

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007704.D
 Acq On : 26 Feb 2019 09:07
 Operator : JC/SP
 Sample : K1603-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M2-T1-UV(PRE)

Quant Time: Feb 26 11:56:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	330244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	565038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	534895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242094	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	203284	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
35) Dibromofluoromethane	5.50	113	186226	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	685368	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	11.13	95	240403	45.30	ug/l	0.00
Spiked Amount			Recovery	=	90.60%	

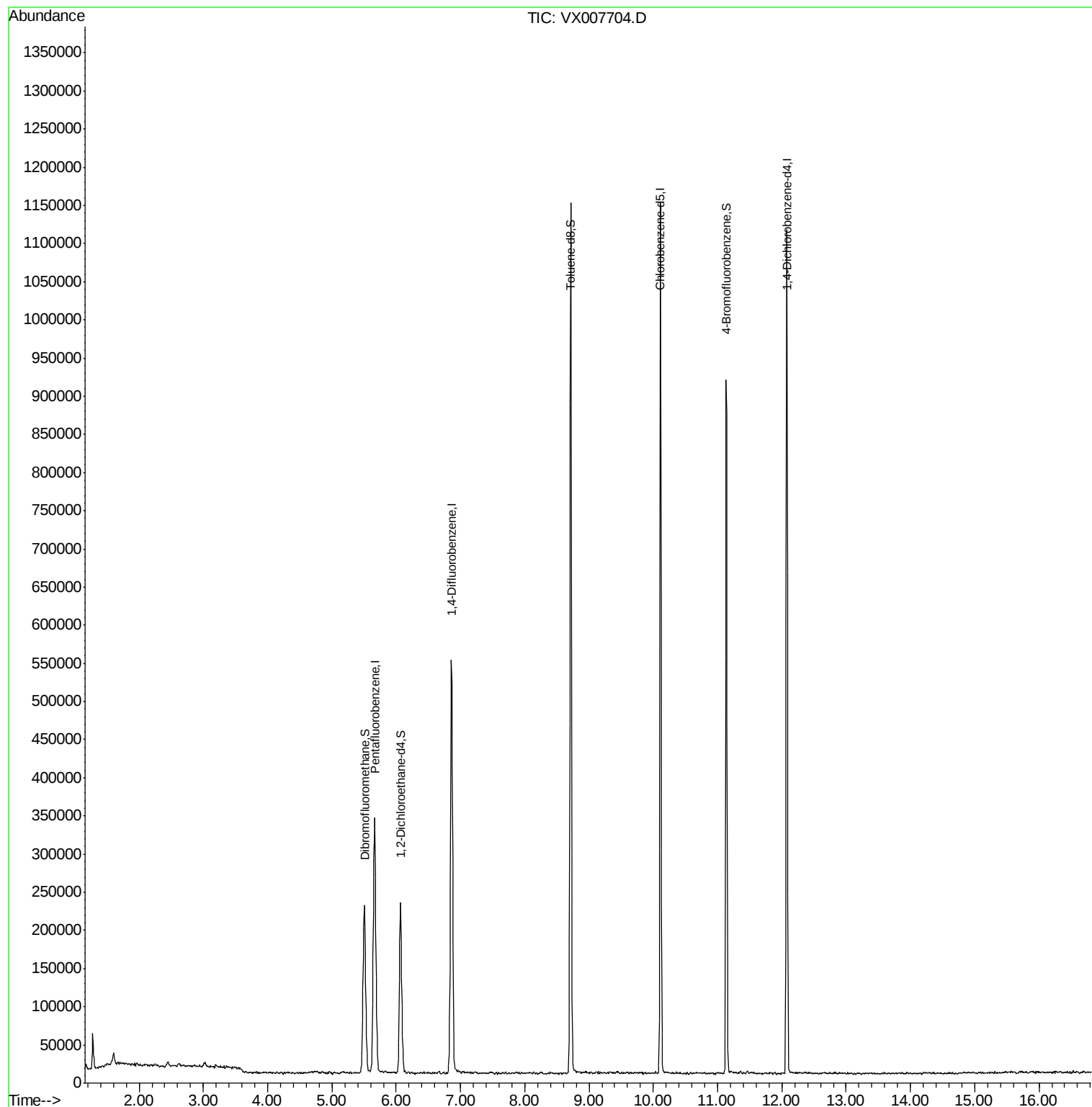
Target Compounds	Qvalue
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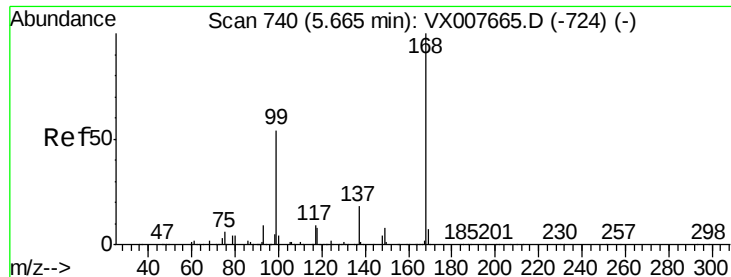
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX007704.D

