

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102320\
 Data File : VN064288.D
 Acq On : 23 Oct 2020 16:08
 Operator : JC/MD
 Sample : VN1023MBL01
 Misc : 5.00µ/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023MBL01

Quant Time: Oct 23 16:40:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	260272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	450734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198024	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	201146	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.55	113	151782	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.06	98	563807	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.38	95	239572	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	

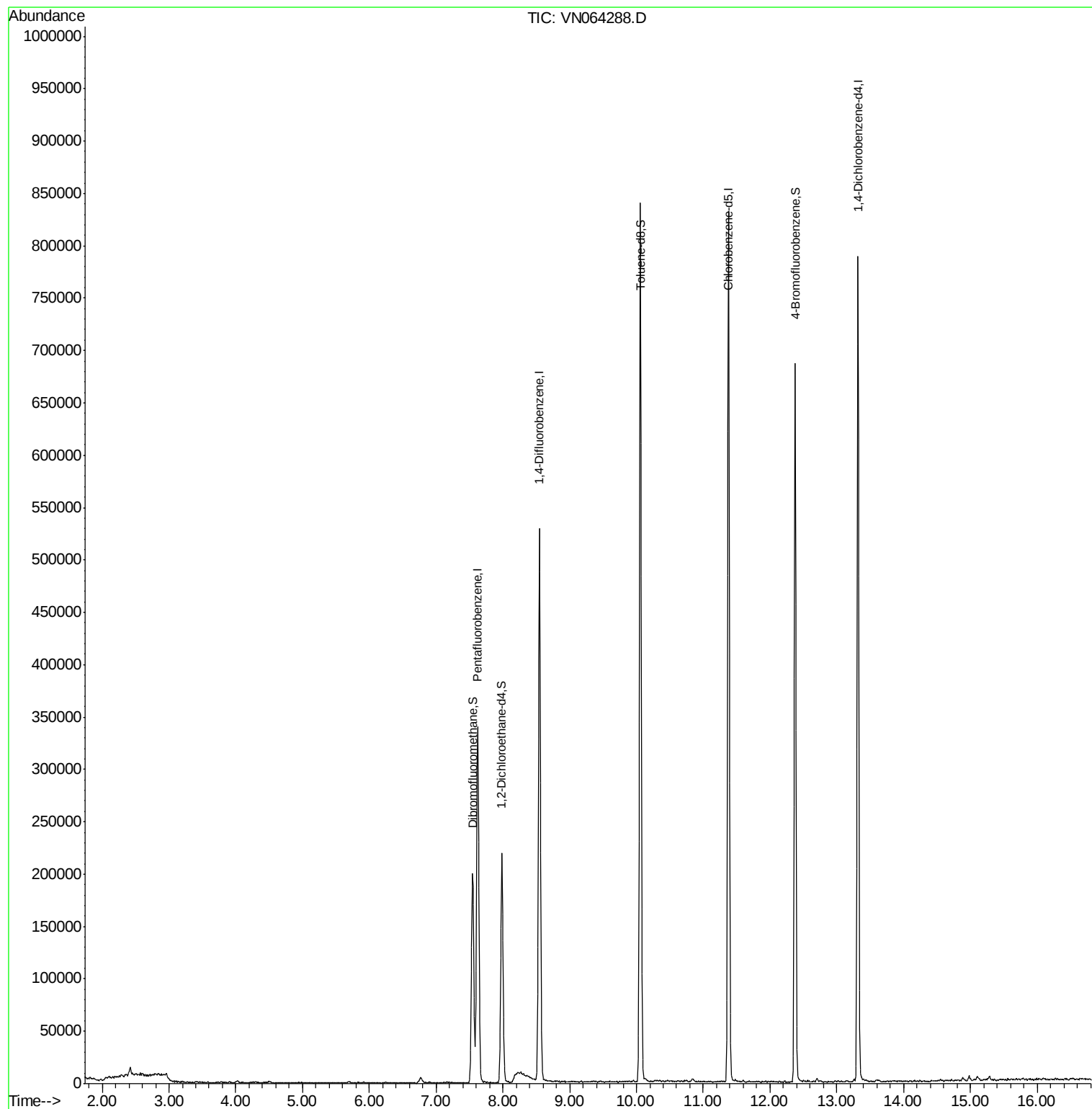
Target Compounds	Qvalue

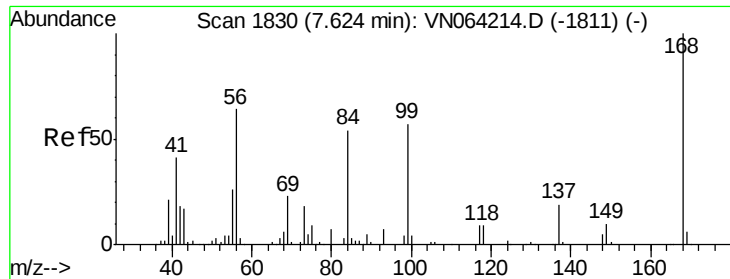
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064288.D

Acq: 23 Oct 2020 16:08

Instrument :

MSVOA_N

ClientSampleId :

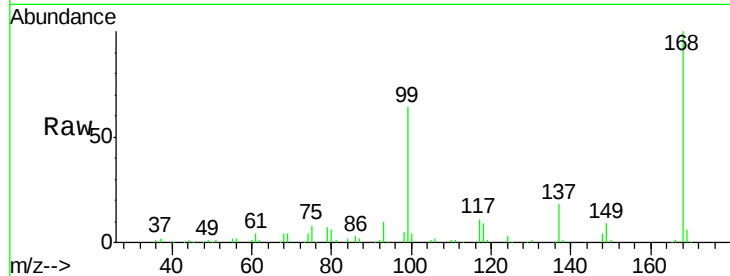
VN1023MBL01

Tot Ion:168 Resp: 260272

Ion Ratio Lower Upper

168 100

99 64.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

120000

100000

80000

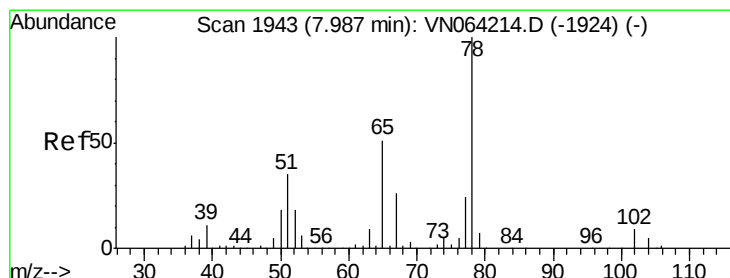
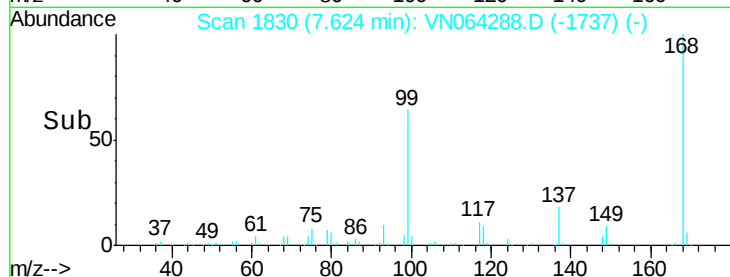
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.040 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064288.D

