

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061452.D
 Acq On : 19 May 2020 1:05
 Operator : JC/MD
 Sample : VN0518WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBL02

Quant Time: May 19 04:49:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	238897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	437526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	425487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179297	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	168884	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
35) Dibromofluoromethane	7.54	113	124429	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
50) Toluene-d8	10.06	98	553380	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.37	95	207907	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

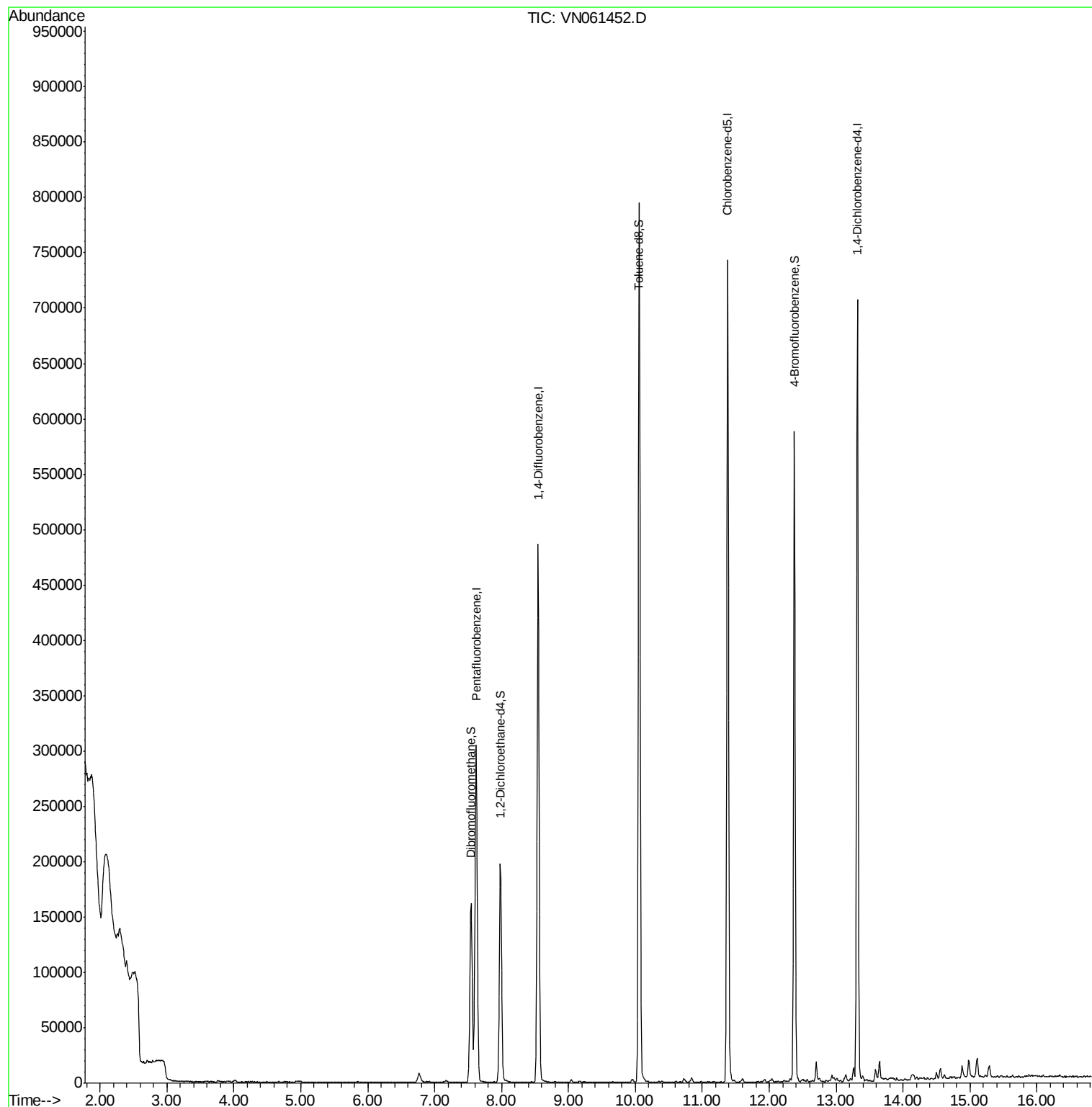
Target Compounds	Qvalue

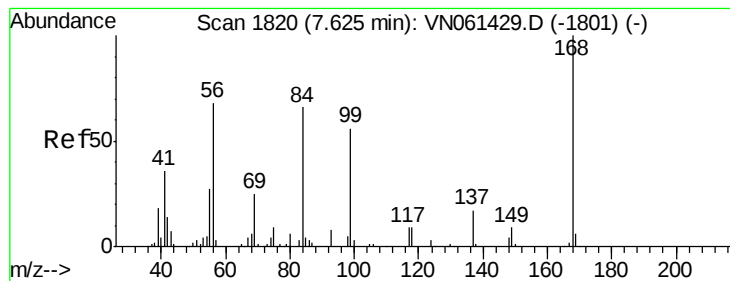
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :

MSVOA_N

ClientSampleId :

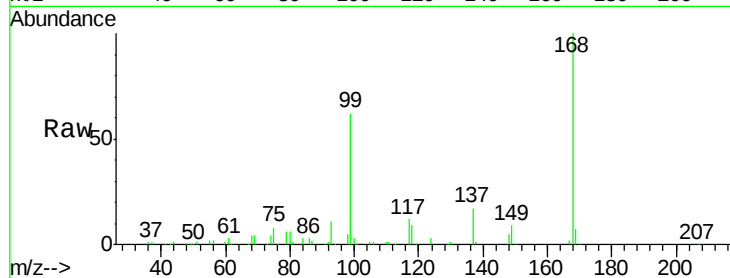
VN0518WBL02

Tot Ion:168 Resp: 238897

Ion Ratio Lower Upper

168 100

99 61.5 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

100000

80000

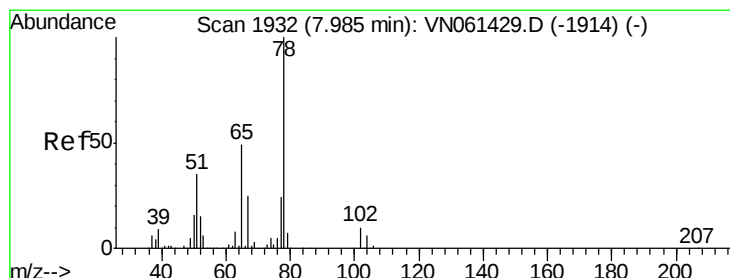
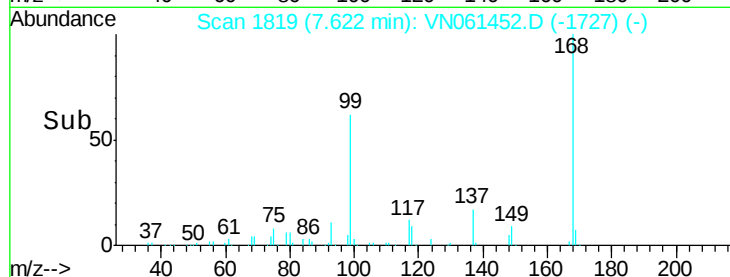
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 47.367 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VN061452.D

