

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060515.D
 Acq On : 16 Mar 2020 11:51
 Operator : JC/MD
 Sample : VN0316WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBL01

Quant Time: Mar 17 09:05:02 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	199980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	329257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	297476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123569	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127152	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.56	113	97574	63.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.68%	
50) Toluene-d8	10.08	98	401880	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	141069	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	

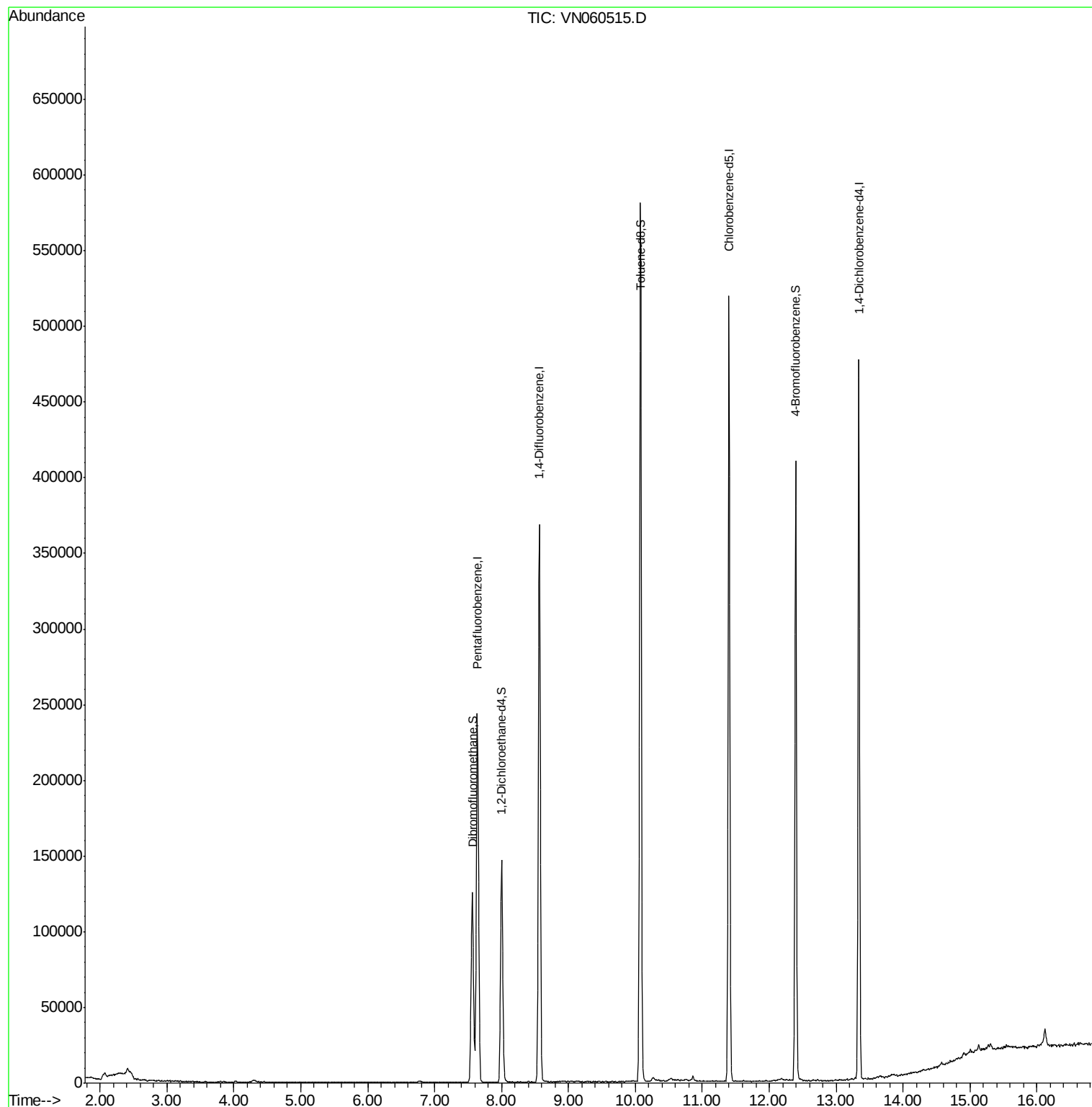
Target Compounds	Qvalue

(#) = 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

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Instrument :

MSVOA_N

ClientSampleId :

