

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063764.D
 Acq On : 1 Oct 2020 12:05
 Operator : JC/MD
 Sample : VN1001WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBL01

Quant Time: Oct 02 02:26:43 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	224017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	407181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172960	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	188973	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.55	113	137181	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	10.06	98	524080	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.38	95	210069	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	

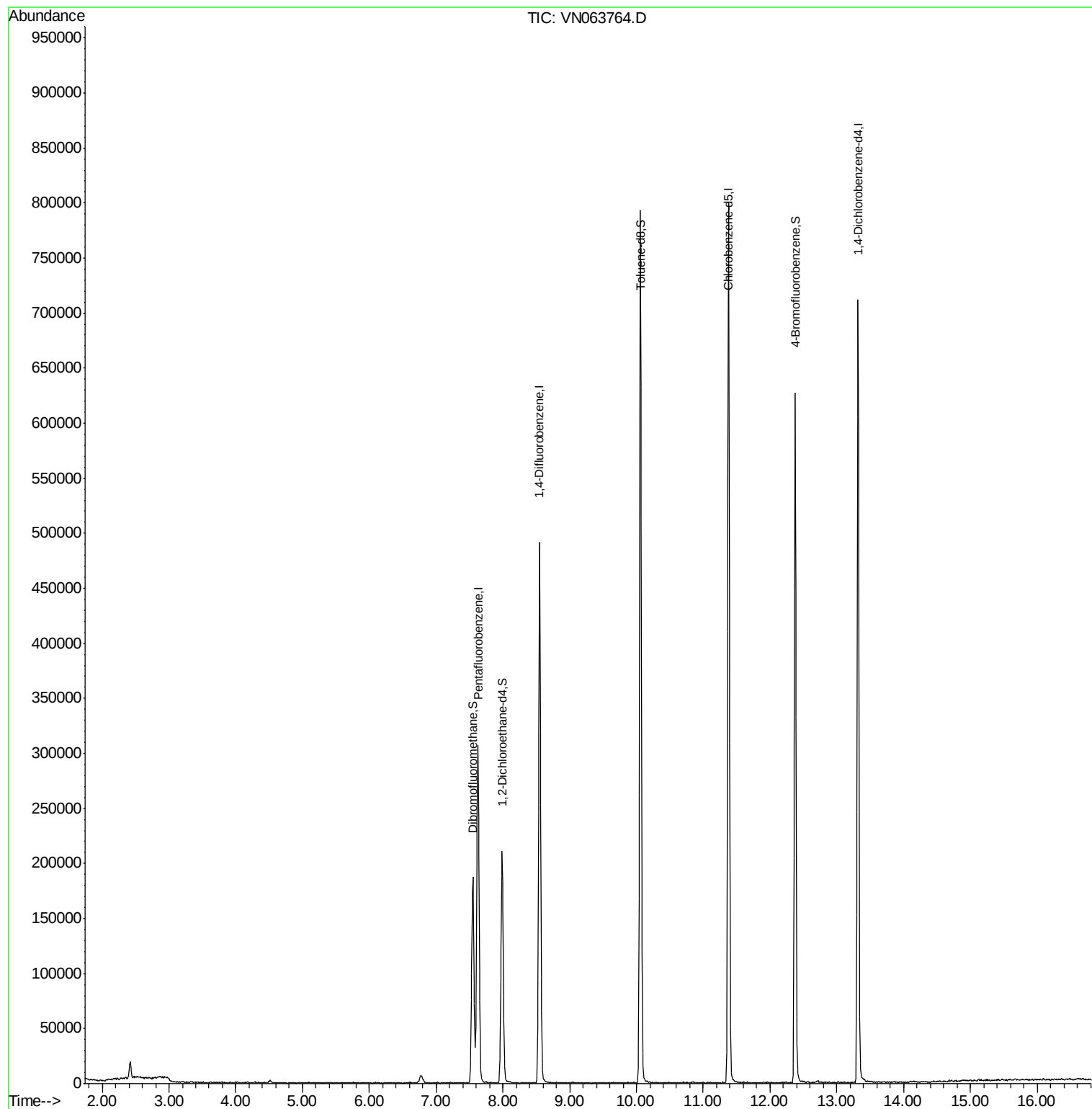
Target Compounds	Qvalue
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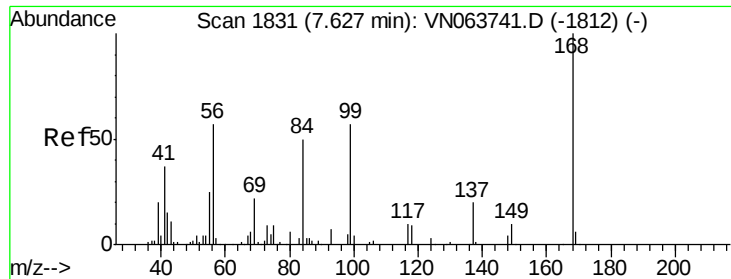
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100120\
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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: VN063764.D

