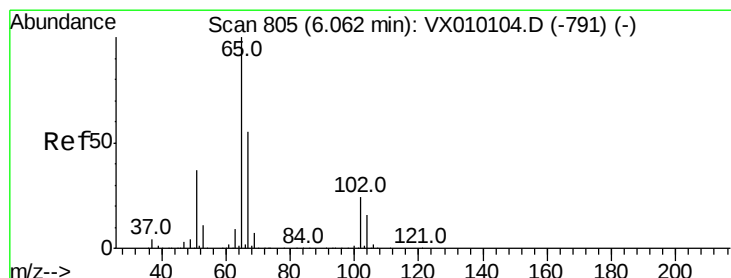
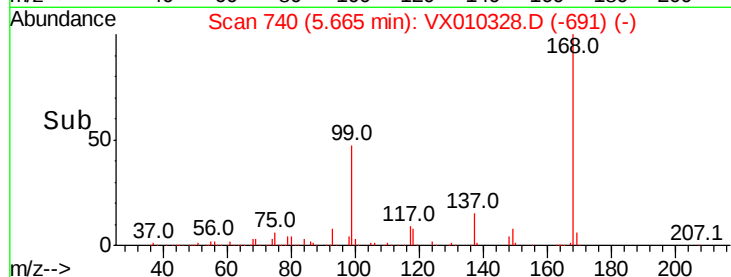
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.949 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010328.D

