

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064079.D
 Acq On : 12 Oct 2020 15:47
 Operator : JC/MD
 Sample : VN1012WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBL01

Quant Time: Oct 13 01:40:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	223582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	428697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	163284	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	191055	51.72	ug/l	0.00
Spiked Amount						
			Recovery	=	103.44%	
35) Dibromofluoromethane	7.55	113	142976	49.79	ug/l	0.00
Spiked Amount						
			Recovery	=	99.58%	
50) Toluene-d8	10.06	98	537209	49.35	ug/l	0.00
Spiked Amount						
			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.38	95	202146	49.40	ug/l	0.00
Spiked Amount						
			Recovery	=	98.80%	

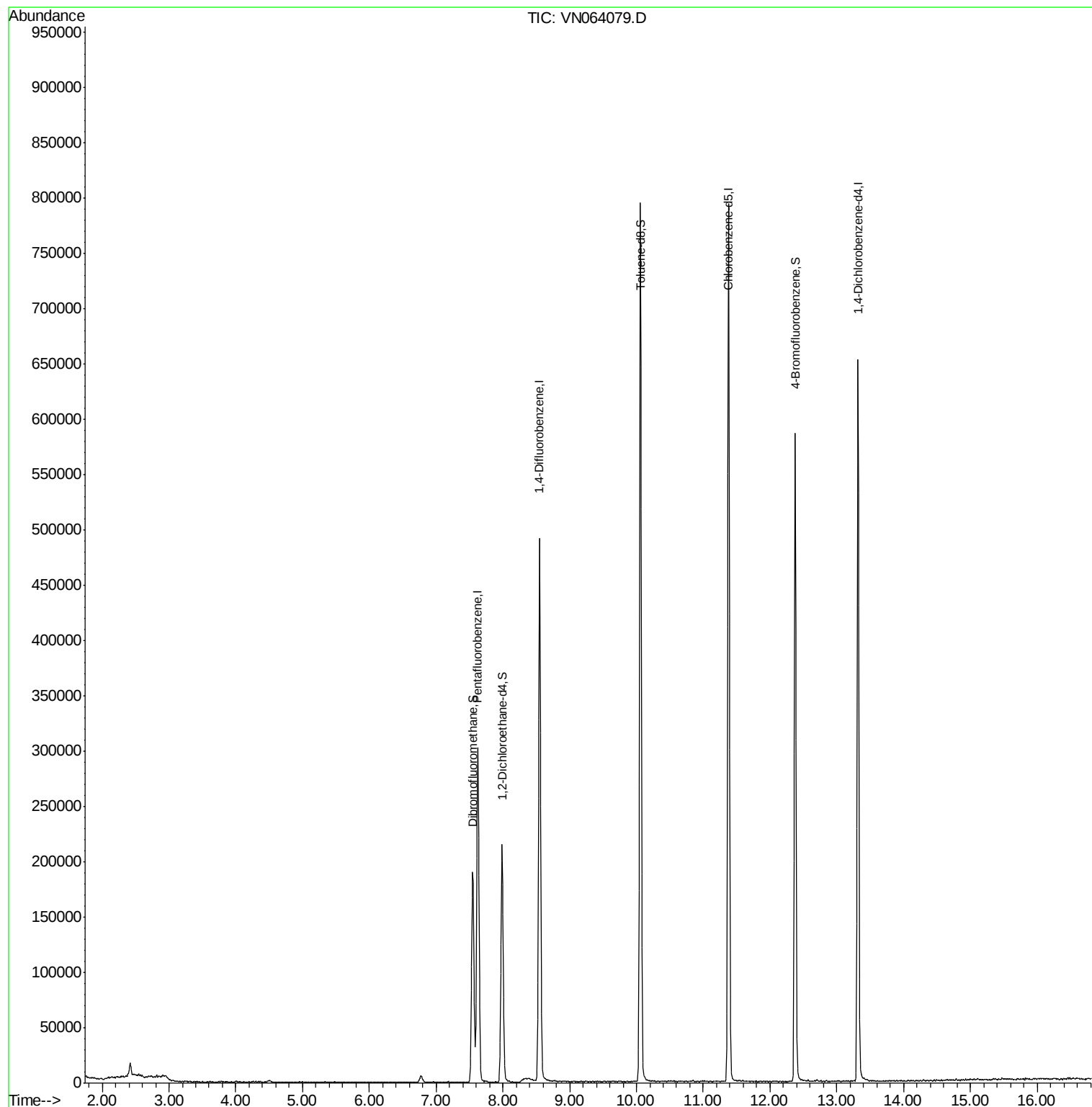
Target Compounds	Qvalue
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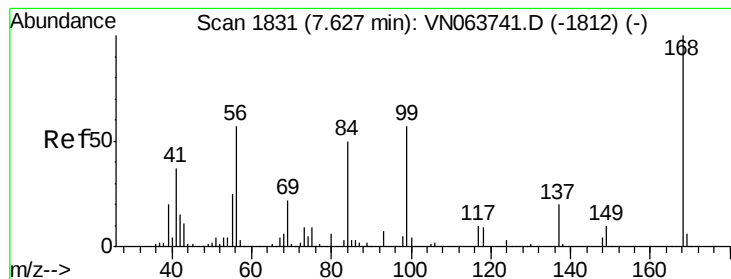
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_N