Acq: 1 Oct 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

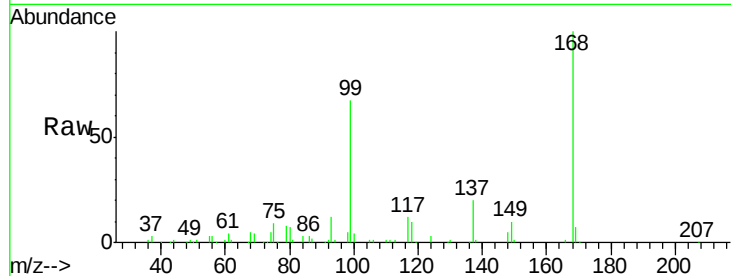
VN1001WBL01

Tot Ion:168 Resp: 224017

Ion Ratio Lower Upper

168 100

99 66.6 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

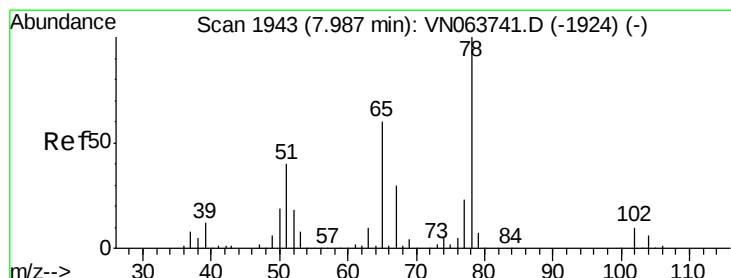
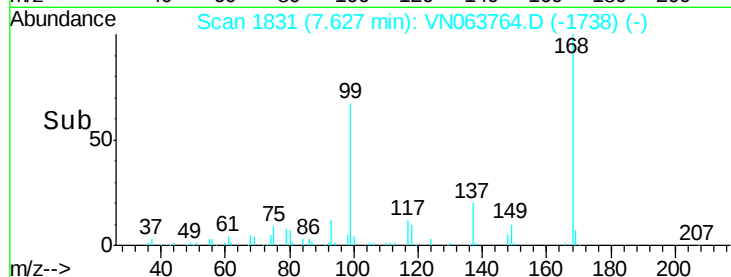
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.061 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063764.D

