

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030420\
 Data File : VN060338.D
 Acq On : 4 Mar 2020 9:19
 Operator : JC/MD
 Sample : VN0304MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304MBL01

Quant Time: Mar 05 05:46:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	324033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	292535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125679	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125589	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	7.56	113	93256	62.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.00%	
50) Toluene-d8	10.08	98	393210	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.40	95	139193	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

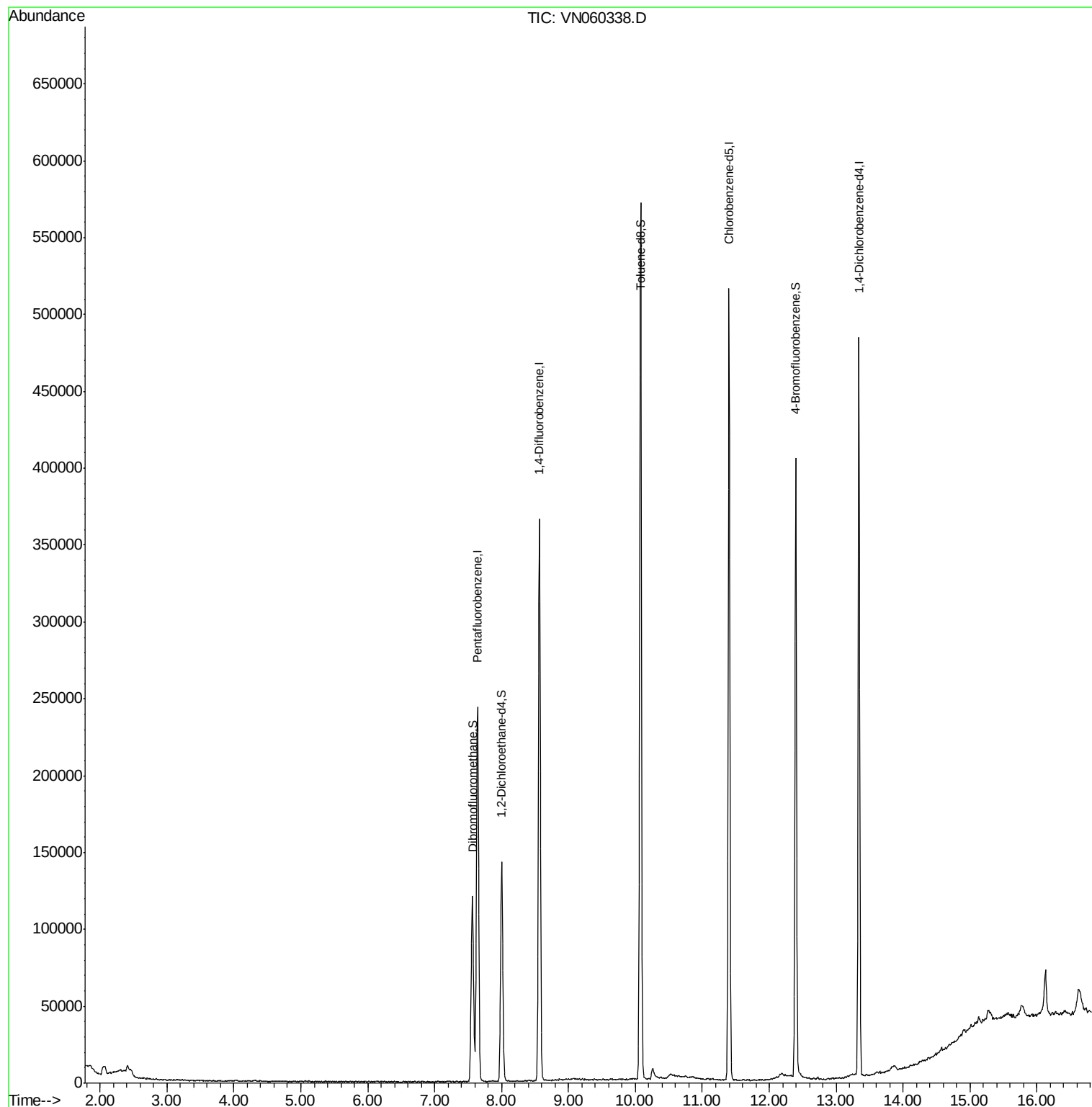
Target Compounds	Qvalue

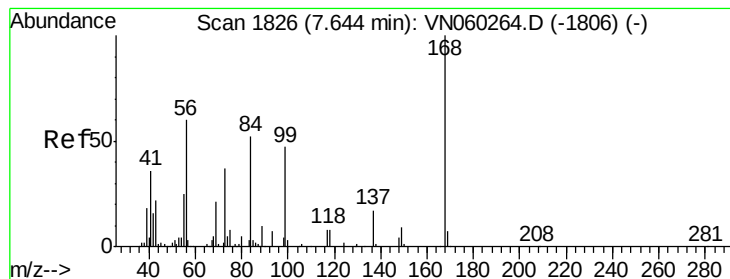
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
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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: VN060338.D

Acq: 4 Mar 2020 9:19

Instrument :

MSVOA_N

ClientSampleId :

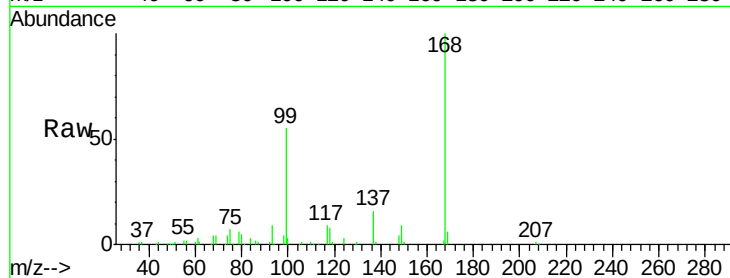
VN0304MBL01

Tot Ion:168 Resp: 201164

Ion Ratio Lower Upper

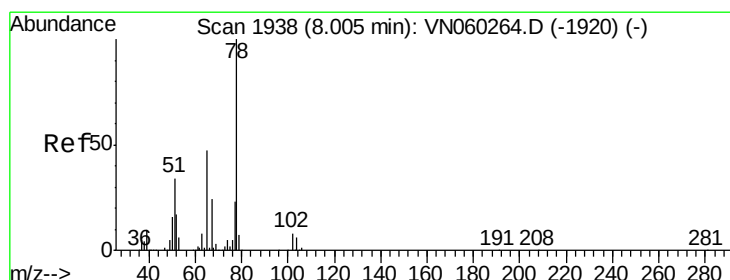
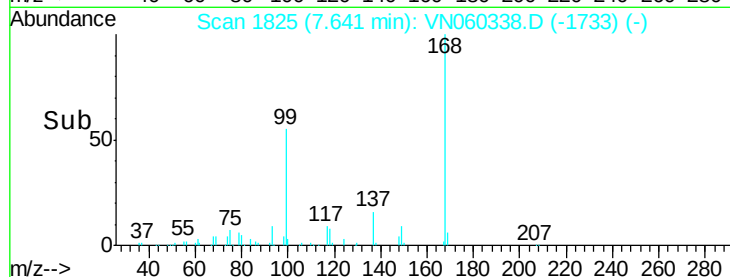
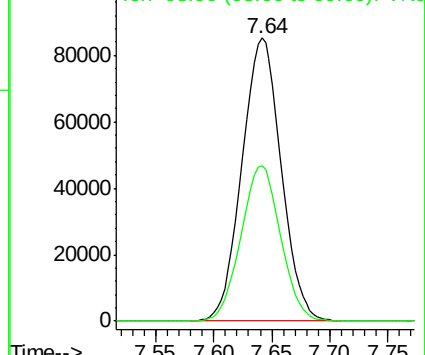
168 100

99 55.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 48.660 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060338.D

