

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060490.D
 Acq On : 13 Mar 2020 10:10
 Operator : JC/MD
 Sample : VN0313WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBL01

Quant Time: Mar 16 04:59:02 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	194985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	322408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127704	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	7.57	113	95083	63.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.08%	
50) Toluene-d8	10.08	98	393936	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.40	95	142508	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

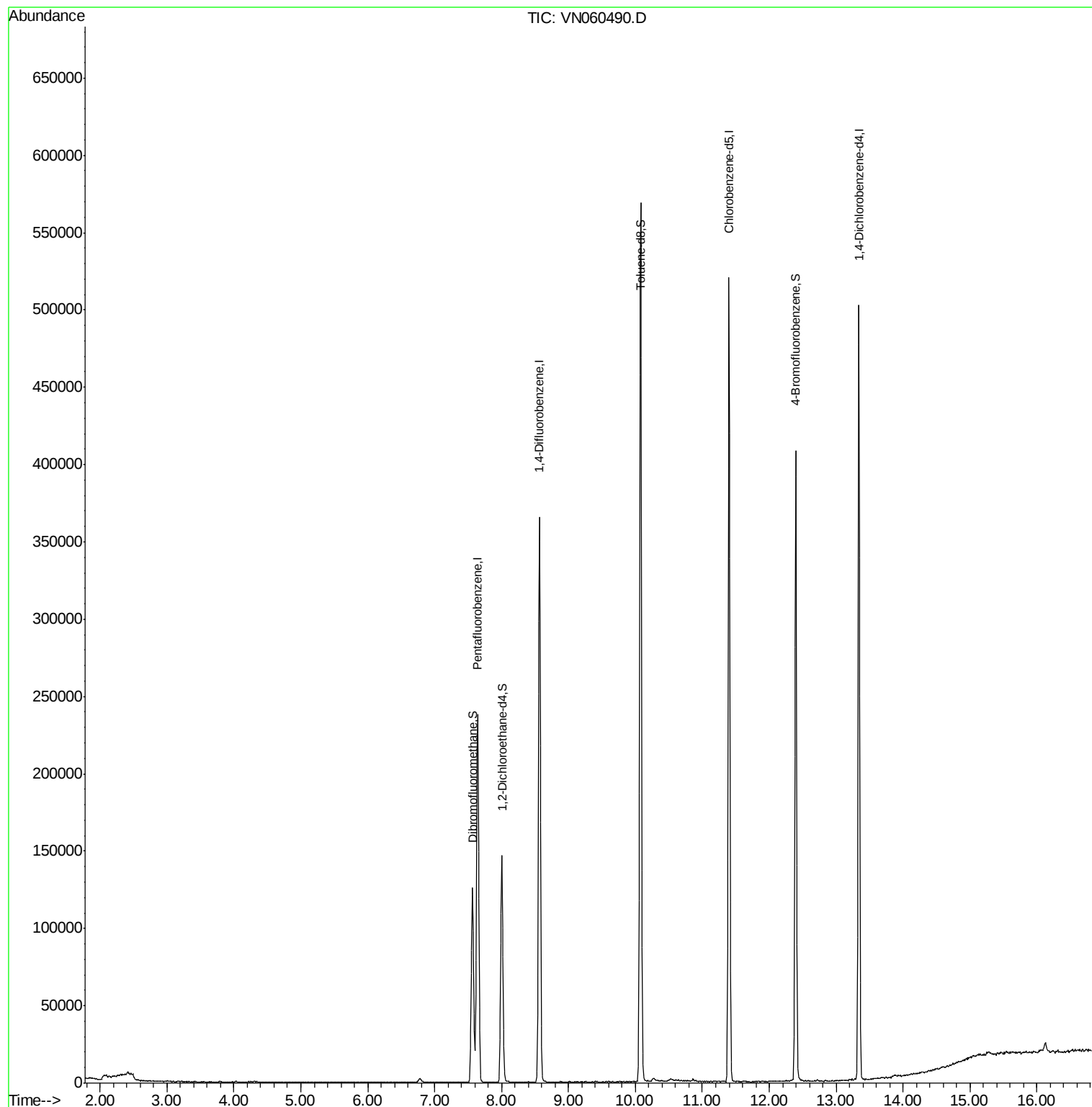
Target Compounds	Qvalue

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060490.D

Acq: 13 Mar 2020 10:10

Instrument :

