

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061476.D
 Acq On : 19 May 2020 12:05
 Operator : JC/MD
 Sample : VN0519WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBL01

Quant Time: May 20 04:10:53 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	242915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	448220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166435	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	170938	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	7.54	113	125813	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
50) Toluene-d8	10.06	98	553919	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.37	95	197646	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	

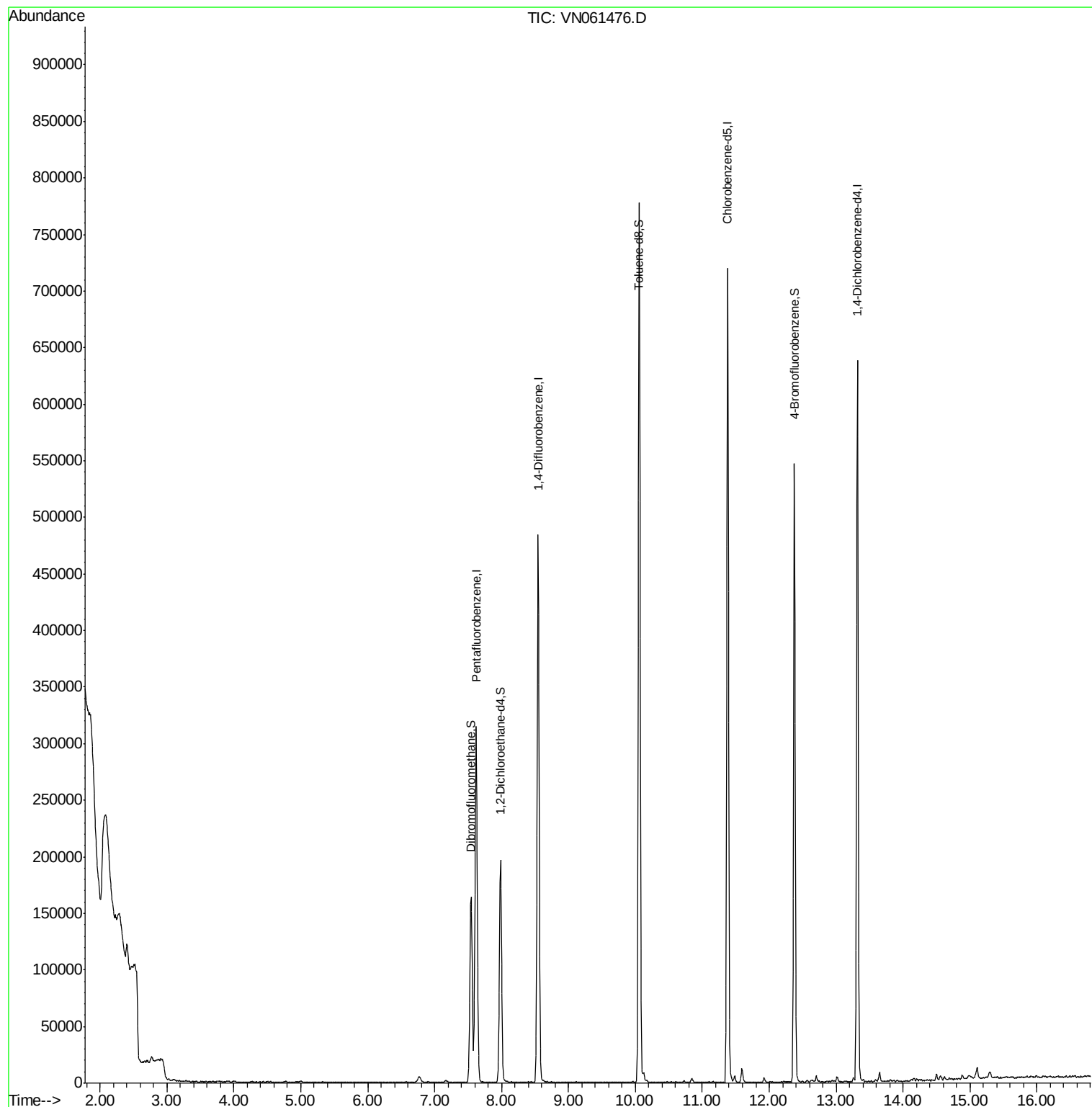
Target Compounds	Qvalue

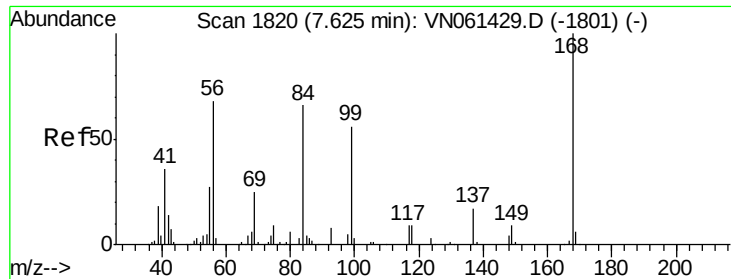
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061476.D

Acq: 19 May 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

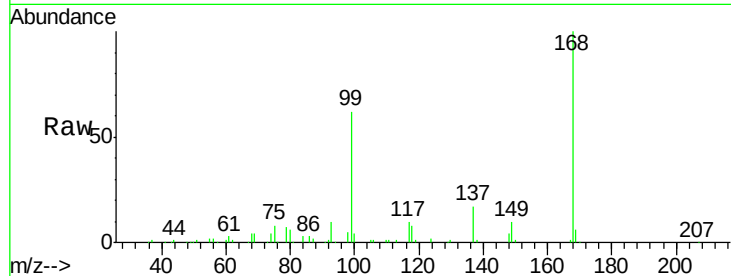
VN0519WBL01

Tot Ion:168 Resp: 242915

Ion Ratio Lower Upper

168 100

99 62.0 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

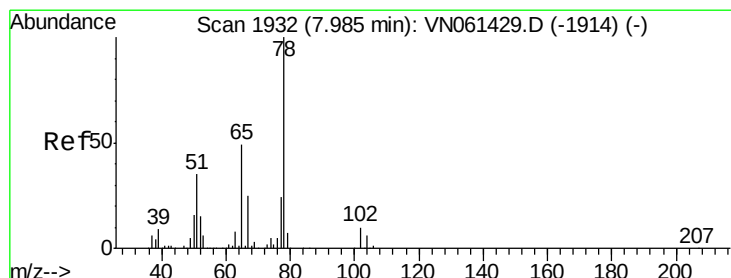
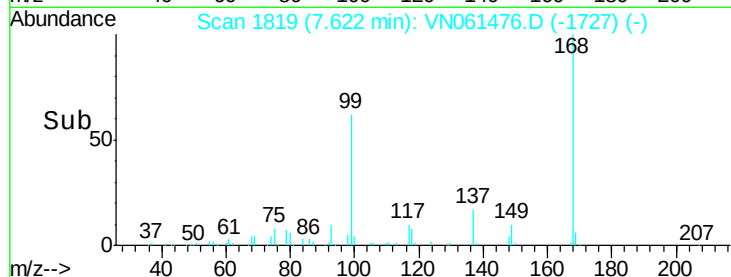
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 47.150 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VN061476.D

