

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
 Data File : VN059965.D
 Acq On : 3 Feb 2020 11:03
 Operator : JC/MD
 Sample : VN0203WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBL01

Quant Time: Feb 03 11:43:02 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	202977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	310799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	282581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123447	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	114163	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	7.57	113	94621	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.08	98	371795	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.40	95	129109	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

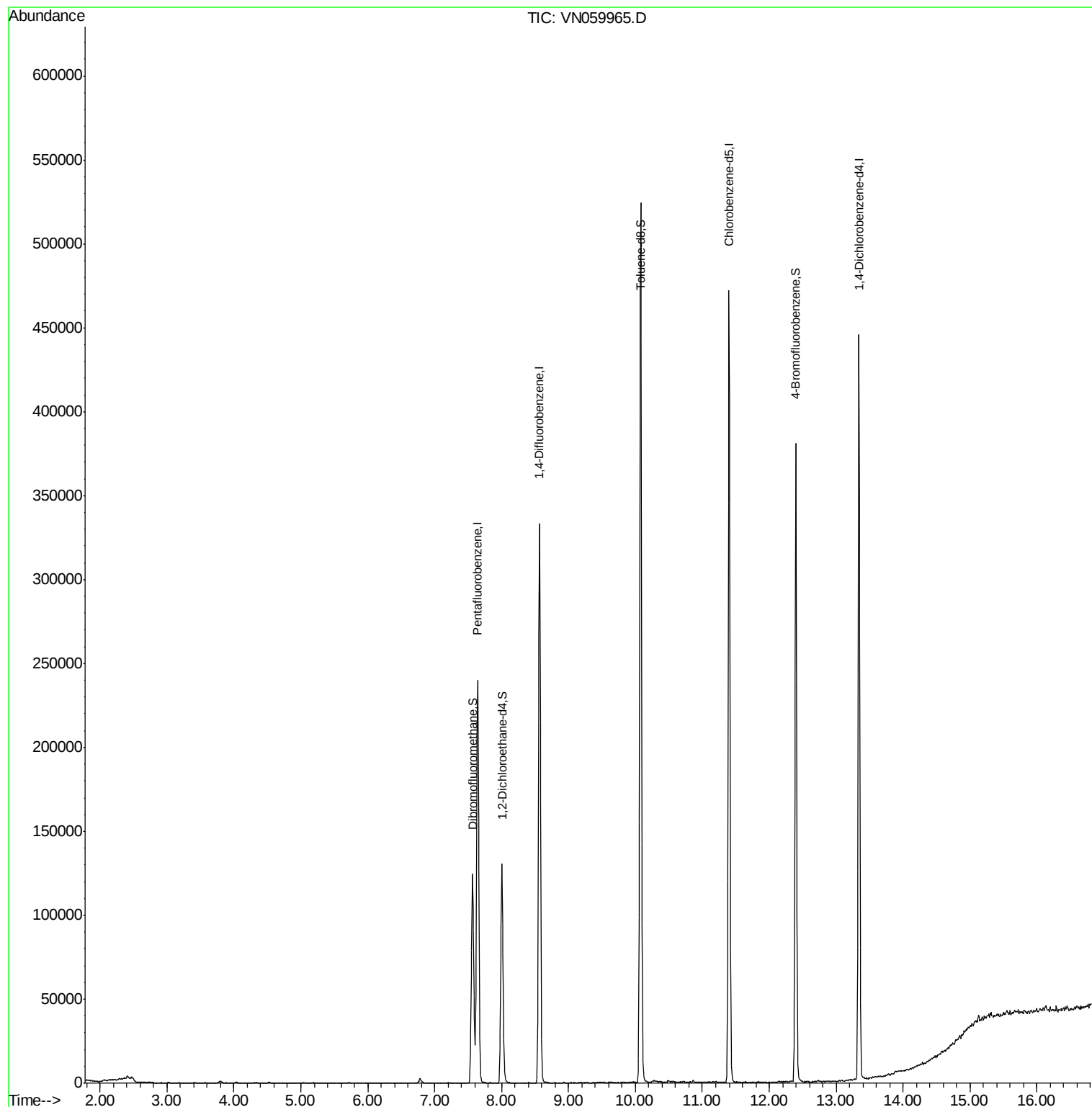
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059965.D

