

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054606.D
 Acq On : 23 Mar 2019 15:59
 Operator : JC/SP
 Sample : K1912-08 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M3-T4-OZ(POST-HYPO)

Quant Time: Mar 25 04:16:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	598469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	968707	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	792155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	301875	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	432597	58.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.22%	
35) Dibromofluoromethane	7.59	113	337592	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
50) Toluene-d8	10.09	98	1289436	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
62) 4-Bromofluorobenzene	12.40	95	395985	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	

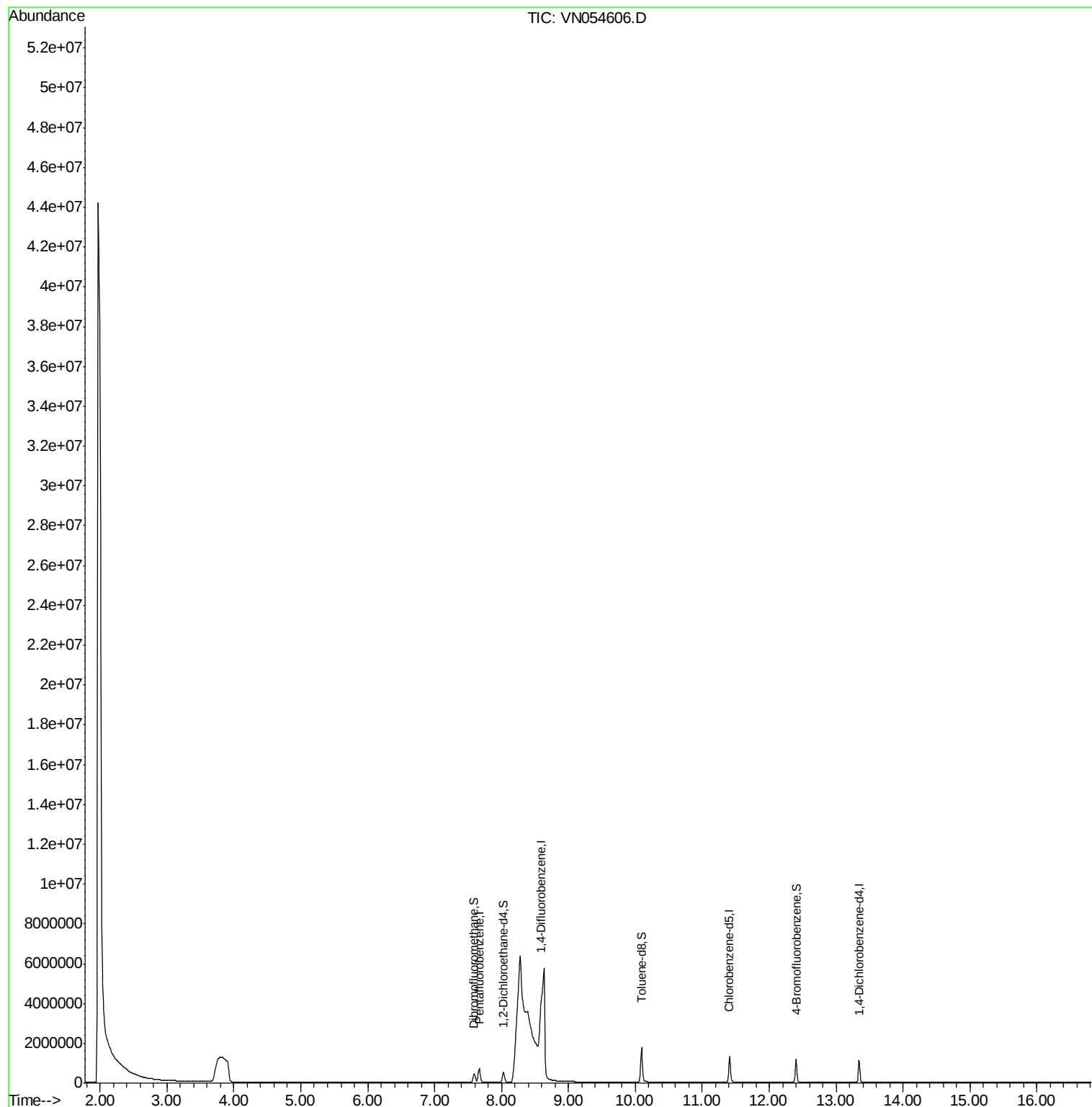
Target Compounds	Qvalue
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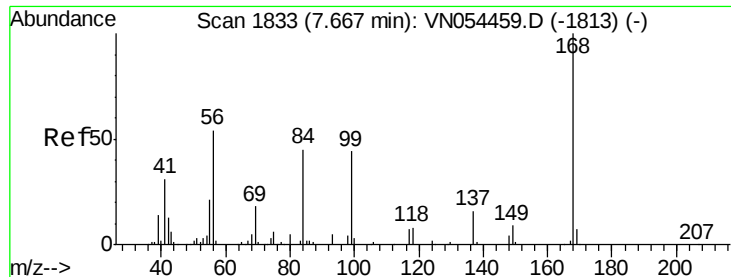
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054606.D

