

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064051.D
 Acq On : 9 Oct 2020 22:01
 Operator : JC/MD
 Sample : VN1009WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBL02

Quant Time: Oct 10 02:49:00 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	211455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	394217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	408758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	156141	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	186165	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	
35) Dibromofluoromethane	7.55	113	136389	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	10.06	98	509536	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.38	95	194272	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	

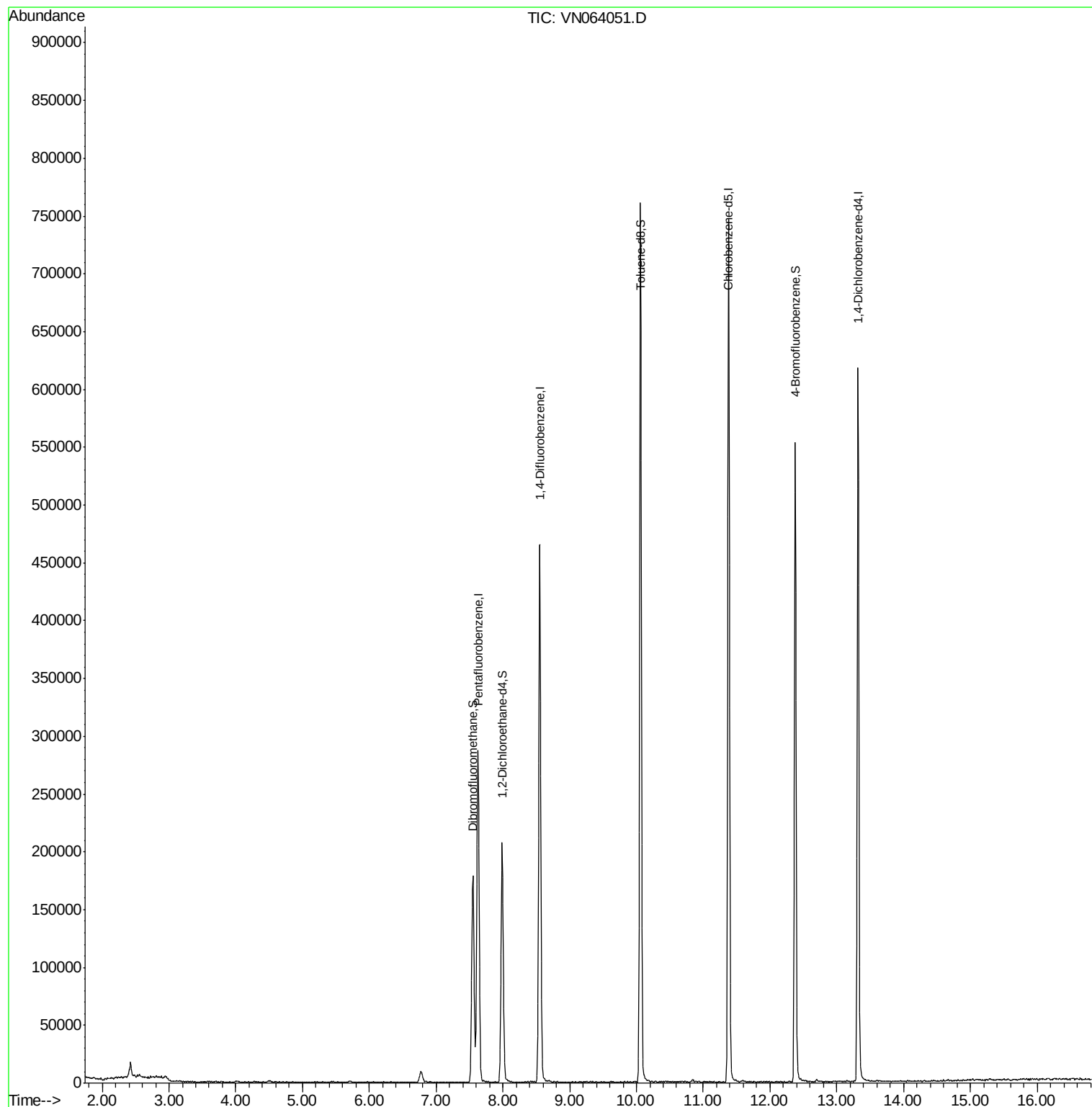
Target Compounds	Qvalue
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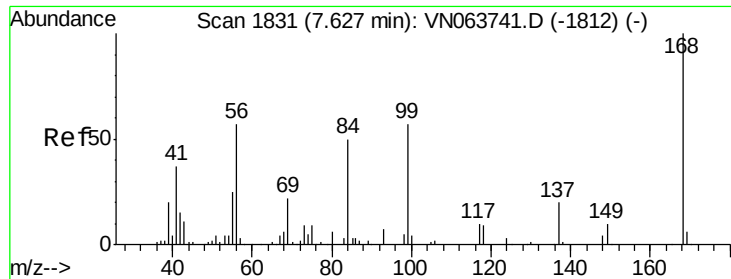
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100920\
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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: VN064051.D

