

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010508.D
 Acq On : 28 Jun 2019 00:40
 Operator : JC/SP
 Sample : K3521-43
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 28 08:53:06 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	255935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166734	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	117945	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
35) Dibromofluoromethane	5.50	113	118811	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
50) Toluene-d8	8.71	98	458619	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	152816	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	

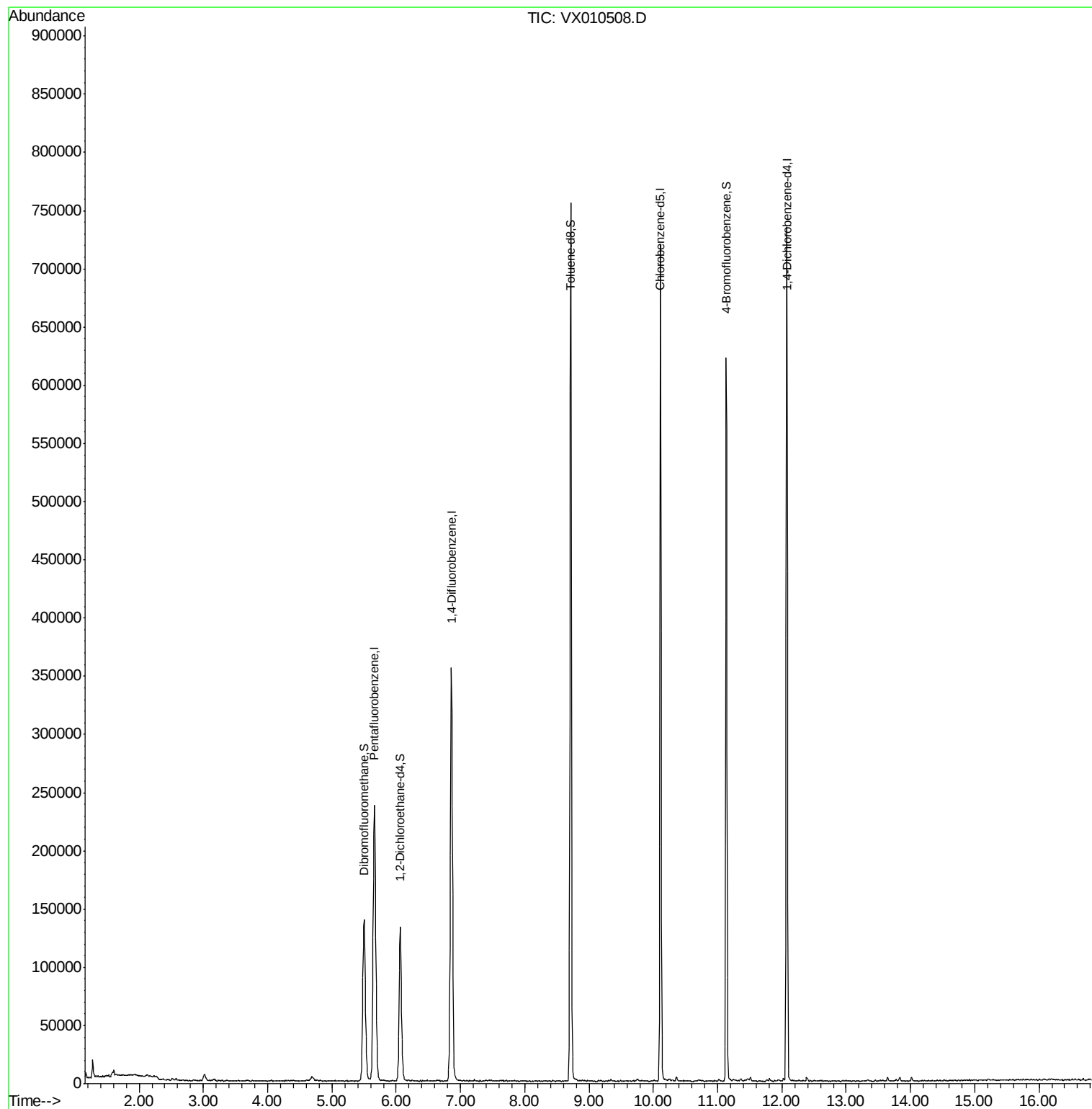
Target Compounds	Qvalue
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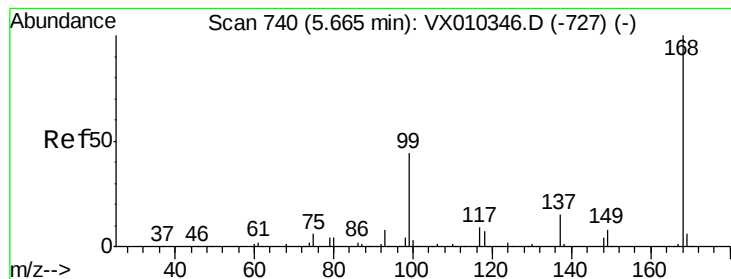
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010508.D