Acq: 23 Mar 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

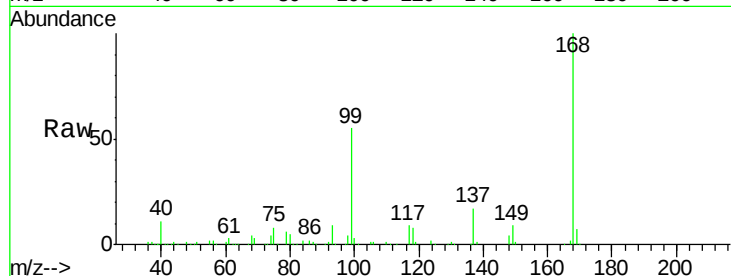
M3-T4-OZ(POST-HYPO)

Tot Ion:168 Resp: 598469

Ion Ratio Lower Upper

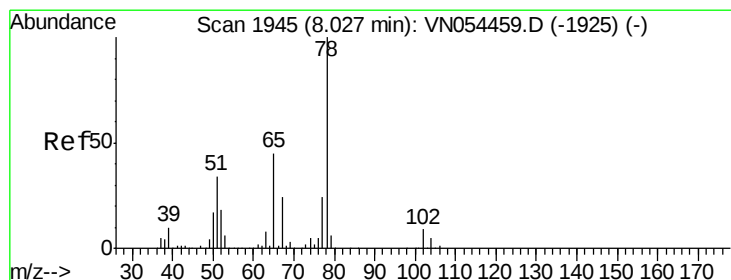
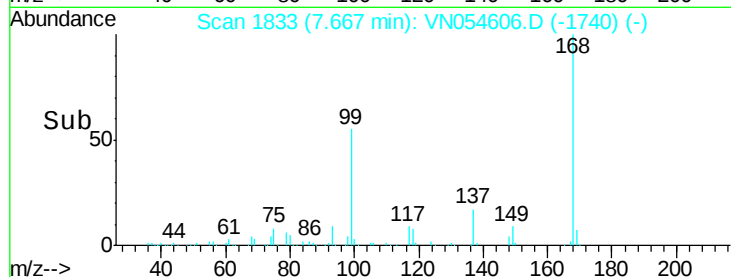
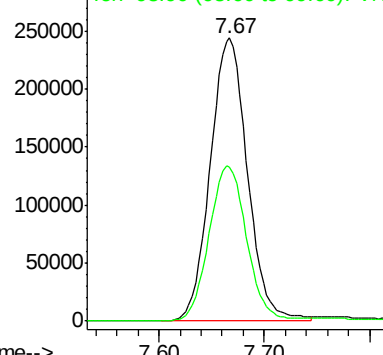
168 100

99 54.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 58.114 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054606.D