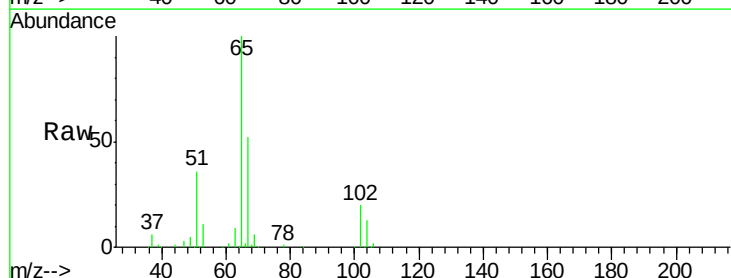
Acq: 19 May 2020 12:05

Tgt Ion: 65 Resp: 170938

Ion Ratio Lower Upper

65 100

67 51.1 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

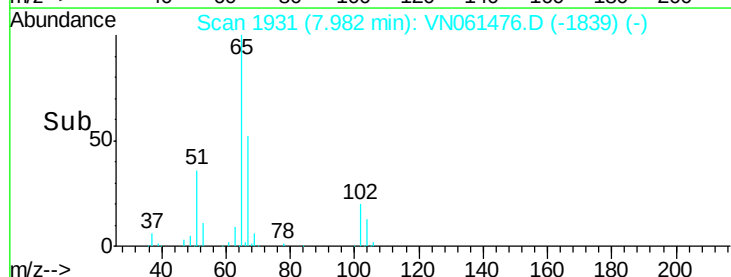
60000

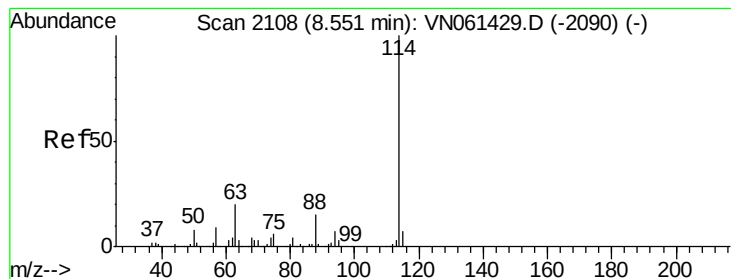
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061476.D

Acq: 19 May 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBL01

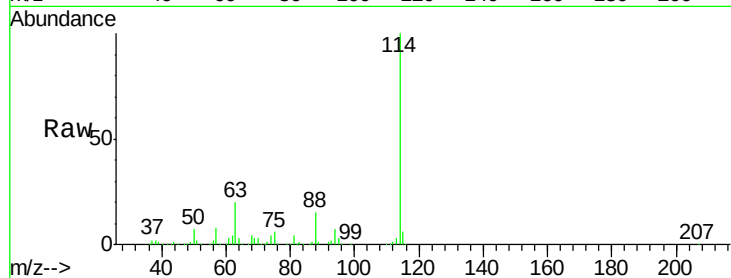
Tot Ion:114 Resp: 448220

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

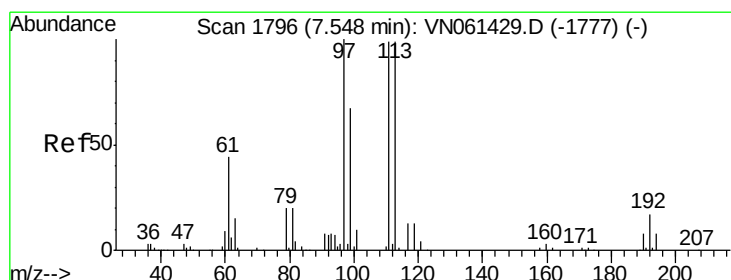
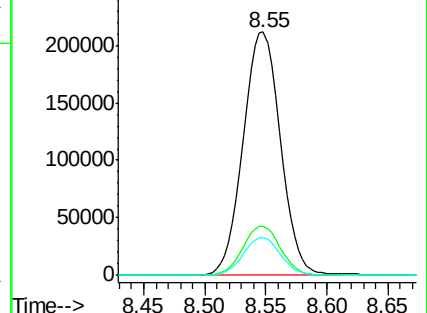
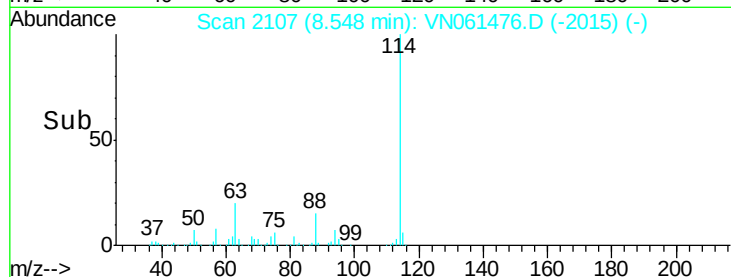
88 15.3 0.0 30.8