ClientSampled :

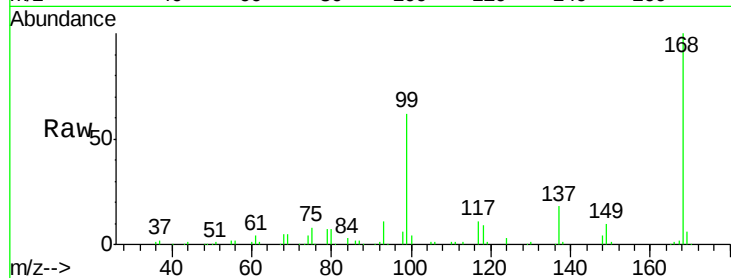
VN1012WBL01

Tot Ion:168 Resp: 223582

Ion Ratio Lower Upper

168 100

99 62.3 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

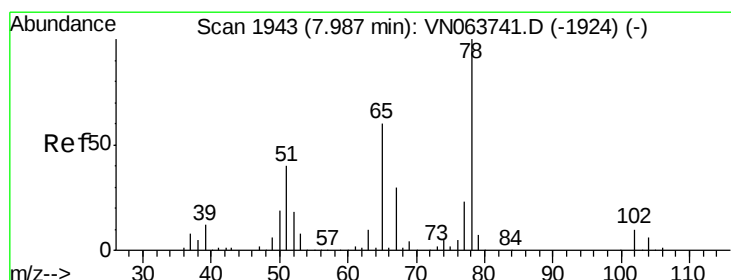
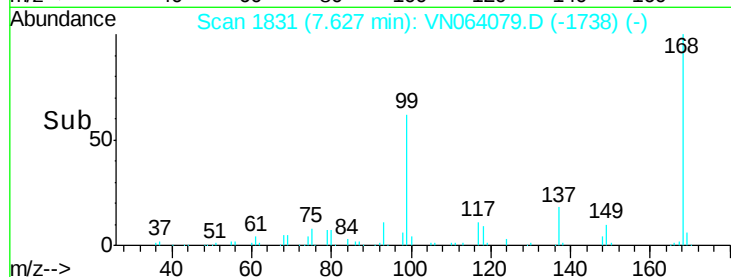
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.724 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064079.D