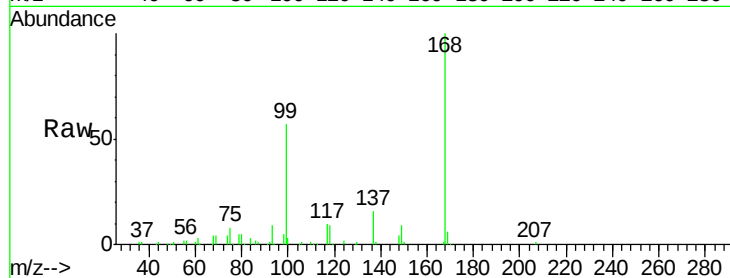
VN0316WBL01

Tot Ion:168 Resp: 199980

Ion Ratio Lower Upper

168 100

99 57.3 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

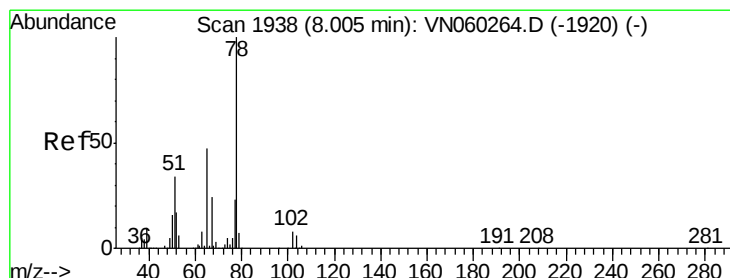
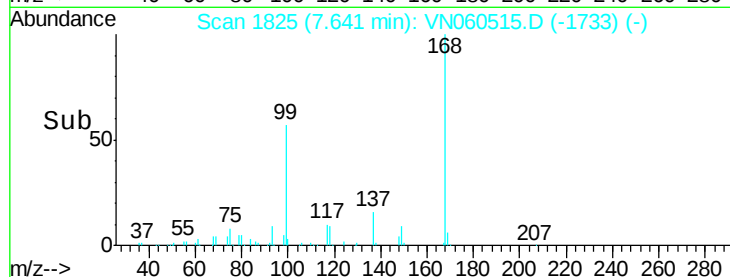
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 49.557 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060515.D