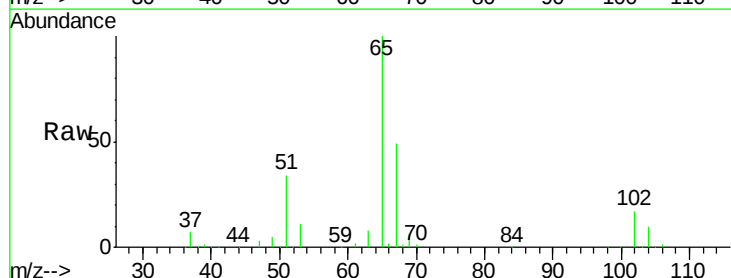
Acq: 1 Oct 2020 12:05

Tgt Ion: 65 Resp: 188973

Ion Ratio Lower Upper

65 100

67 49.8 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

80000

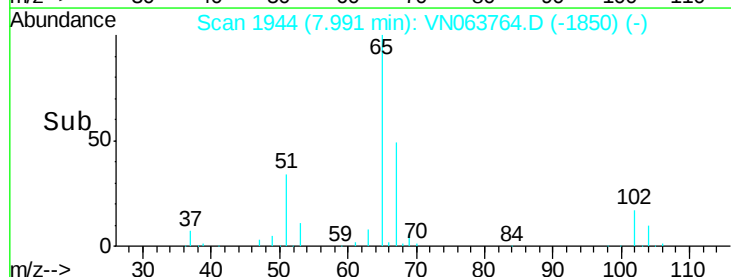
60000

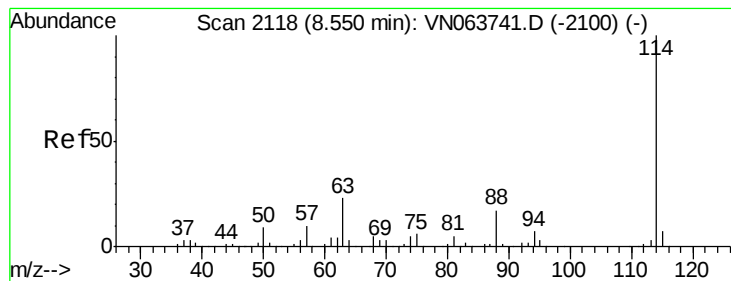
40000

20000

0

Time--> 7.90 7.95 8.00 8.05 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: VN063764.D

Acq: 1 Oct 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBL01

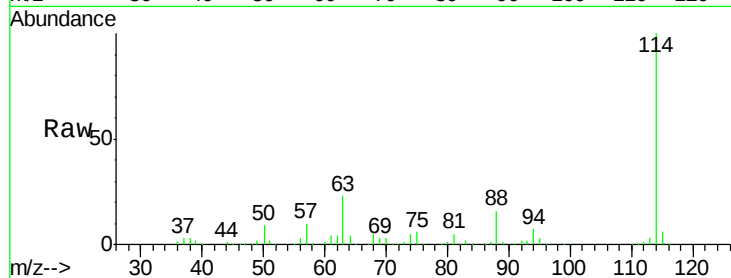
Tot Ion:114 Resp: 407181

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

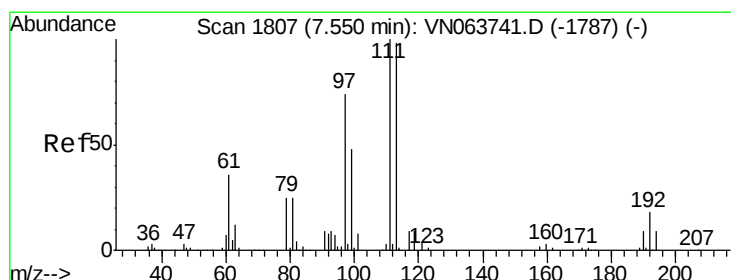
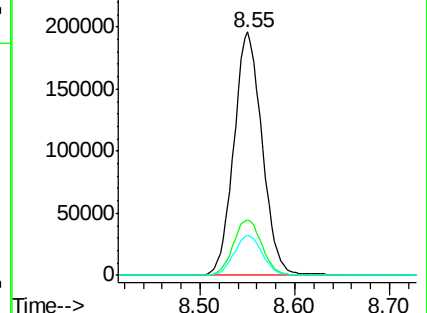
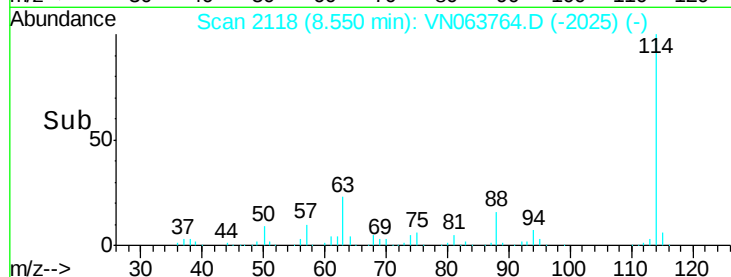
88 16.4 0.0 34.0



