

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121819\
 Data File : VN059661.D
 Acq On : 18 Dec 2019 19:44
 Operator : JC/SP
 Sample : K6324-01
 Misc : 6.16g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP-9

Quant Time: Dec 19 06:09:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	180988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	308072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	268749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110364	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	137865	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	7.56	113	91959	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
50) Toluene-d8	10.08	98	367640	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.40	95	127050	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	

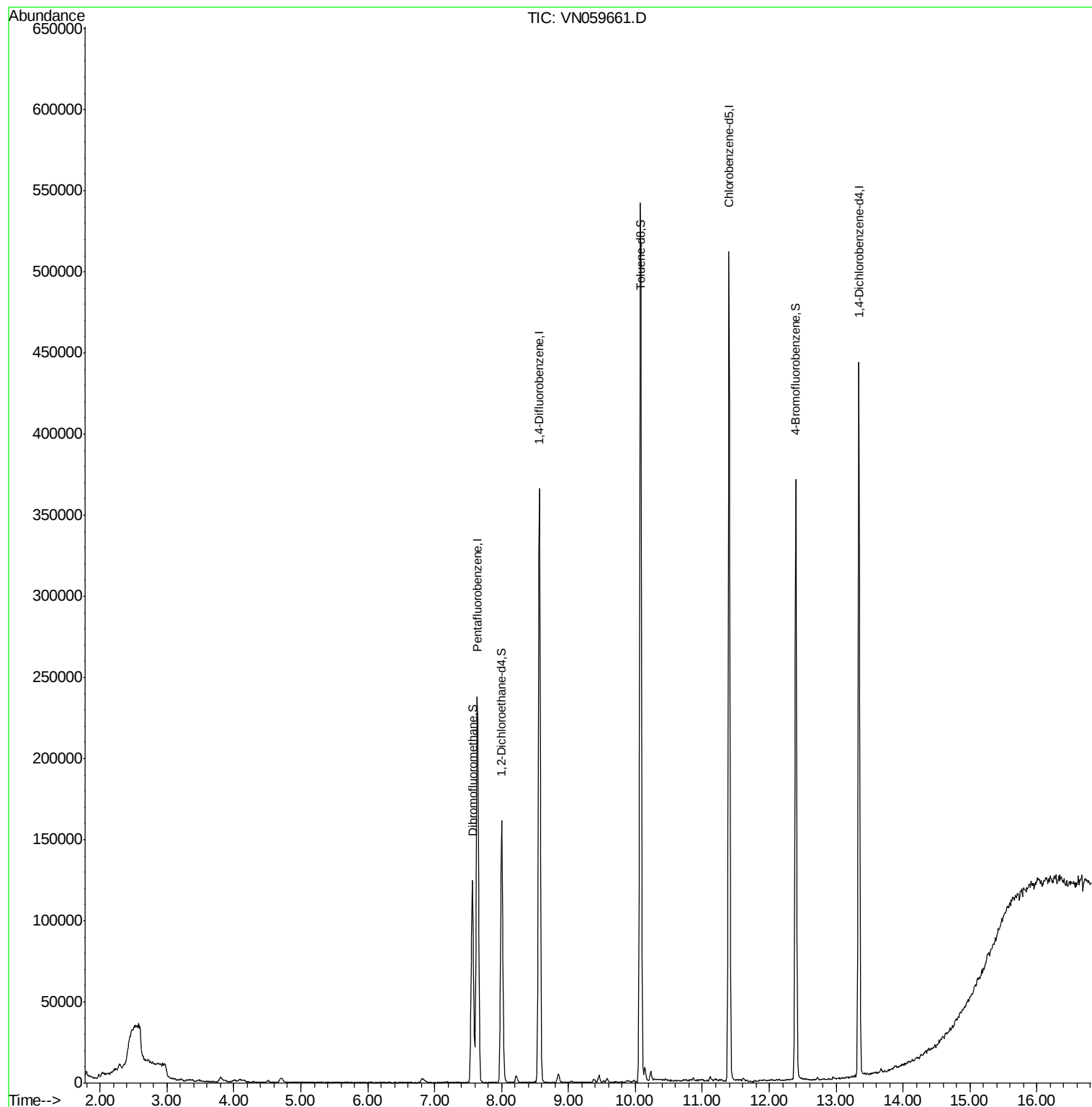
Target Compounds	Qvalue

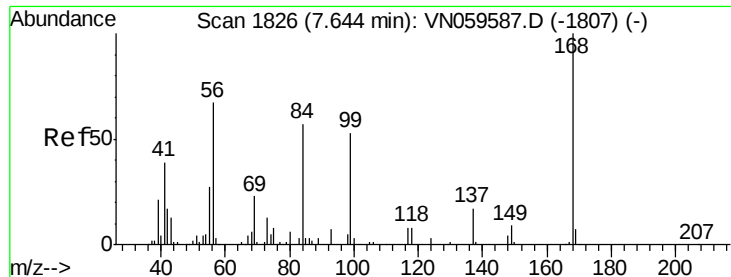
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 23:17:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN059661.D

Acq: 18 Dec 2019 19:44

Instrument :

MSVOA_N

ClientSampled :

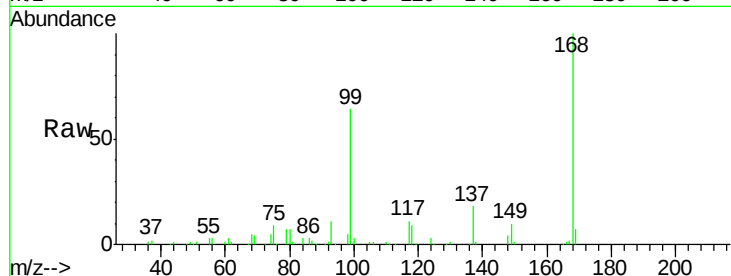
EP-9

Tot Ion:168 Resp: 180988

Ion Ratio Lower Upper

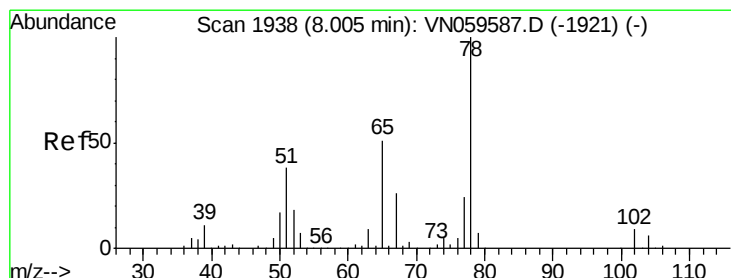
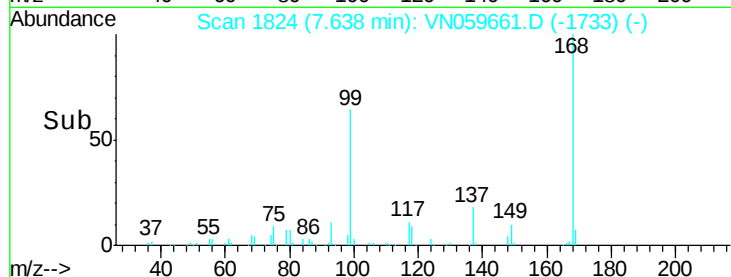
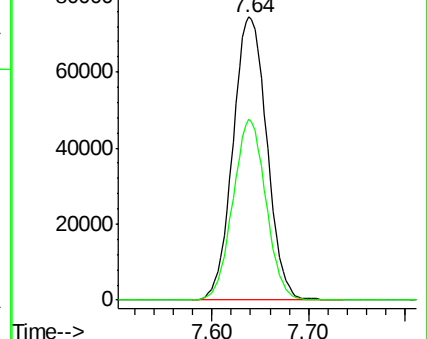
168 100

99 63.8 48.2 72.4



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: 52.348 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059661.D