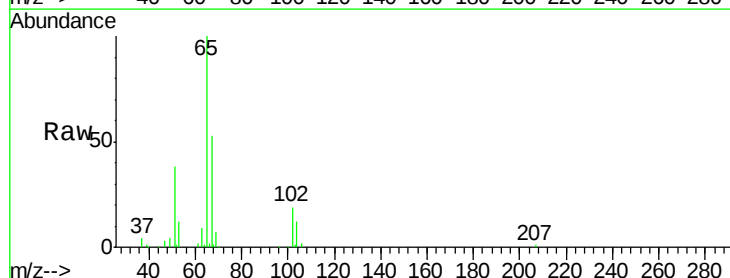
Acq: 16 Mar 2020 11:51

Tgt Ion: 65 Resp: 127152

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

60000

50000

40000

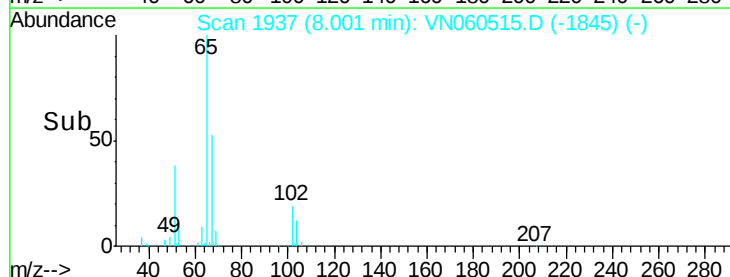
30000

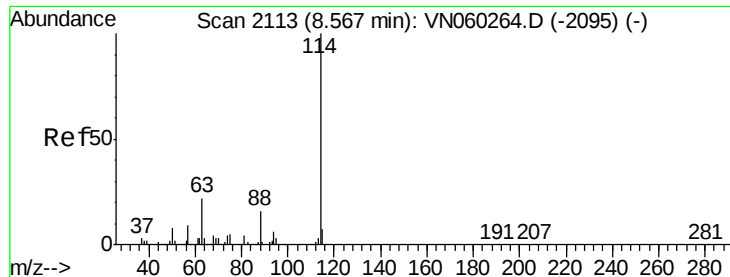
20000

10000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060515.D

Acq: 16 Mar 2020 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0316WBL01

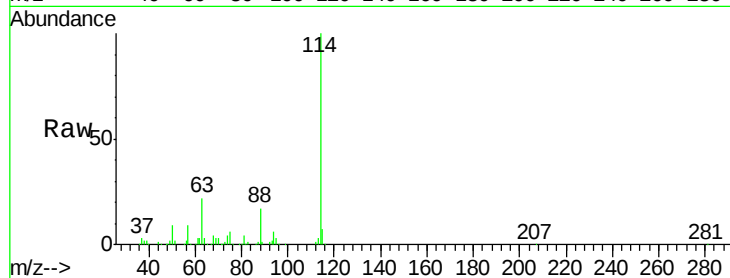
Tot Ion:114 Resp: 329257

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

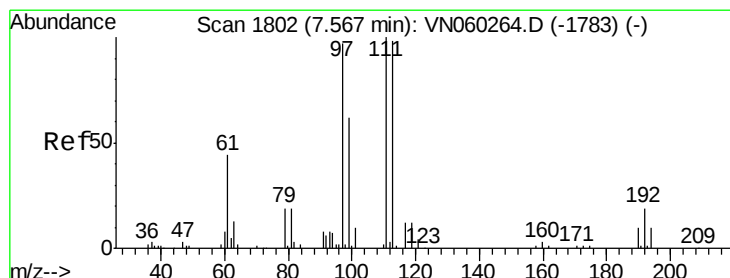
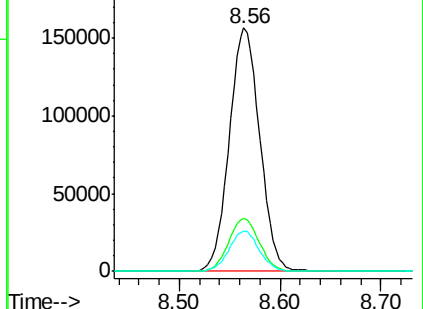
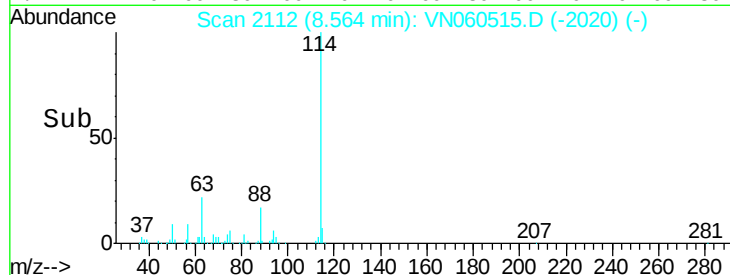
88 16.7 0.0 31.6



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



#35

Dibromofluoromethane

Concen: 63.845 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060515.D

Acq: 16 Mar 2020 11:51

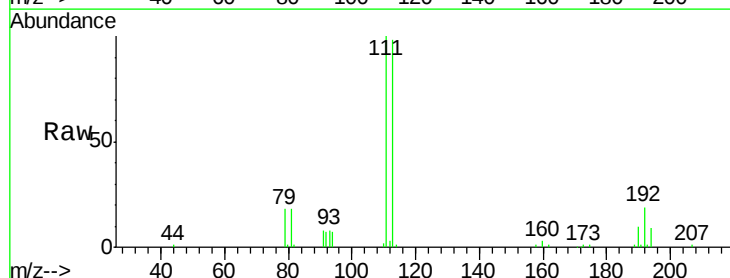
Tgt Ion:113 Resp: 97574

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

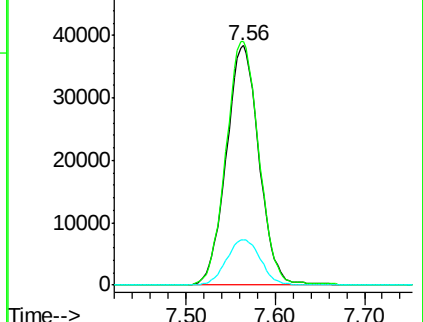
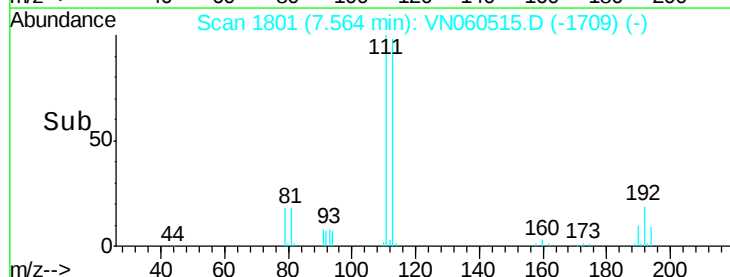
192 19.7 16.2 24.2

