

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053884.D
 Acq On : 21 Feb 2019 11:36
 Operator : JC/SP
 Sample : K1540-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Feb 22 01:06:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	652372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1060692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1007853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	374579	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	328403	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
35) Dibromofluoromethane	7.59	113	336789	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
50) Toluene-d8	10.09	98	1299988	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.40	95	424030	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	

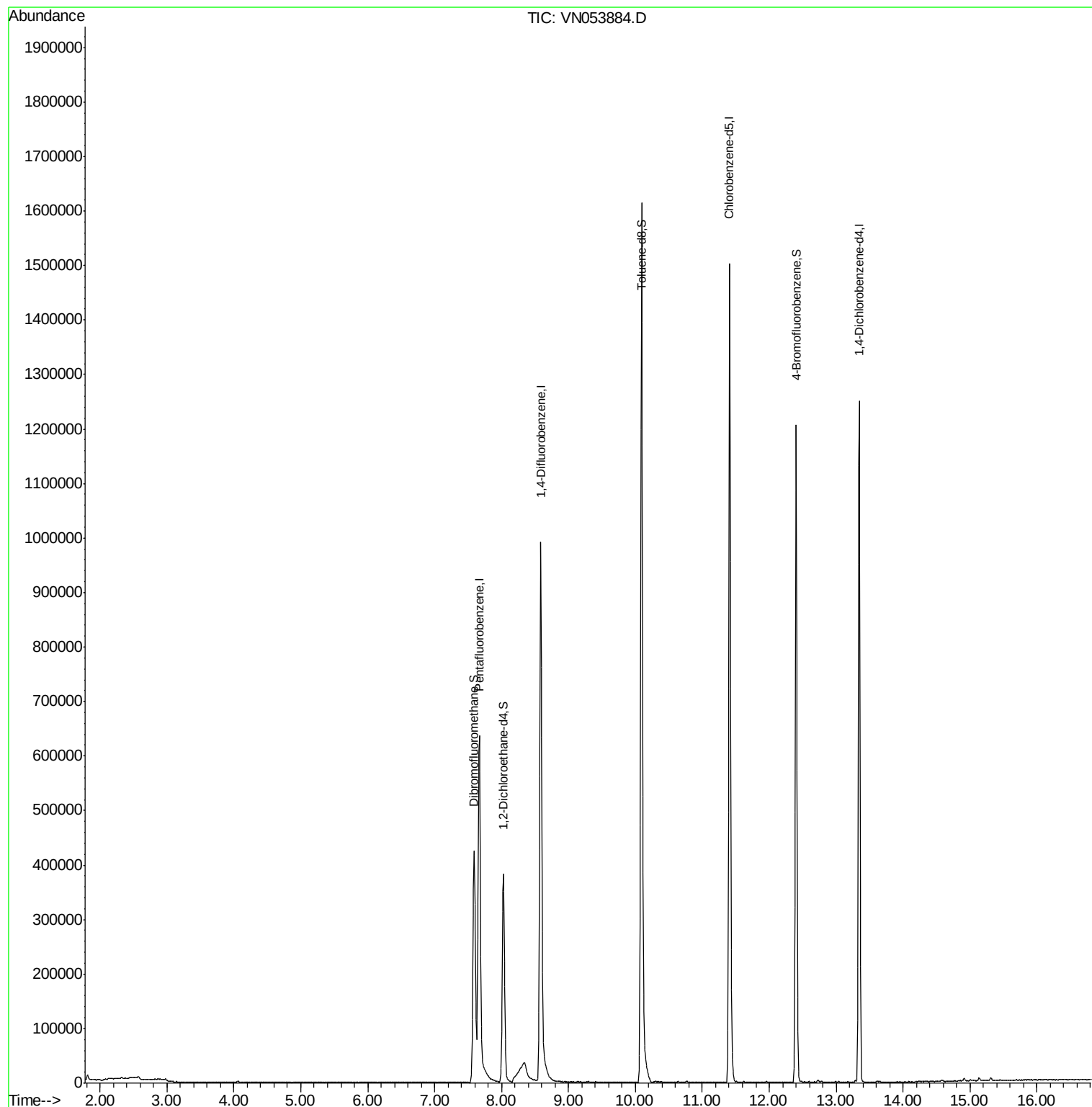
Target Compounds	Qvalue
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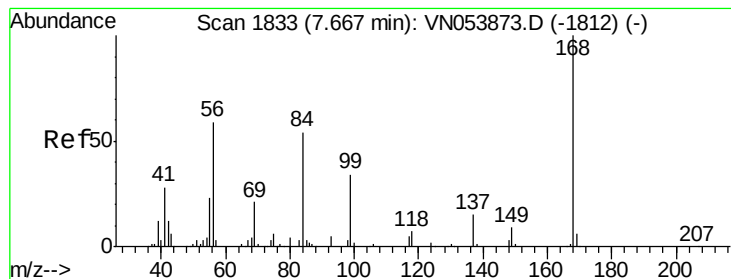
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053884.D