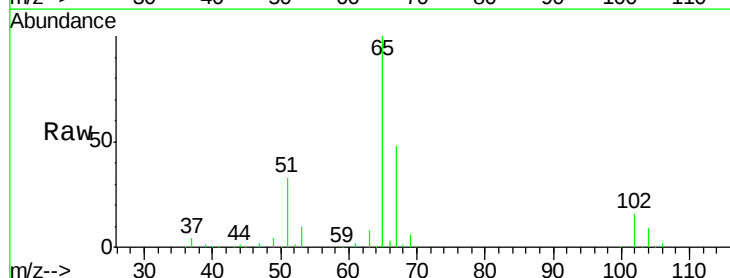
Acq: 23 Oct 2020 16:08

Tgt Ion: 65 Resp: 201146

Ion Ratio Lower Upper

65 100

67 48.7 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.98

100000

80000

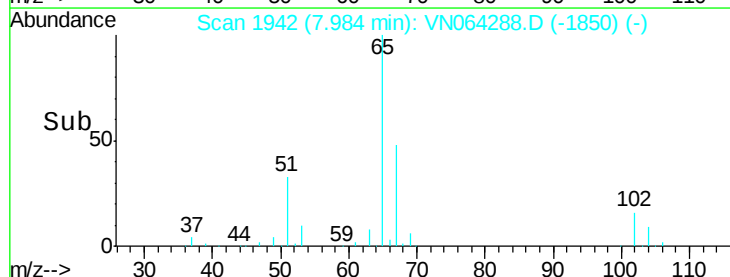
60000

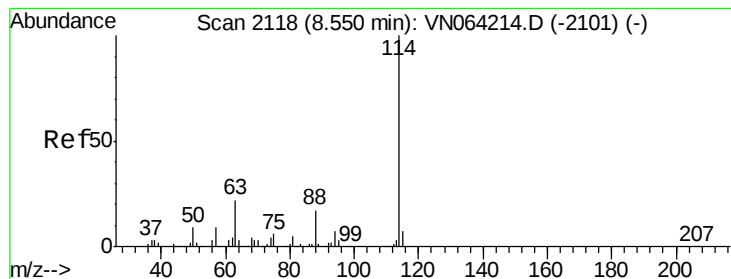
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064288.D

Acq: 23 Oct 2020 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN1023MBL01

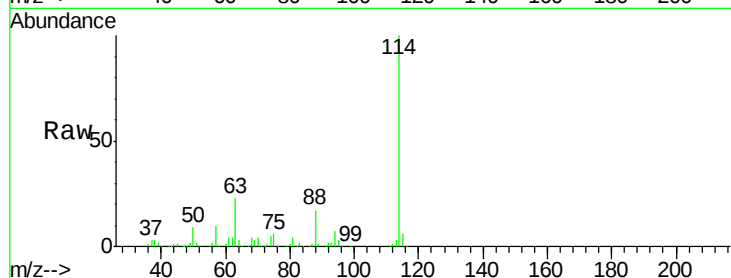
Tot Ion:114 Resp: 450734

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.0

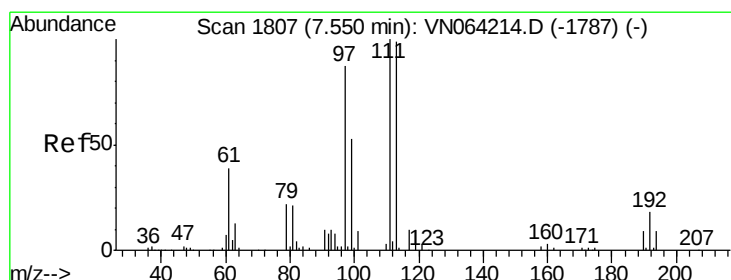
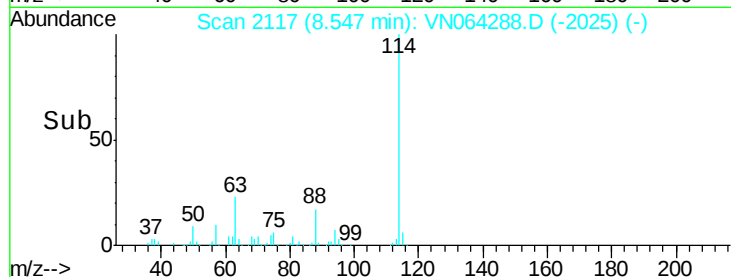
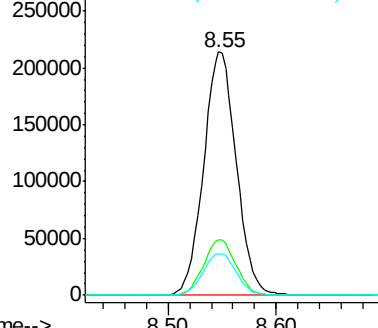
88 17.3 0.0 34.2



