

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040419\
 Data File : VX008655.D
 Acq On : 04 Apr 2019 23:30
 Operator : JC/SP
 Sample : K2274-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB02-190402

Quant Time: Apr 05 10:59:33 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	5.66	168	213025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128667	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	146342	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
35) Dibromofluoromethane	5.50	113	108173	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
50) Toluene-d8	8.71	98	442404	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.13	95	148875	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	

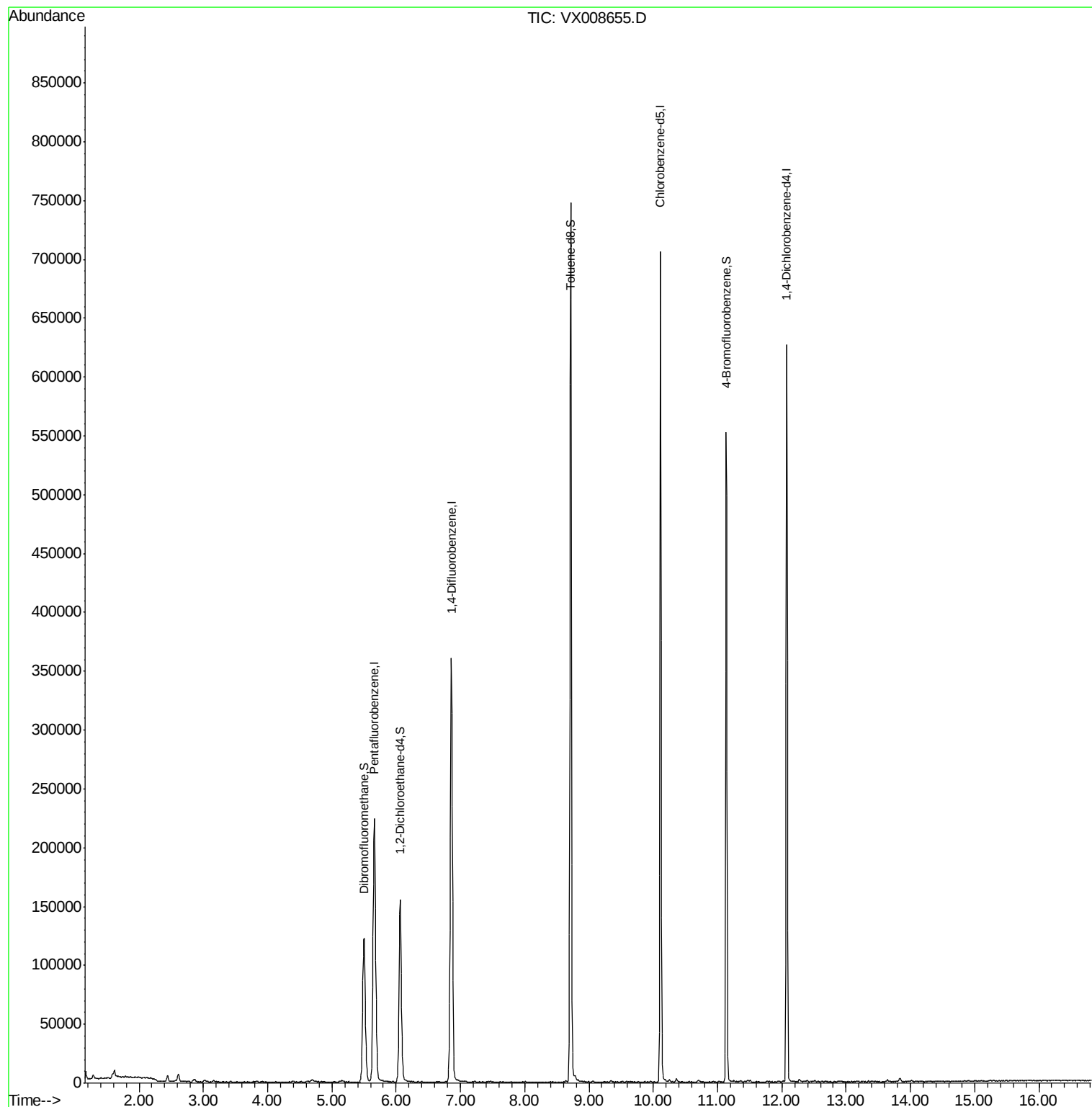
Target Compounds	Qvalue
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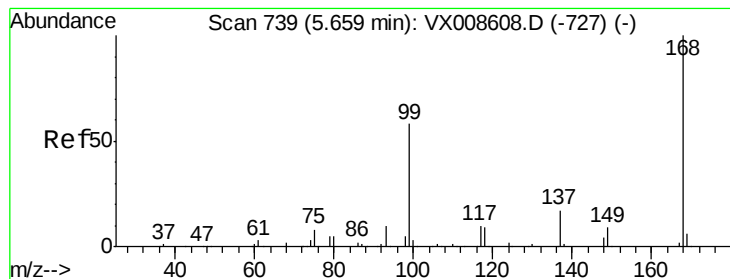
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008655.D