Acq: 21 Feb 2019 11:36

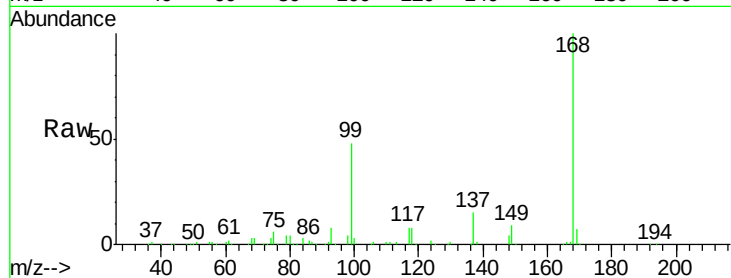
Instrument :
MSVOA_N
ClientSampled :
TB

Tot Ion:168 Resp: 652372

Ion Ratio Lower Upper

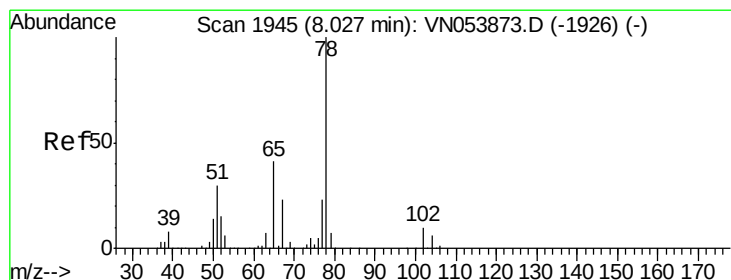
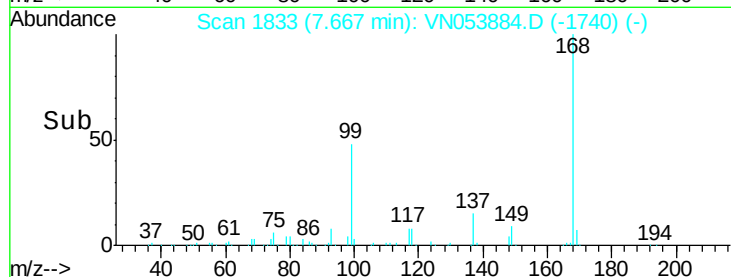
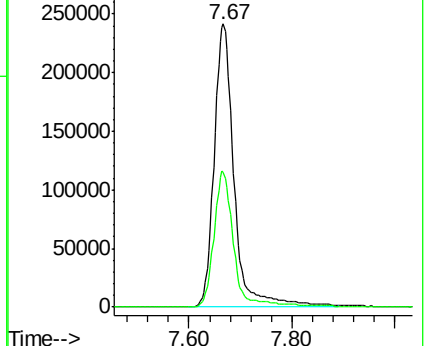
168 100

99 47.8 36.9 55.3



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: 49.257 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053884.D

