

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062977.D
 Acq On : 17 Aug 2020 18:43
 Operator : JC/MD
 Sample : VN0817WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBL01

Quant Time: Aug 18 06:49:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	219534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	363829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	376889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141931	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	145460	62.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.10%	
35) Dibromofluoromethane	7.55	113	123067	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
50) Toluene-d8	10.06	98	464051	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.38	95	162158	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

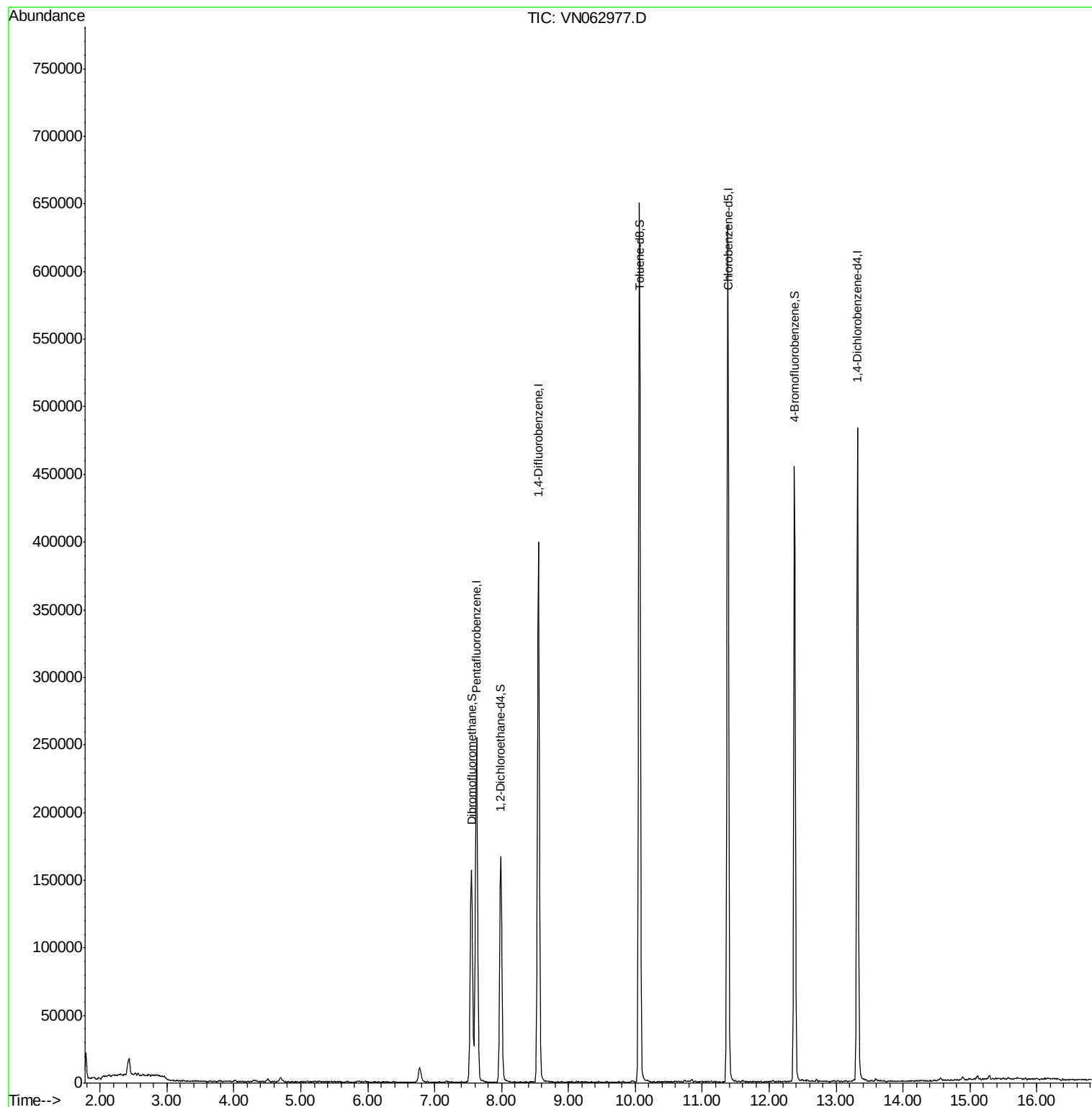
Target Compounds	Qvalue

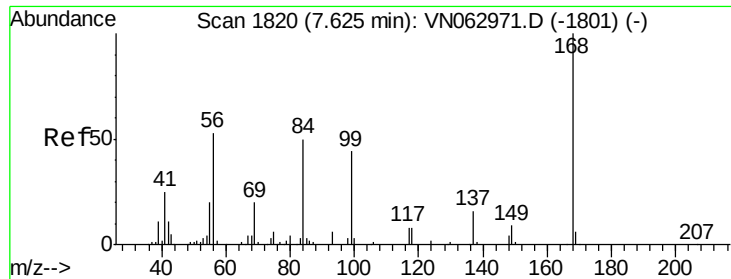
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062977.D

Acq: 17 Aug 2020 18:43

Instrument :

MSVOA_N

ClientSampleId :

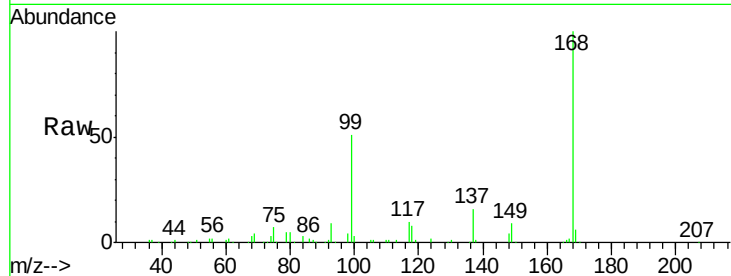
VN0817WBL01

Tot Ion:168 Resp: 219534

Ion Ratio Lower Upper

168 100

99 51.5 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

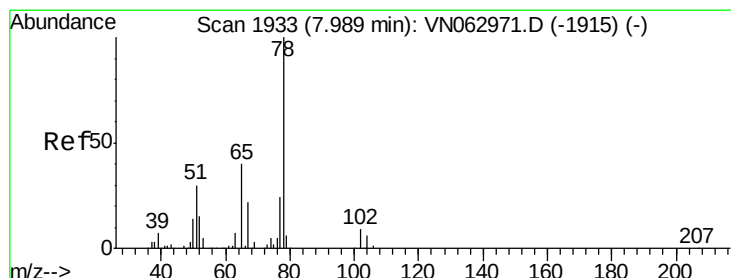
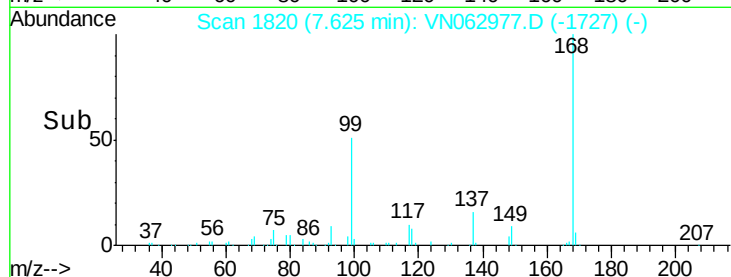
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 62.547 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062977.D