Acq: 3 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

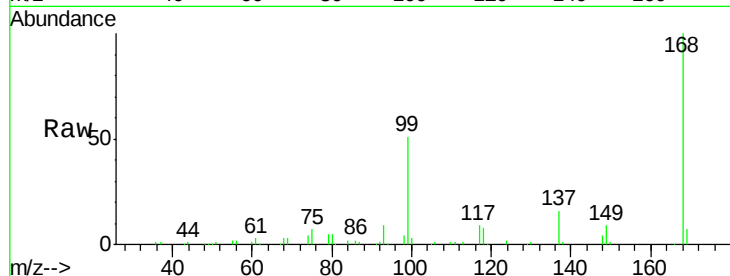
VN0203WBL01

Tot Ion:168 Resp: 202977

Ion Ratio Lower Upper

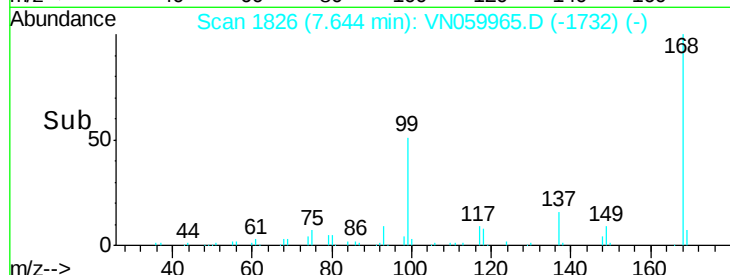
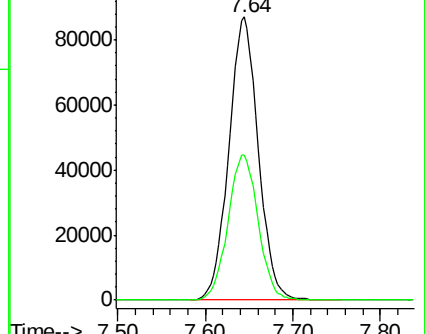
168 100

99 51.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.647 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059965.D

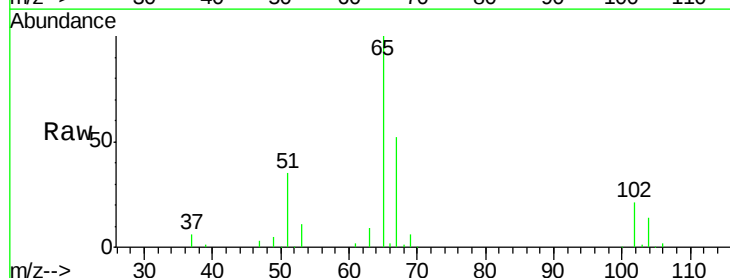
Acq: 3 Feb 2020 11:03

Tgt Ion: 65 Resp: 114163

Ion Ratio Lower Upper

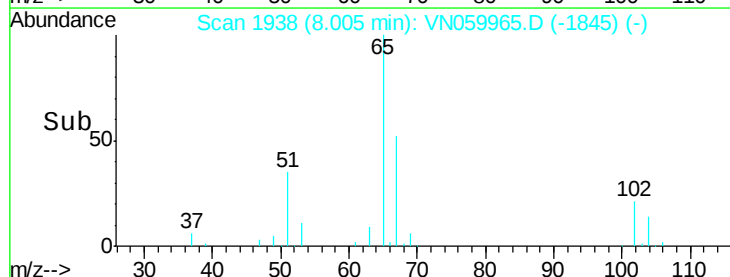
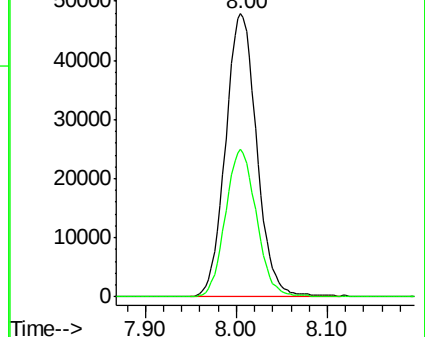
65 100