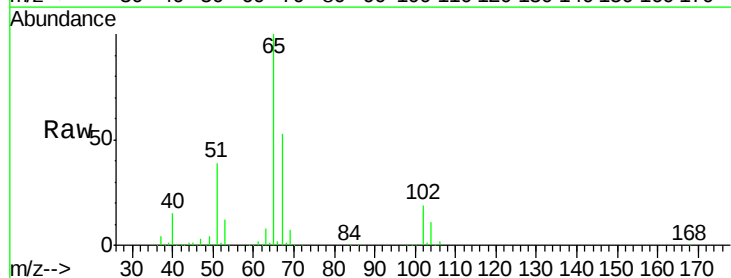
Acq: 23 Mar 2019 15:59

Tgt Ion: 65 Resp: 432597

Ion Ratio Lower Upper

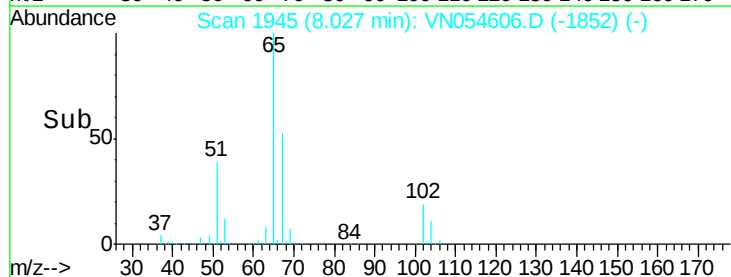
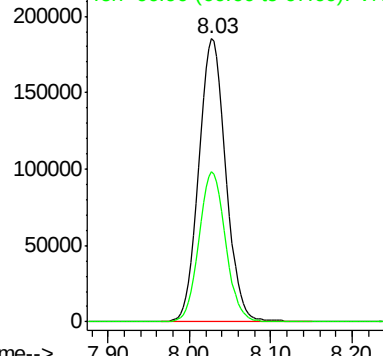
65 100

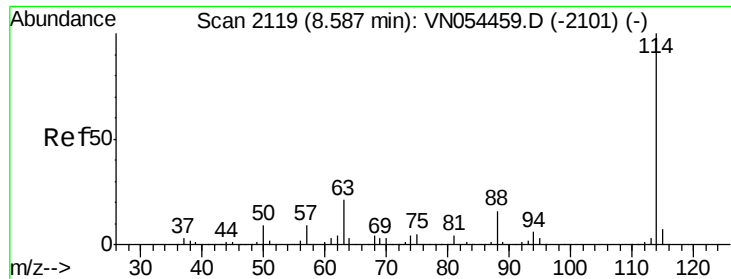
67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

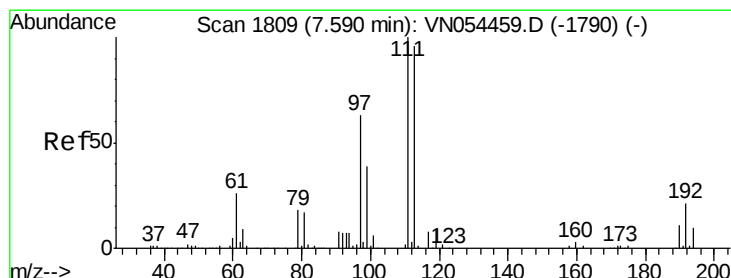
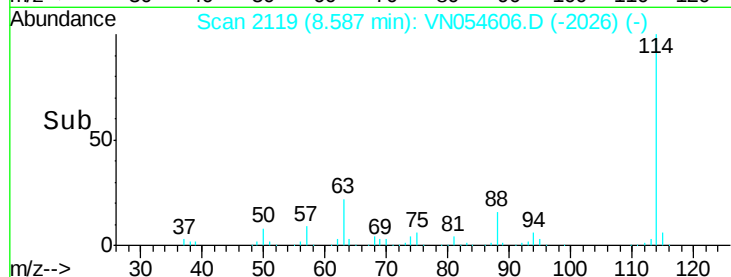
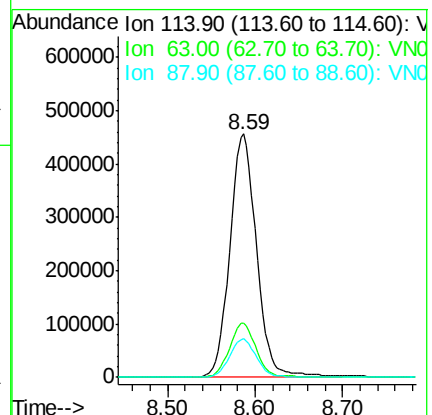
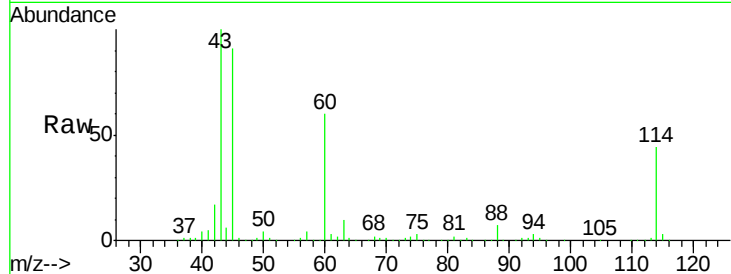