Acq: 26 Feb 2019 09:07

Instrument :

MSVOA_X

ClientSampleId :

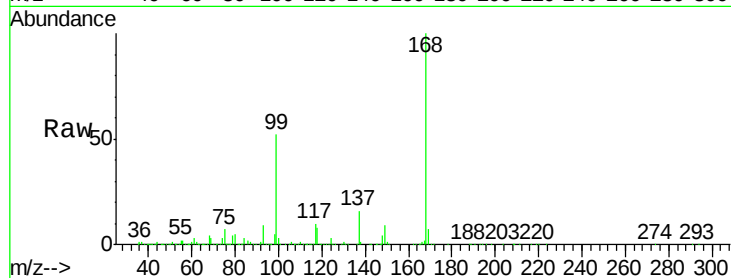
M2-T1-UV(PRE)

Tot Ion:168 Resp: 330244

Ion Ratio Lower Upper

168 100

99 51.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

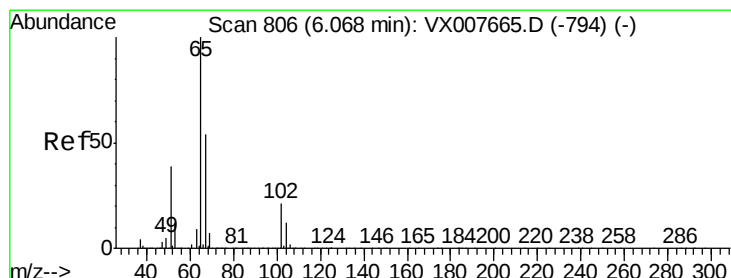
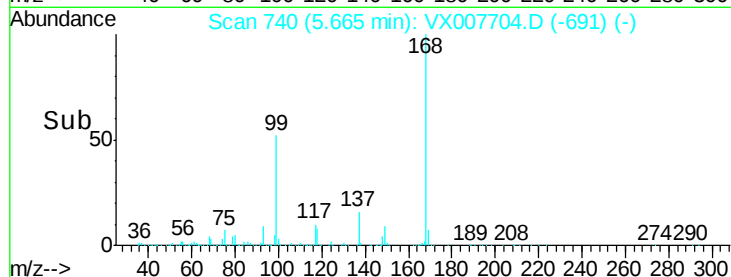
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.694 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007704.D