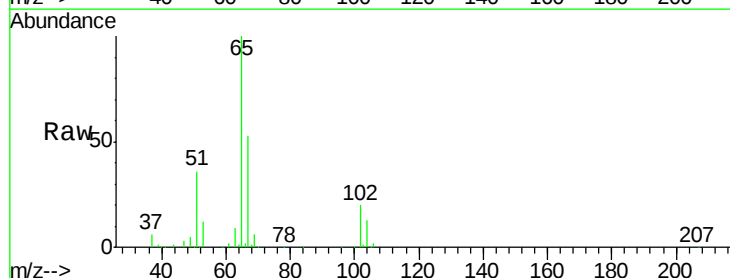
Acq: 19 May 2020 1:05

Tgt Ion: 65 Resp: 168884

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.98

80000

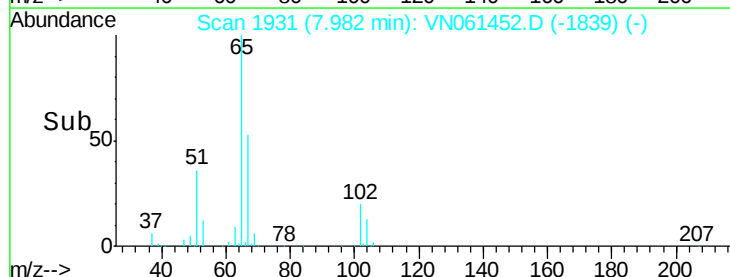
60000

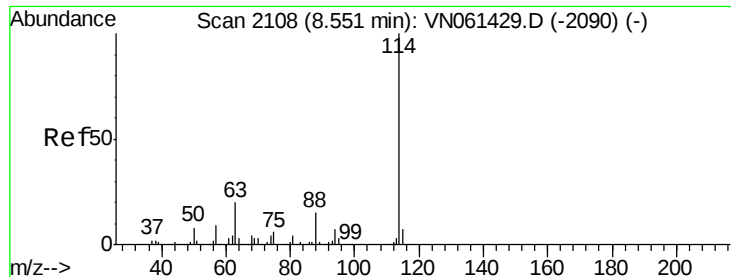
40000

20000

0

Time--> 7.90 7.95 8.00 8.05

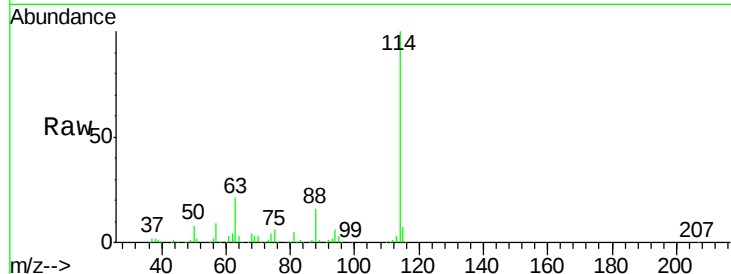




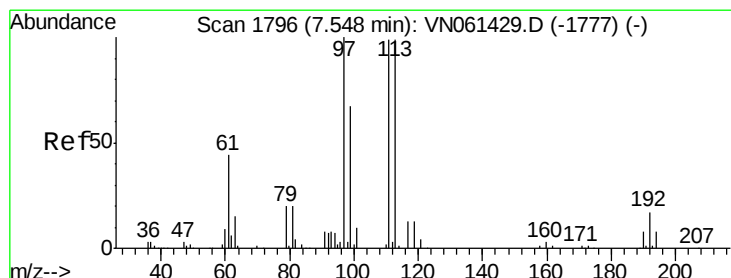
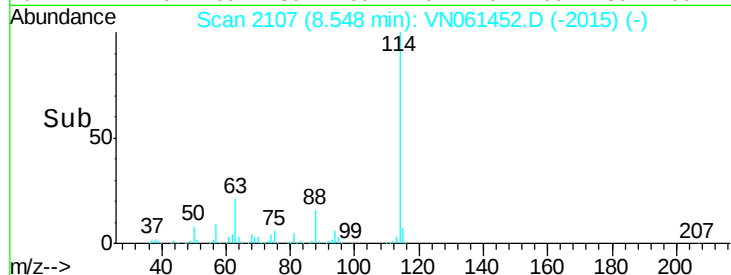
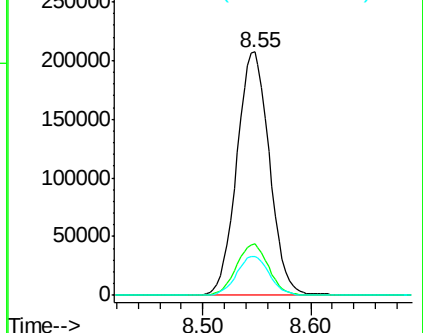
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061452.D
 Acq: 19 May 2020 1:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518WBL02