MSVOA_N

ClientSampleId :

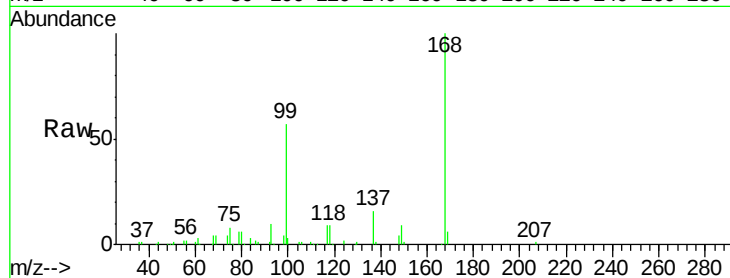
VN0313WBL01

Tot Ion:168 Resp: 194985

Ion Ratio Lower Upper

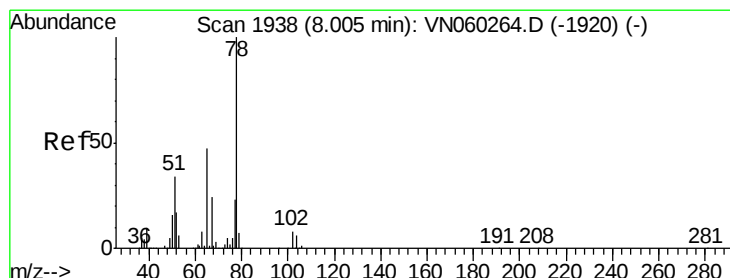
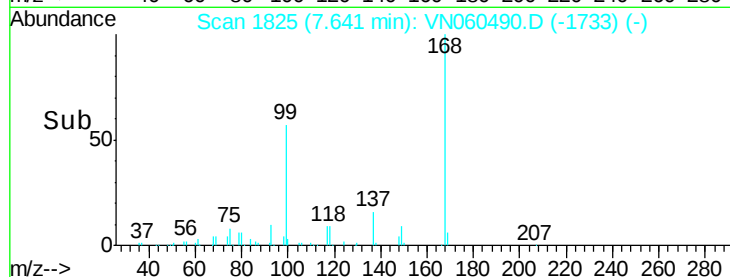
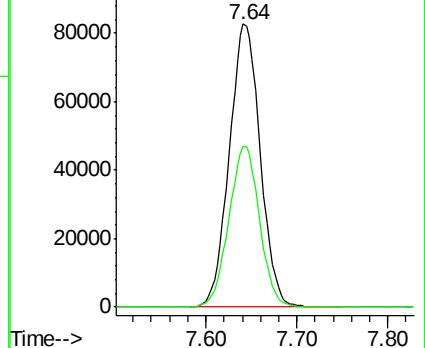
168 100

99 56.8 44.7 67.1



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: 51.047 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060490.D