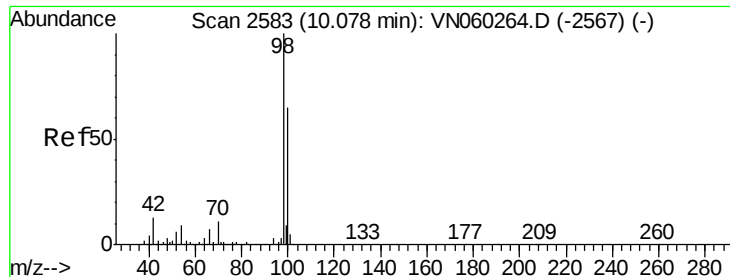


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.956 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

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MSVOA_N

ClientSampleId :

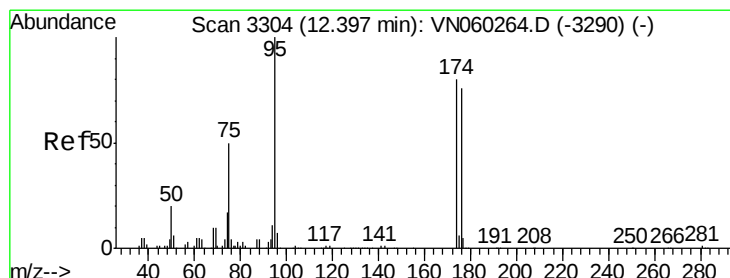
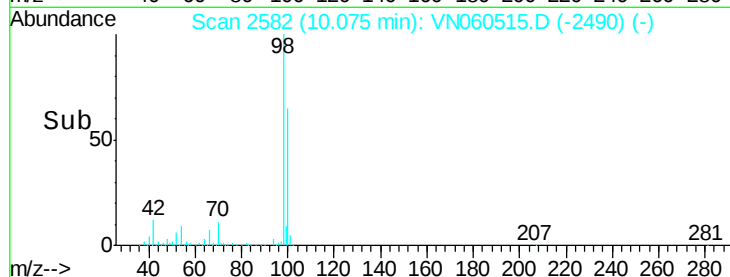
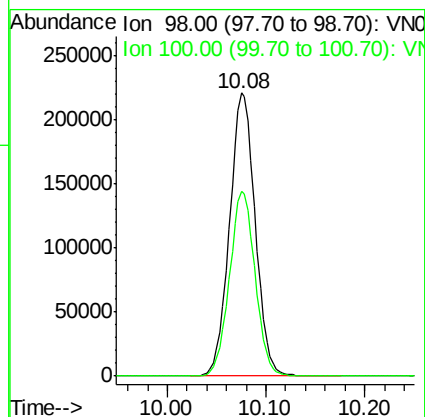
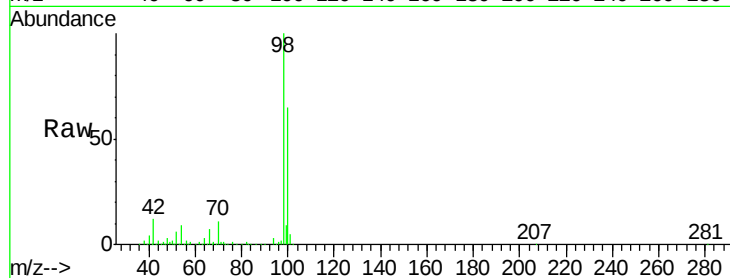
VN0316WBL01

Tot Ion: 98 Resp: 401880

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.111 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060515.D

Acq: 16 Mar 2020 11:51

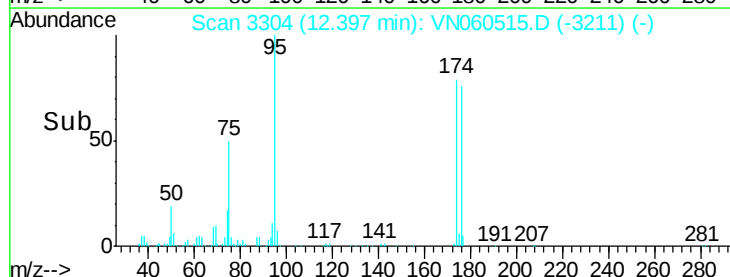
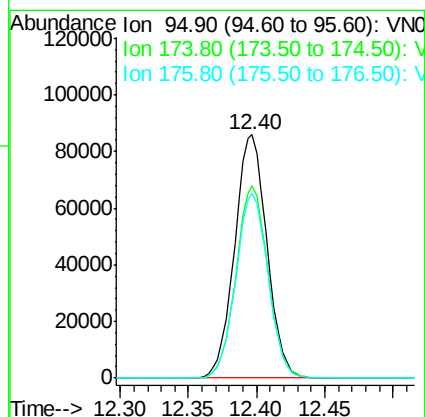
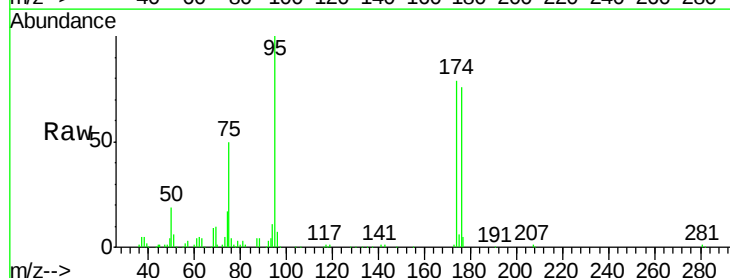
Tgt Ion: 95 Resp: 141069