Tot Ion:114 Resp: 437526
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 16.1 0.0 30.8

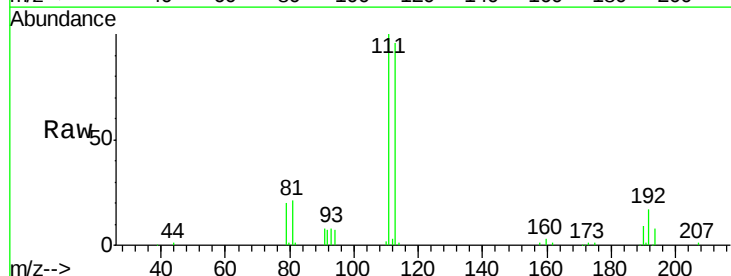


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

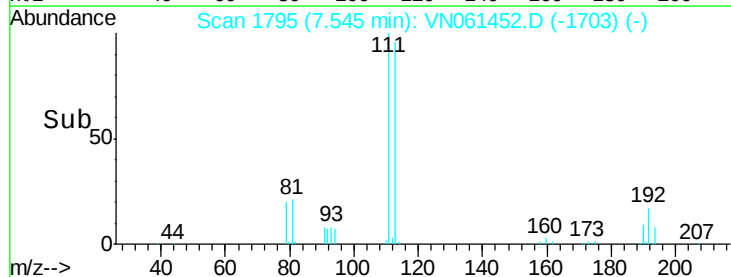
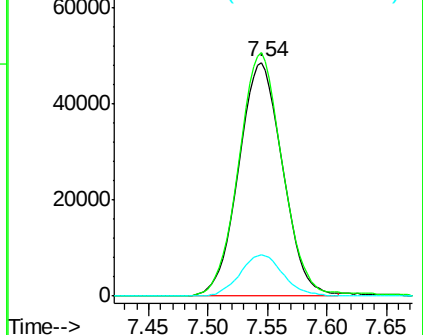


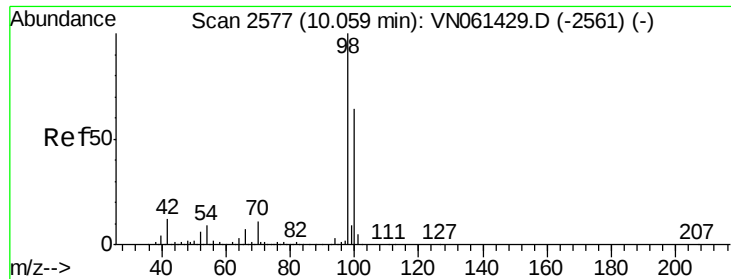
#35
 Dibromofluoromethane
 Concen: 54.287 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061452.D
 Acq: 19 May 2020 1:05

Tgt Ion:113 Resp: 124429
 Ion Ratio Lower Upper
 113 100
 111 104.7 80.6 121.0
 192 17.3 13.2 19.8



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: 52.052 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

Instrument :

MSVOA_N

ClientSampleId :