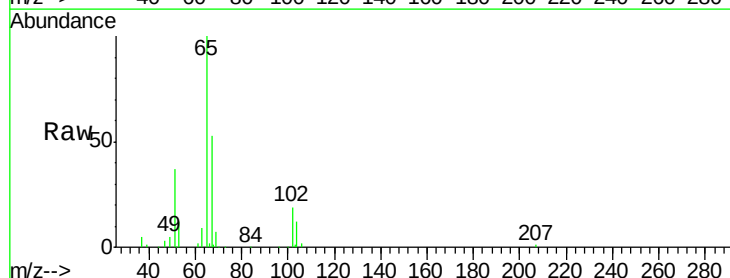
Acq: 4 Mar 2020 9:19

Tgt Ion: 65 Resp: 125589

Ion Ratio Lower Upper

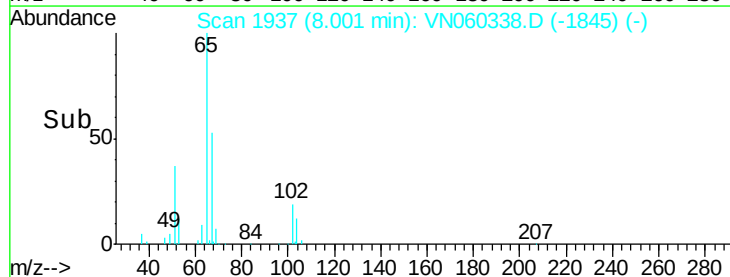
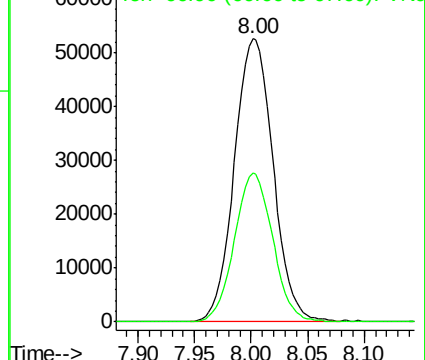
65 100

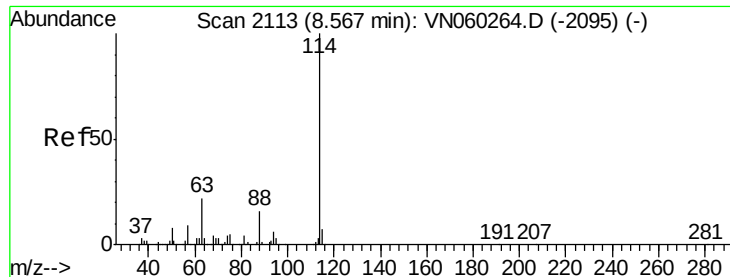
67 51.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060338.D

Acq: 4 Mar 2020 9:19

Instrument :

MSVOA_N

ClientSampleId :