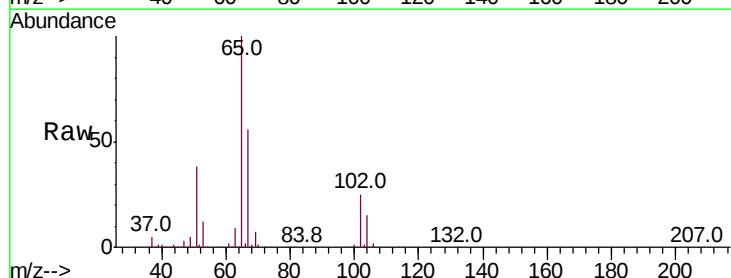
Acq: 17 Jun 2019 16:45

Tgt Ion: 65 Resp: 161714

Ion Ratio Lower Upper

65 100

67 54.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

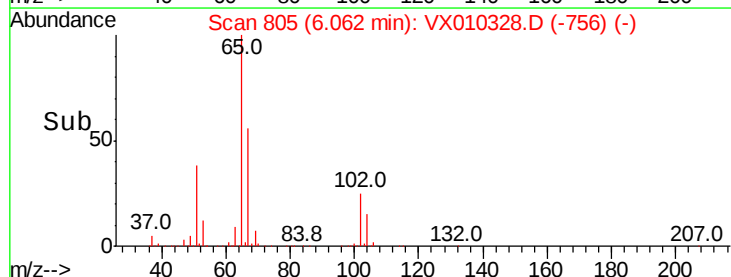
60000

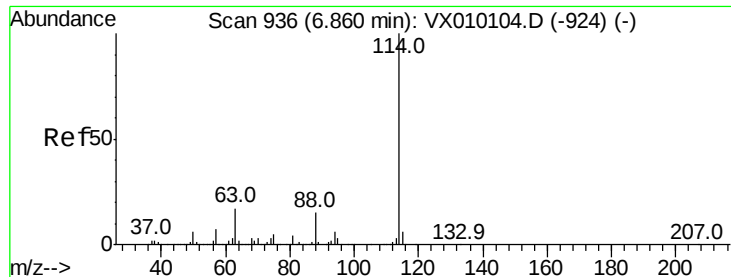
40000

20000

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: VX010328.D

Acq: 17 Jun 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK2

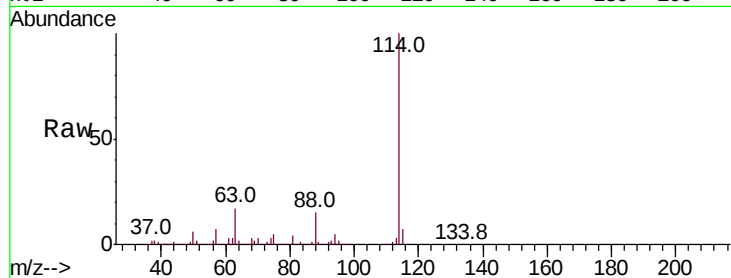
Tot Ion:114 Resp: 528418

Ion Ratio Lower Upper

114 100

63 17.0 0.0 47.4

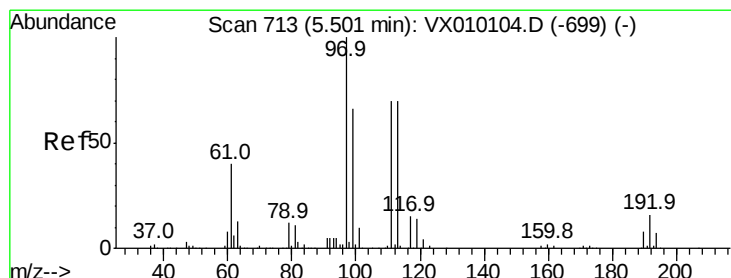
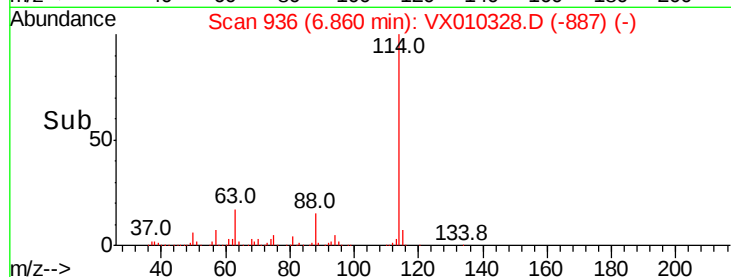
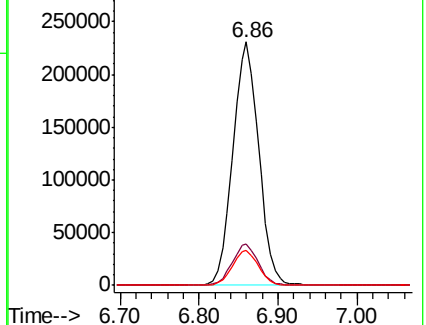
88 14.6 0.0 33.0



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: 49.187 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010328.D

Acq: 17 Jun 2019 16:45

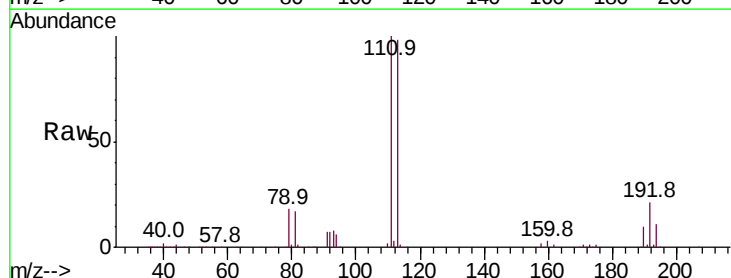
Tgt Ion:113 Resp: 160322

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

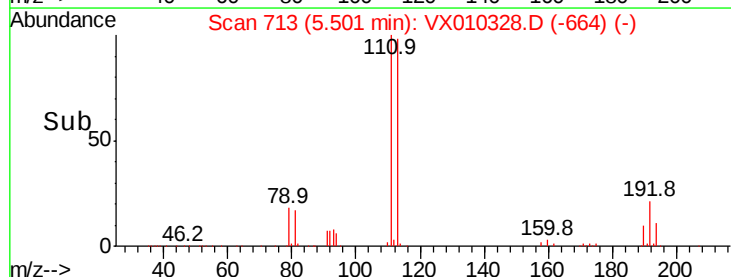
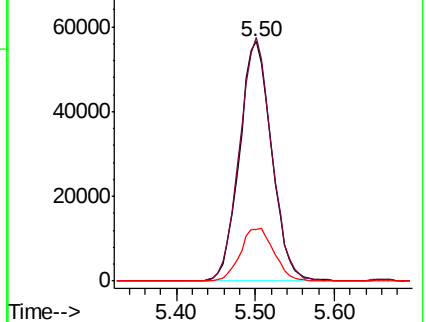
192 23.1 17.1 25.7

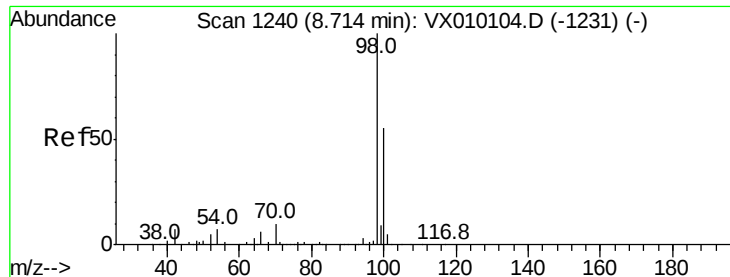


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.807 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010328.D

