

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054508.D
 Acq On : 21 Mar 2019 13:53
 Operator : JC/SP
 Sample : K2019-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-190319

Quant Time: Mar 22 10:22:58 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	715764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1100224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	876584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	302887	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	431593	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	7.59	113	342030	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	10.09	98	1279725	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.40	95	376140	41.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.96%	

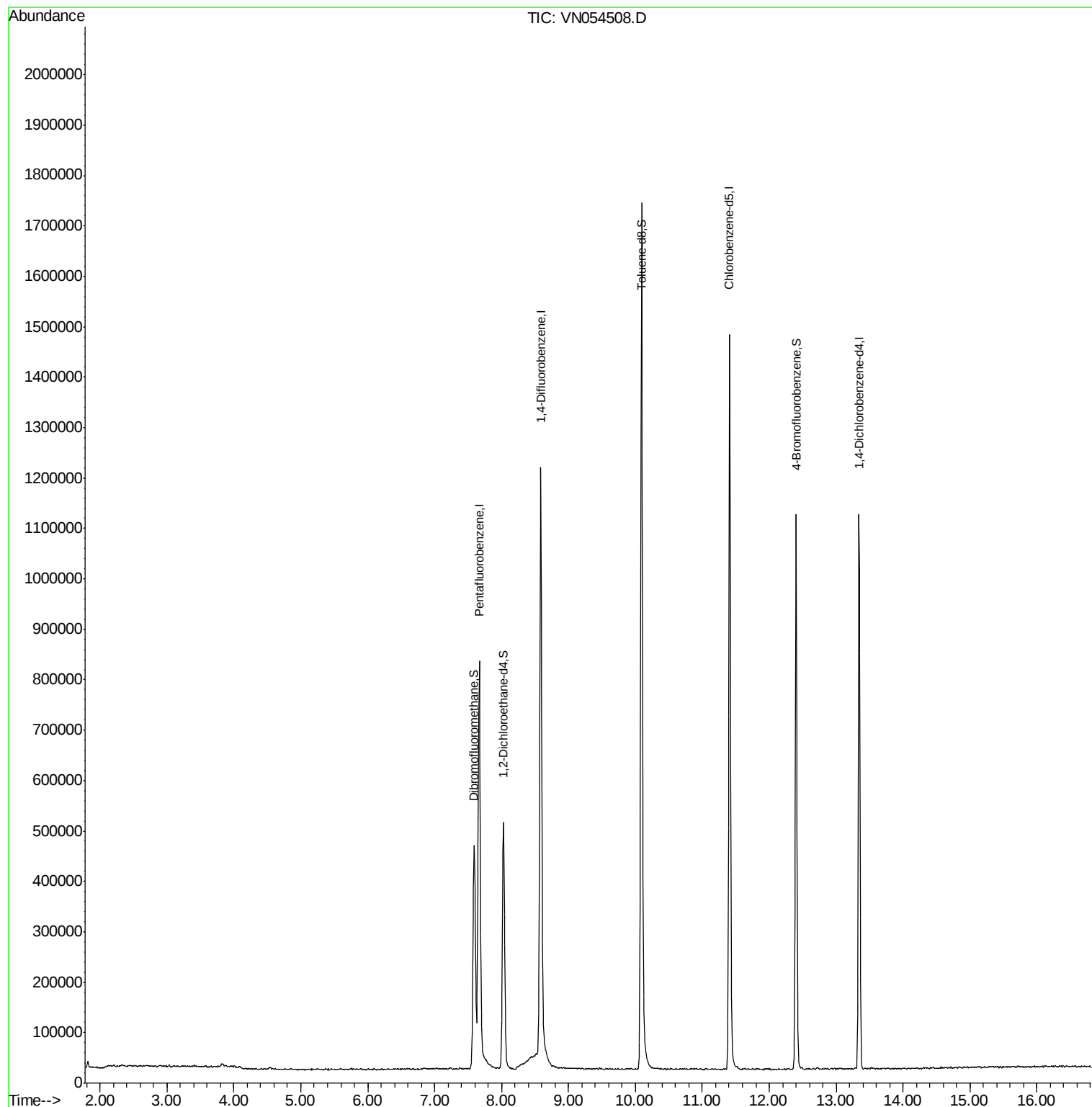
Target Compounds	Qvalue

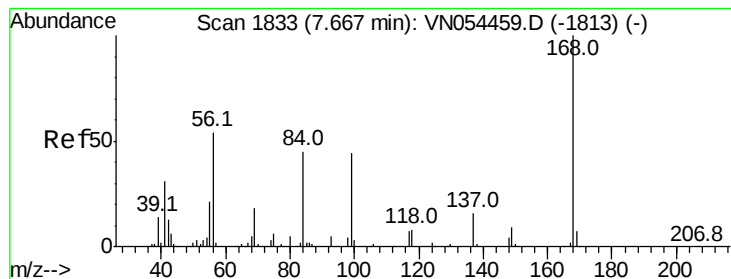
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054508.D

Acq: 21 Mar 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

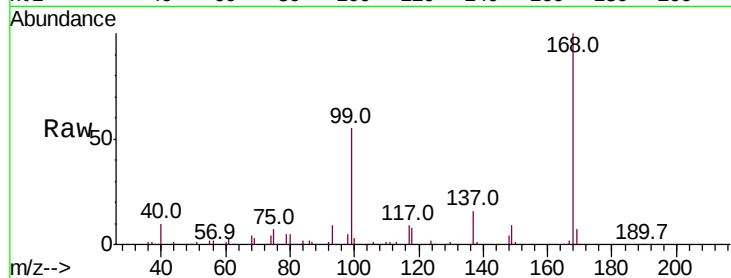
TB-01-190319

Tot Ion:168 Resp: 715764

Ion Ratio Lower Upper

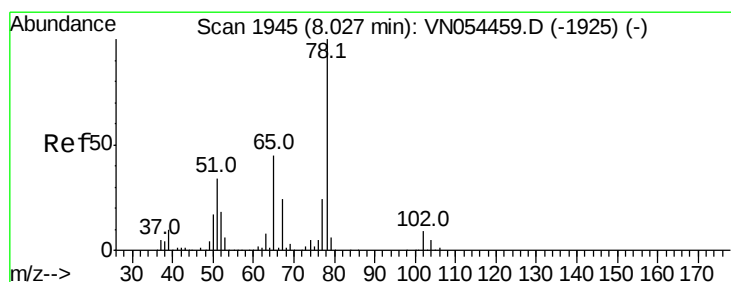
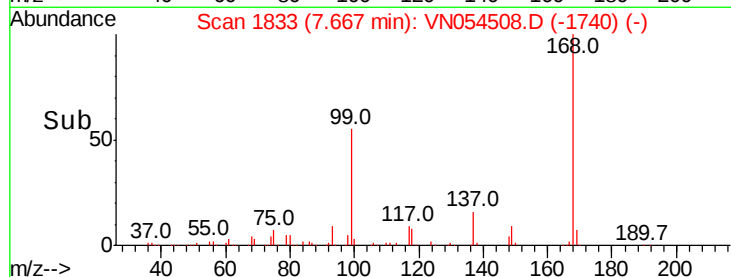
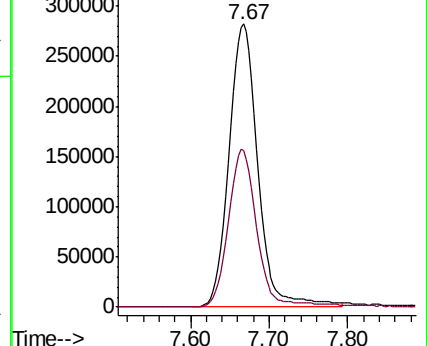
168 100

99 55.2 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: 48.477 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054508.D