Acq: 04 Apr 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

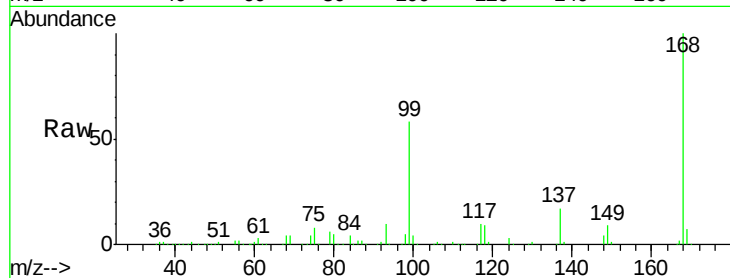
Z3-TB02-190402

Tot Ion:168 Resp: 213025

Ion Ratio Lower Upper

168 100

99 58.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

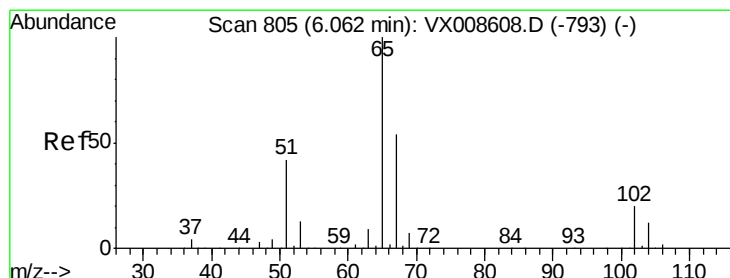
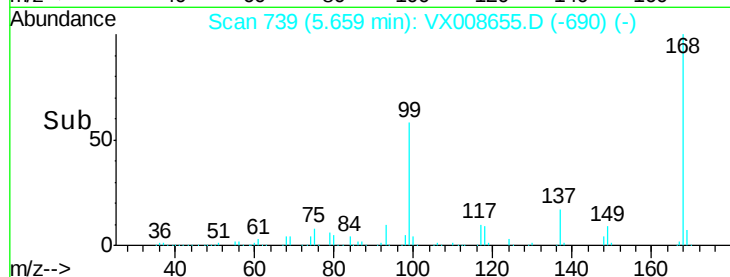
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.099 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008655.D