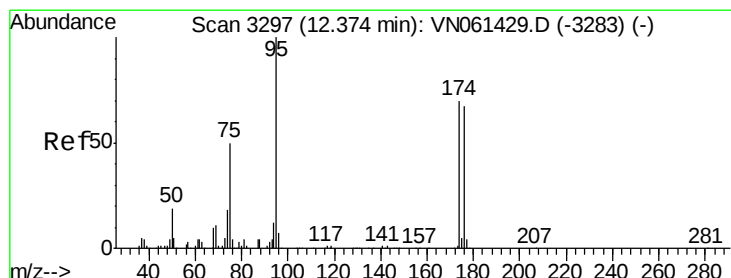
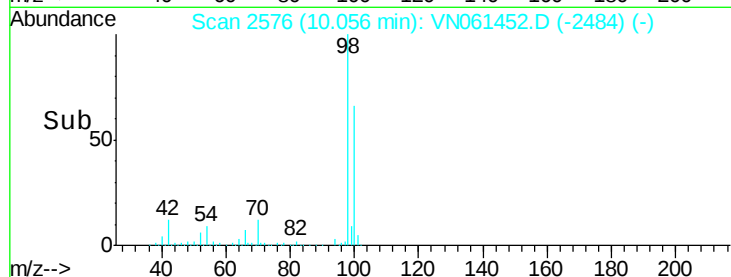
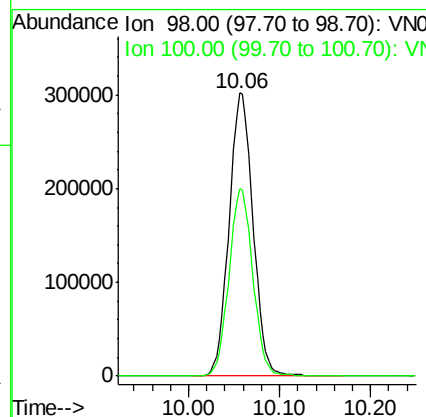
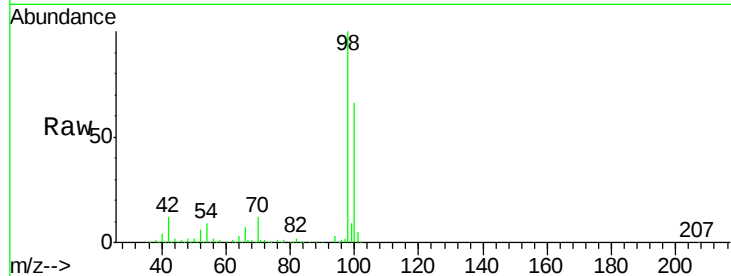
VN0518WBL02

Tot Ion: 98 Resp: 553380

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 52.345 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061452.D

Acq: 19 May 2020 1:05

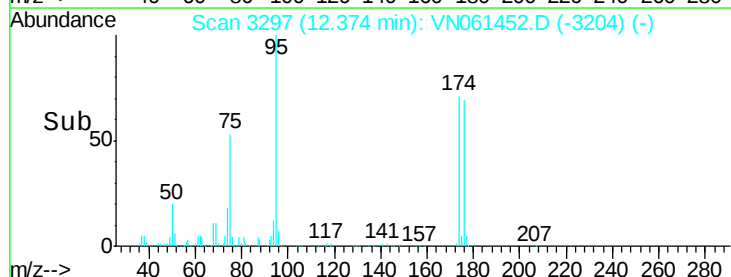
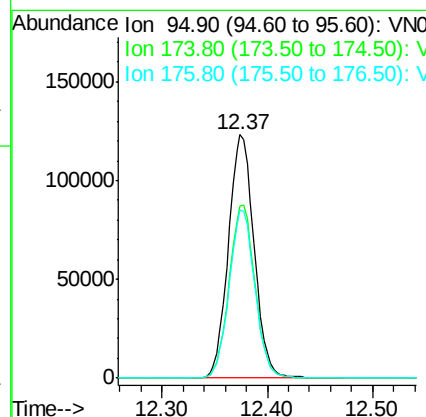
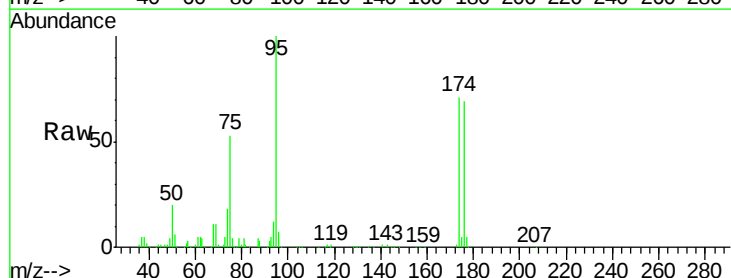
Tgt Ion: 95 Resp: 207907