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: 48.554 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063764.D

Acq: 1 Oct 2020 12:05

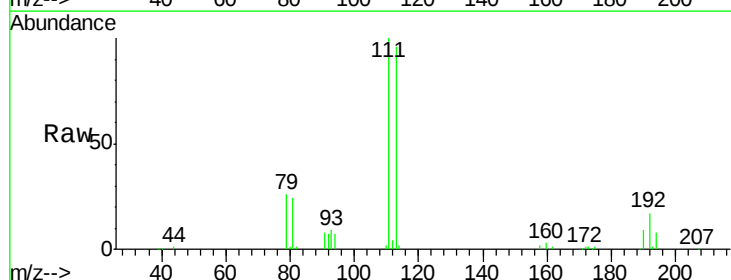
Tgt Ion:113 Resp: 137181

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

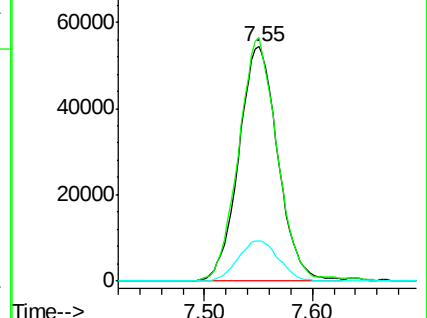
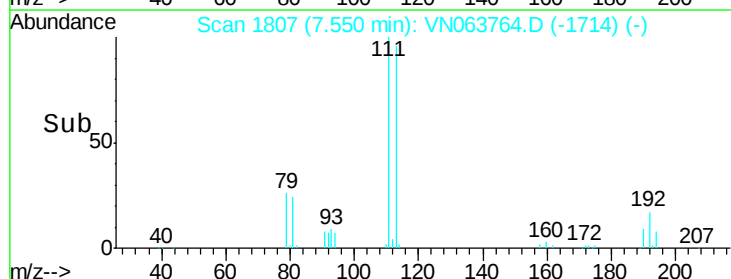
192 17.9 14.2 21.2

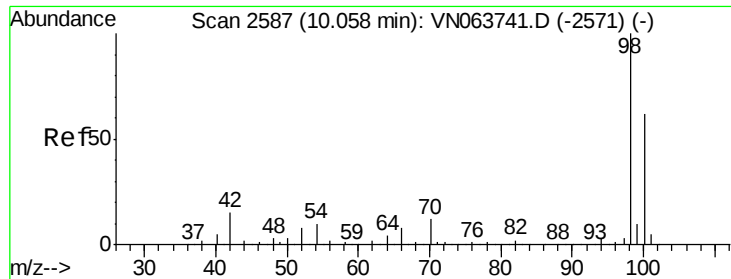


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.931 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063764.D

Acq: 1 Oct 2020 12:05

Instrument :

MSVOA_N

ClientSampleId :