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054606.D
 Acq: 23 Mar 2019 15:59

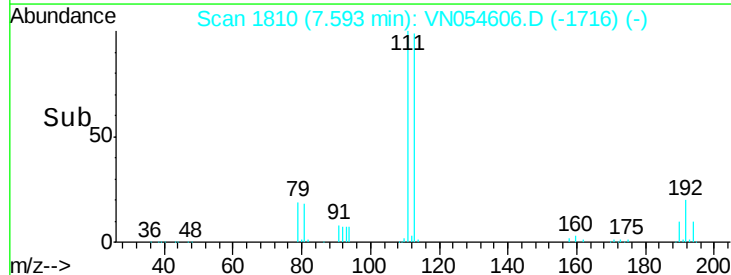
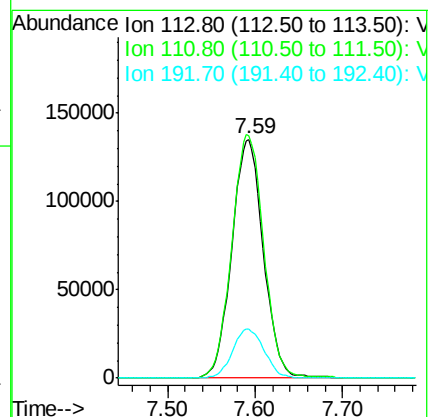
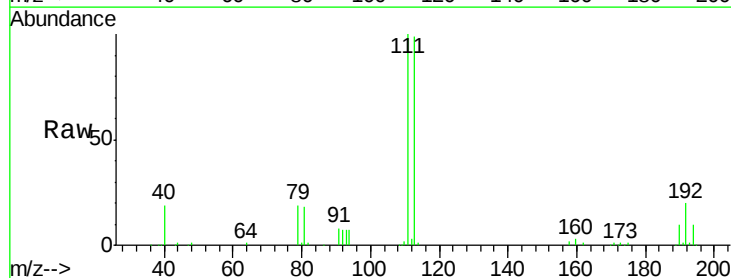
Instrument :
 MSVOA_N
 ClientSampleId :
 M3-T4-OZ(POST-HYPO)

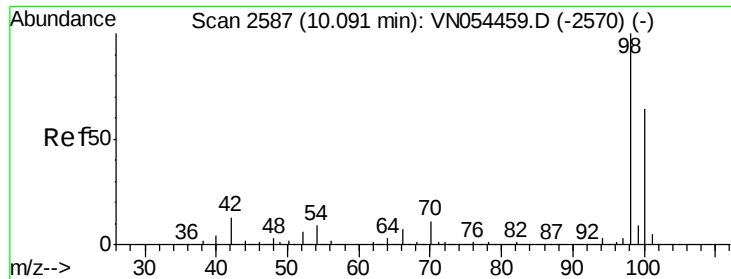
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	35.2
88	15.7	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 54.094 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054606.D
 Acq: 23 Mar 2019 15:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	20.7	19.2	28.8





#50

Toluene-d8

Concen: 54.959 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054606.D

Acq: 23 Mar 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

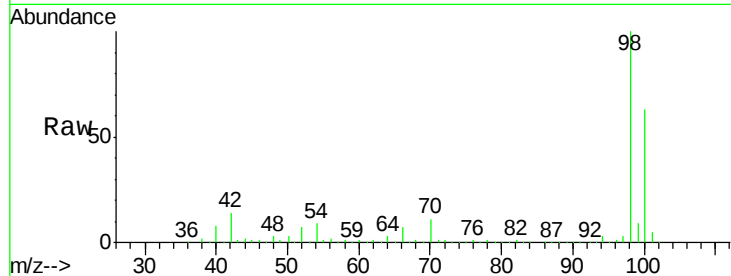
M3-T4-OZ(POST-HYPO)