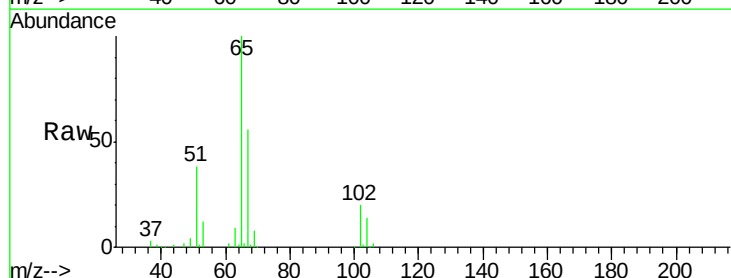
Acq: 17 Aug 2020 18:43

Tgt Ion: 65 Resp: 145460

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

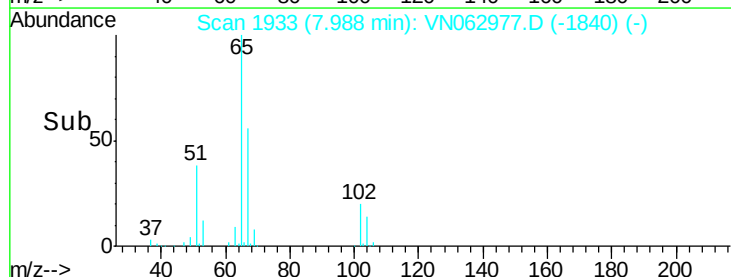
60000

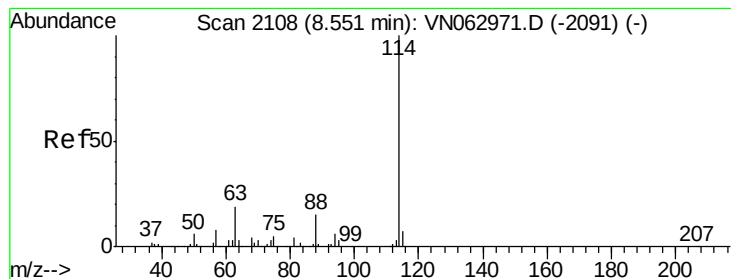
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062977.D

Acq: 17 Aug 2020 18:43

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBL01

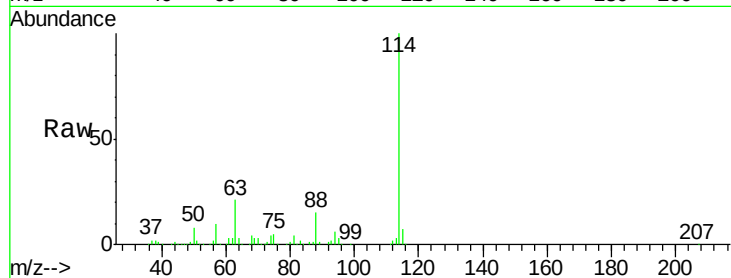
Tot Ion:114 Resp: 363829

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.6

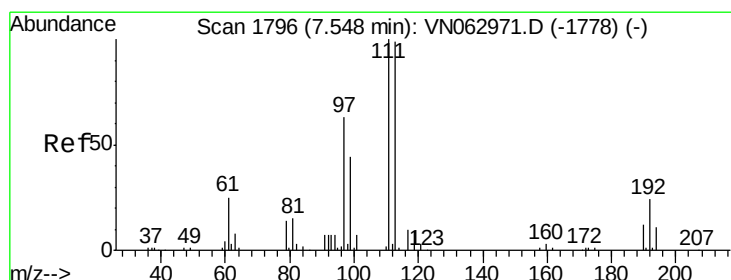
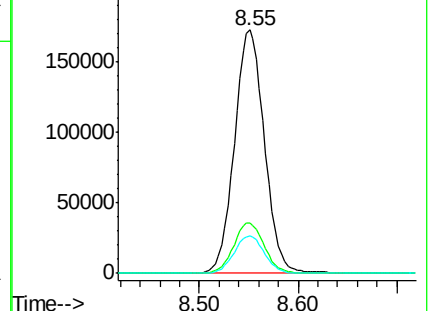
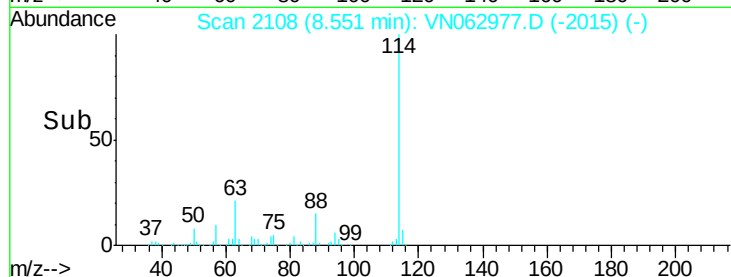
88 15.4 0.0 31.0