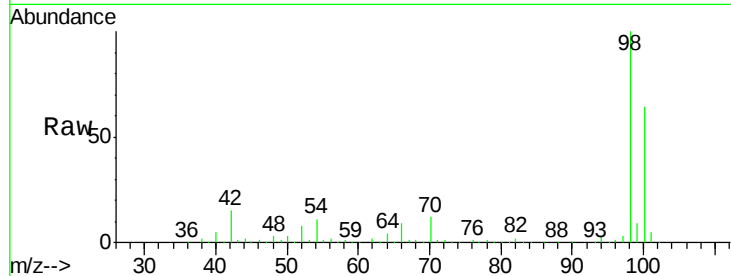
VN1001WBL01

Tot Ion: 98 Resp: 524080

Ion Ratio Lower Upper

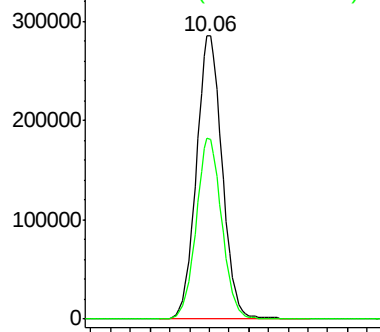
98 100

100 63.3 49.8 74.6

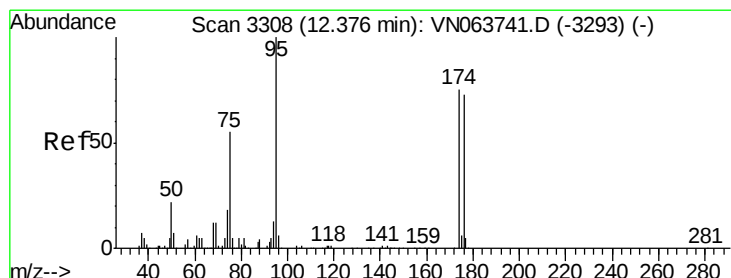
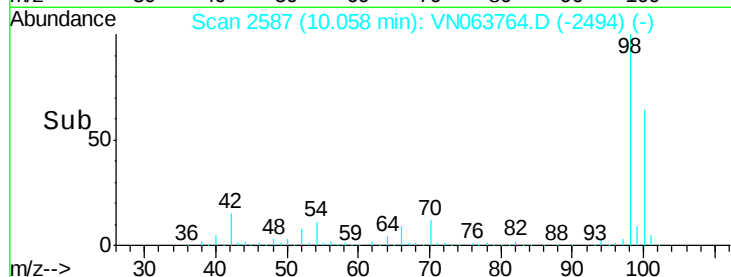


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 52.176 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063764.D

Acq: 1 Oct 2020 12:05

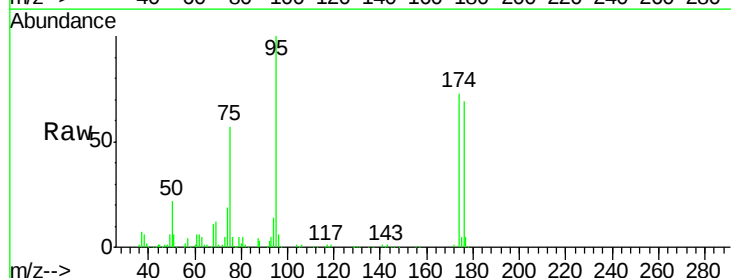
Tgt Ion: 95 Resp: 210069

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

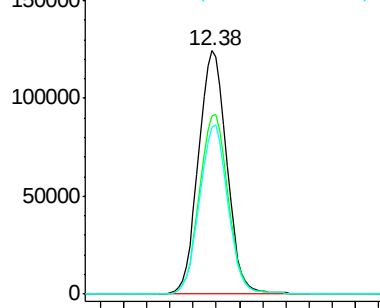
176 69.4 0.0 145.4



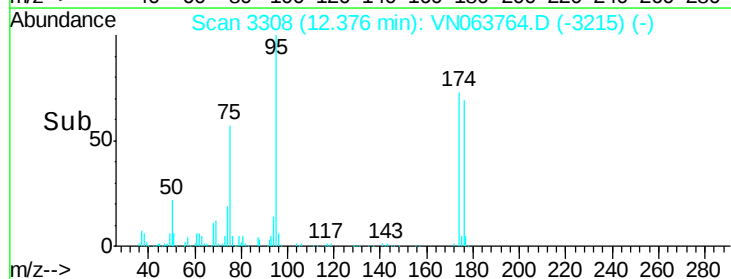
Abundance Ion 94.90 (94.60 to 95.60): VN0