Tot Ion: 98 Resp: 1289436

Ion Ratio Lower Upper

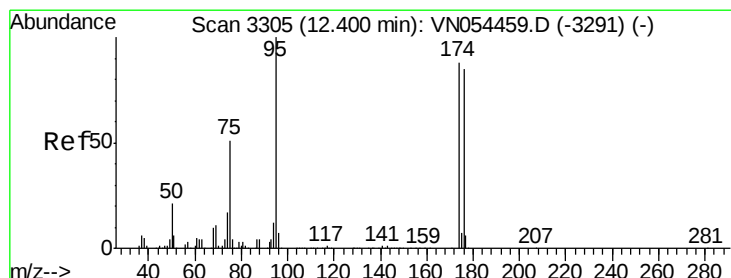
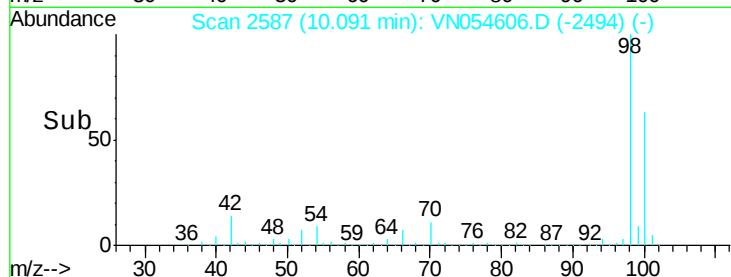
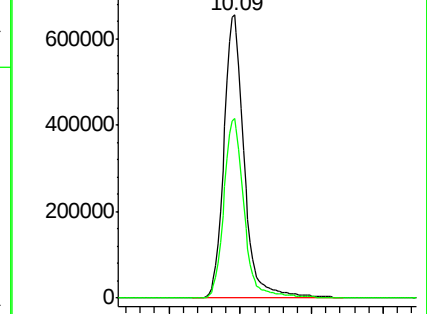
98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 49.599 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054606.D

Acq: 23 Mar 2019 15:59

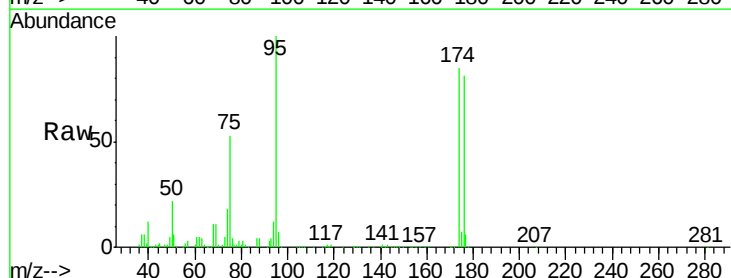
Tgt Ion: 95 Resp: 395985

Ion Ratio Lower Upper

95 100

174 85.5 0.0 191.0

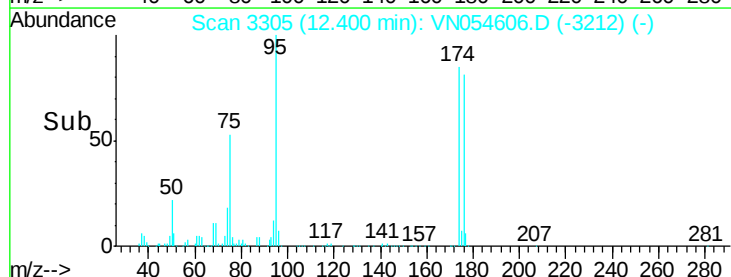
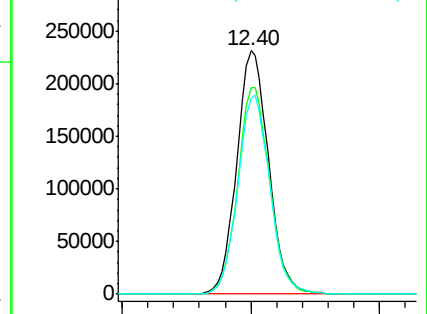
176 82.4 0.0 187.4