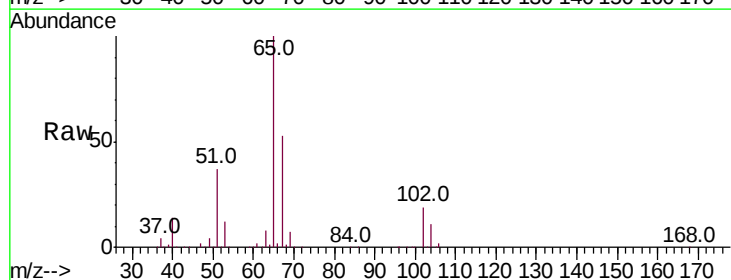
Acq: 21 Mar 2019 13:53

Tgt Ion: 65 Resp: 431593

Ion Ratio Lower Upper

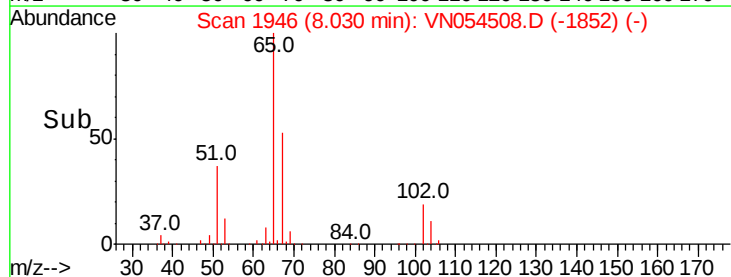
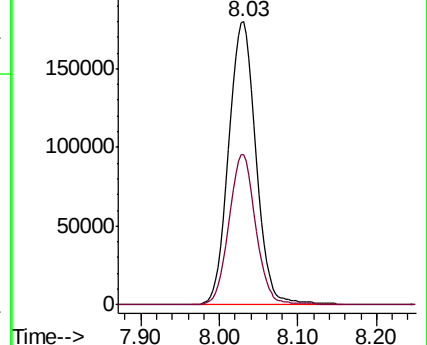
65 100

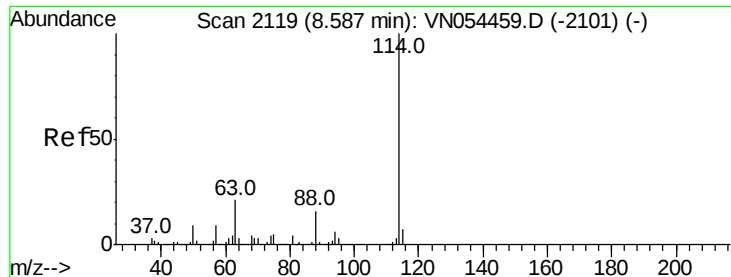
67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

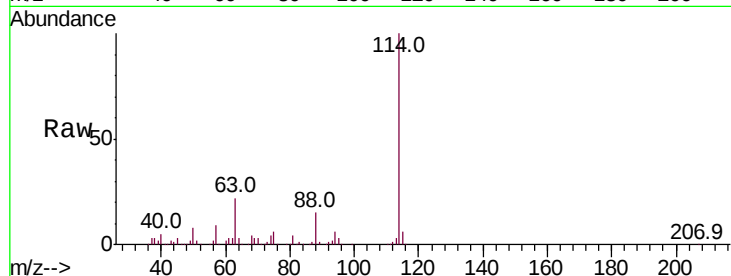




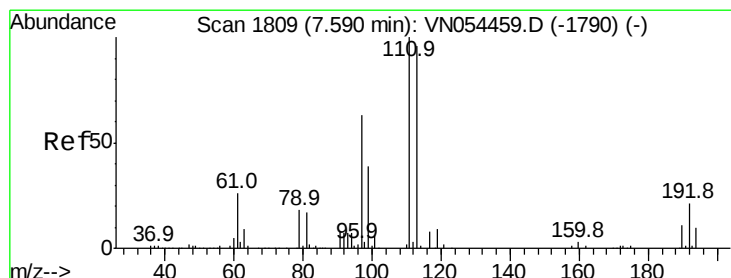
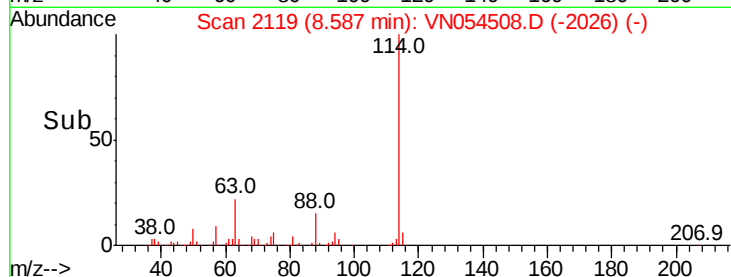
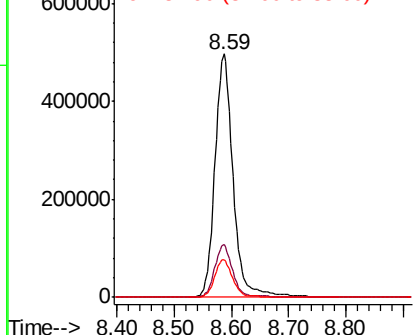
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054508.D
Acq: 21 Mar 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
TB-01-190319