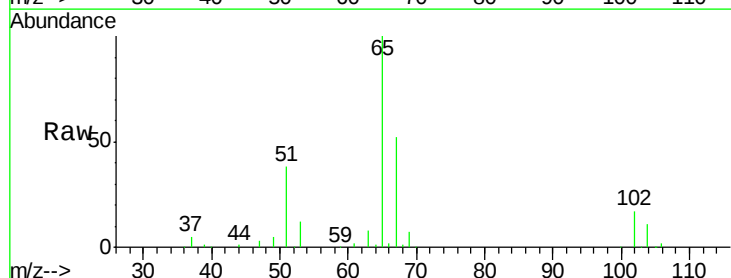
Acq: 18 Dec 2019 19:44

Tgt Ion: 65 Resp: 137865

Ion Ratio Lower Upper

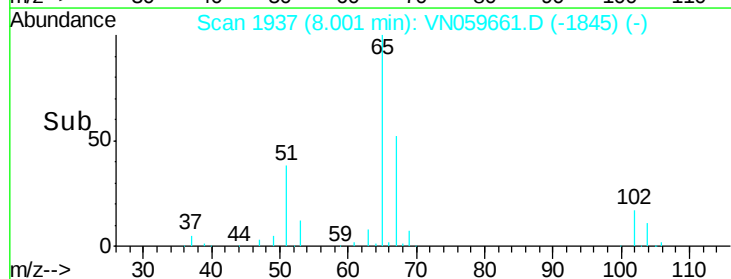
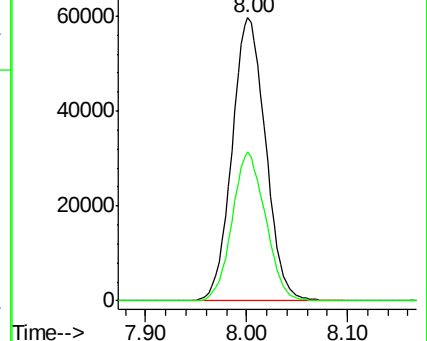
65 100

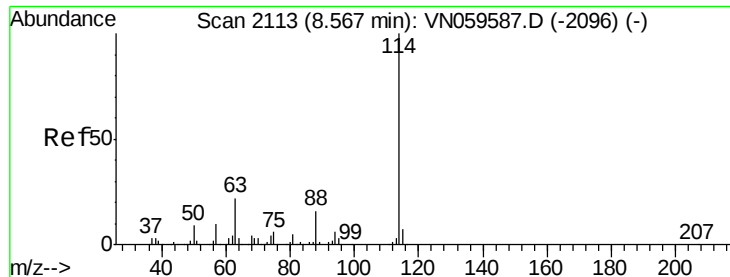
67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

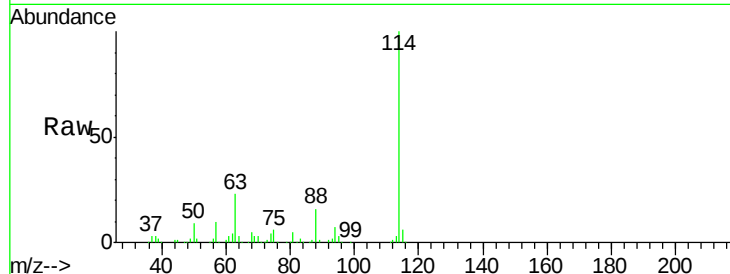




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN059661.D
Acq: 18 Dec 2019 19:44

Instrument :
MSVOA_N
ClientSampleId :
EP-9

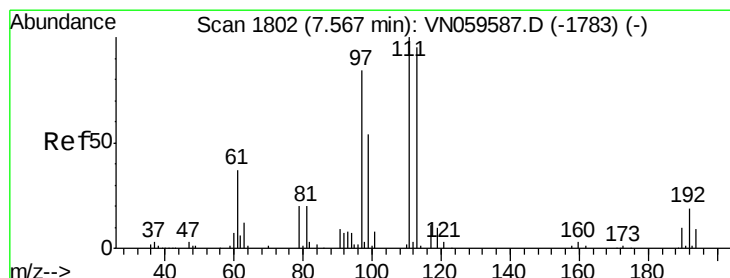
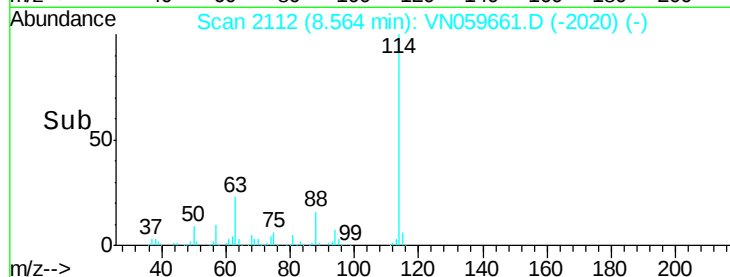
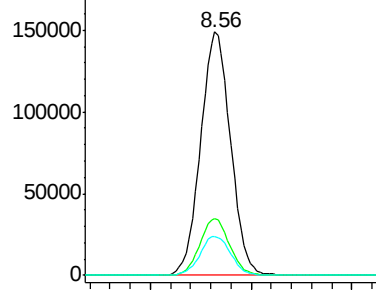
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	43.6
88	16.1	0.0	31.4