Acq: 17 Jun 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

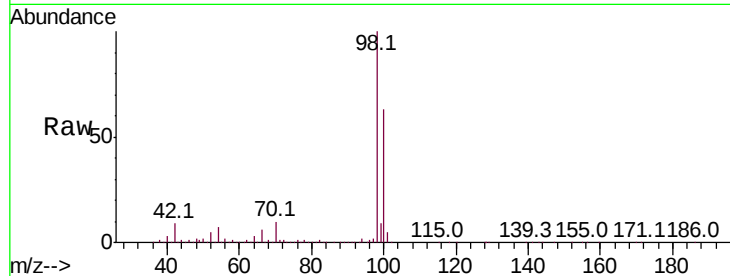
IBLK2

Tot Ion: 98 Resp: 620650

Ion Ratio Lower Upper

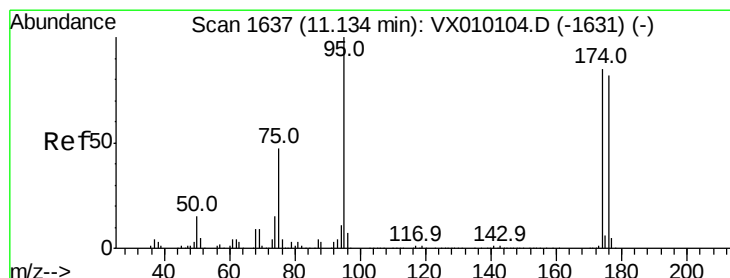
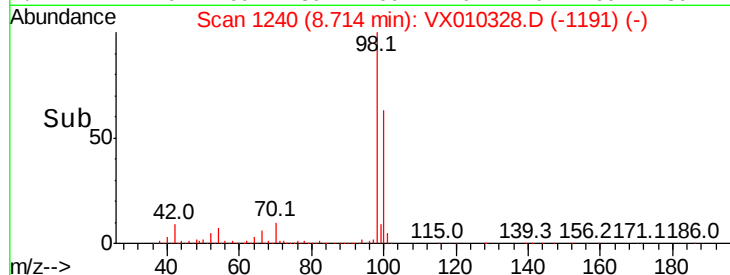
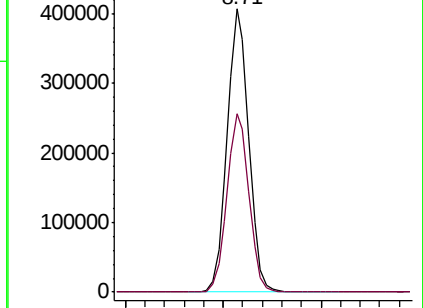
98 100