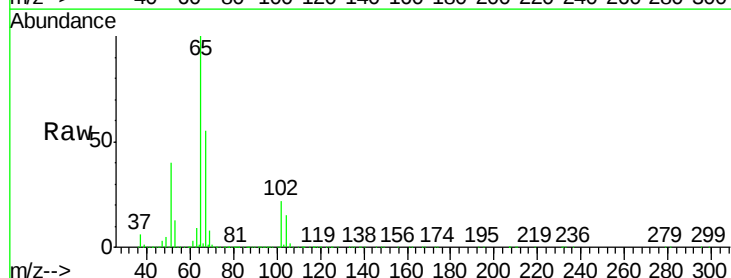
Acq: 26 Feb 2019 09:07

Tgt Ion: 65 Resp: 203284

Ion Ratio Lower Upper

65 100

67 54.7 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

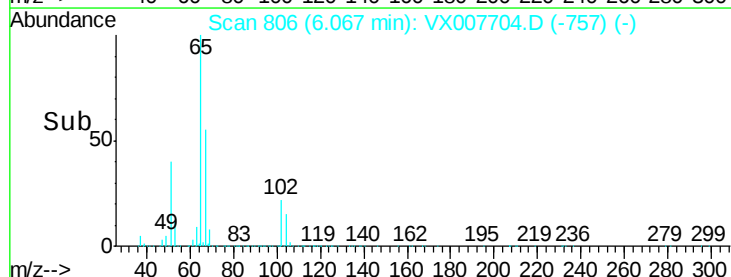
60000

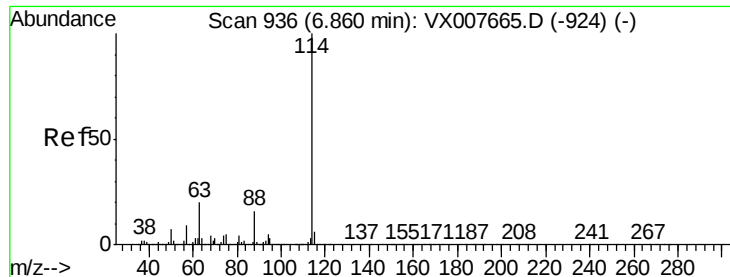
40000

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: VX007704.D

Acq: 26 Feb 2019 09:07

Instrument :

MSVOA_X

ClientSampleId :

M2-T1-UV(PRE)

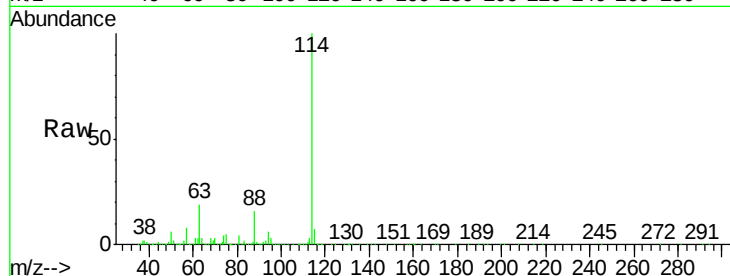
Tot Ion:114 Resp: 565038

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

88 15.5 0.0 29.6



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

300000

200000

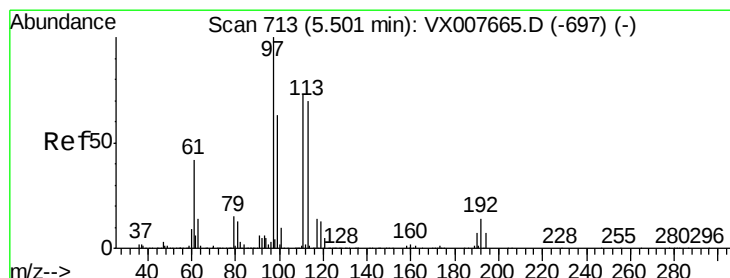
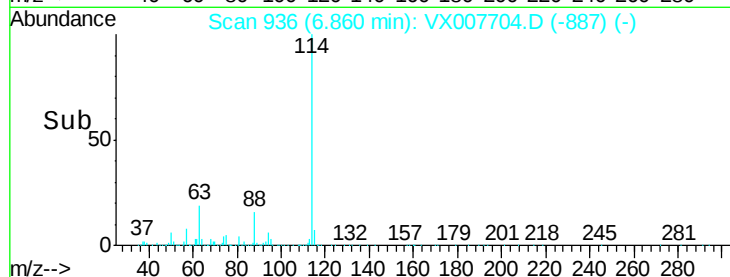
100000

0

6.86

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 49.304 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007704.D

Acq: 26 Feb 2019 09:07

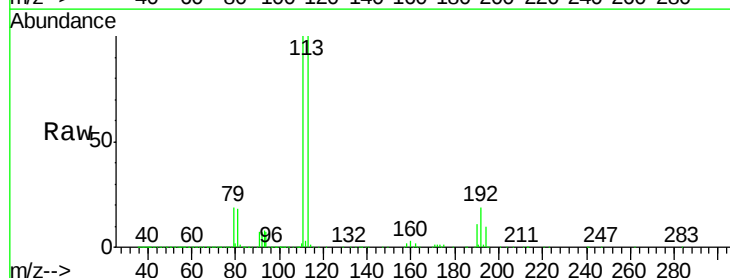
Tgt Ion:113 Resp: 186226

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

192 20.7 18.5 27.7



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

80000

60000

40000

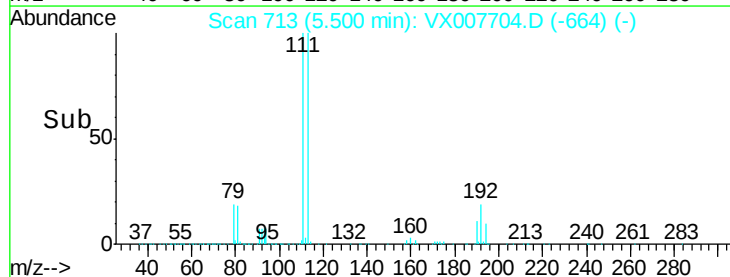
20000

0

5.50

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 47.397 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007704.D

