

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012420\
 Data File : VN059834.D
 Acq On : 24 Jan 2020 10:25
 Operator : JC/MD
 Sample : VN0124MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0124MBL01

Quant Time: Jan 25 00:39:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	287565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	245648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	95272	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	100370	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
35) Dibromofluoromethane	7.56	113	86801	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	10.08	98	336874	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.40	95	106583	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	

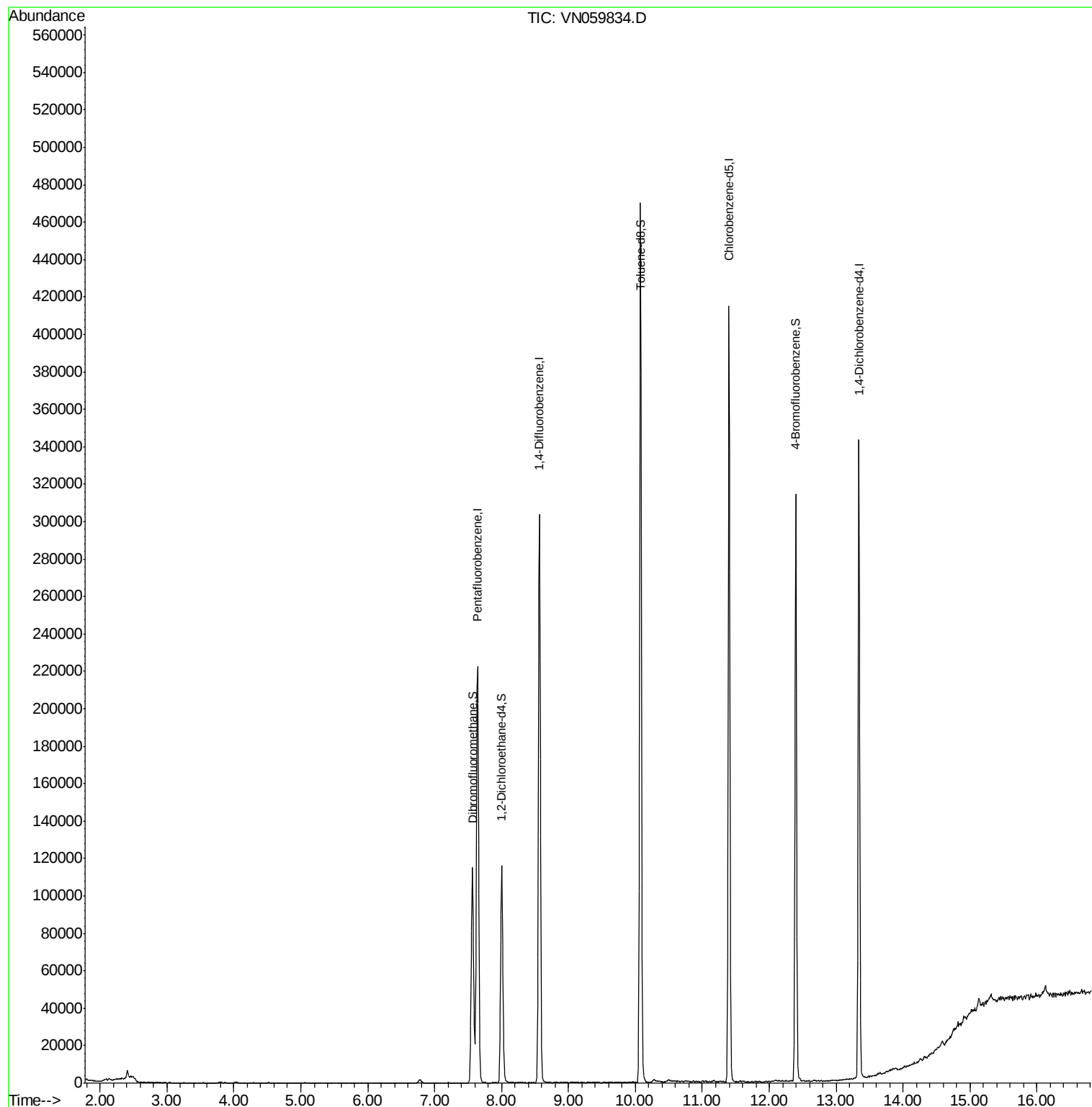
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059834.D