Acq: 28 Jun 2019 00:40

Instrument :

MSVOA_X

ClientSampled :

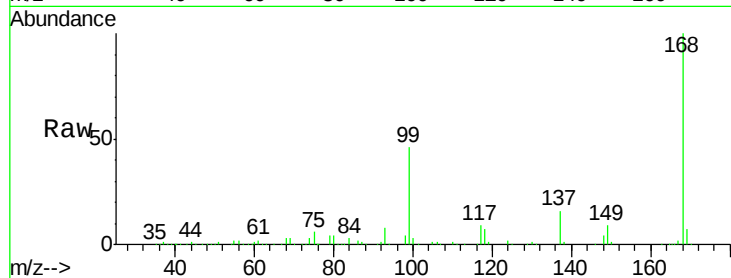
TRIP-BLANK

Tot Ion:168 Resp: 255935

Ion Ratio Lower Upper

168 100

99 45.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

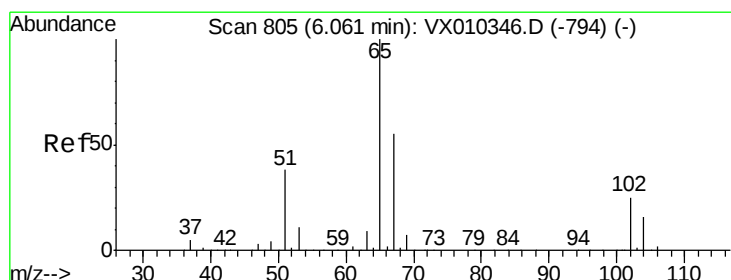
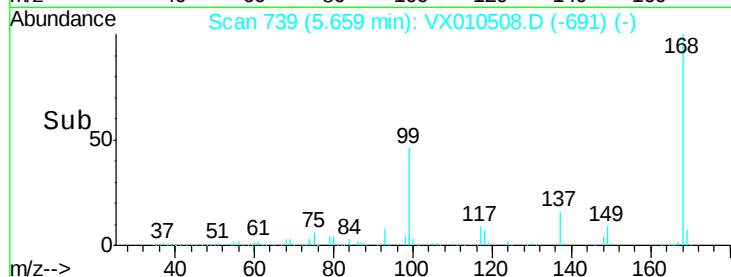
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.151 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010508.D