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>



#62

4-Bromofluorobenzene

Concen: 47.298 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010328.D

Acq: 17 Jun 2019 16:45

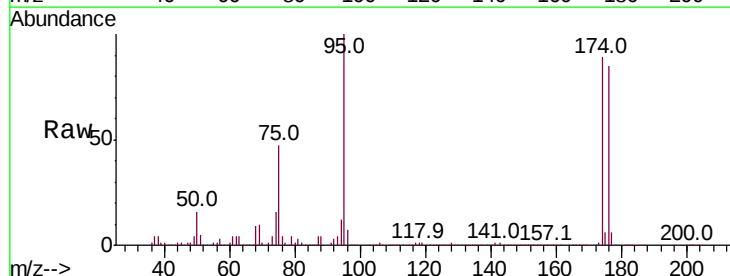
Tgt Ion: 95 Resp: 215778

Ion Ratio Lower Upper

95 100

174 94.2 0.0 160.4

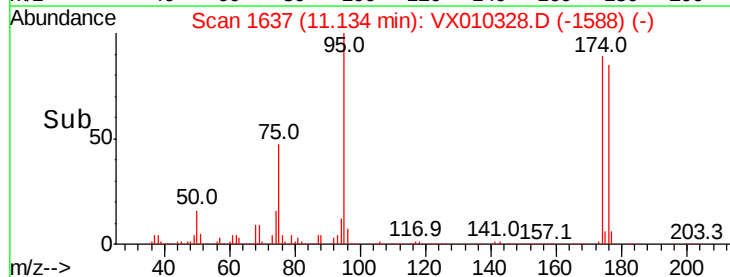
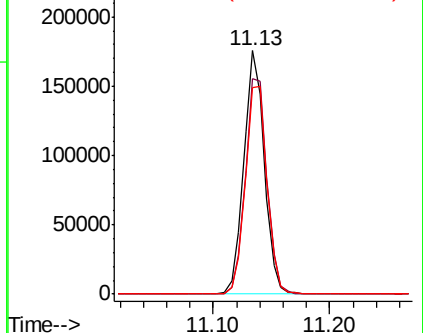
176 91.4 0.0 154.6

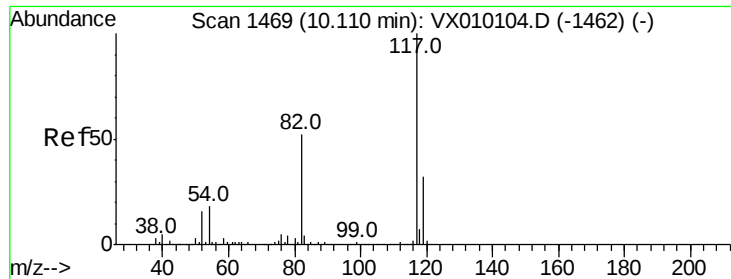


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

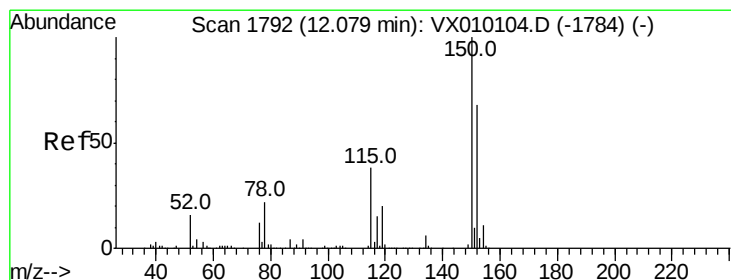
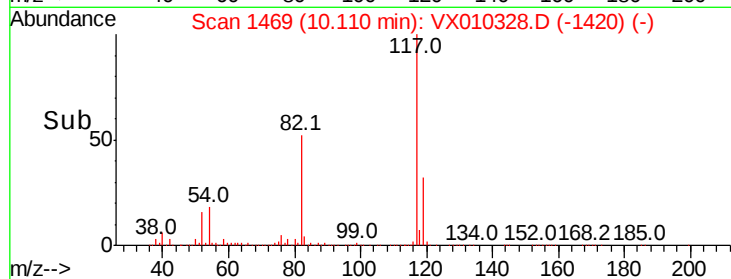
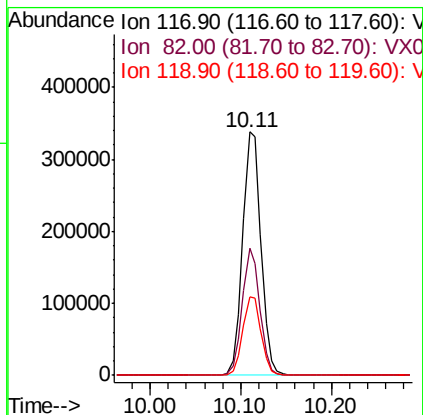
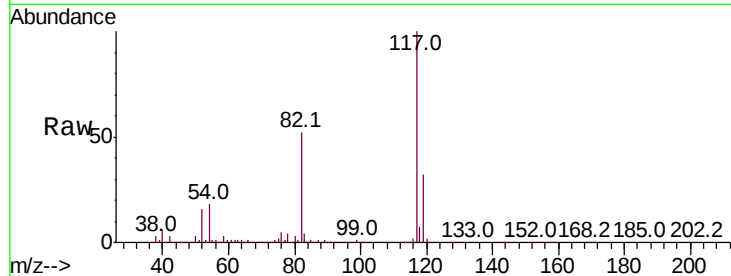




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010328.D
Acq: 17 Jun 2019 16:45

Instrument :
MSVOA_X
ClientSampled :
IBLK2

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	49.2	73.8
119	32.3	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010328.D
Acq: 17 Jun 2019 16:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	41.4	124.2
150	157.2	0.0	345.2