Acq: 24 Jan 2020 10:25

Instrument :

MSVOA_N

ClientSampleId :

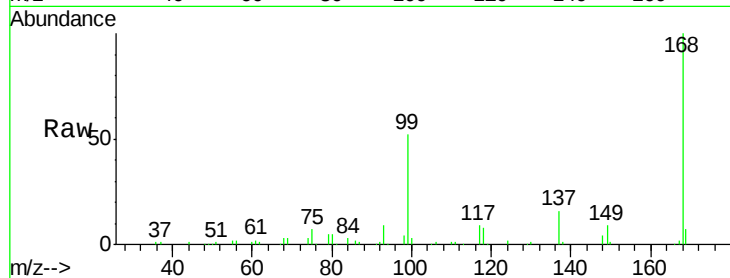
VN0124MBL01

Tot Ion:168 Resp: 194179

Ion Ratio Lower Upper

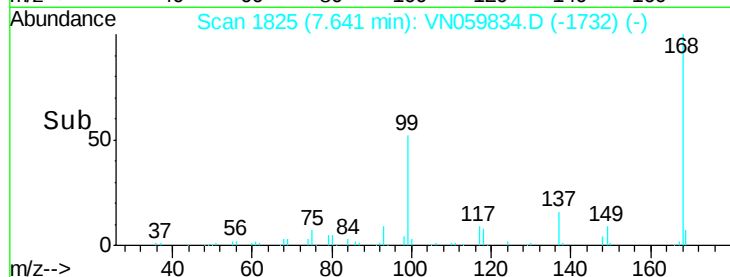
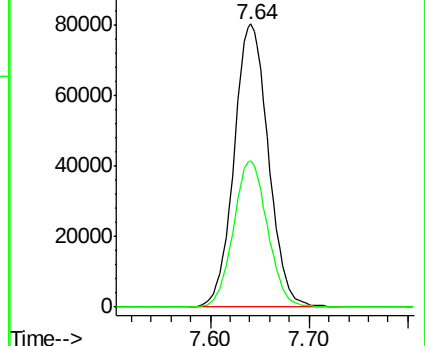
168 100

99 51.5 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: 46.545 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059834.D

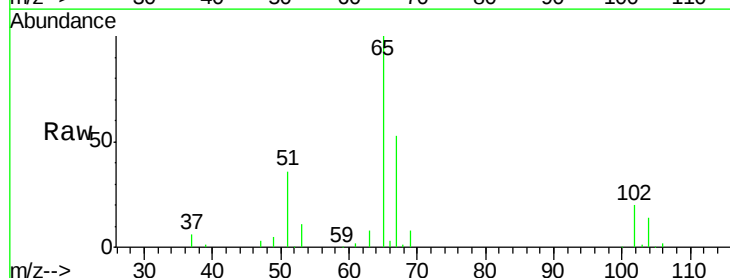
Acq: 24 Jan 2020 10:25

Tgt Ion: 65 Resp: 100370

Ion Ratio Lower Upper

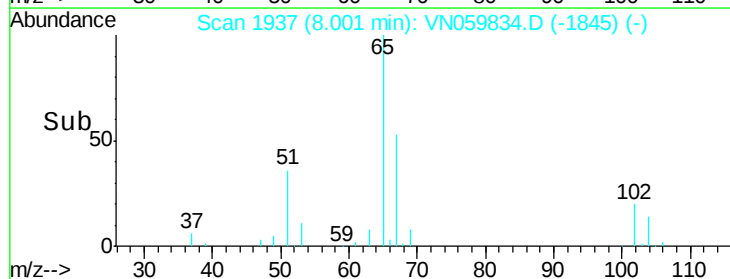
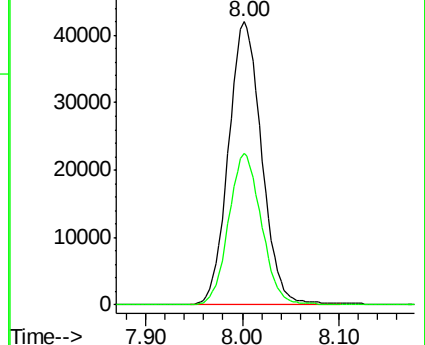
65 100