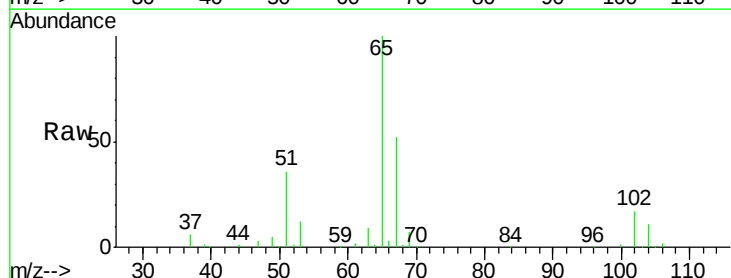
Acq: 12 Oct 2020 15:47

Tgt Ion: 65 Resp: 191055

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.98

80000

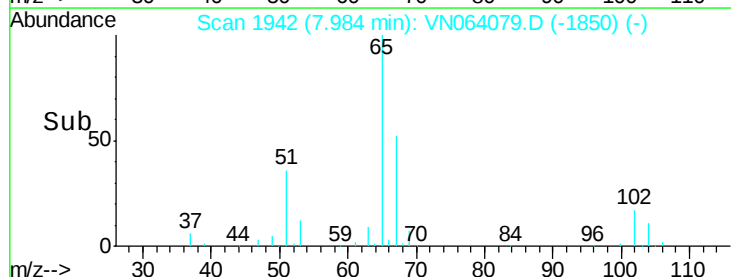
60000

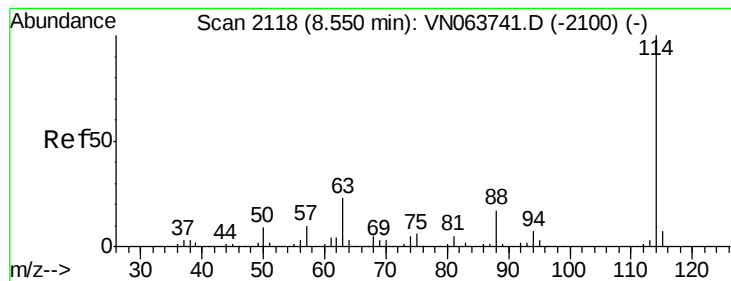
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBL01

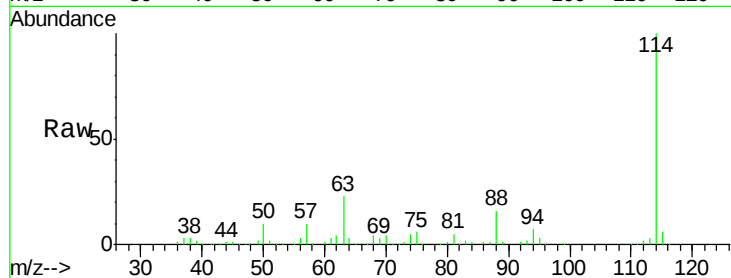
Tot Ion:114 Resp: 413864

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

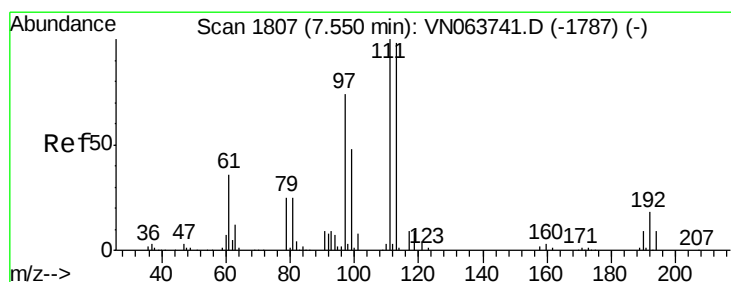
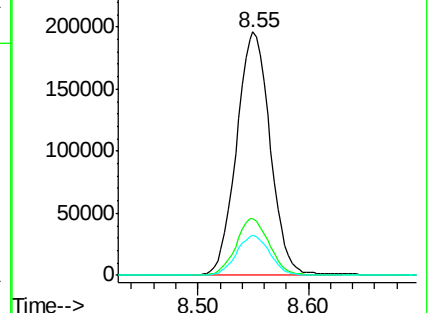
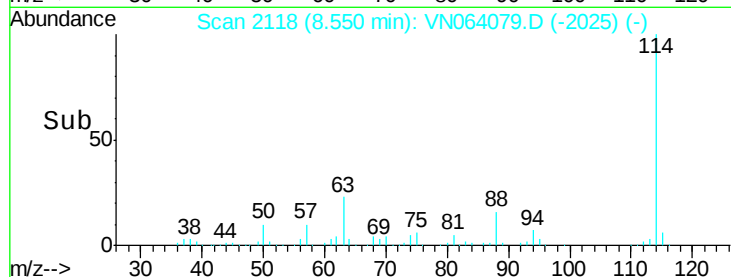
88 16.3 0.0 34.0



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: 49.788 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