Tot Ion:114 Resp: 1100224
Ion Ratio Lower Upper
114 100
63 21.6 0.0 35.2
88 15.5 0.0 30.2

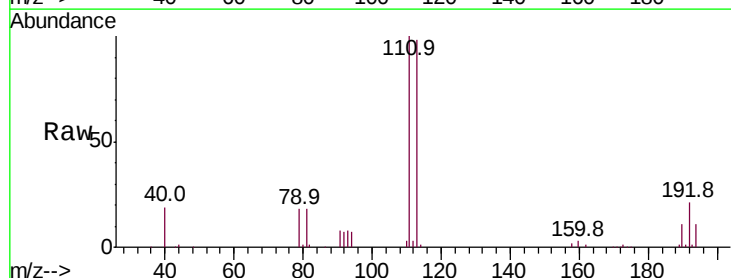


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

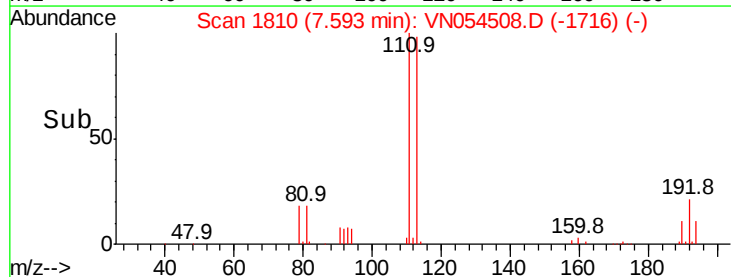
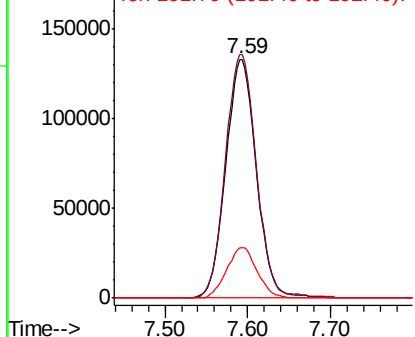


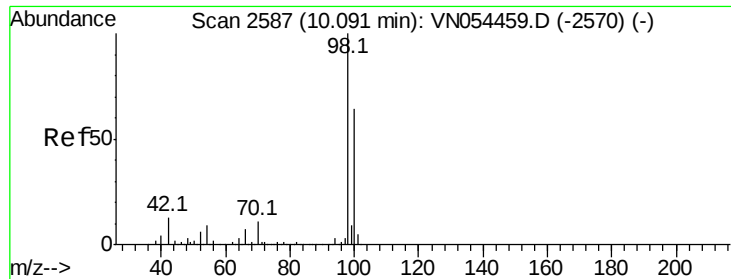
#35
Dibromofluoromethane
Concen: 48.254 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054508.D
Acq: 21 Mar 2019 13:53

Tgt Ion:113 Resp: 342030
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 21.1 19.2 28.8



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: 48.025 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054508.D