Acq: 26 Feb 2019 09:07

Instrument :

MSVOA_X

ClientSampleId :

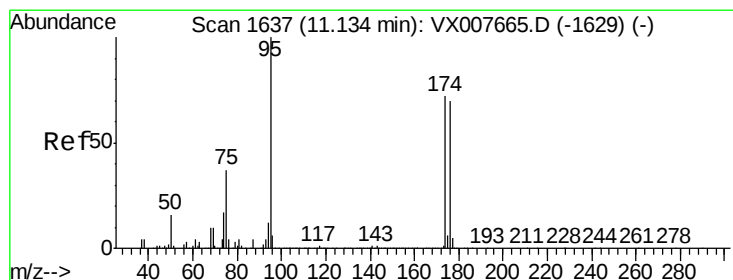
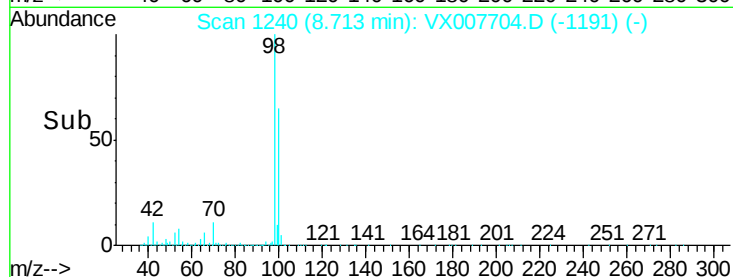
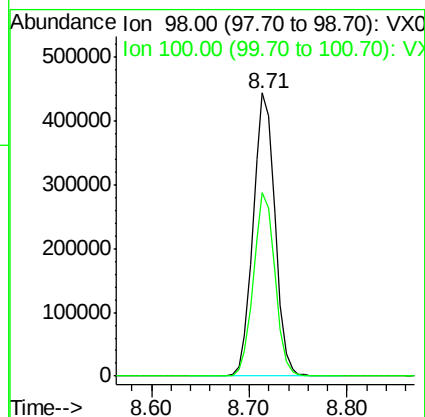
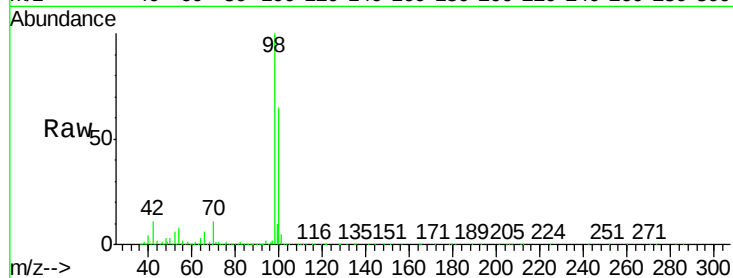
M2-T1-UV(PRE)

Tot Ion: 98 Resp: 685368

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 45.296 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007704.D

Acq: 26 Feb 2019 09:07

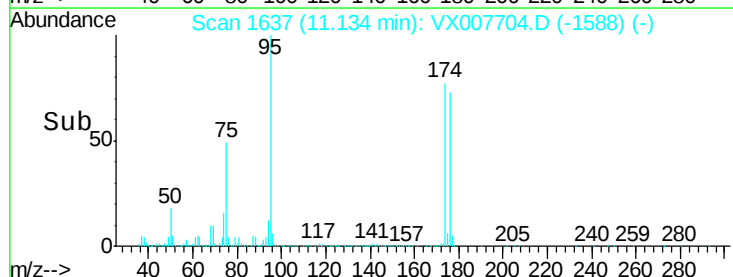
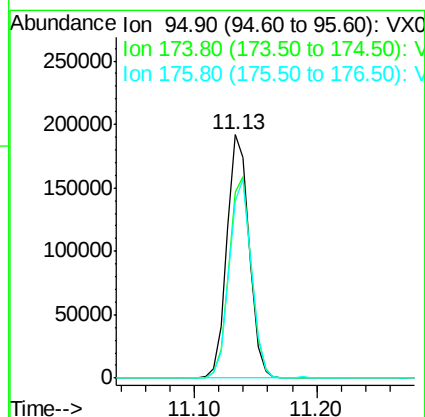
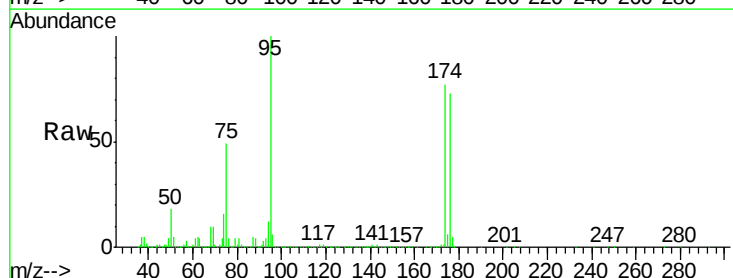
Tgt Ion: 95 Resp: 240403