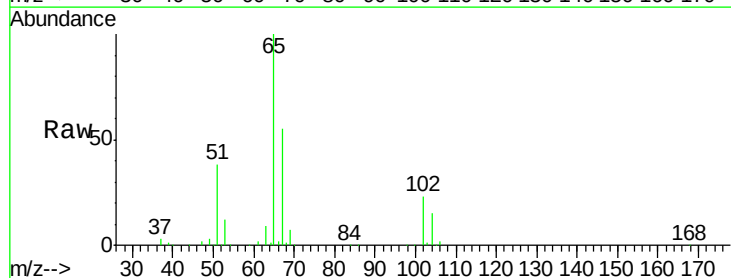
Acq: 21 Feb 2019 11:36

Tgt Ion: 65 Resp: 328403

Ion Ratio Lower Upper

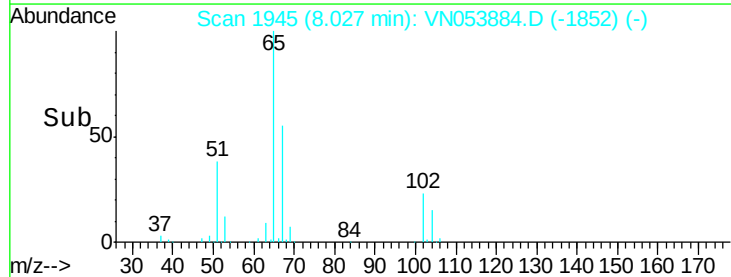
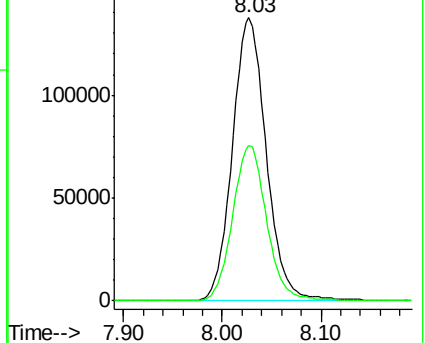
65 100

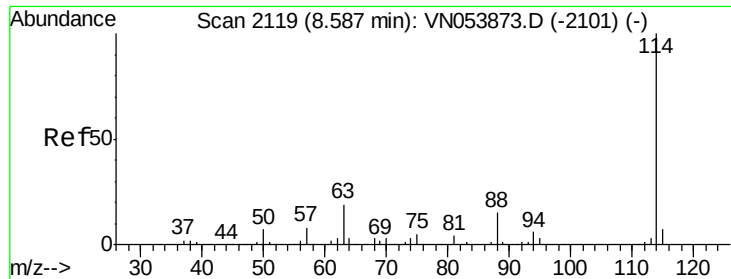
67 55.2 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

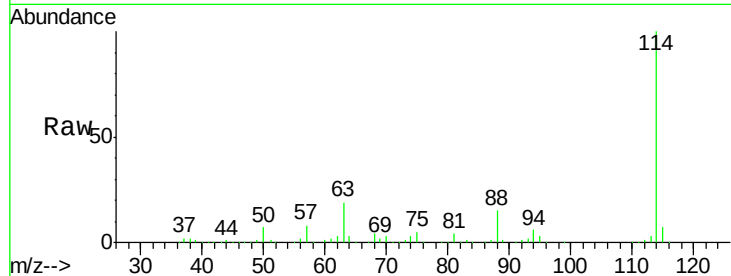




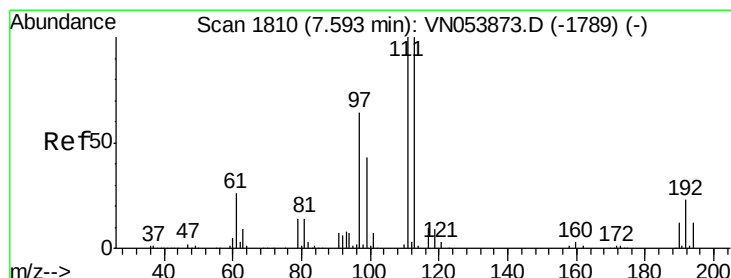
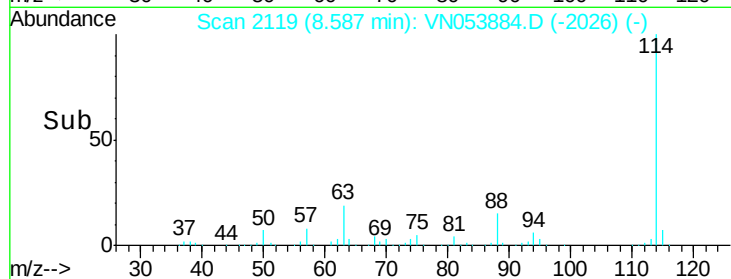
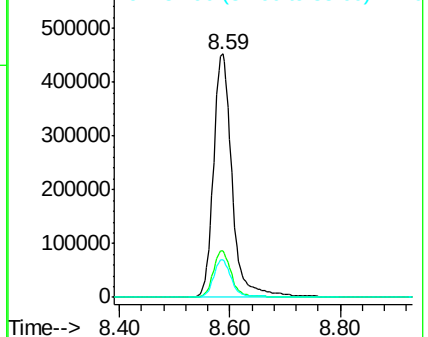
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053884.D
Acq: 21 Feb 2019 11:36