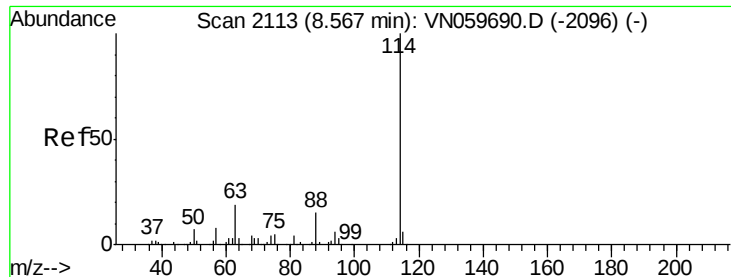
67 52.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

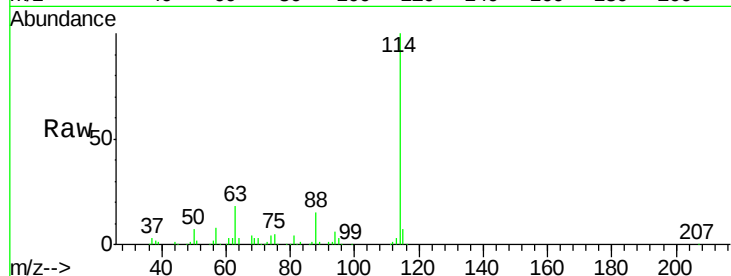




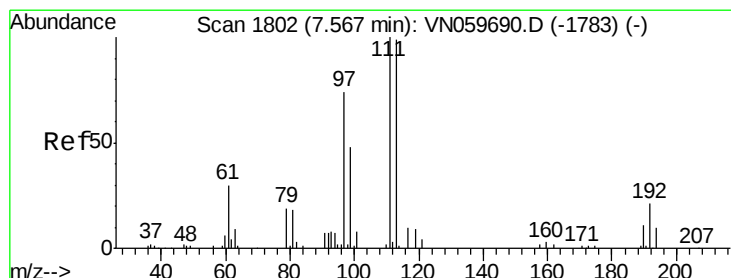
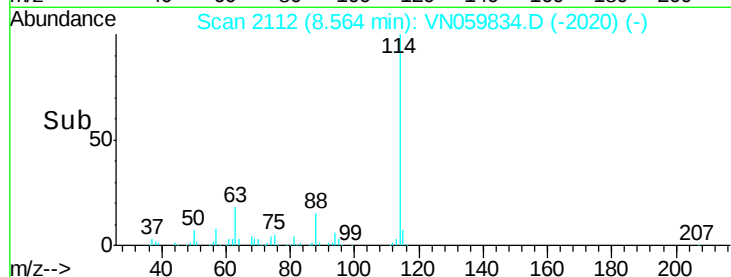
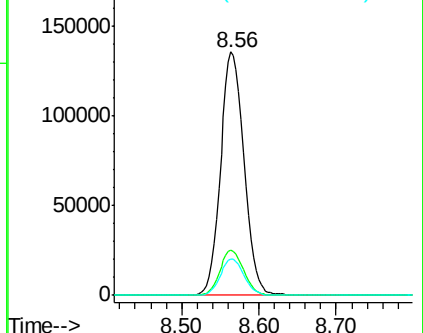
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN059834.D
Acq: 24 Jan 2020 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	43.6
88	14.9	0.0	31.4