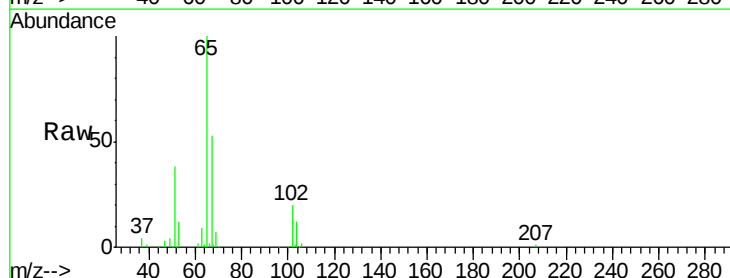
Acq: 13 Mar 2020 10:10

Tgt Ion: 65 Resp: 127704

Ion Ratio Lower Upper

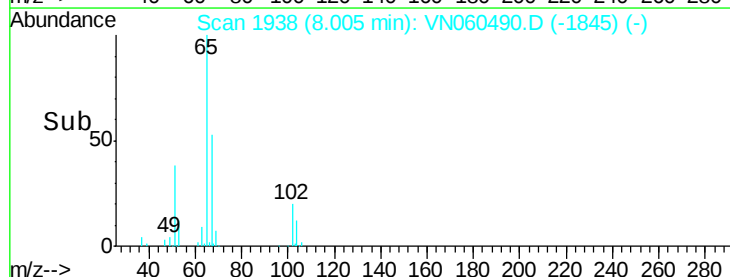
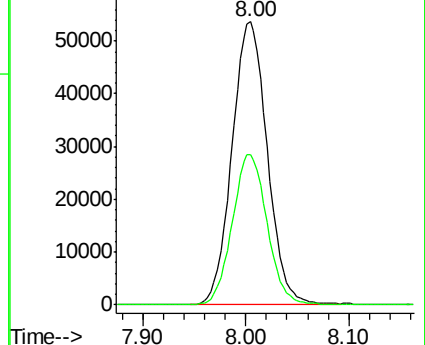
65 100

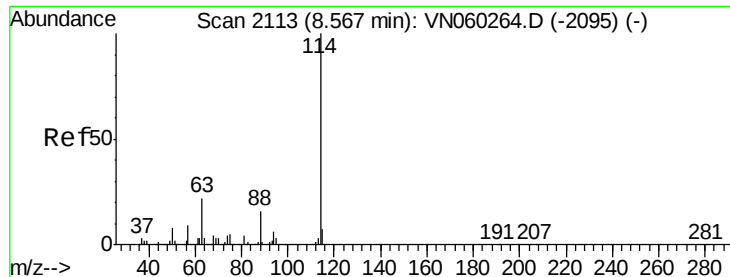
67 52.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

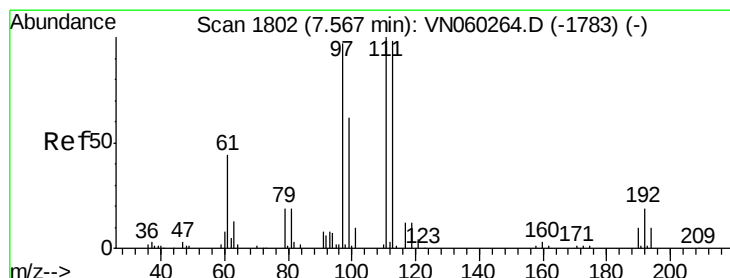
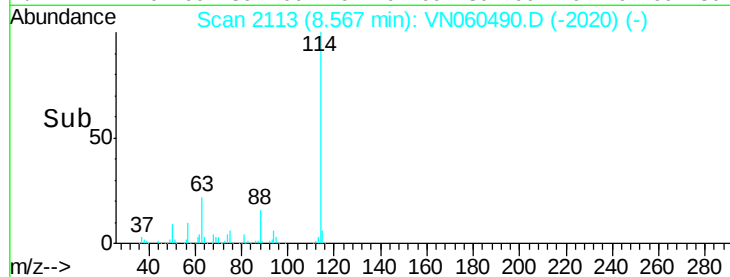
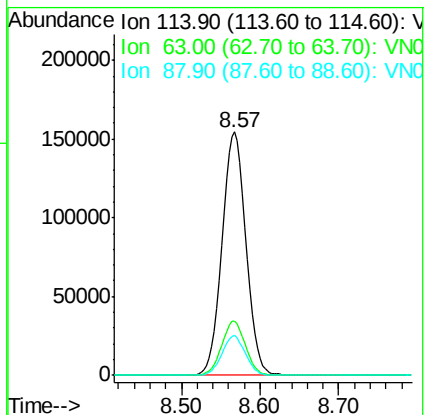
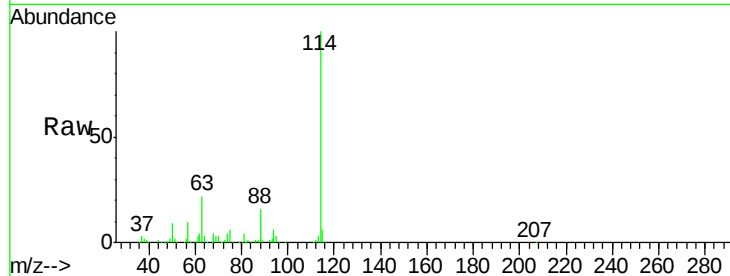