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: 53.581 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061476.D

Acq: 19 May 2020 12:05

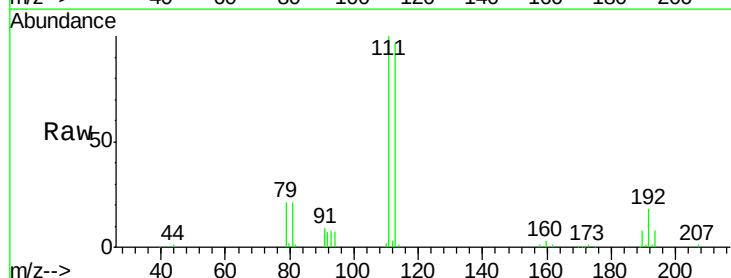
Tgt Ion:113 Resp: 125813

Ion Ratio Lower Upper

113 100

111 104.2 80.6 121.0

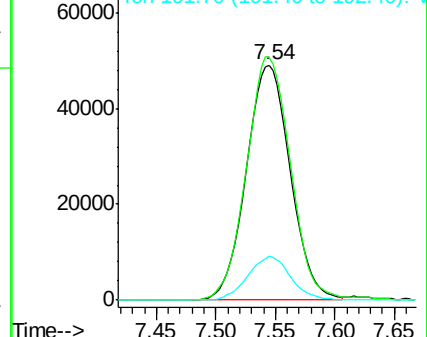
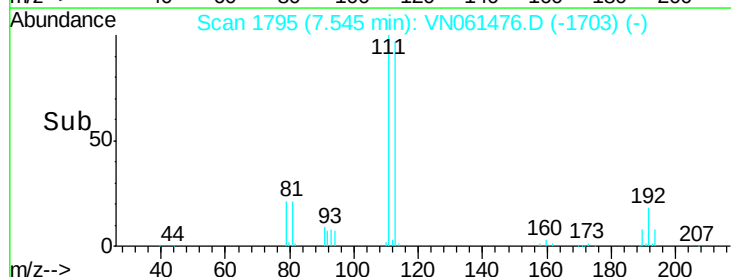
192 18.0 13.2 19.8

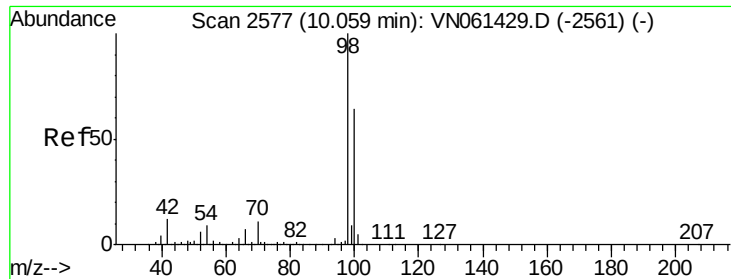


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.860 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN061476.D