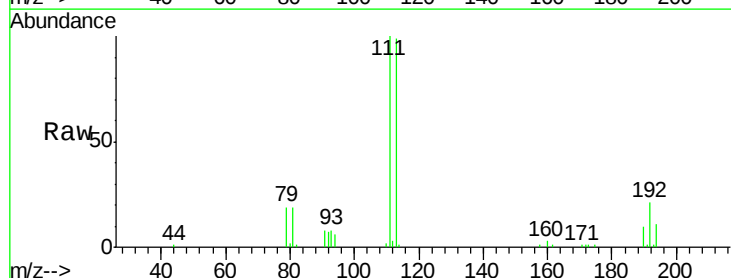


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

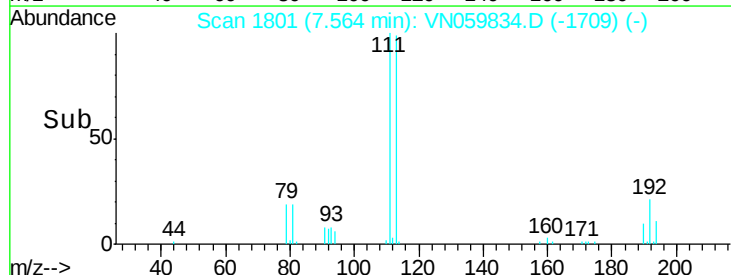
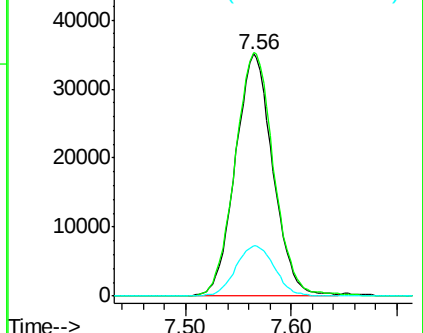


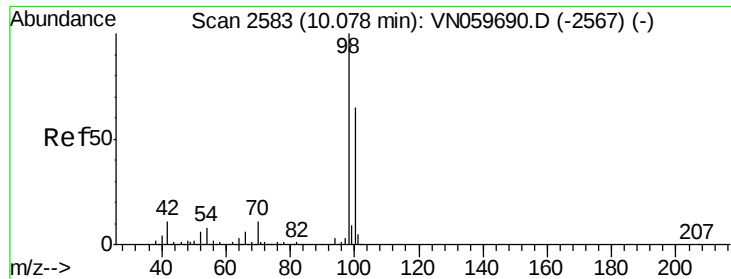
#35
Dibromofluoromethane
Concen: 50.616 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059834.D
Acq: 24 Jan 2020 10:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.5	125.3
192	21.3	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: 50.701 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059834.D

Acq: 24 Jan 2020 10:25

Instrument :

MSVOA_N

ClientSampled :