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: 50.650 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064288.D

Acq: 23 Oct 2020 16:08

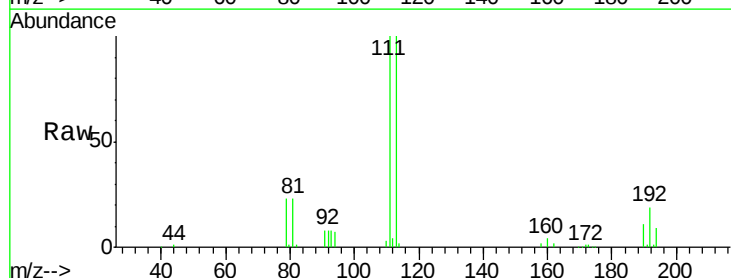
Tgt Ion:113 Resp: 151782

Ion Ratio Lower Upper

113 100

111 101.3 84.2 126.2

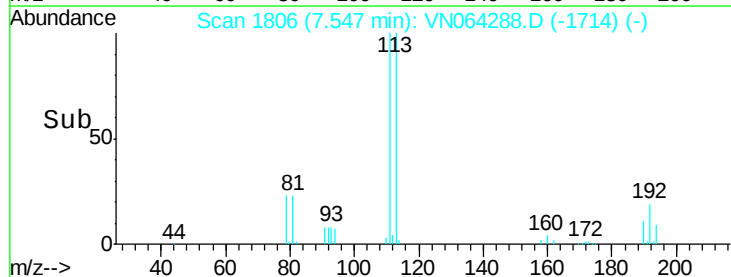
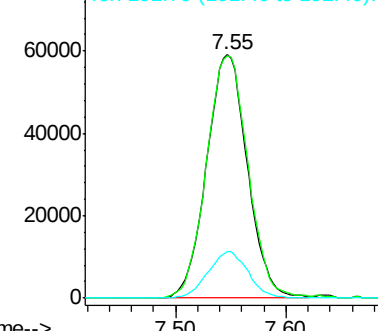
192 18.7 15.2 22.8

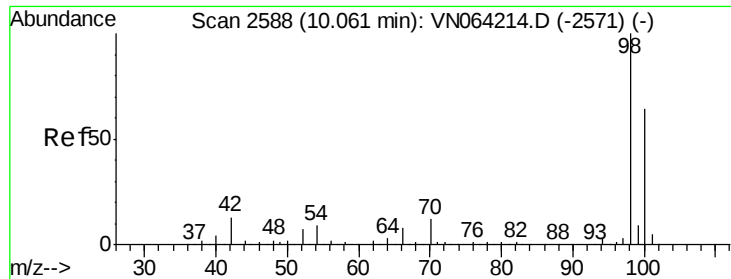


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.865 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064288.D

Acq: 23 Oct 2020 16:08

Instrument :

MSVOA_N

ClientSampleId :