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060490.D
Acq: 13 Mar 2020 10:10

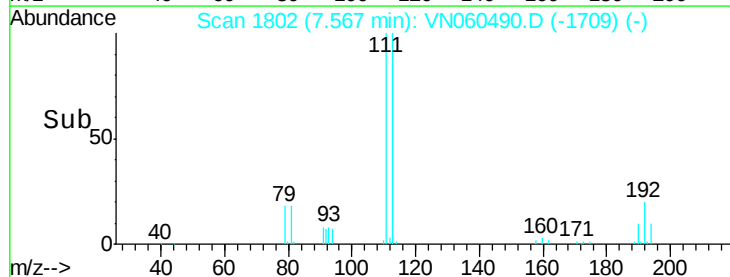
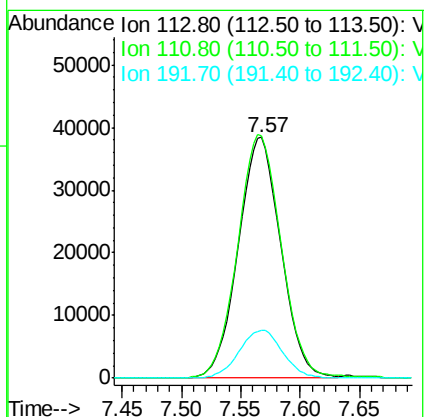
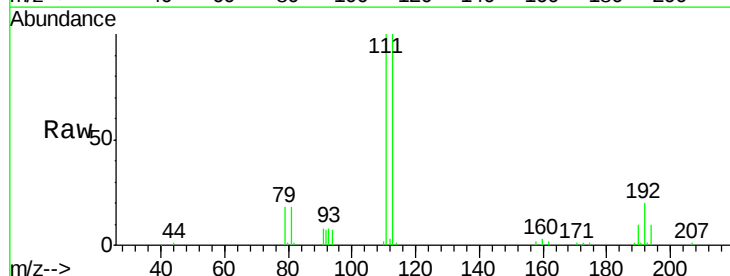
Instrument :
MSVOA_N
ClientSampleId :
VN0313WBL01

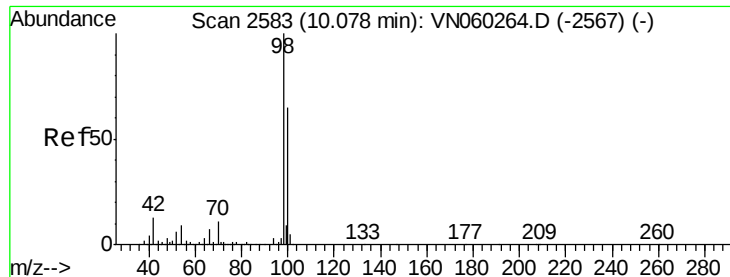
Tot Ion:114 Resp: 322408
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.2
88 16.3 0.0 31.6



#35
Dibromofluoromethane
Concen: 63.536 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060490.D
Acq: 13 Mar 2020 10:10

Tgt Ion:113 Resp: 95083
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 20.3 16.2 24.2





#50

Toluene-d8

Concen: 52.011 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060490.D

Acq: 13 Mar 2020 10:10

Instrument :

MSVOA_N

ClientSampleId :