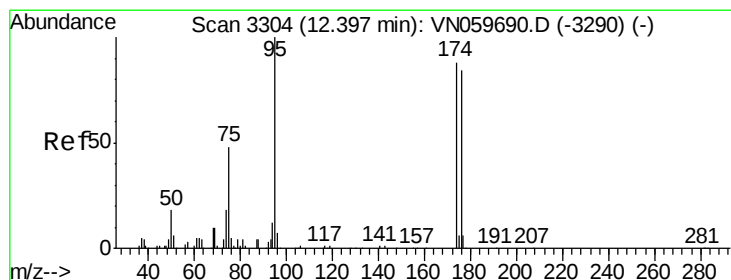
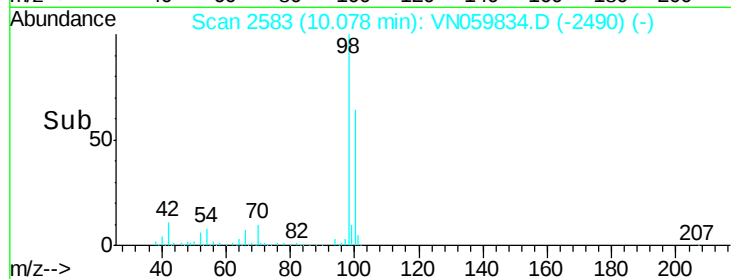
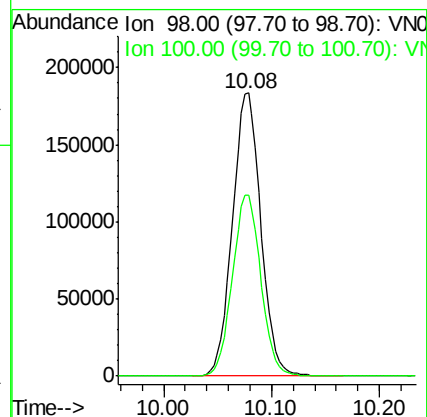
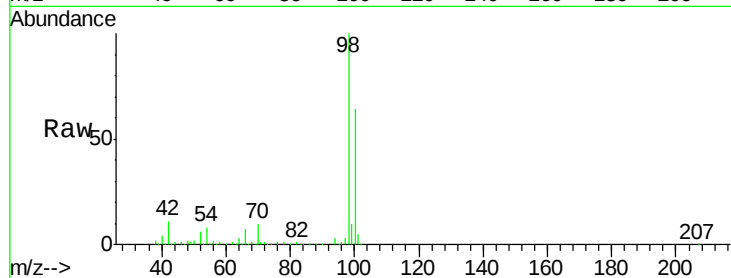
VN0124MBL01

Tot Ion: 98 Resp: 336874

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.497 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059834.D

Acq: 24 Jan 2020 10:25

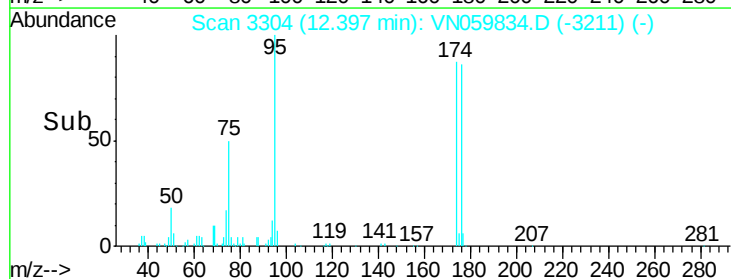
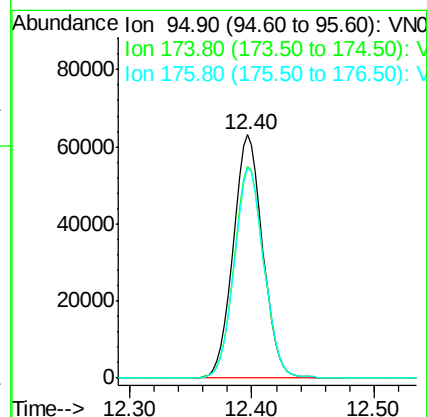
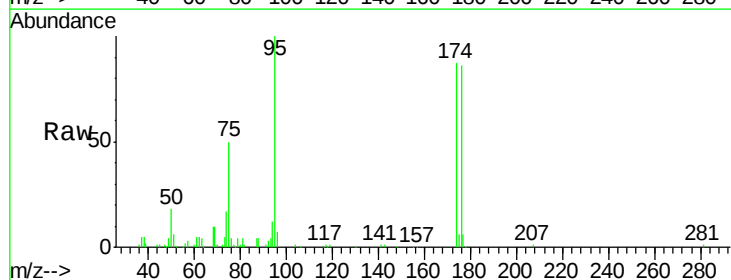
Tgt Ion: 95 Resp: 106583