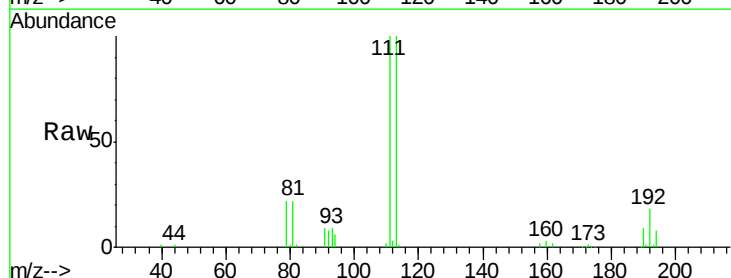
Tgt Ion:113 Resp: 142976

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

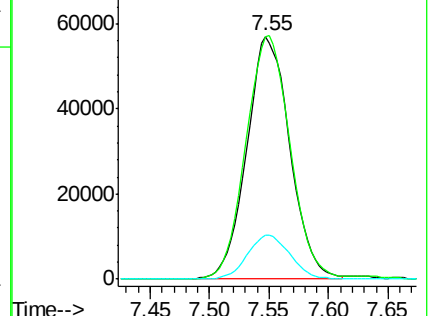
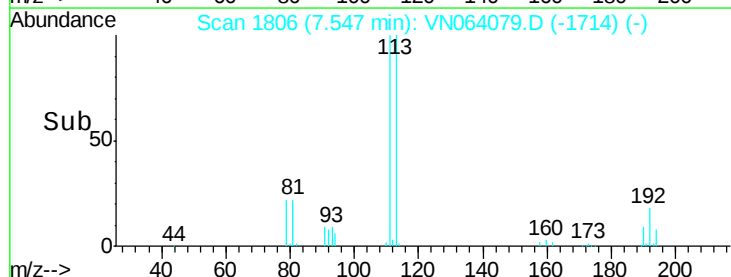
192 17.8 14.2 21.2

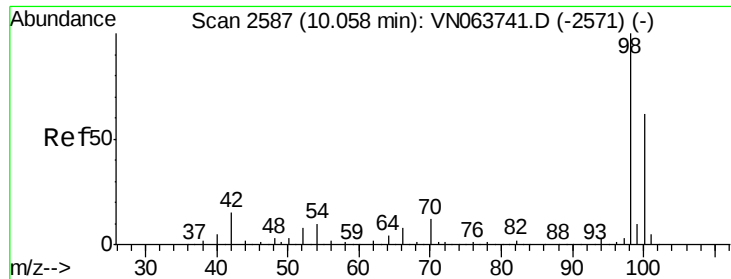


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.347 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

Instrument :

MSVOA_N

ClientSampleId :

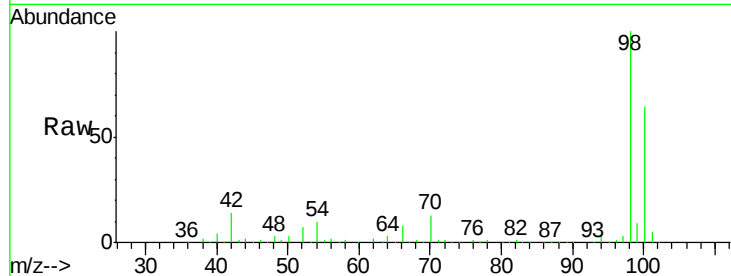
VN1012WBL01

Tot Ion: 98 Resp: 537209

Ion Ratio Lower Upper

98 100

100 63.7 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

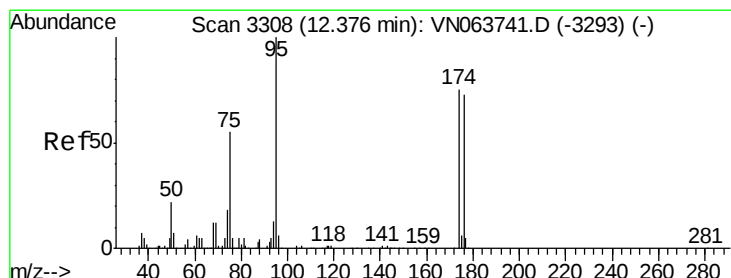
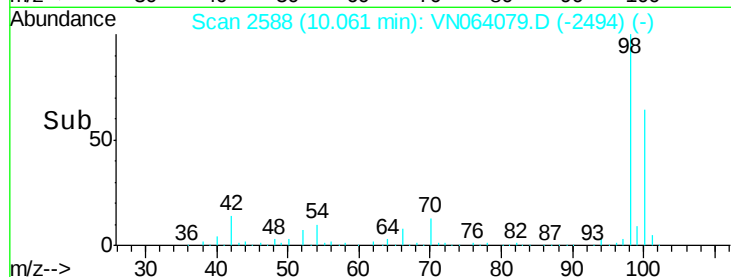
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.397 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064079.D