Abundance Ion 113.90 (113.60 to 114.60): V

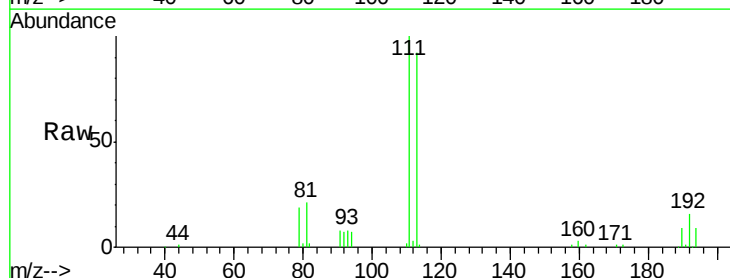
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 47.707 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059661.D
Acq: 18 Dec 2019 19:44

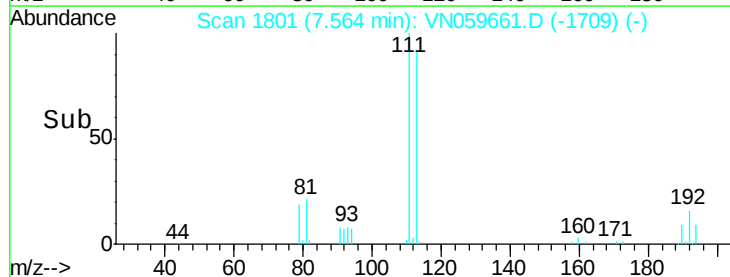
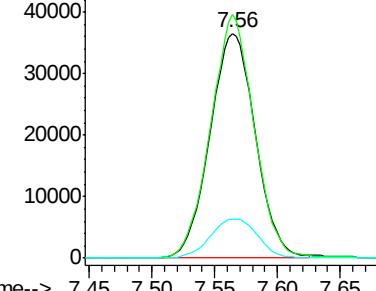
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.5	125.3
192	18.1	15.4	23.2

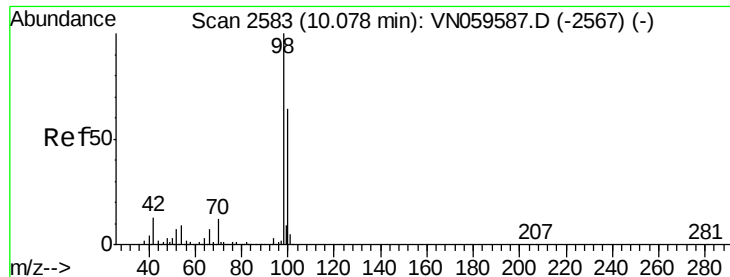


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.174 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059661.D

Acq: 18 Dec 2019 19:44

Instrument :

MSVOA_N

ClientSampled :