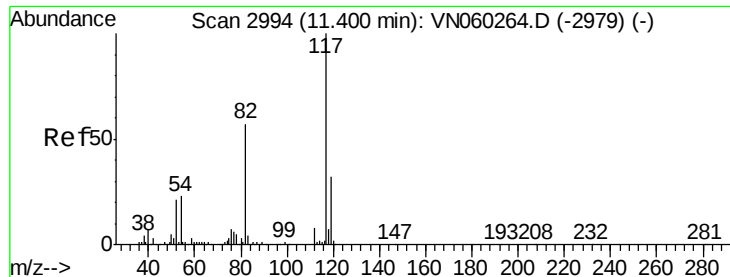
Ion Ratio Lower Upper

95 100

174 78.2 0.0 159.2

176 75.8 0.0 153.8

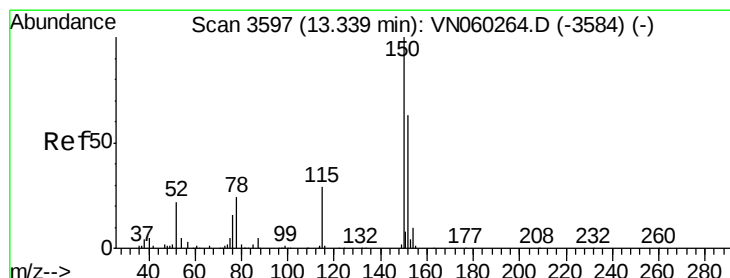
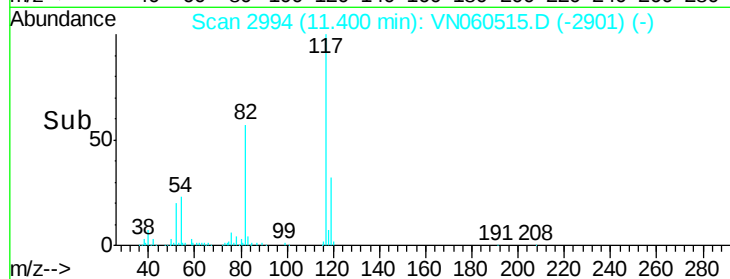
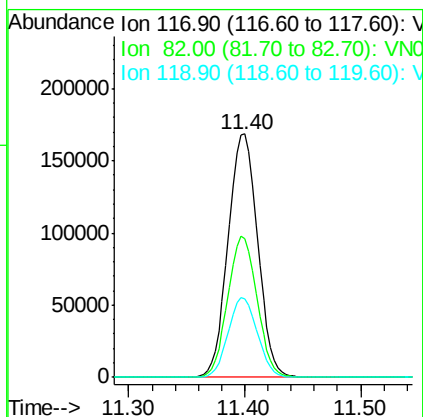
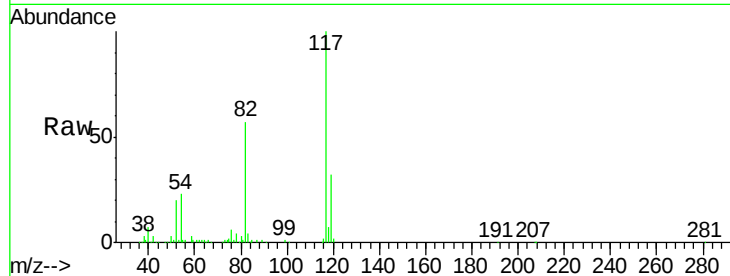




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060515.D
Acq: 16 Mar 2020 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBL01

Tot Ion:117 Resp: 297476
Ion Ratio Lower Upper
117 100
82 56.9 45.8 68.6
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060515.D
Acq: 16 Mar 2020 11:51

Tgt Ion:152 Resp: 123569
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 156.6 0.0 349.6