Instrument :
MSVOA_N
ClientSampleId :
TB

Tot Ion:114 Resp: 1060692
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.4
88 15.5 0.0 30.4

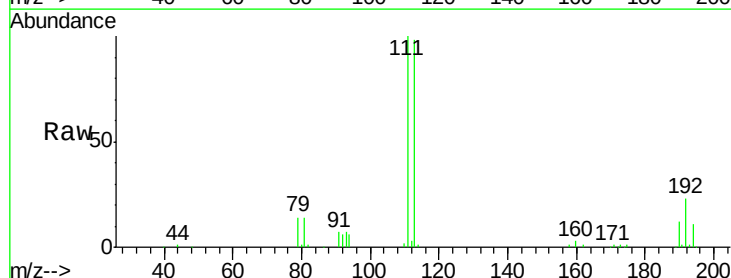


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

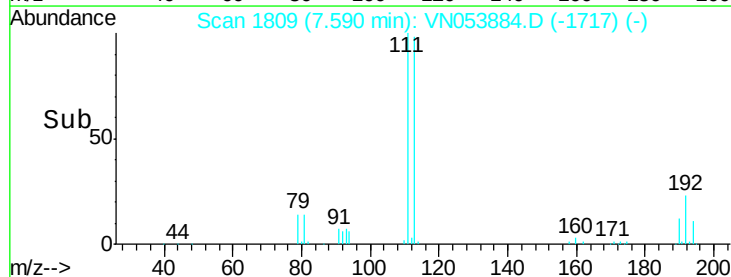
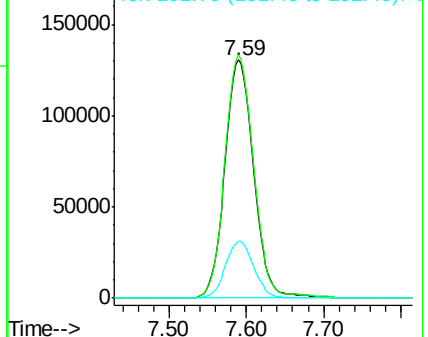


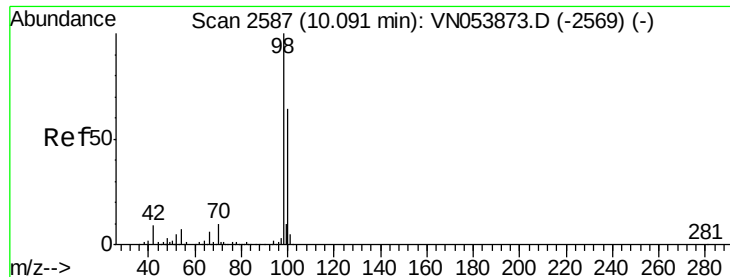
#35
Dibromofluoromethane
Concen: 48.381 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053884.D
Acq: 21 Feb 2019 11:36

Tgt Ion:113 Resp: 336789
Ion Ratio Lower Upper
113 100
111 102.0 81.1 121.7
192 23.4 18.8 28.2



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: 51.706 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053884.D

Acq: 21 Feb 2019 11:36

Instrument :

MSVOA_N

ClientSampled :