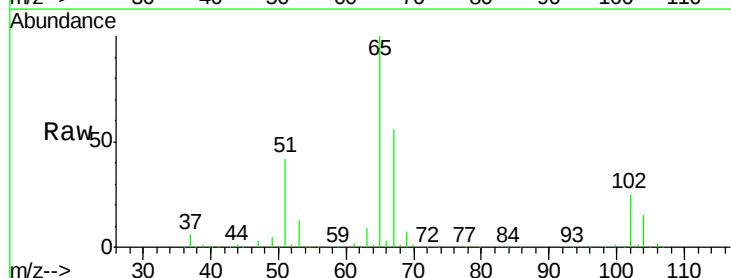
Acq: 28 Jun 2019 00:40

Tgt Ion: 65 Resp: 117945

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

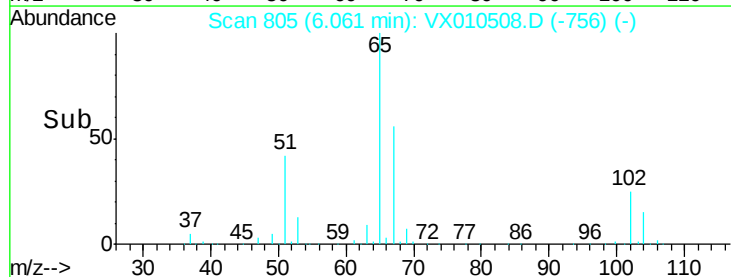
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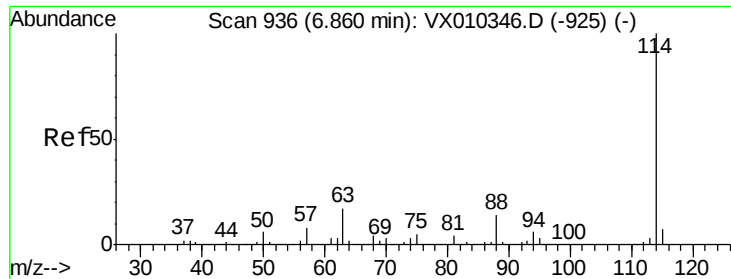
20000

10000

0

Time--> 6.00 6.10 6.20

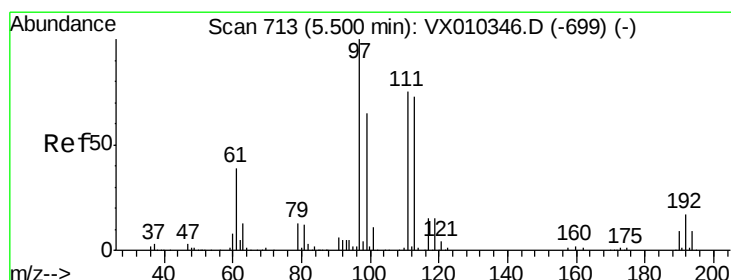
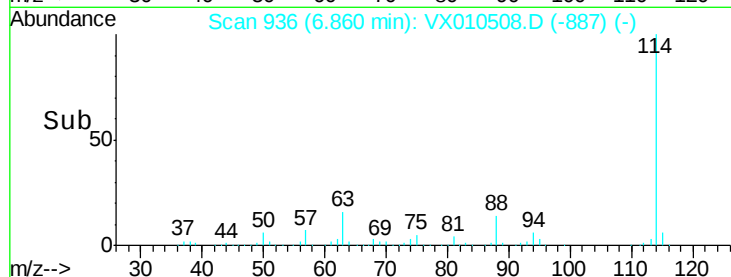
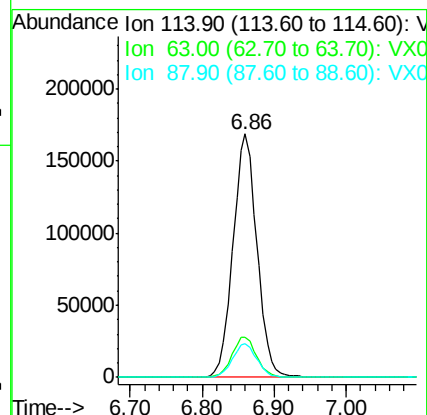
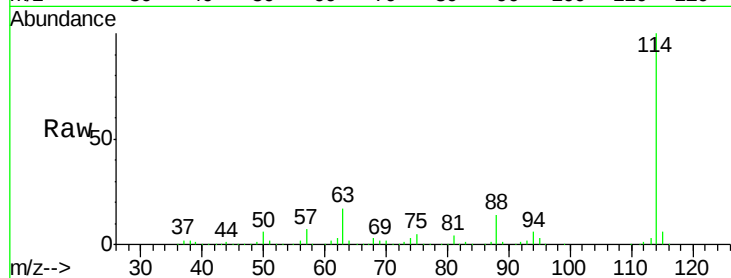