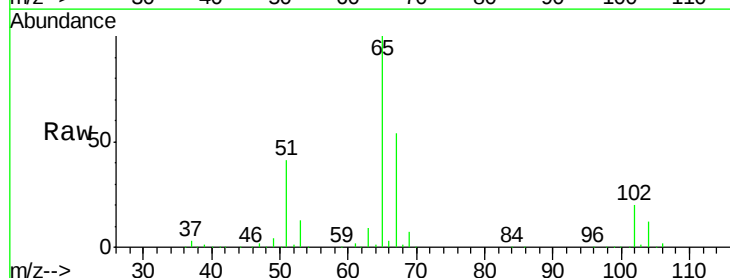
Acq: 04 Apr 2019 23:30

Tgt Ion: 65 Resp: 146342

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

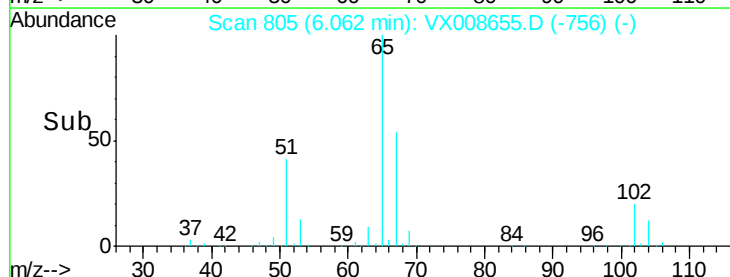
30000

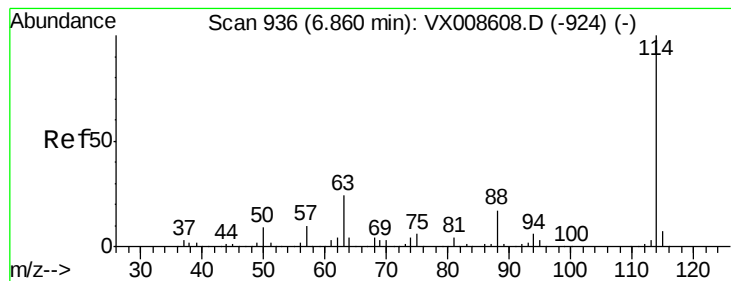
20000

10000

0

Time--> 5.90 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: VX008655.D

Acq: 04 Apr 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB02-190402

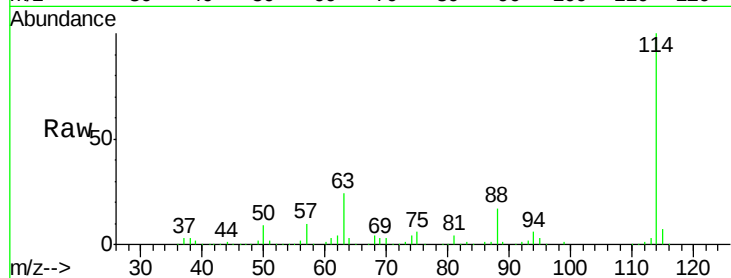
Tot Ion:114 Resp: 354280

Ion Ratio Lower Upper

114 100

63 23.8 0.0 47.2

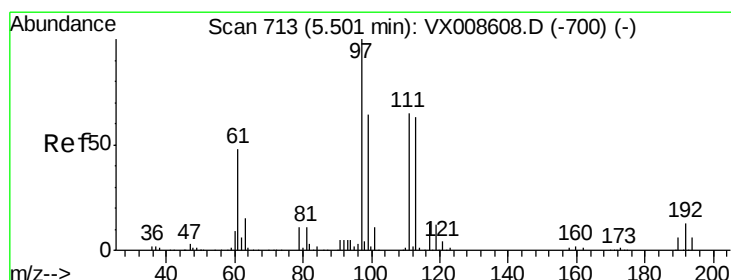
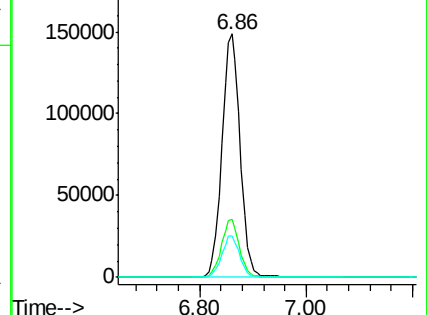
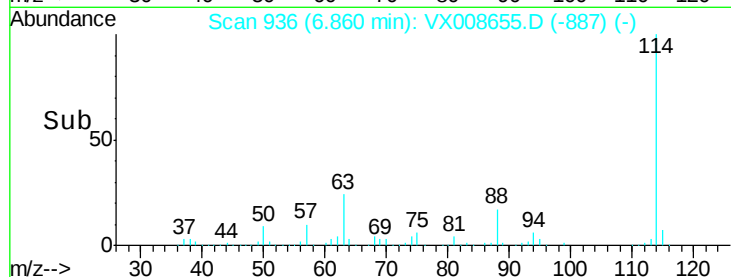
88 17.0 0.0 34.0