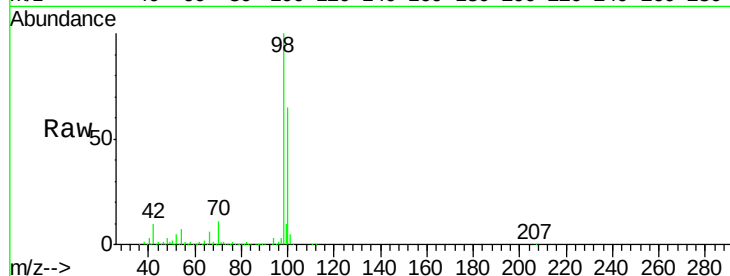
TB

Tot Ion: 98 Resp: 1299988

Ion Ratio Lower Upper

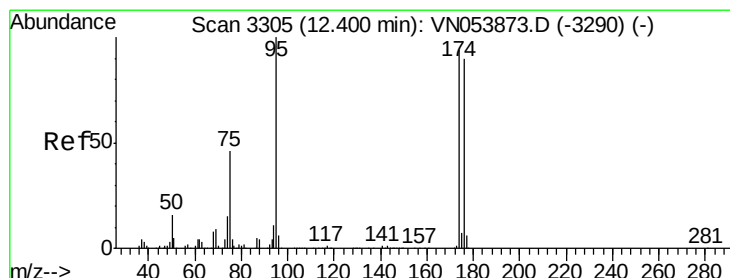
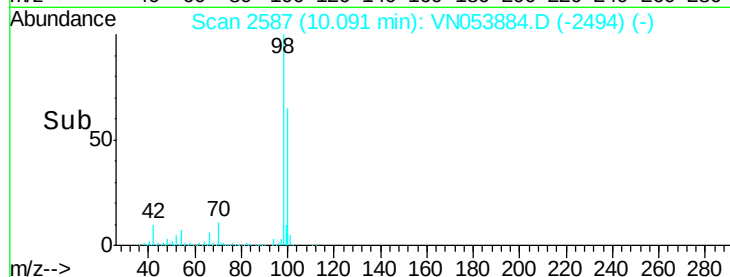
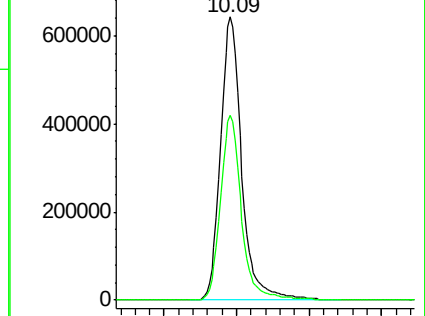
98 100

100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053873.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN053873.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 51.086 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053884.D

Acq: 21 Feb 2019 11:36

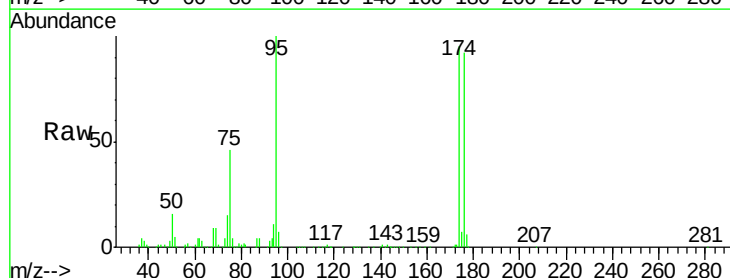
Tgt Ion: 95 Resp: 424030

Ion Ratio Lower Upper

95 100

174 95.1 0.0 188.8

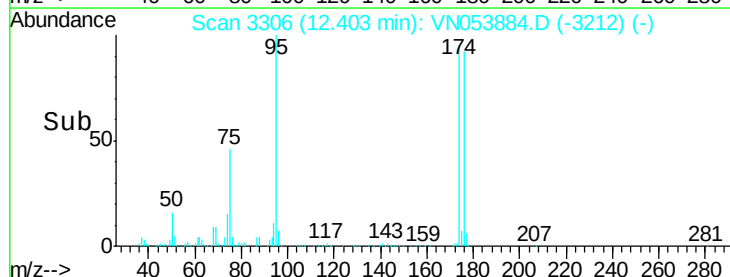
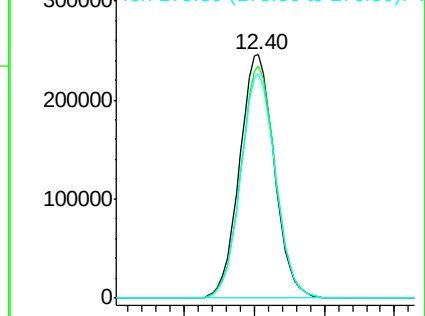
176 92.2 0.0 182.6