Acq: 19 May 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

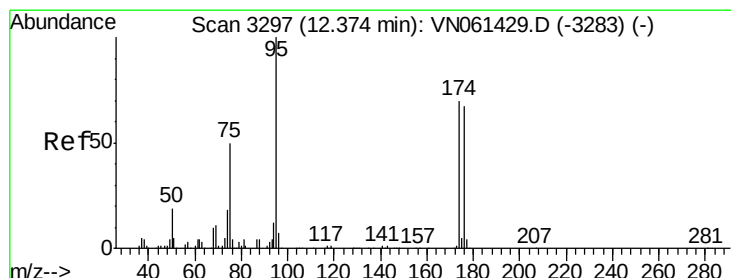
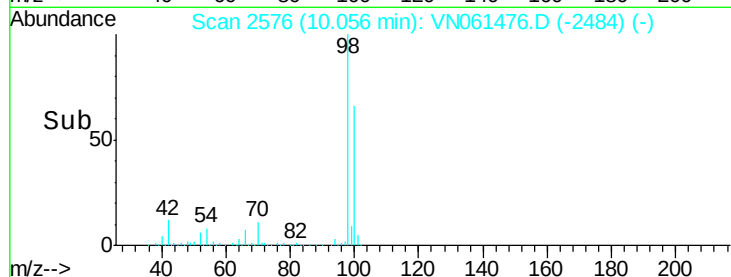
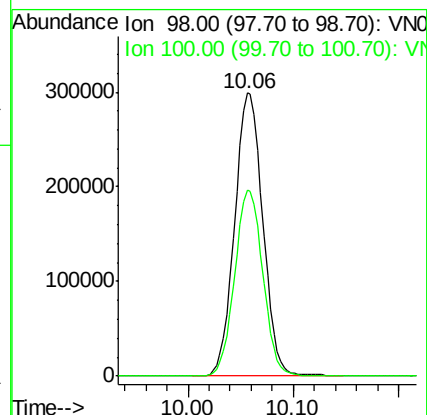
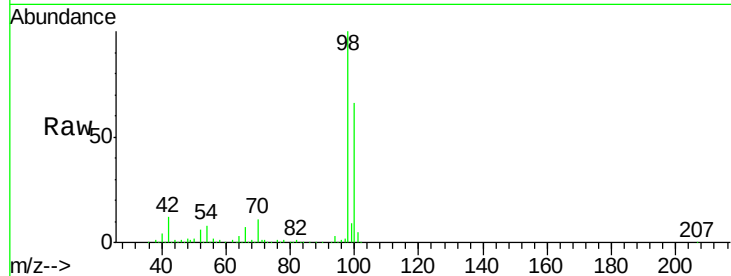
VN0519WBL01

Tot Ion: 98 Resp: 553919

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 48.574 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061476.D

Acq: 19 May 2020 12:05

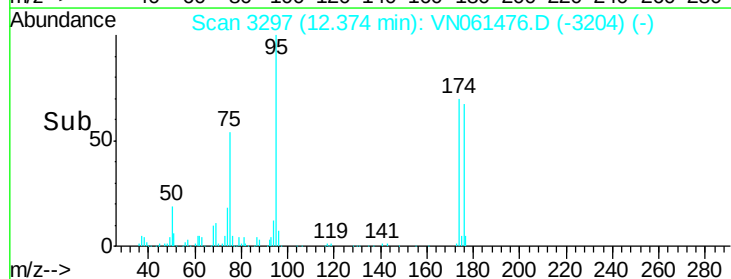
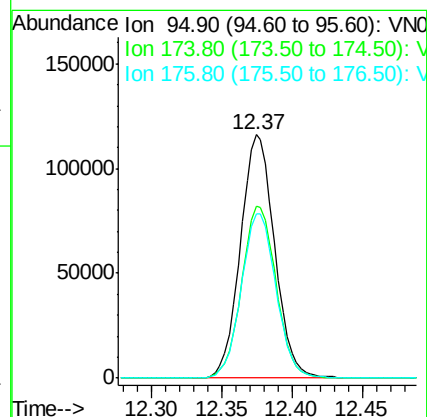
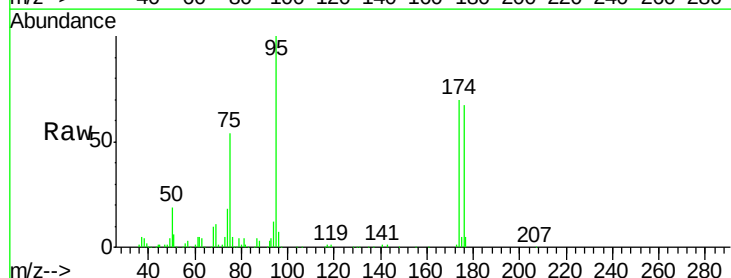
Tgt Ion: 95 Resp: 197646