Acq: 12 Oct 2020 15:47

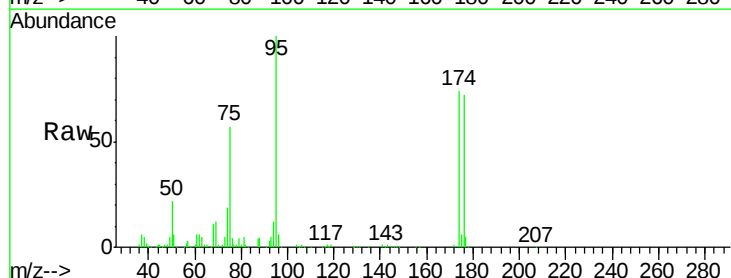
Tgt Ion: 95 Resp: 202146

Ion Ratio Lower Upper

95 100

174 74.2 0.0 150.6

176 71.1 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

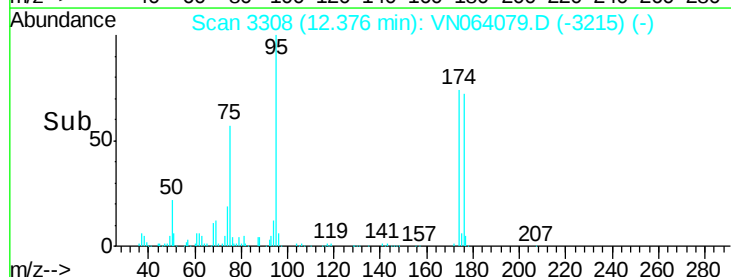
150000

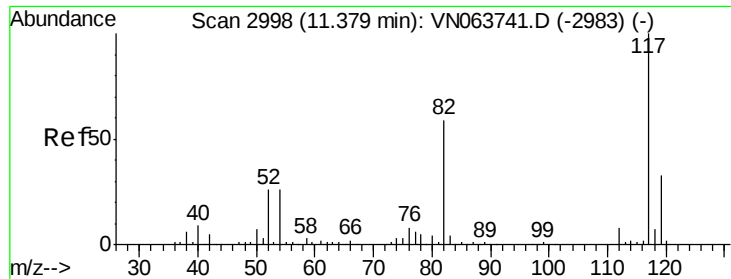
100000

50000

0

Time-->

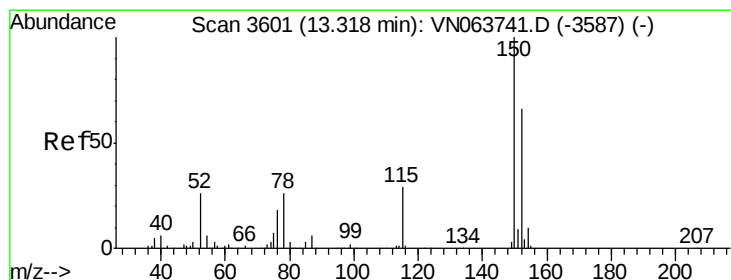
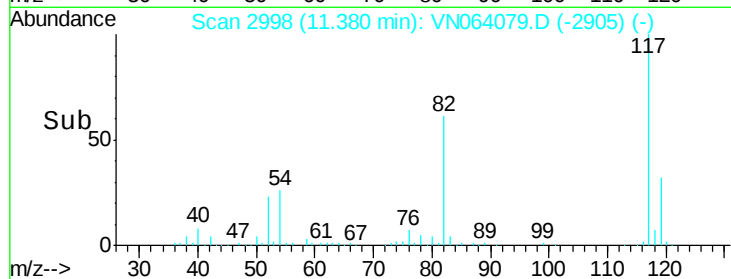
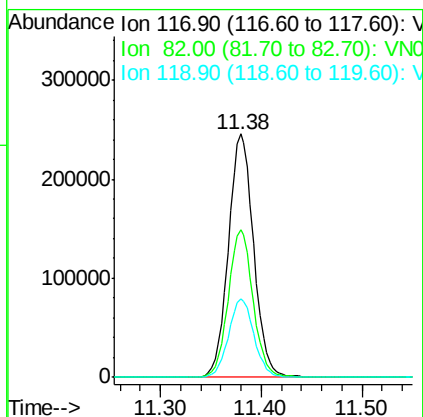
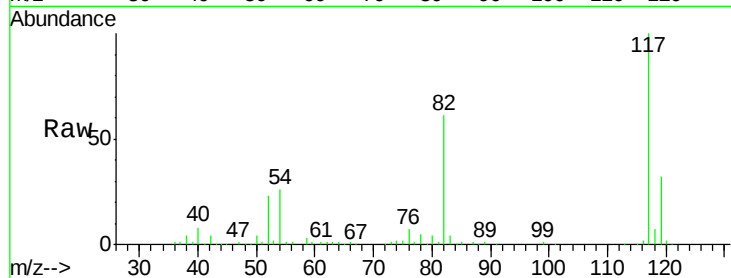




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064079.D
Acq: 12 Oct 2020 15:47

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL01

Tot Ion:117 Resp: 428697
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064079.D
Acq: 12 Oct 2020 15:47

Tgt Ion:152 Resp: 163284
Ion Ratio Lower Upper
152 100
115 63.6 31.3 93.8
150 159.1 0.0 341.8