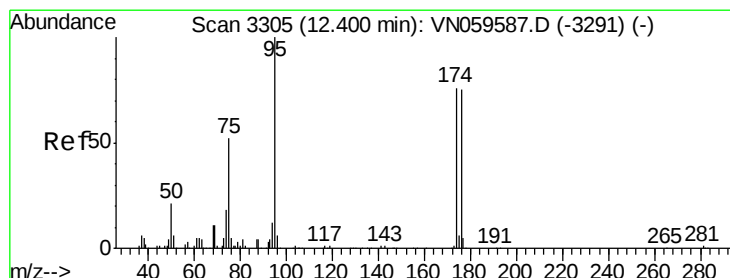
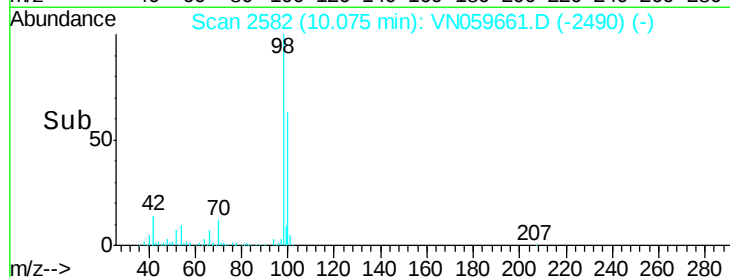
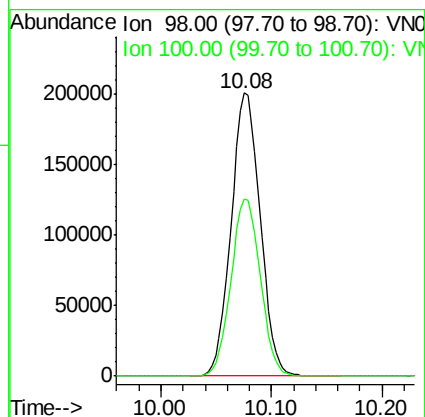
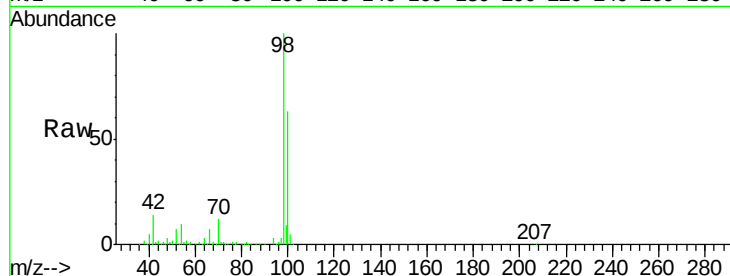
EP-9

Tot Ion: 98 Resp: 367640

Ion Ratio Lower Upper

98 100

100 63.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.625 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059661.D

Acq: 18 Dec 2019 19:44

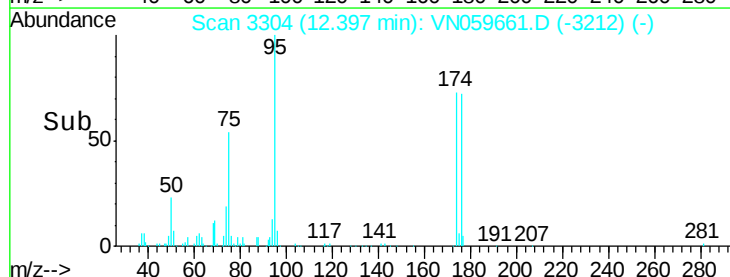
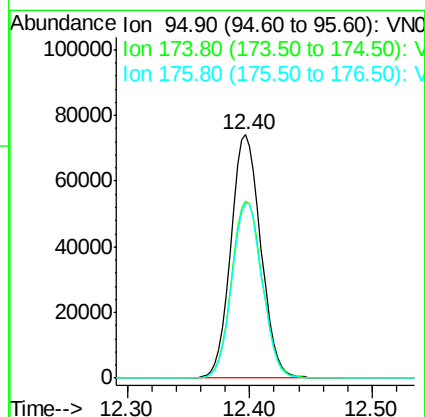
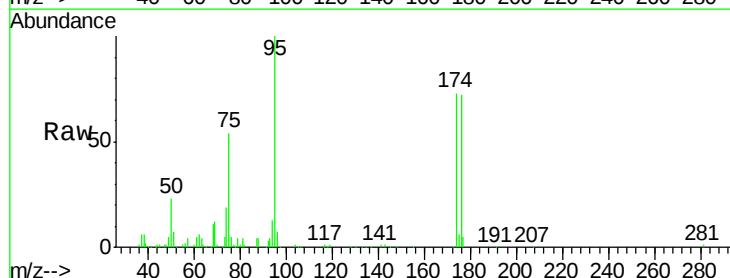
Tgt Ion: 95 Resp: 127050