VN0304MBL01

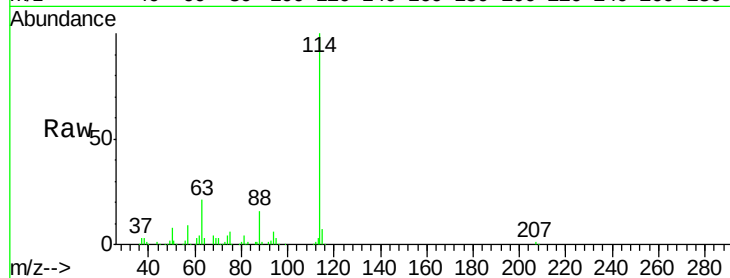
Tot Ion:114 Resp: 324033

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 15.9 0.0 31.6



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

200000

150000

100000

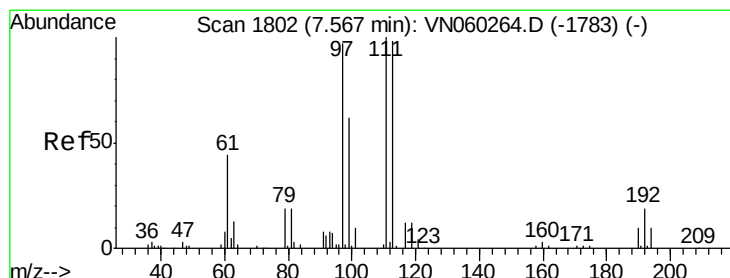
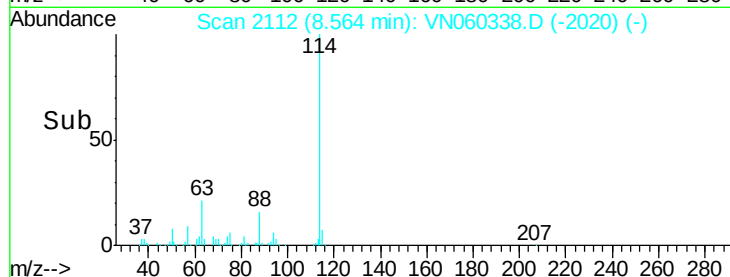
50000

0

8.56

8.50 8.60 8.70

Time-->



#35

Dibromofluoromethane

Concen: 62.003 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060338.D

Acq: 4 Mar 2020 9:19

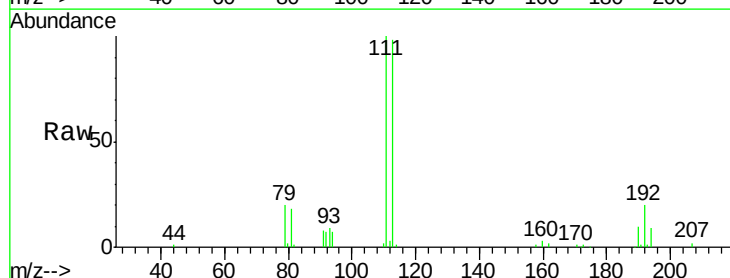
Tgt Ion:113 Resp: 93256

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 19.8 16.2 24.2



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

50000

40000

30000

20000

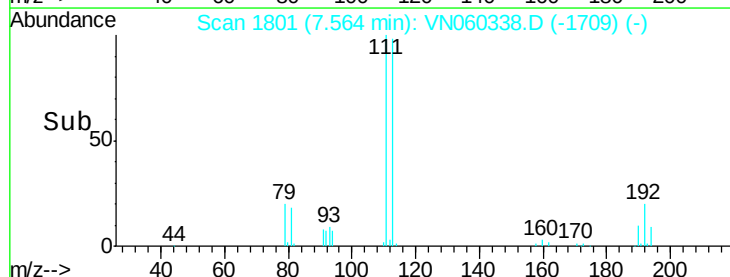
10000

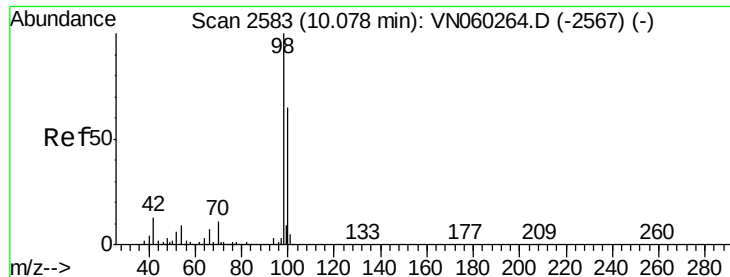
0

7.56

7.50 7.60 7.70

Time-->





#50

Toluene-d8

Concen: 51.655 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060338.D

Acq: 4 Mar 2020 9:19

Instrument :

MSVOA_N

ClientSampleId :