67 51.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

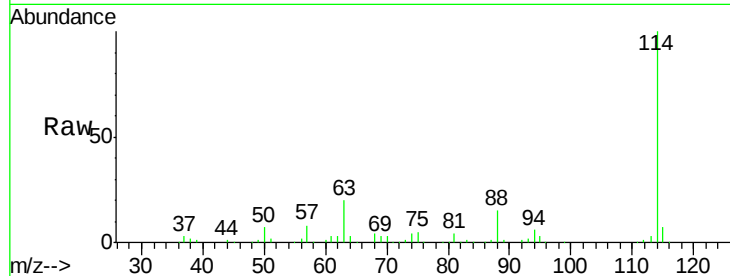




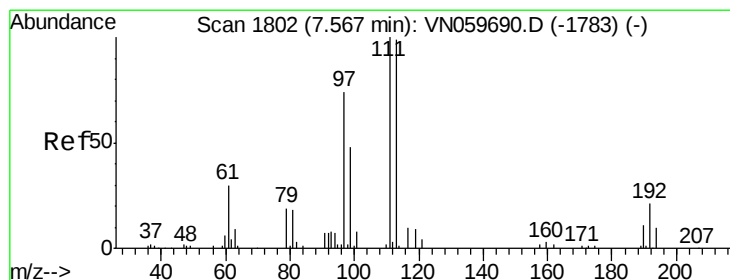
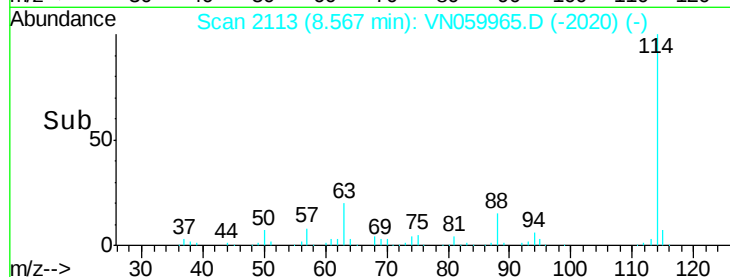
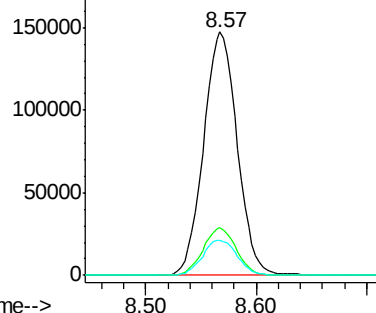
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059965.D
Acq: 3 Feb 2020 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBL01

Tot Ion:114 Resp: 310799
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.6
88 14.5 0.0 31.4

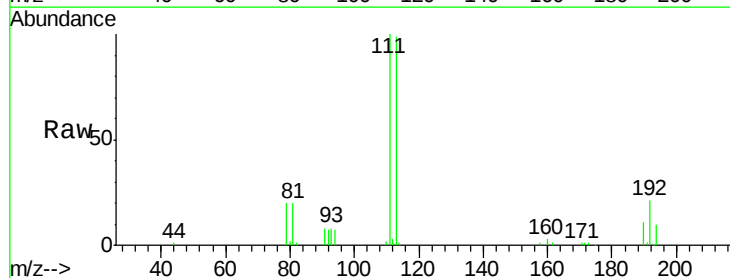


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

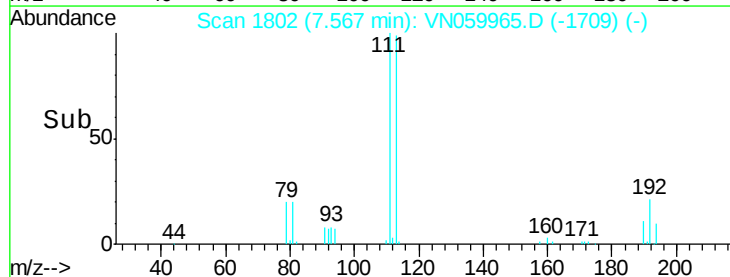
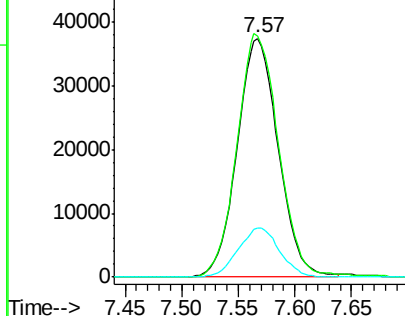


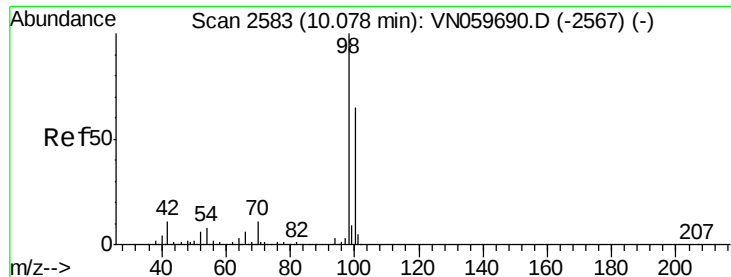
#35
Dibromofluoromethane
Concen: 51.052 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059965.D
Acq: 3 Feb 2020 11:03