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: 47.756 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008655.D

Acq: 04 Apr 2019 23:30

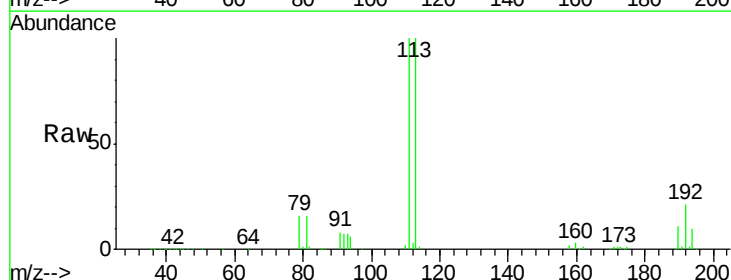
Tgt Ion:113 Resp: 108173

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.2

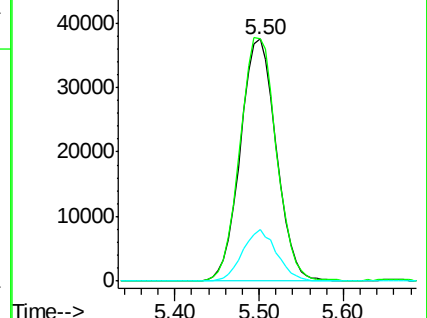
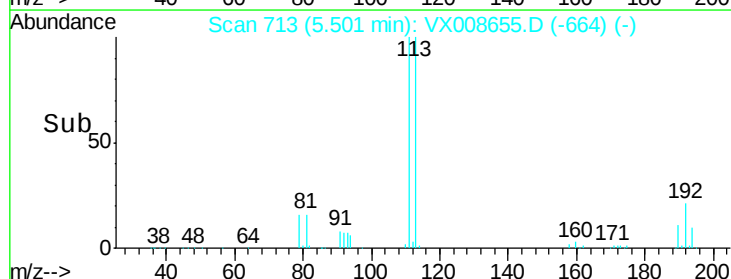
192 20.4 16.1 24.1

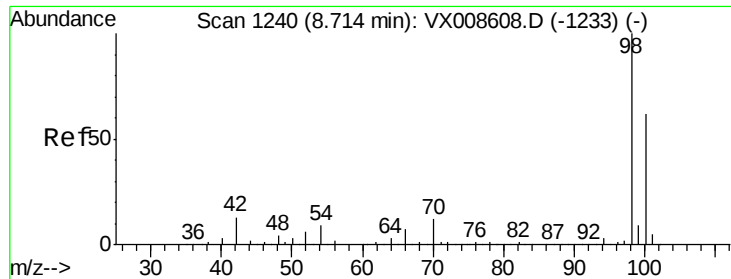


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.052 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008655.D