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: 51.932 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062977.D

Acq: 17 Aug 2020 18:43

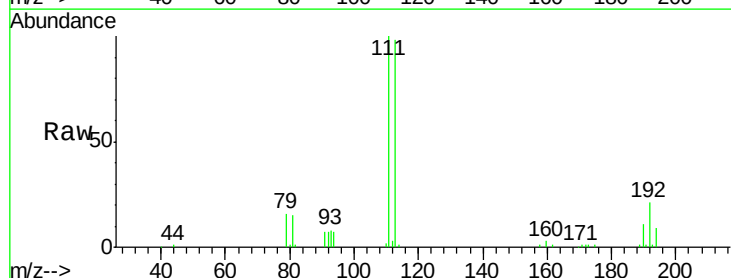
Tgt Ion:113 Resp: 123067

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

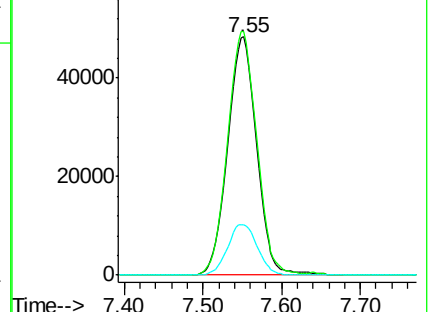
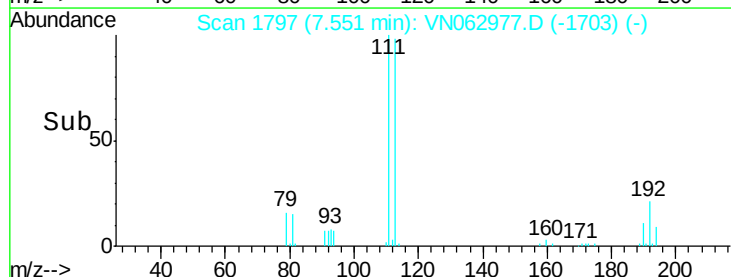
192 21.8 19.2 28.8

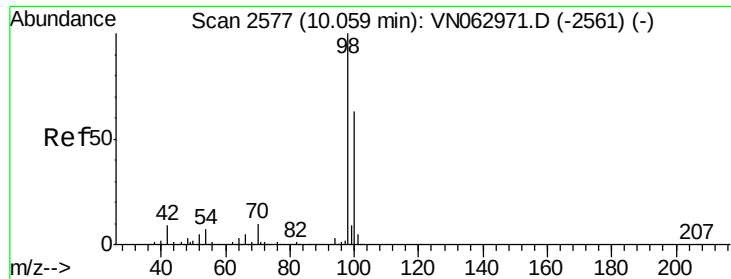


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.458 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062977.D

Acq: 17 Aug 2020 18:43

Instrument :

MSVOA_N

ClientSampleId :