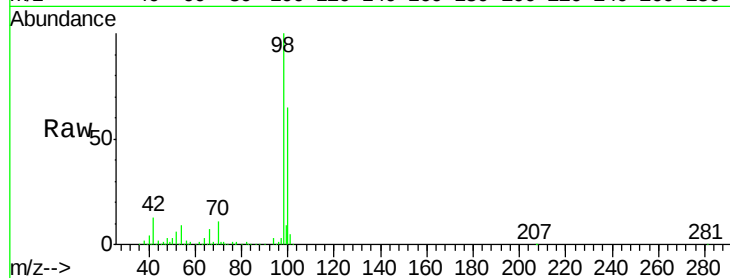
VN0313WBL01

Tot Ion: 98 Resp: 393936

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060490.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060490.D (-2490) (-)

10.08

250000

200000

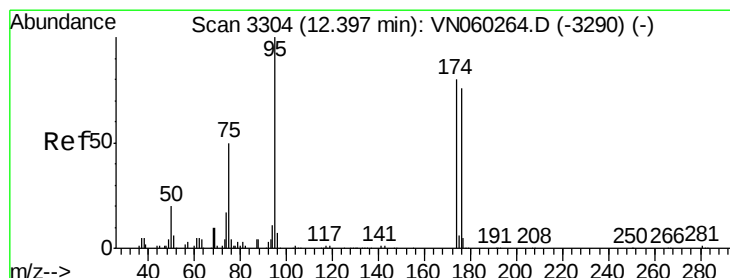
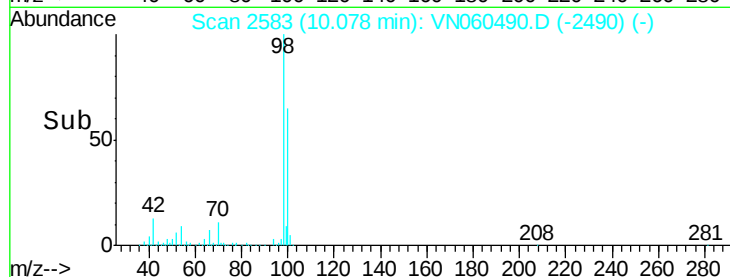
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.635 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060490.D

Acq: 13 Mar 2020 10:10

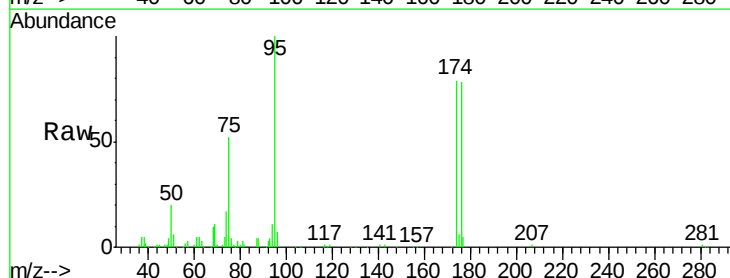
Tgt Ion: 95 Resp: 142508

Ion Ratio Lower Upper

95 100

174 78.4 0.0 159.2

176 76.2 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060490.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060490.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060490.D (-3211) (-)