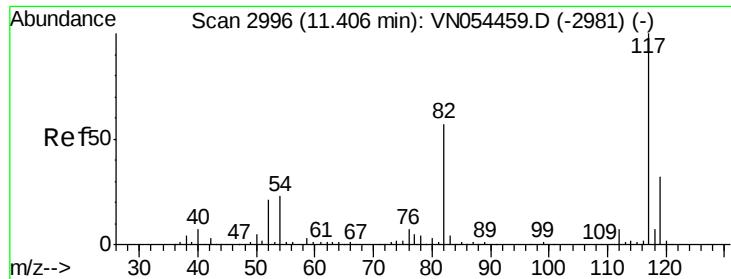


Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)

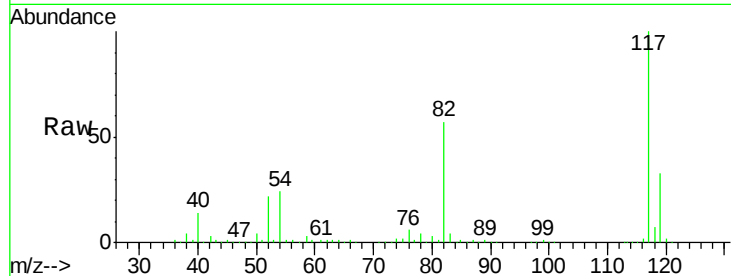




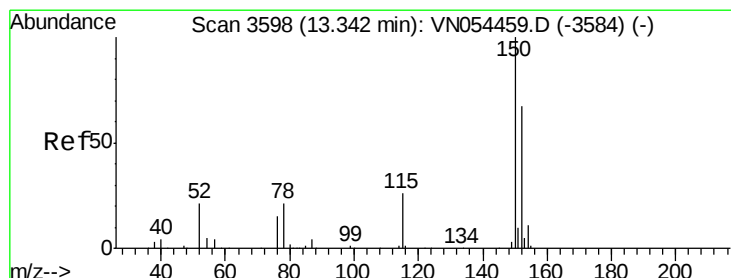
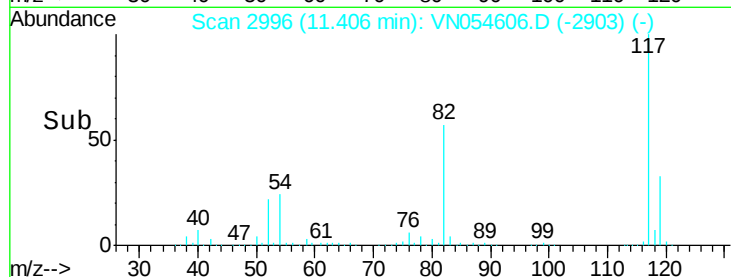
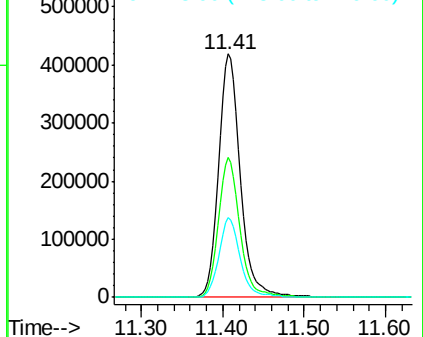
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054606.D
Acq: 23 Mar 2019 15:59

Instrument :
MSVOA_N
ClientSampleId :
M3-T4-OZ(POST-HYPO)

Tot Ion:117 Resp: 792155
Ion Ratio Lower Upper
117 100
82 57.2 40.0 60.0
119 32.7 25.8 38.6

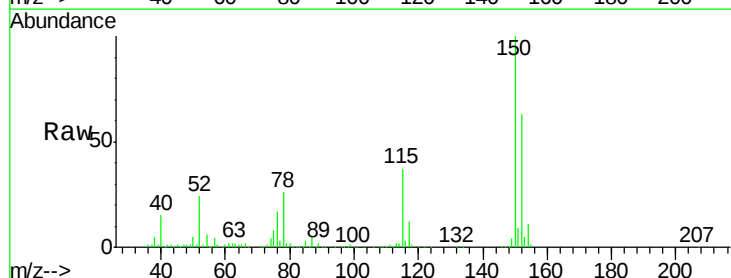


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054606.D
Acq: 23 Mar 2019 15:59

Tgt Ion:152 Resp: 301875
Ion Ratio Lower Upper
152 100
115 58.0 27.2 81.6
150 157.9 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