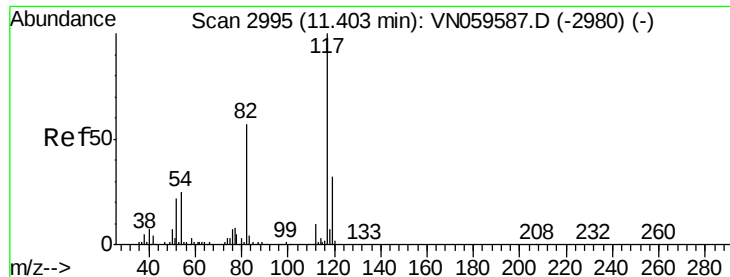
Ion Ratio Lower Upper

95 100

174 74.8 0.0 151.4

176 72.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059661.D

Acq: 18 Dec 2019 19:44

Instrument :

MSVOA_N

ClientSampleId :

EP-9

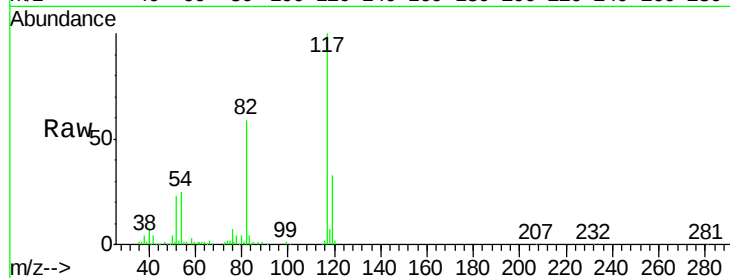
Tot Ion:117 Resp: 268749

Ion Ratio Lower Upper

117 100

82 58.9 45.9 68.9

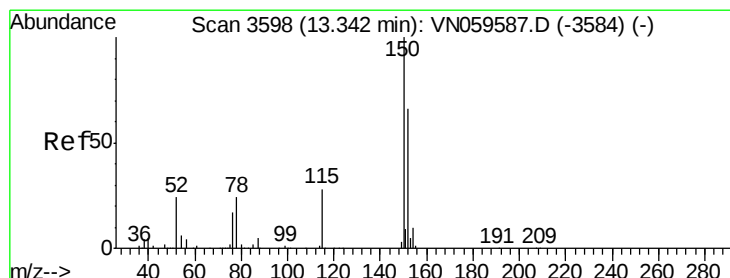
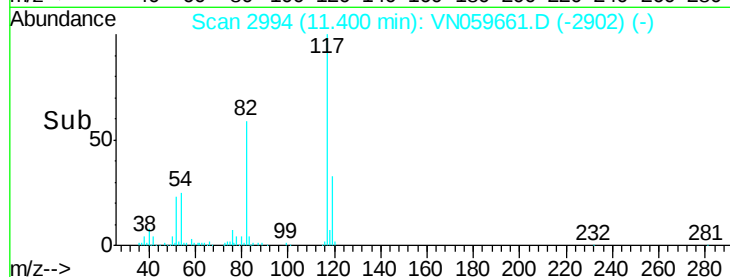
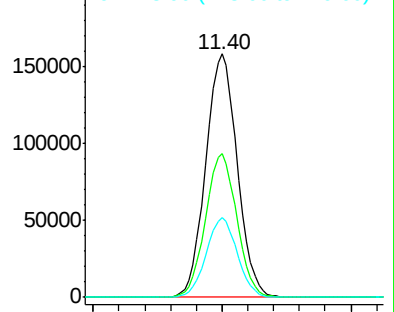
119 32.6 25.5 38.3



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# 3597

Delta R.T. -0.00 min

Lab File: VN059661.D

Acq: 18 Dec 2019 19:44

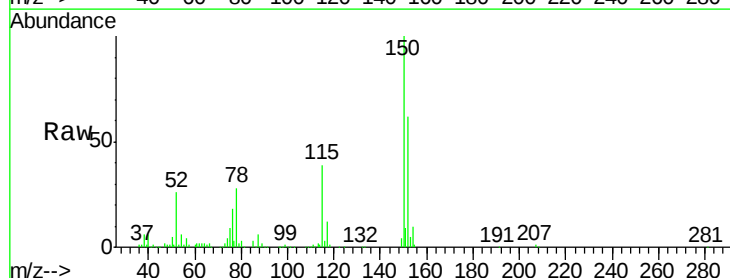
Tgt Ion:152 Resp: 110364

Ion Ratio Lower Upper

152 100

115 60.9 30.3 90.9

150 159.4 0.0 345.2



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