Acq: 04 Apr 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

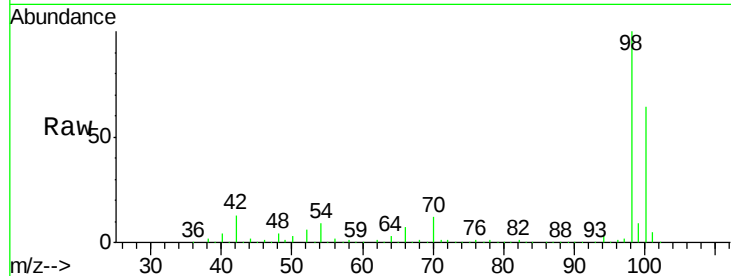
Z3-TB02-190402

Tot Ion: 98 Resp: 442404

Ion Ratio Lower Upper

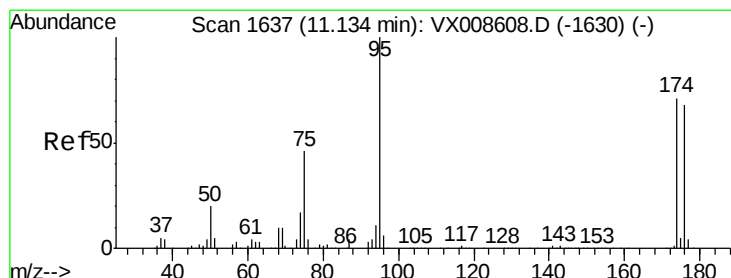
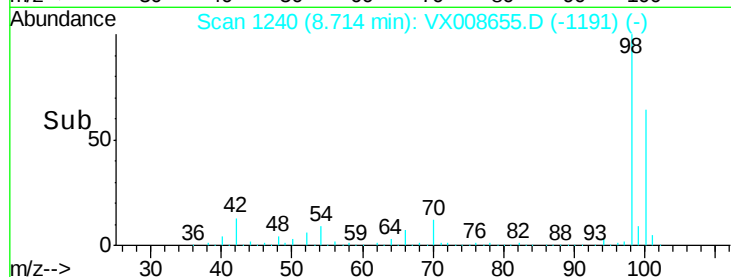
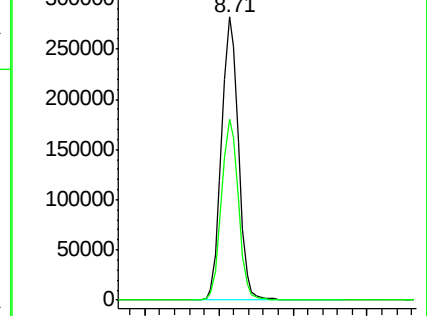
98 100

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): VX



#62

4-Bromofluorobenzene

Concen: 46.548 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008655.D

Acq: 04 Apr 2019 23:30

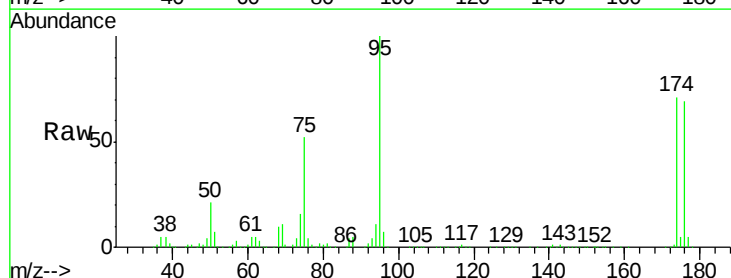
Tgt Ion: 95 Resp: 148875

Ion Ratio Lower Upper

95 100

174 76.1 0.0 151.8

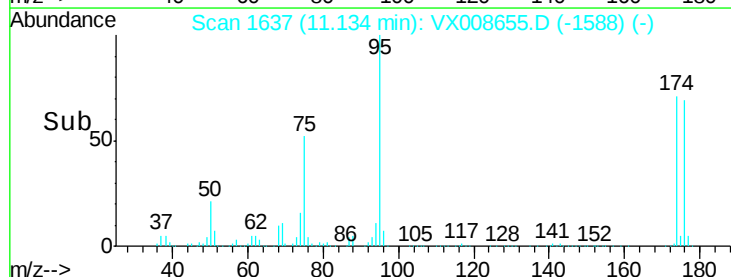
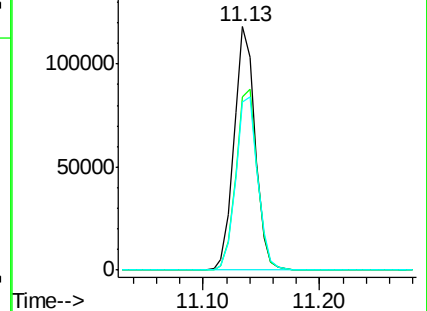
176 74.1 0.0 145.8