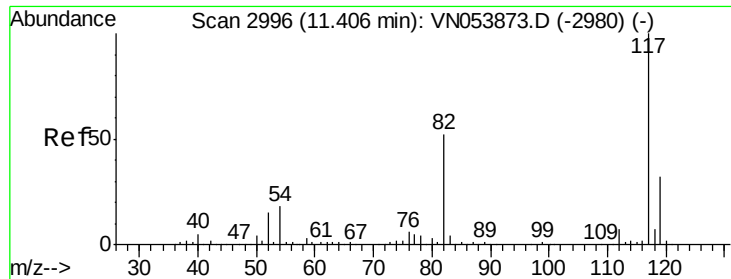


Abundance Ion 94.90 (94.60 to 95.60): VN053873.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053873.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053873.D (-3290) (-)

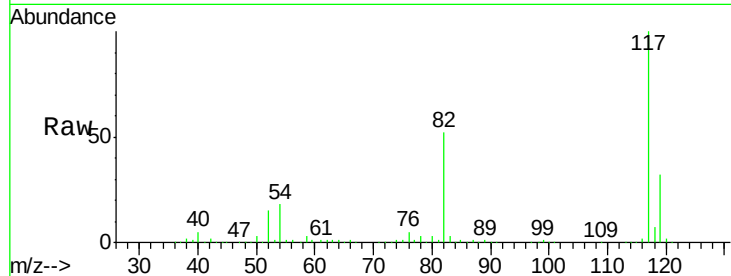




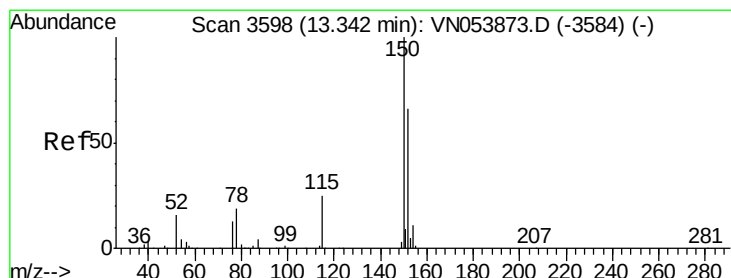
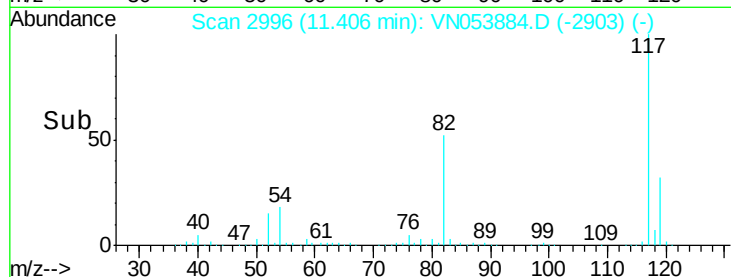
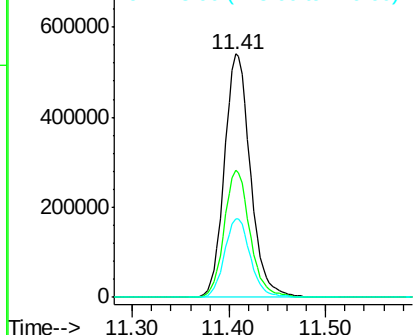
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053884.D
Acq: 21 Feb 2019 11:36

Instrument :
MSVOA_N
ClientSampled :
TB

Tot Ion:117 Resp: 1007853
Ion Ratio Lower Upper
117 100
82 52.0 41.4 62.2
119 32.2 25.3 37.9

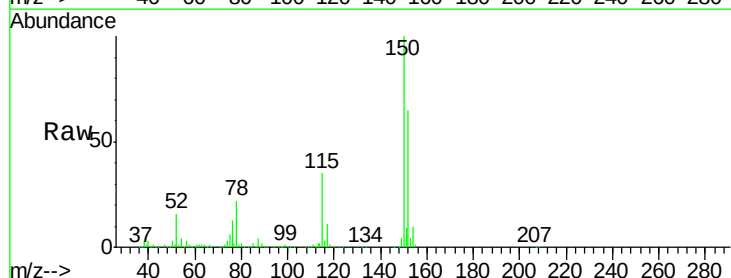


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053884.D
Acq: 21 Feb 2019 11:36

Tgt Ion:152 Resp: 374579
Ion Ratio Lower Upper
152 100
115 54.5 27.2 81.6
150 156.0 0.0 348.2



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