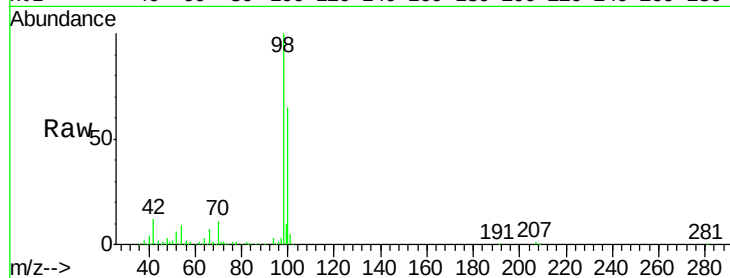
VN0304MBL01

Tot Ion: 98 Resp: 393210

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)

10.08

250000

200000

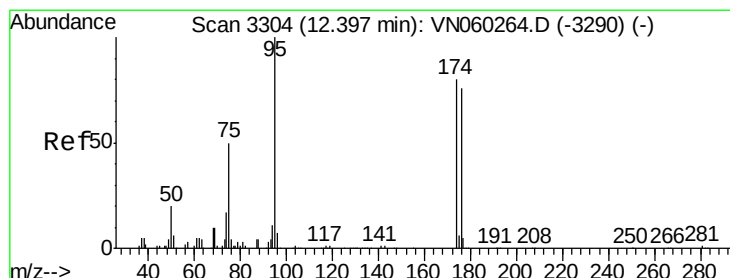
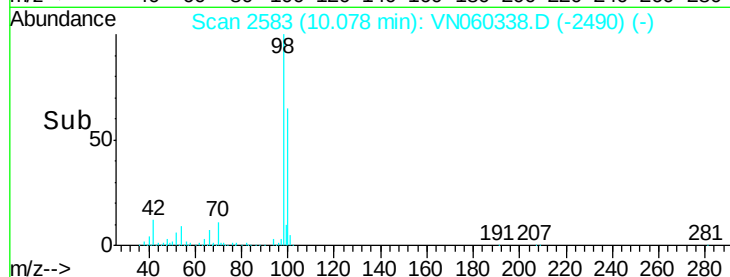
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.237 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060338.D

Acq: 4 Mar 2020 9:19

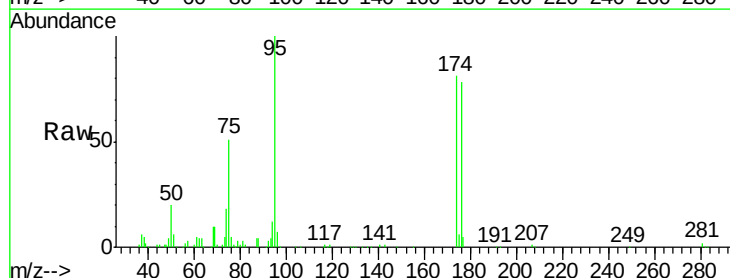
Tgt Ion: 95 Resp: 139193

Ion Ratio Lower Upper

95 100

174 80.1 0.0 159.2

176 78.1 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060264.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060264.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060264.D (-3290) (-)