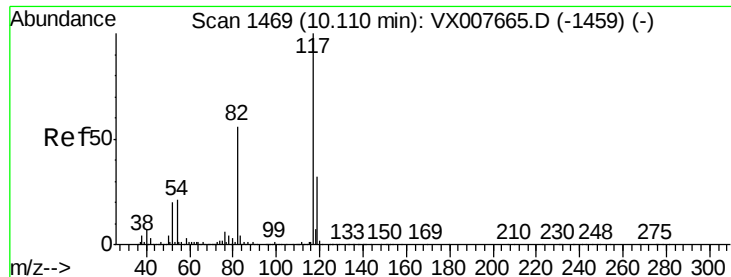
Ion Ratio Lower Upper

95 100

174 82.9 0.0 189.2

176 80.9 0.0 186.2

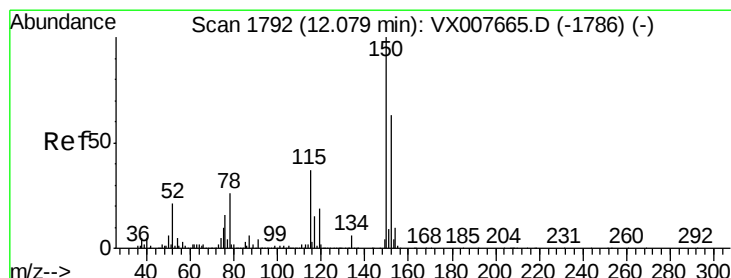
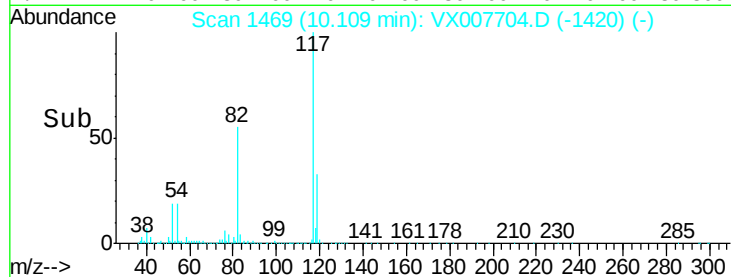
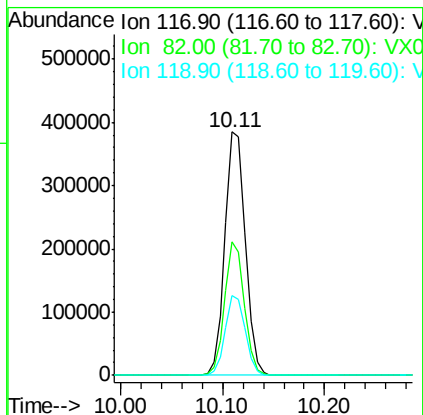
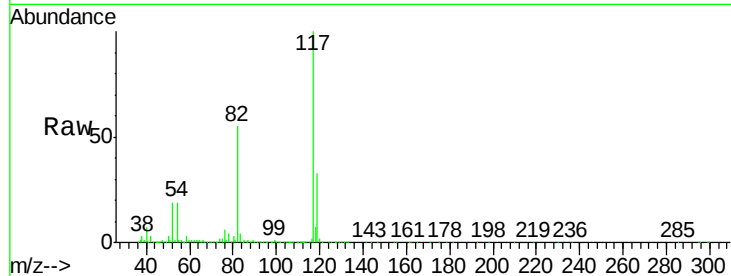




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007704.D
Acq: 26 Feb 2019 09:07

Instrument :
MSVOA_X
ClientSampleId :
M2-T1-UV(PRE)

Tot Ion:117 Resp: 534895
Ion Ratio Lower Upper
117 100
82 54.8 42.1 63.1
119 32.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007704.D
Acq: 26 Feb 2019 09:07

Tgt Ion:152 Resp: 242094
Ion Ratio Lower Upper
152 100
115 56.1 38.0 114.0
150 156.2 0.0 346.4