Acq: 21 Mar 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

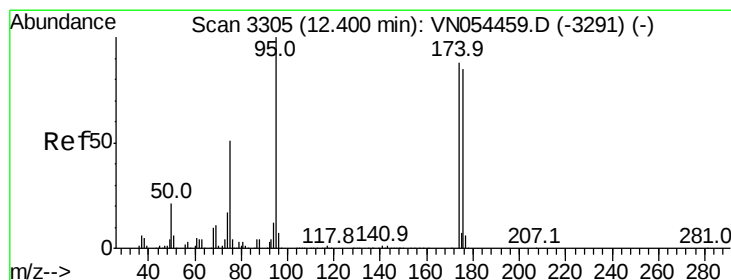
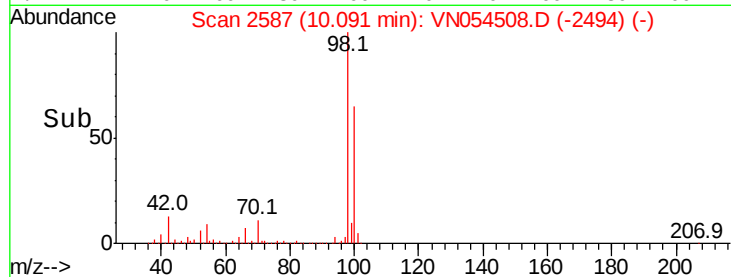
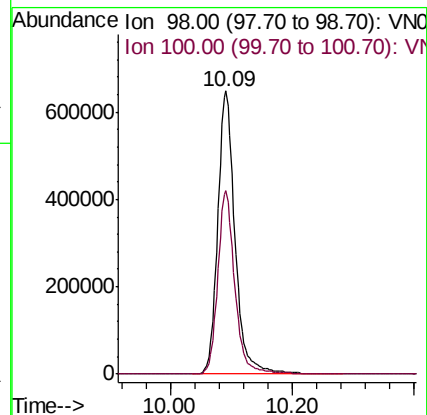
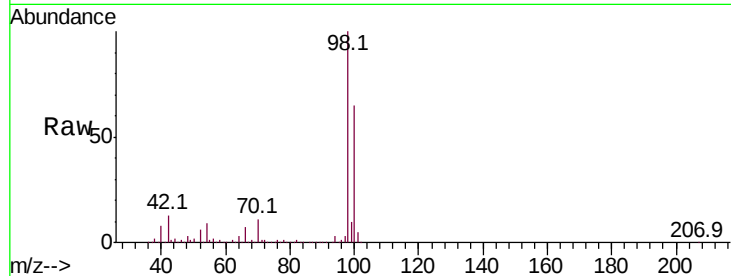
TB-01-190319

Tot Ion: 98 Resp: 1279725

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 41.482 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054508.D

Acq: 21 Mar 2019 13:53

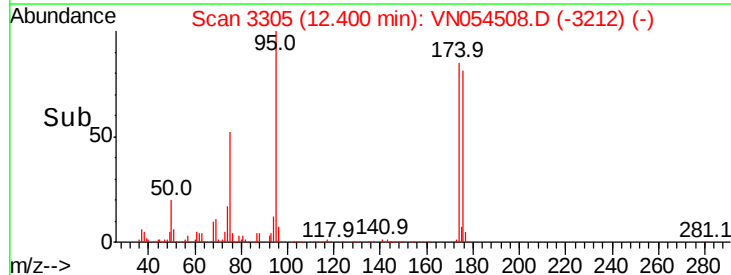
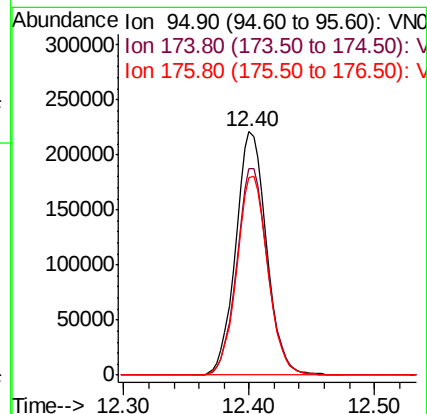
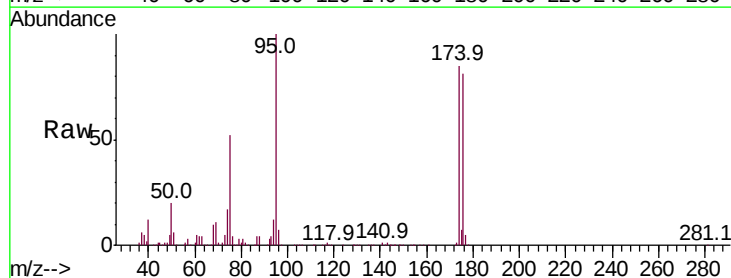
Tgt Ion: 95 Resp: 376140