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010508.D
Acq: 28 Jun 2019 00:40

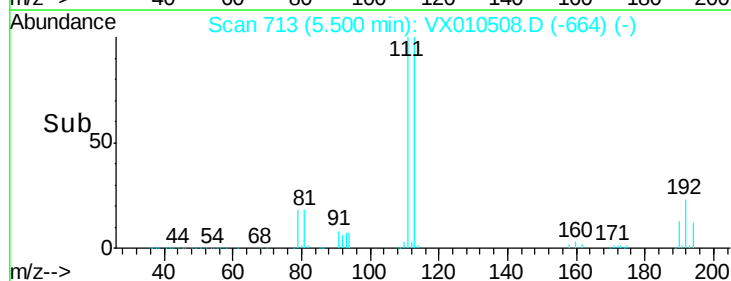
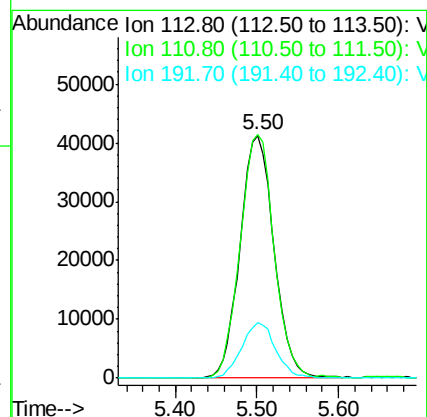
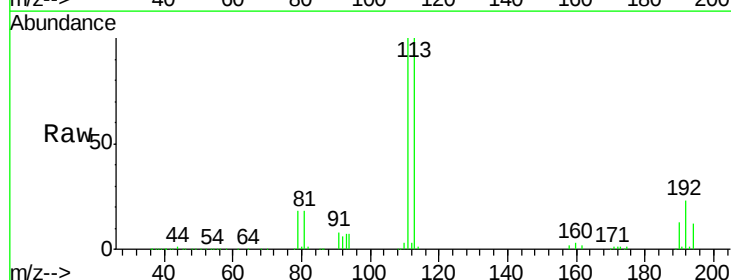
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

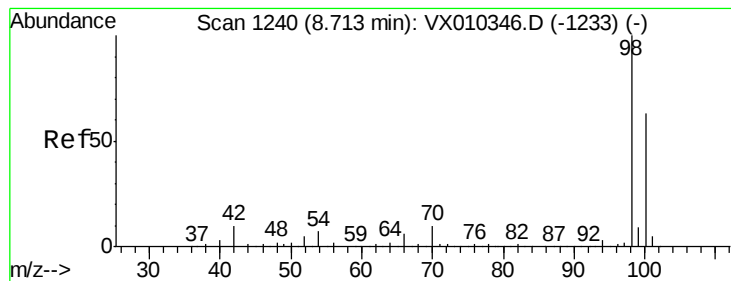
Tot Ion:114 Resp: 389800
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.8
88 13.7 0.0 27.6



#35
Dibromofluoromethane
Concen: 49.817 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010508.D
Acq: 28 Jun 2019 00:40

Tgt Ion:113 Resp: 118811
Ion Ratio Lower Upper
113 100
111 101.1 81.2 121.8
192 23.0 18.6 27.8





#50

Toluene-d8

Concen: 50.263 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010508.D

Acq: 28 Jun 2019 00:40

Instrument :

MSVOA_X

ClientSampleId :