Tgt Ion:113 Resp: 94621
Ion Ratio Lower Upper
113 100
111 103.5 83.5 125.3
192 20.7 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: 51.774 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059965.D

Acq: 3 Feb 2020 11:03

Instrument :

MSVOA_N

ClientSampleId :

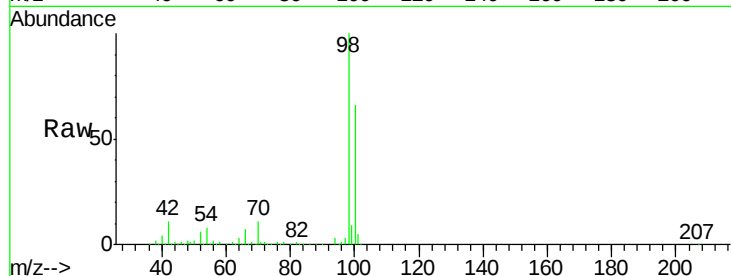
VN0203WBL01

Tot Ion: 98 Resp: 371795

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059965.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059965.D (-2490) (-)

10.08

200000

150000

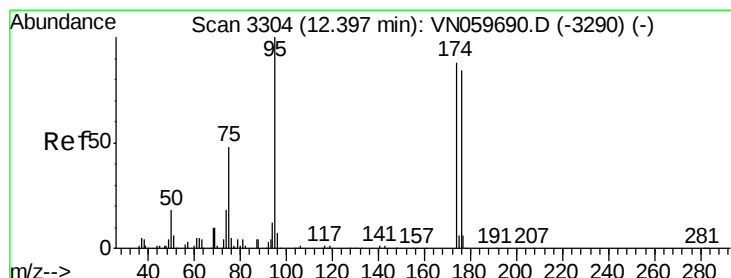
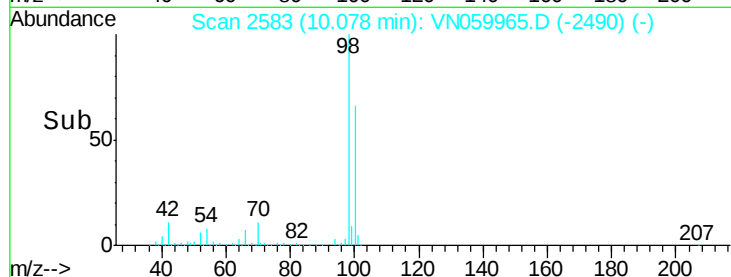
100000

50000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 49.872 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059965.D

Acq: 3 Feb 2020 11:03

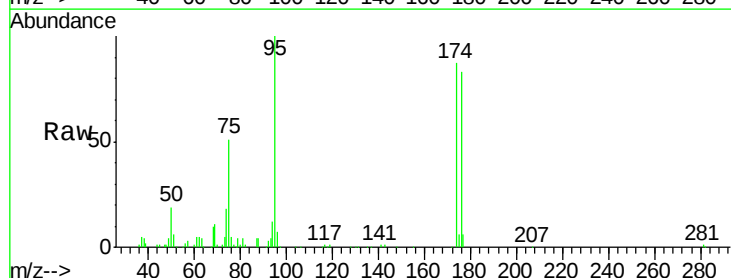
Tgt Ion: 95 Resp: 129109

Ion Ratio Lower Upper

95 100

174 86.3 0.0 151.4

176 84.1 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059965.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059965.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059965.D (-3211) (-)