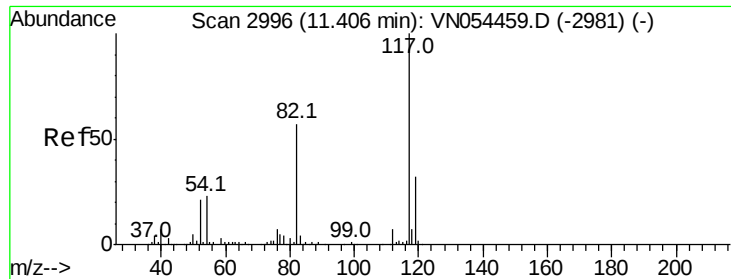
Ion Ratio Lower Upper

95 100

174 85.2 0.0 191.0

176 82.4 0.0 187.4

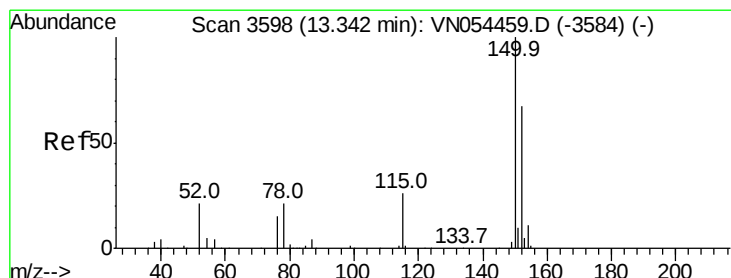
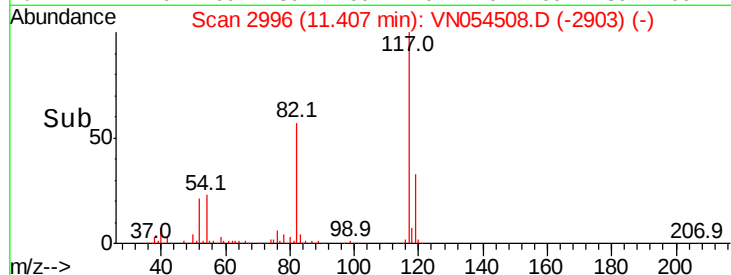
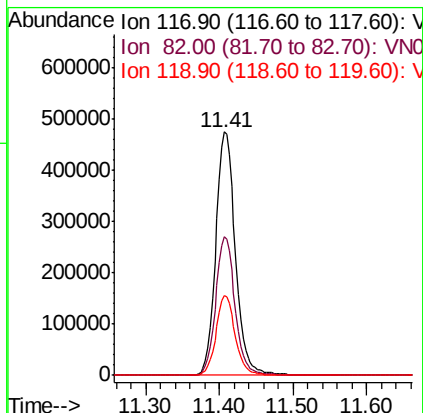
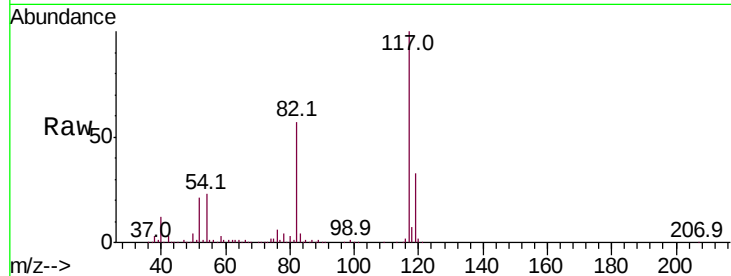




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054508.D
Acq: 21 Mar 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
TB-01-190319

Tot Ion:117 Resp: 876584
Ion Ratio Lower Upper
117 100
82 56.8 40.0 60.0
119 32.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054508.D
Acq: 21 Mar 2019 13:53

Tgt Ion:152 Resp: 302887
Ion Ratio Lower Upper
152 100
115 57.2 27.2 81.6
150 154.9 0.0 349.2