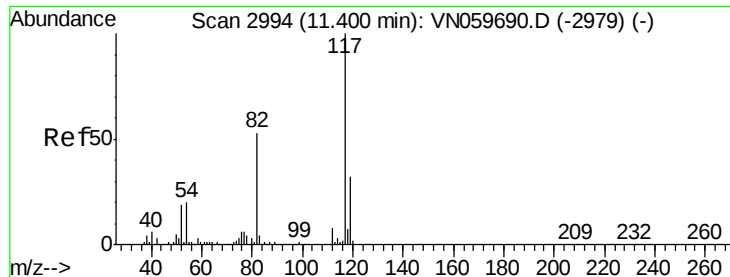
Ion Ratio Lower Upper

95 100

174 87.6 0.0 151.4

176 86.6 0.0 146.0

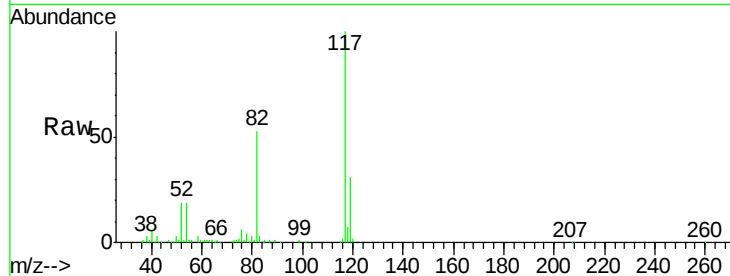




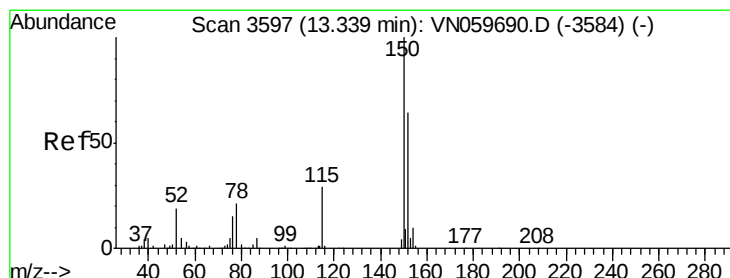
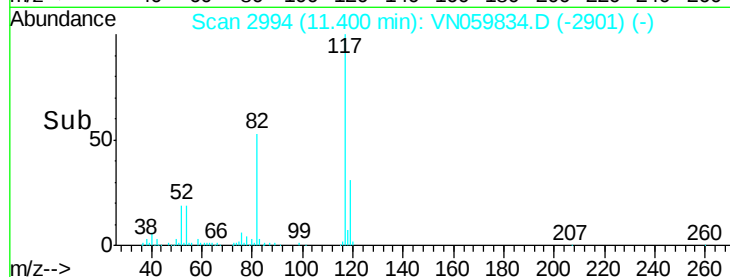
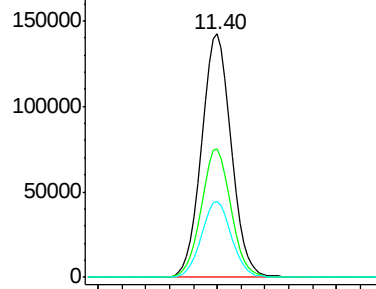
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059834.D
Acq: 24 Jan 2020 10:25

Instrument :
MSVOA_N
ClientSampleId :
VN0124MBL01

Tot Ion:117 Resp: 245648
Ion Ratio Lower Upper
117 100
82 52.8 45.9 68.9
119 31.4 25.5 38.3

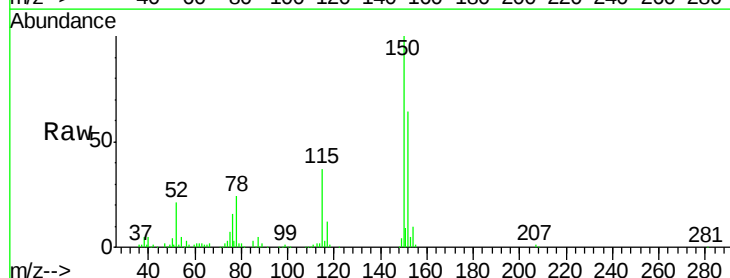


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059834.D
Acq: 24 Jan 2020 10:25

Tgt Ion:152 Resp: 95272
Ion Ratio Lower Upper
152 100
115 57.0 30.3 90.9
150 156.8 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