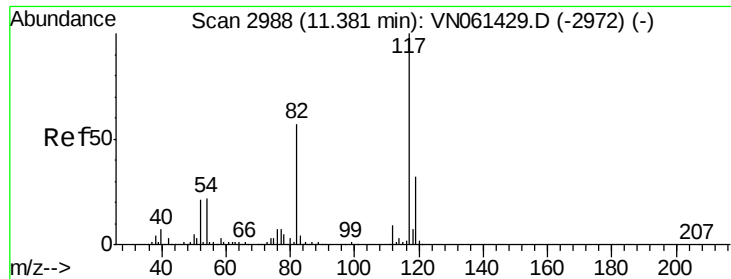
Ion Ratio Lower Upper

95 100

174 71.5 0.0 141.2

176 69.0 0.0 137.6

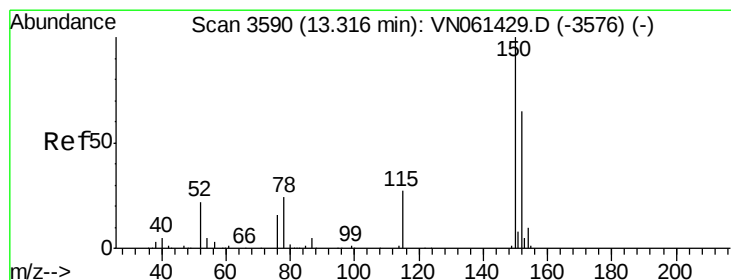
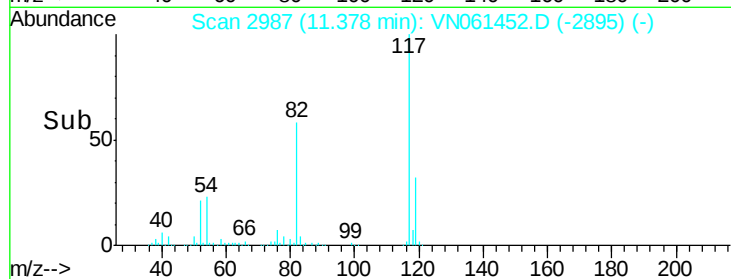
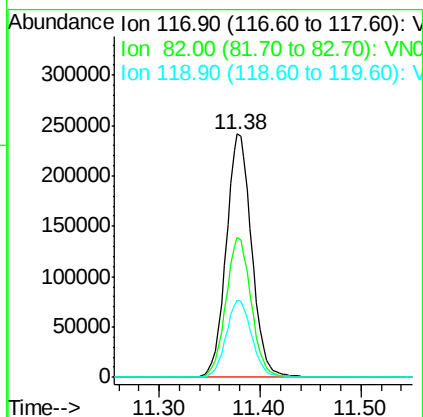
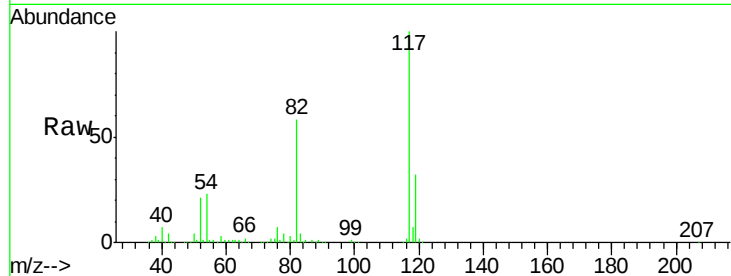




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061452.D
Acq: 19 May 2020 1:05

Instrument :
MSVOA_N
ClientSampleId :
VN0518WBL02

Tot Ion:117 Resp: 425487
Ion Ratio Lower Upper
117 100
82 57.5 45.2 67.8
119 31.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061452.D
Acq: 19 May 2020 1:05

Tgt Ion:152 Resp: 179297
Ion Ratio Lower Upper
152 100
115 61.8 30.9 92.5
150 158.0 0.0 349.2