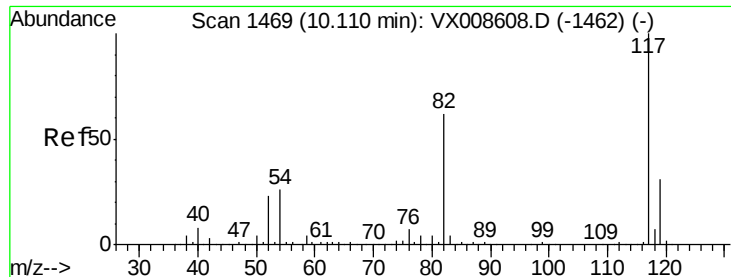


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

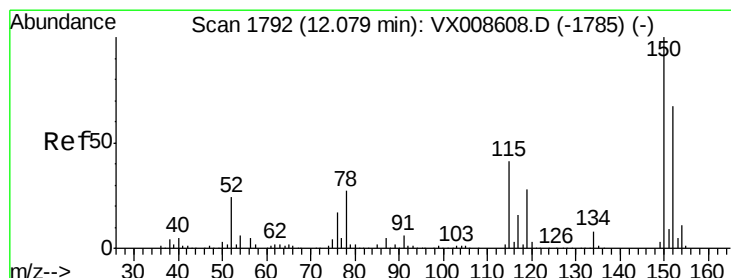
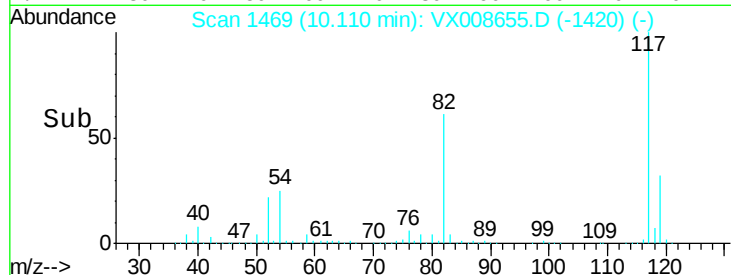
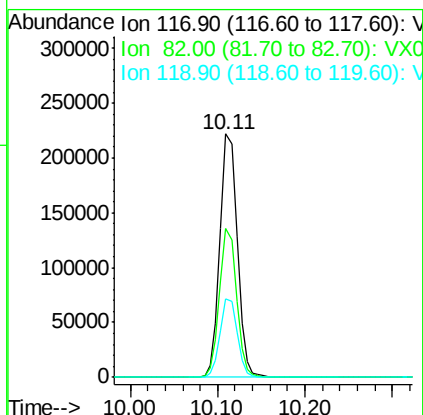
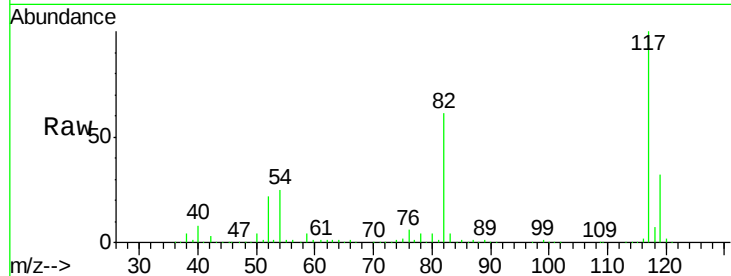




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008655.D
Acq: 04 Apr 2019 23:30

Instrument :
MSVOA_X
ClientSampleId :
Z3-TB02-190402

Tot Ion:117 Resp: 305790
Ion Ratio Lower Upper
117 100
82 61.1 49.6 74.4
119 32.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008655.D
Acq: 04 Apr 2019 23:30

Tgt Ion:152 Resp: 128667
Ion Ratio Lower Upper
152 100
115 60.1 43.5 130.5
150 157.3 0.0 348.8