12.40

100000

80000

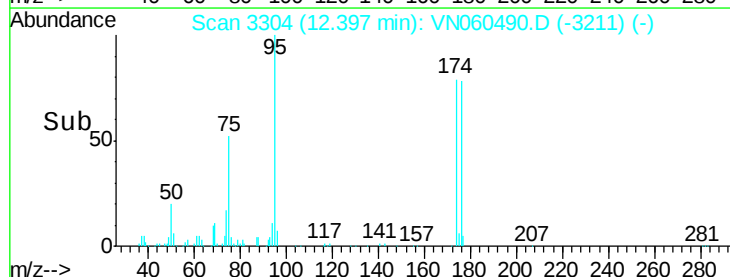
60000

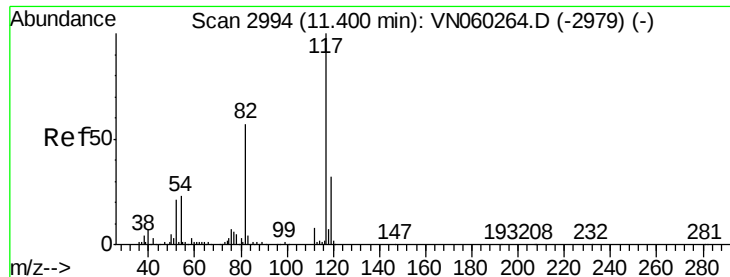
40000

20000

0

Time-->

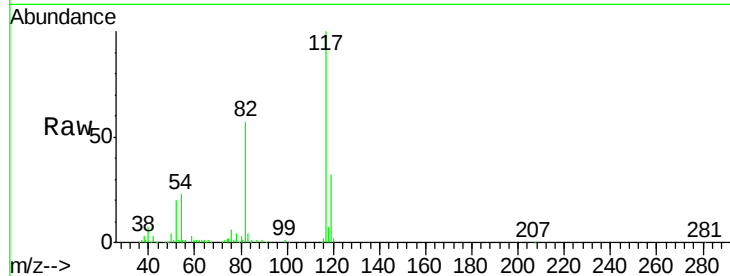




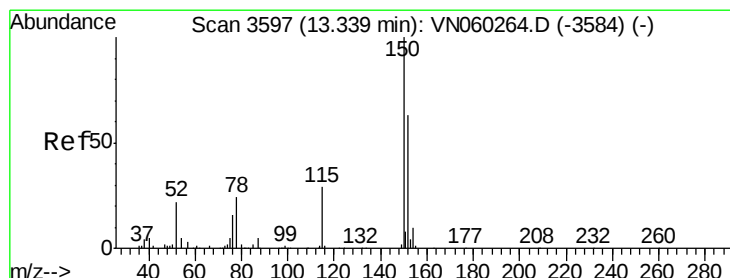
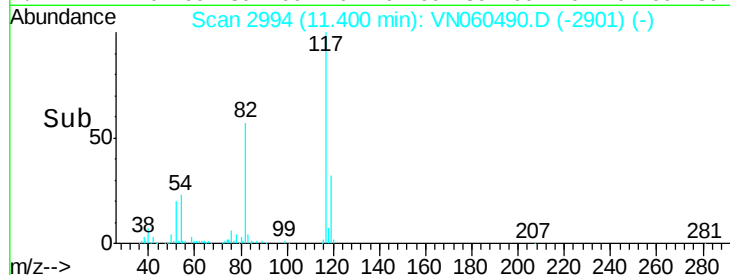
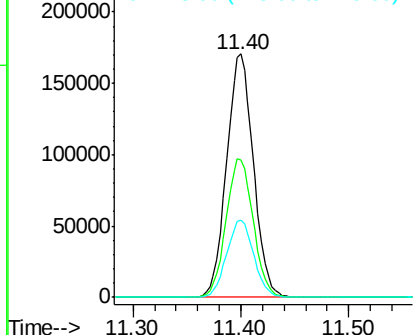
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060490.D
Acq: 13 Mar 2020 10:10

Instrument :
MSVOA_N
ClientSampleId :
VN0313WBL01

Tot Ion:117 Resp: 295592
Ion Ratio Lower Upper
117 100
82 56.5 45.8 68.6
119 31.9 25.8 38.8

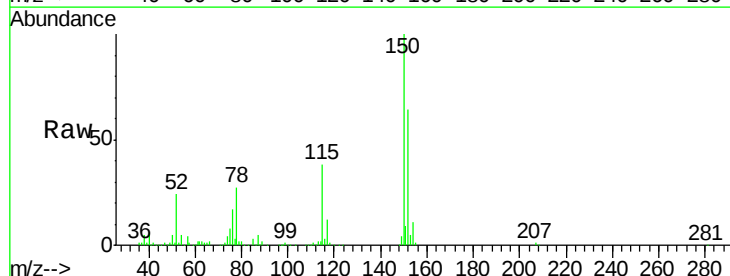


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060490.D
Acq: 13 Mar 2020 10:10

Tgt Ion:152 Resp: 128709
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.0
150 157.5 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