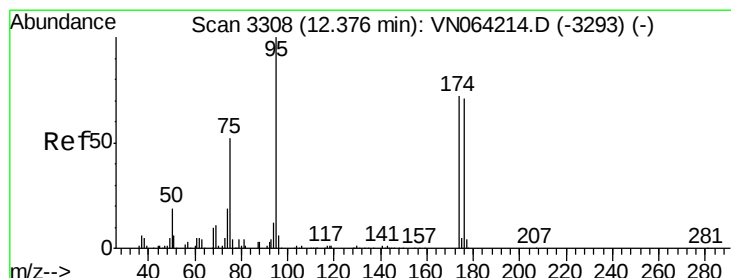
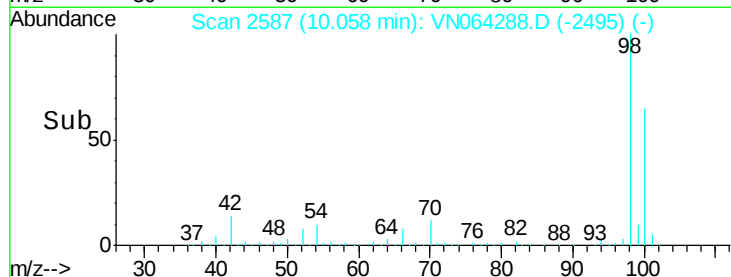
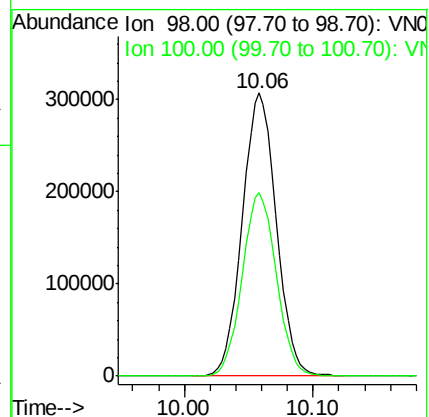
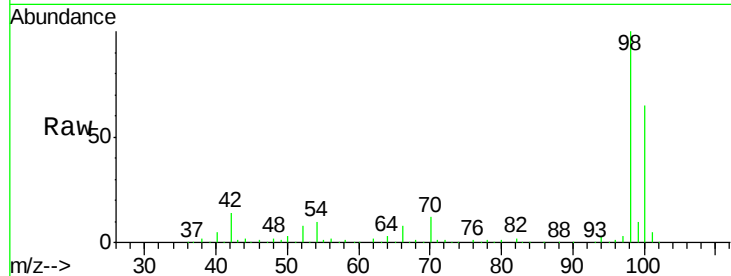
VN1023MBL01

Tot Ion: 98 Resp: 563807

Ion Ratio Lower Upper

98 100

100 65.0 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 54.364 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064288.D

Acq: 23 Oct 2020 16:08

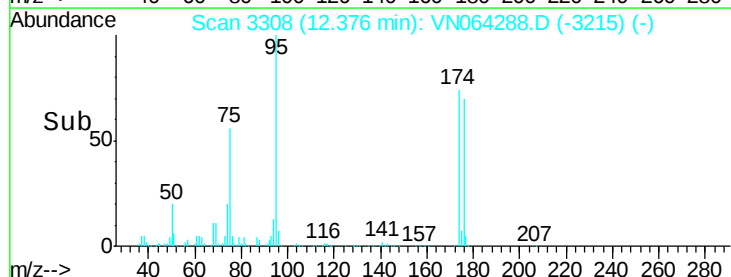
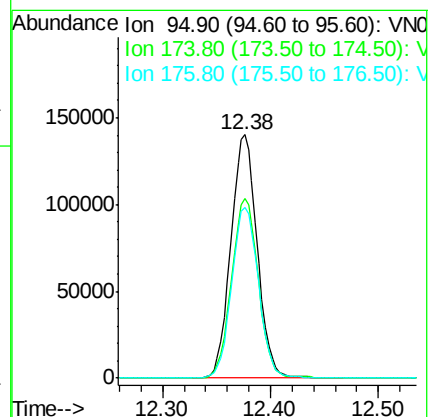
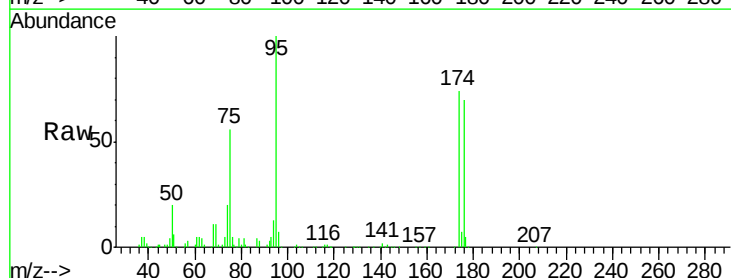
Tgt Ion: 95 Resp: 239572