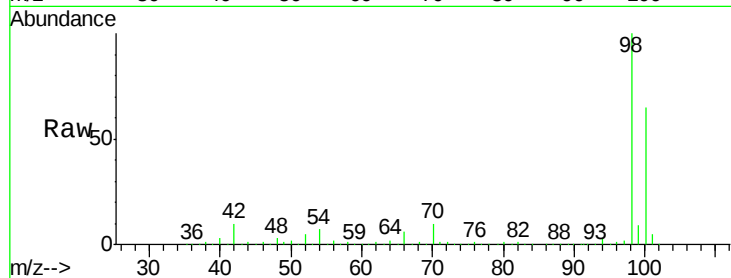
TRIP-BLANK

Tot Ion: 98 Resp: 458619

Ion Ratio Lower Upper

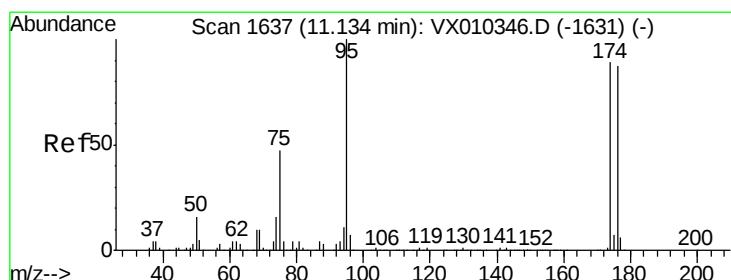
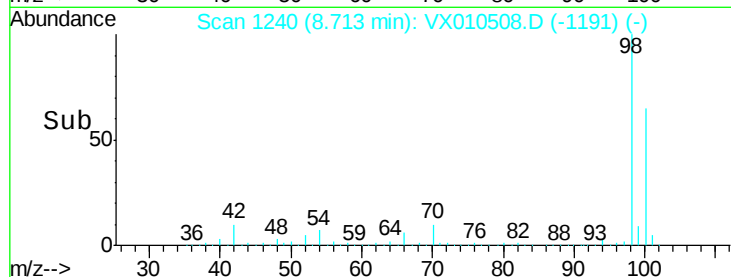
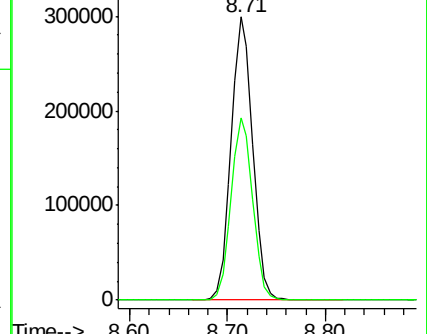
98 100

100 64.5 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: 46.390 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010508.D

Acq: 28 Jun 2019 00:40

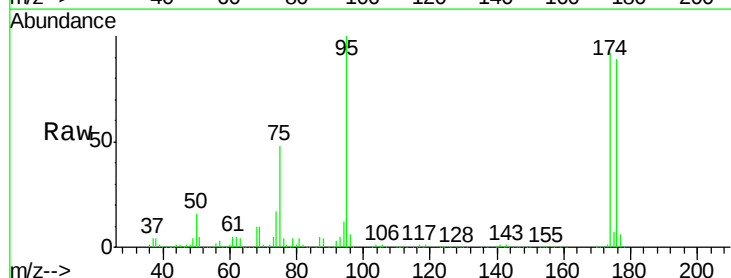
Tgt Ion: 95 Resp: 152816

Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.6

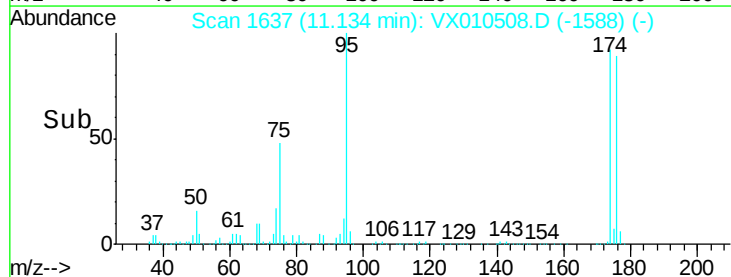
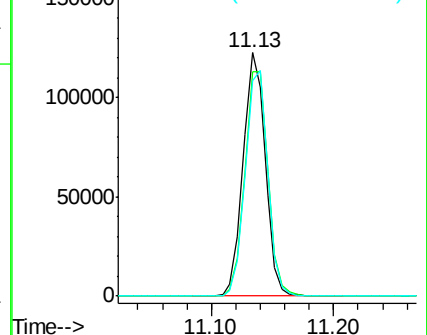
176 94.5 0.0 184.0