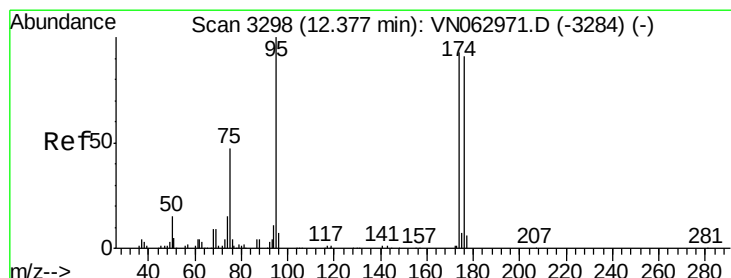
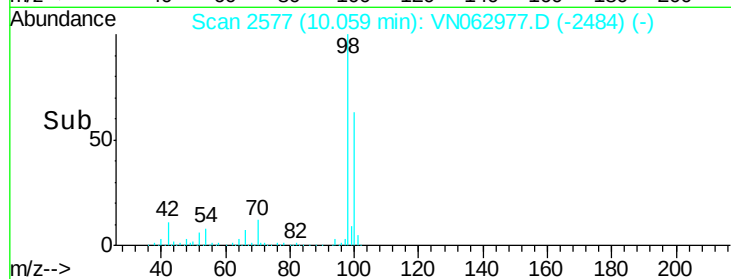
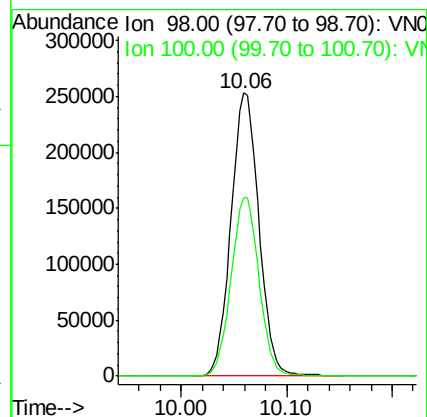
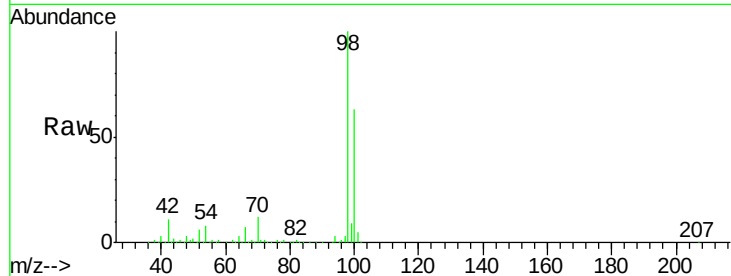
VN0817WBL01

Tot Ion: 98 Resp: 464051

Ion Ratio Lower Upper

98 100

100 63.0 51.0 76.4



#62

4-Bromofluorobenzene

Concen: 49.069 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062977.D

Acq: 17 Aug 2020 18:43

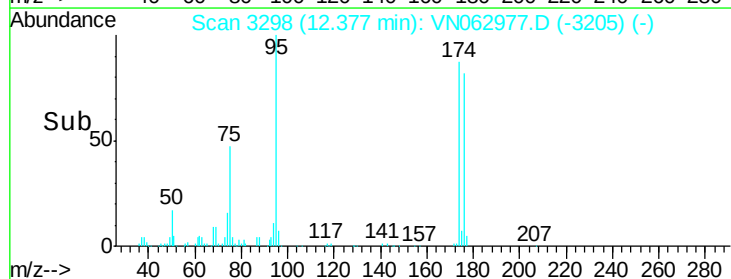
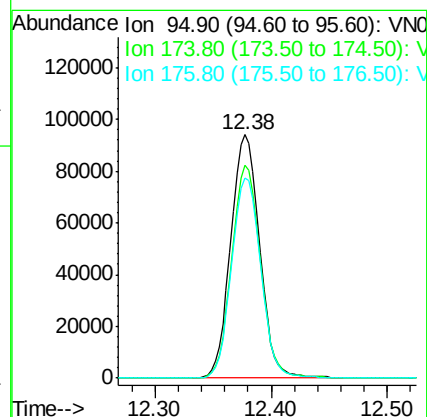
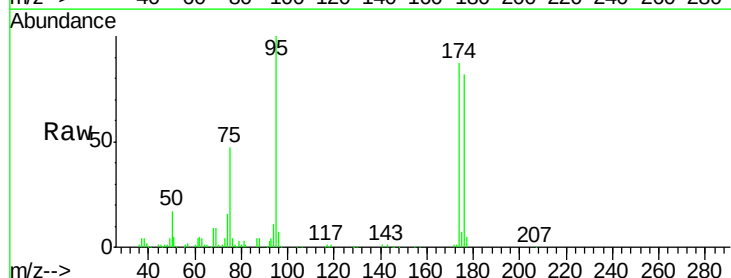
Tgt Ion: 95 Resp: 162158