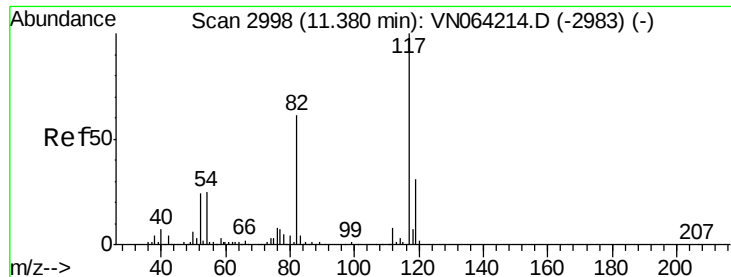
Ion Ratio Lower Upper

95 100

174 74.5 0.0 144.4

176 71.5 0.0 139.2

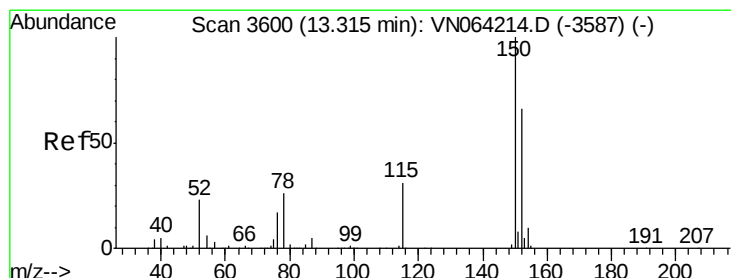
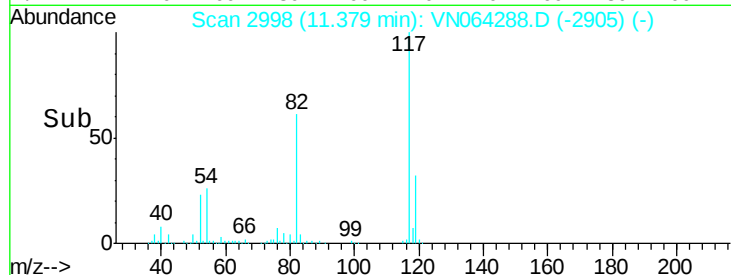
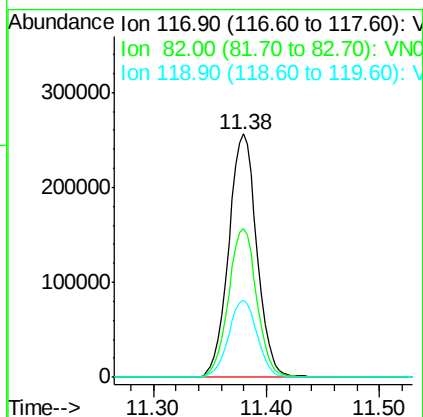
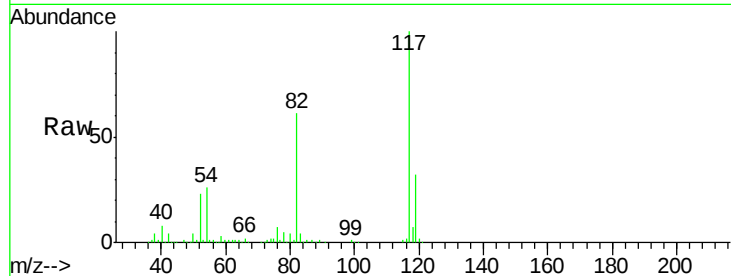




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064288.D
Acq: 23 Oct 2020 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN1023MBL01

Tot Ion:117 Resp: 444521
Ion Ratio Lower Upper
117 100
82 61.2 48.8 73.2
119 31.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064288.D
Acq: 23 Oct 2020 16:08

Tgt Ion:152 Resp: 198024
Ion Ratio Lower Upper
152 100
115 64.4 32.0 96.2
150 155.6 0.0 356.6