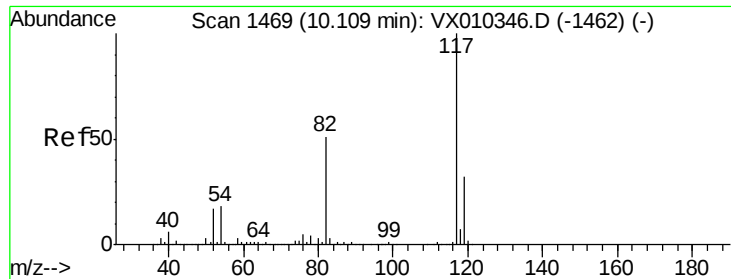


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

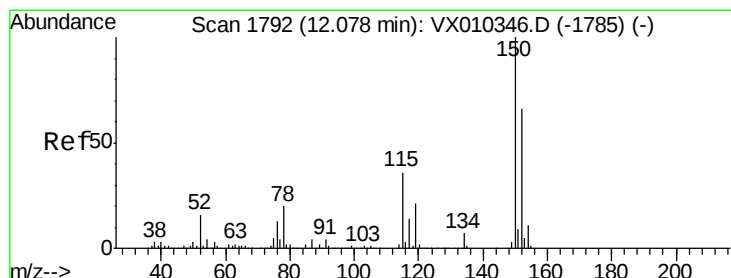
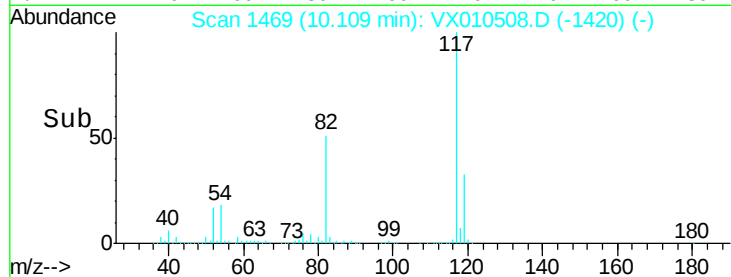
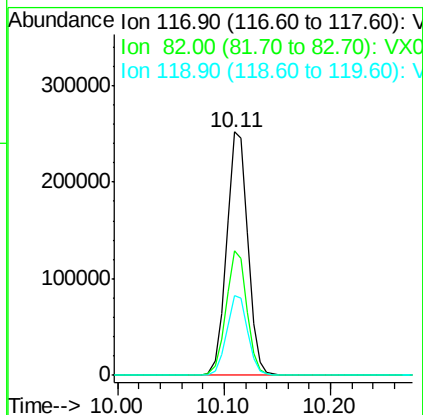
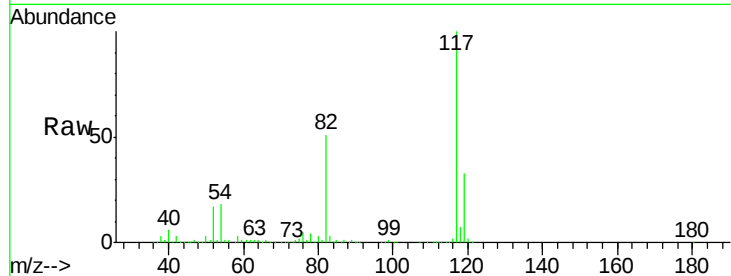




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010508.D
Acq: 28 Jun 2019 00:40

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 353295
Ion Ratio Lower Upper
117 100
82 51.1 41.2 61.8
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010508.D
Acq: 28 Jun 2019 00:40

Tgt Ion:152 Resp: 166734
Ion Ratio Lower Upper
152 100
115 54.1 38.6 115.7
150 156.0 0.0 347.4