12.40

100000

80000

60000

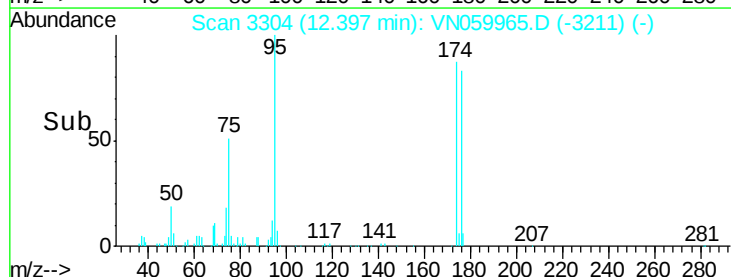
40000

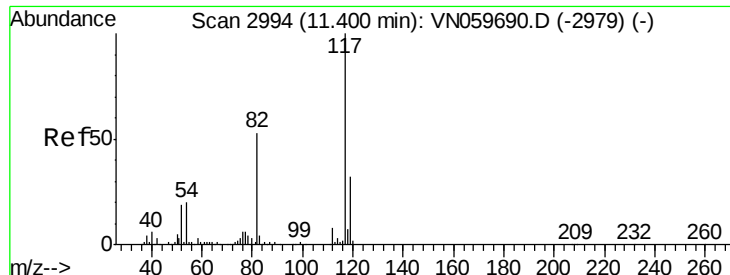
20000

0

Time-->

12.35 12.40 12.45

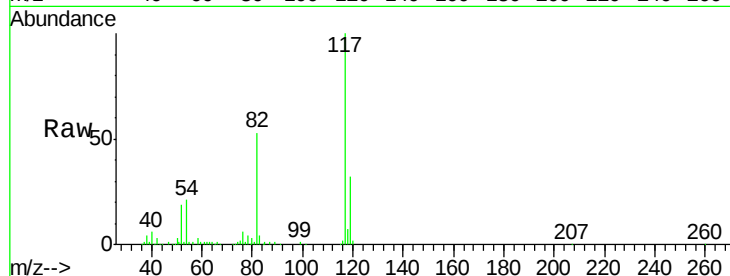




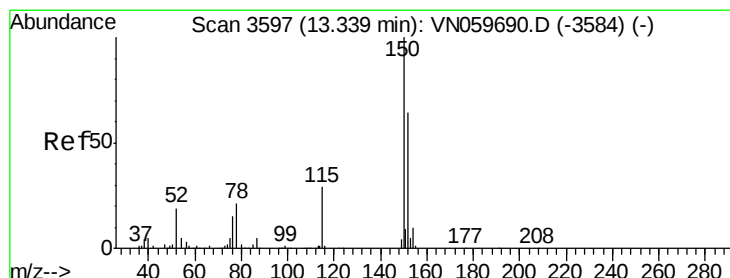
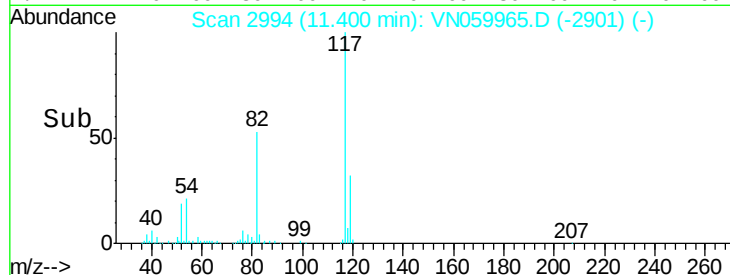
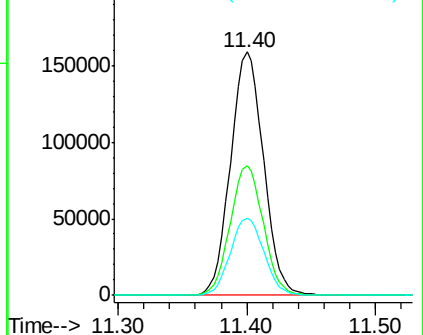
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059965.D
Acq: 3 Feb 2020 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBL01

Tot Ion:117 Resp: 282581
Ion Ratio Lower Upper
117 100
82 53.1 45.9 68.9
119 31.7 25.5 38.3

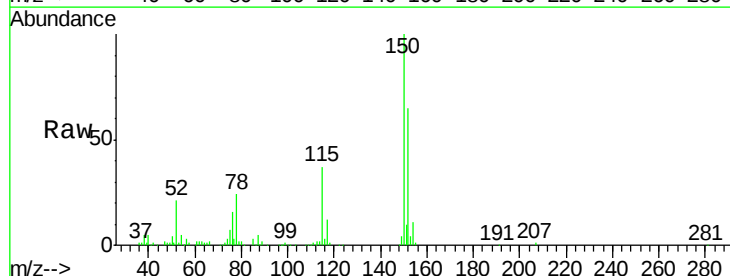


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059965.D
Acq: 3 Feb 2020 11:03

Tgt Ion:152 Resp: 123447
Ion Ratio Lower Upper
152 100
115 57.8 30.3 90.9
150 156.5 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