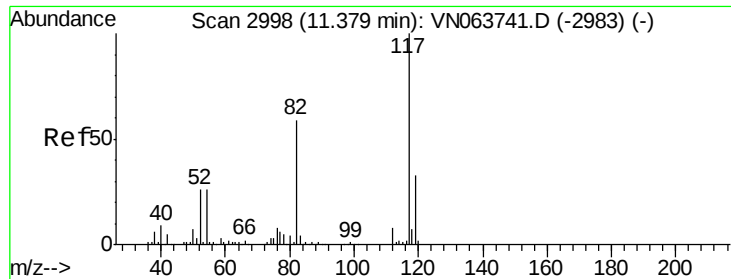
Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN



Time-->

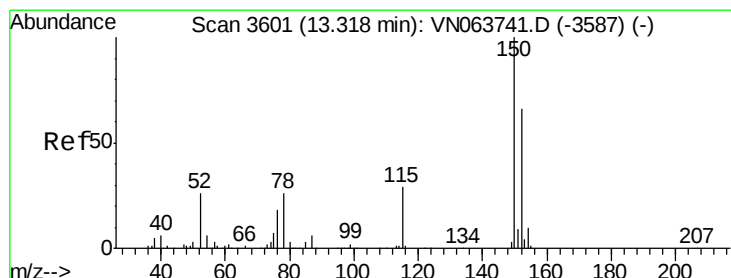
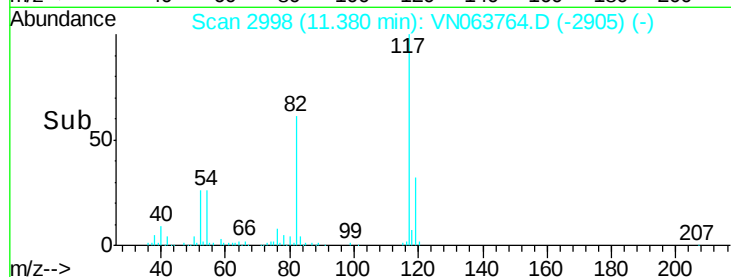
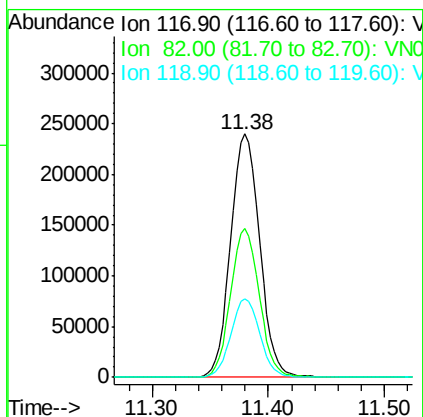
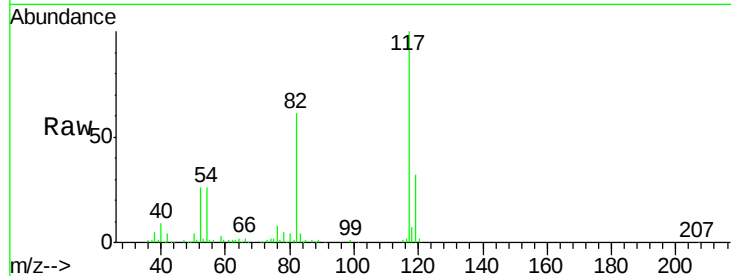




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063764.D
Acq: 1 Oct 2020 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBL01

Tot Ion:117 Resp: 418132
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 32.4 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: VN063764.D
Acq: 1 Oct 2020 12:05

Tgt Ion:152 Resp: 172960
Ion Ratio Lower Upper
152 100
115 63.5 31.3 93.8
150 159.4 0.0 341.8