12.40

100000

80000

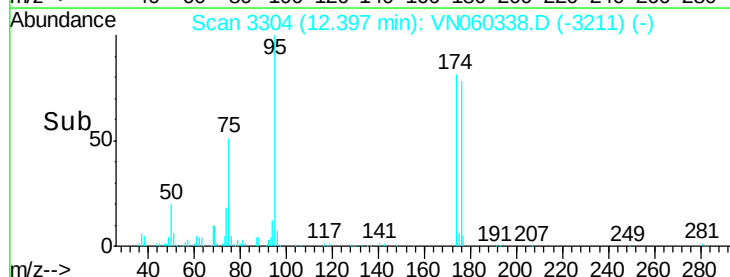
60000

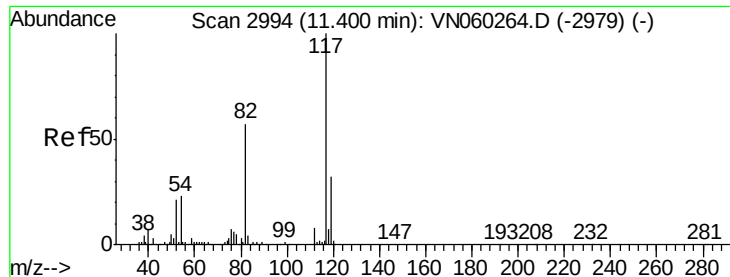
40000

20000

0

Time-->

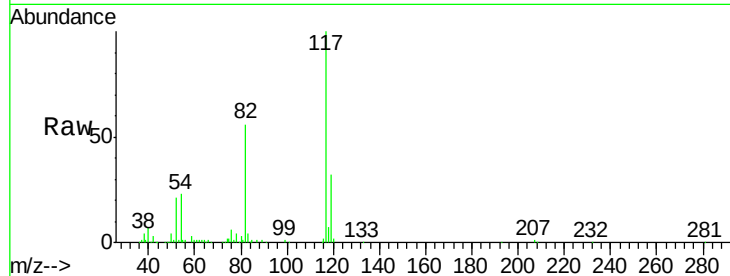




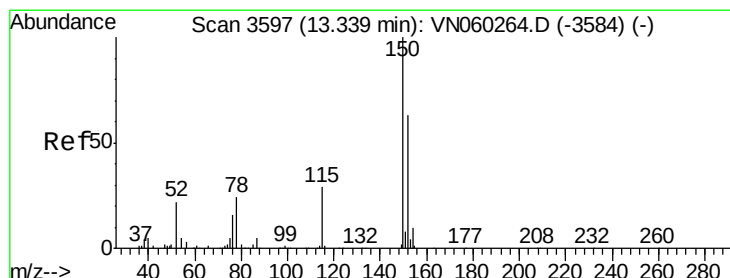
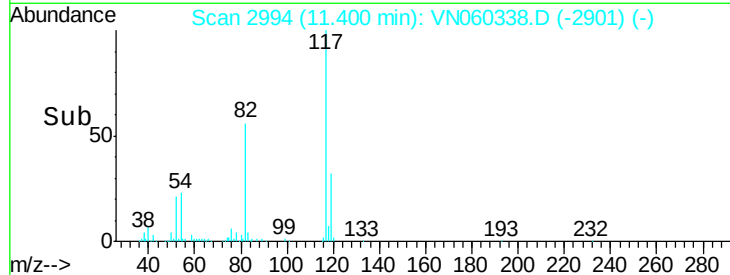
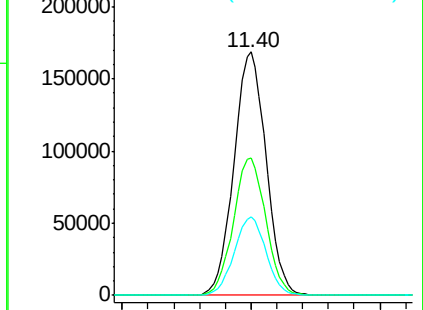
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060338.D
Acq: 4 Mar 2020 9:19

Instrument :
MSVOA_N
ClientSampleId :
VN0304MBL01

Tot Ion:117 Resp: 292535
Ion Ratio Lower Upper
117 100
82 56.3 45.8 68.6
119 32.2 25.8 38.8

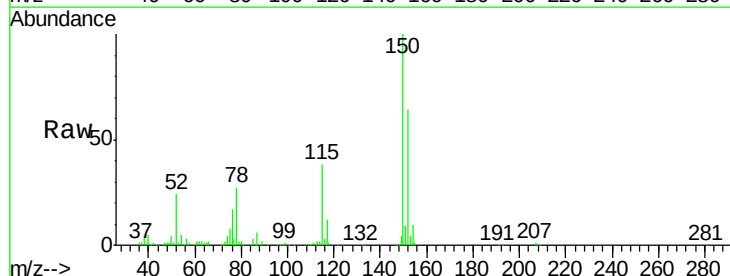


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060338.D
Acq: 4 Mar 2020 9:19

Tgt Ion:152 Resp: 125679
Ion Ratio Lower Upper
152 100
115 58.8 30.0 90.0
150 156.3 0.0 349.6



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