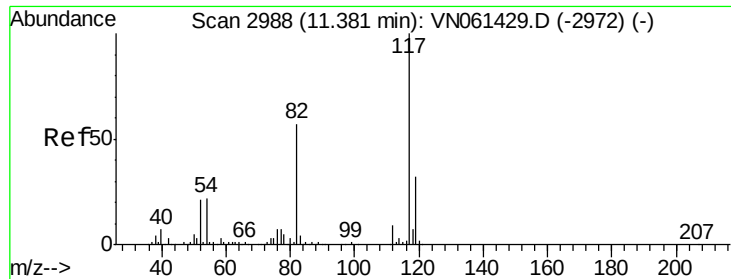
Ion Ratio Lower Upper

95 100

174 71.3 0.0 141.2

176 68.8 0.0 137.6

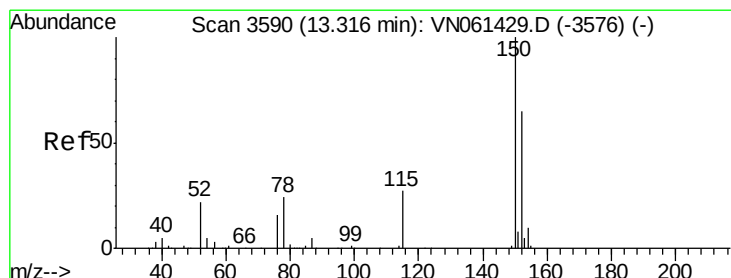
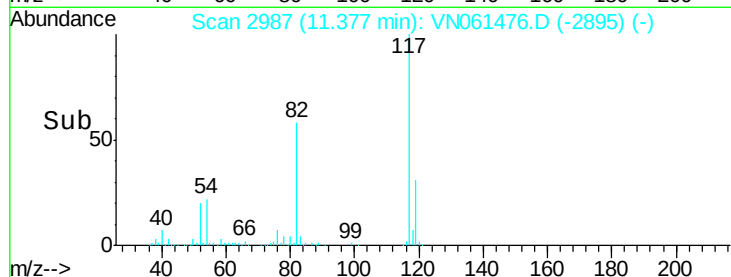
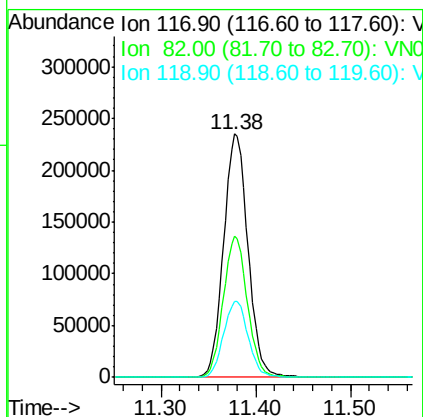
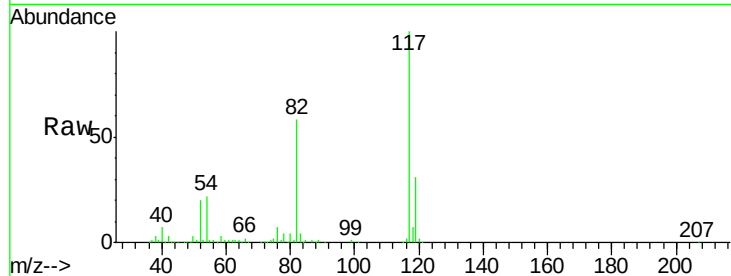




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061476.D
Acq: 19 May 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBL01

Tot Ion:117 Resp: 420258
Ion Ratio Lower Upper
117 100
82 58.1 45.2 67.8
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061476.D
Acq: 19 May 2020 12:05

Tgt Ion:152 Resp: 166435
Ion Ratio Lower Upper
152 100
115 62.3 30.9 92.5
150 156.8 0.0 349.2