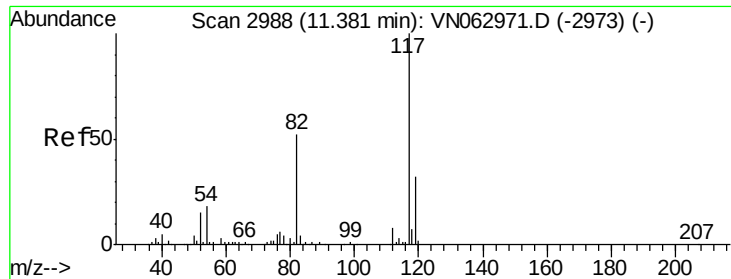
Ion Ratio Lower Upper

95 100

174 87.2 0.0 185.2

176 82.9 0.0 178.8

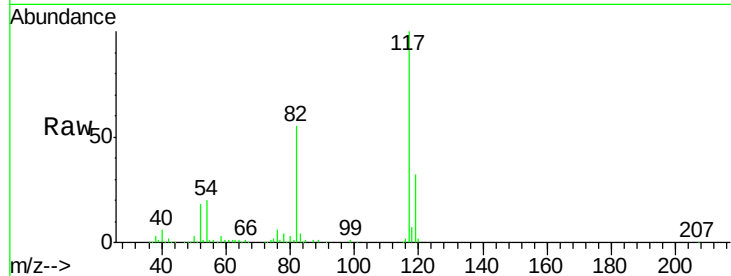




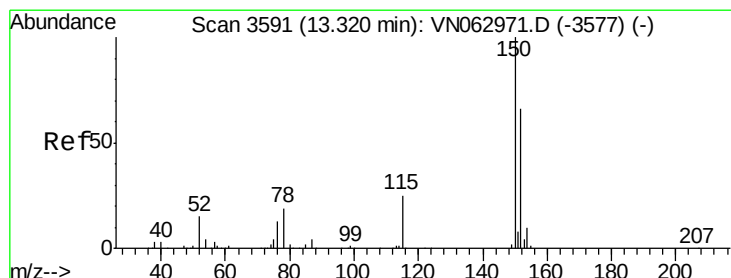
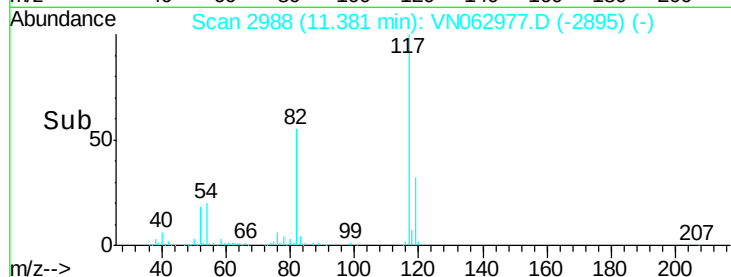
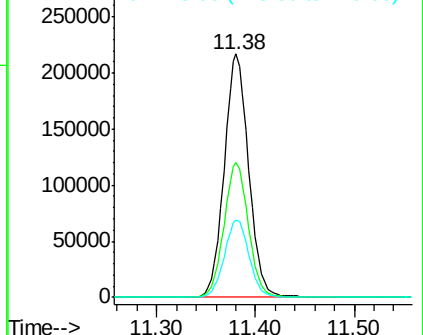
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062977.D
Acq: 17 Aug 2020 18:43

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBL01

Tot Ion:117 Resp: 376889
Ion Ratio Lower Upper
117 100
82 55.4 41.3 61.9
119 31.8 25.8 38.8

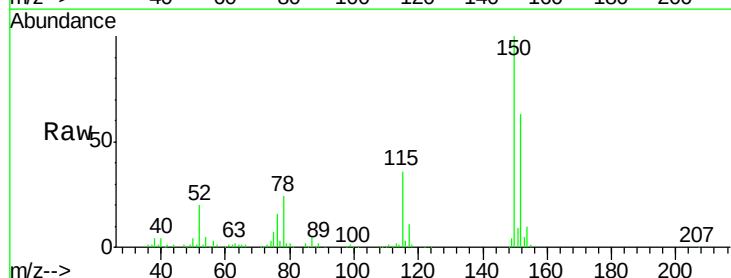


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062977.D
Acq: 17 Aug 2020 18:43

Tgt Ion:152 Resp: 141931
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 155.5 0.0 341.4



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