Acq: 9 Oct 2020 22:01

Instrument :

MSVOA_N

ClientSampleId :

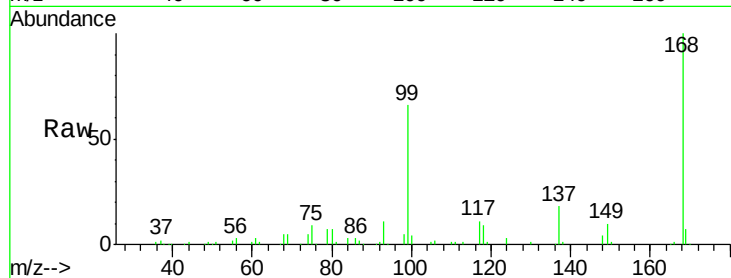
VN1009WBL02

Tot Ion:168 Resp: 211455

Ion Ratio Lower Upper

168 100

99 66.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

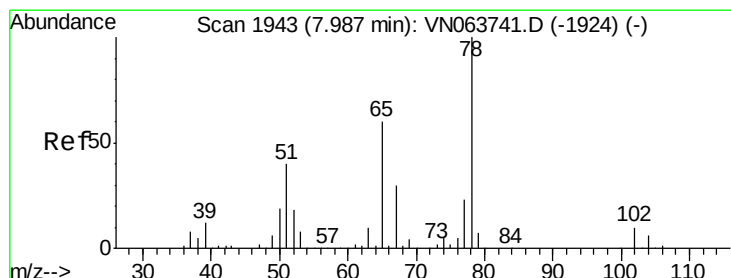
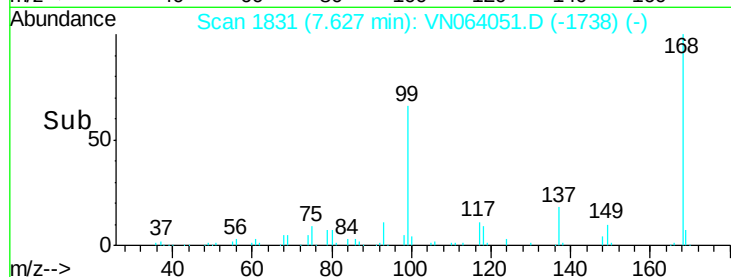
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 53.291 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064051.D

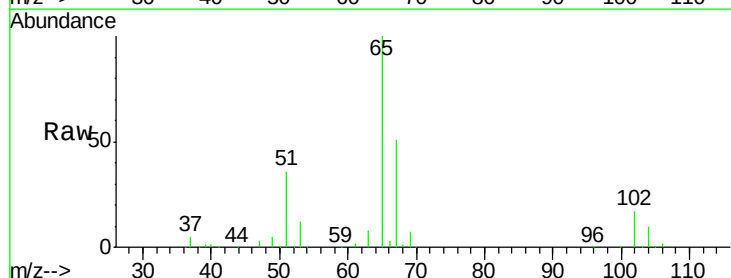
Acq: 9 Oct 2020 22:01

Tgt Ion: 65 Resp: 186165

Ion Ratio Lower Upper

65 100

67 50.0 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

80000

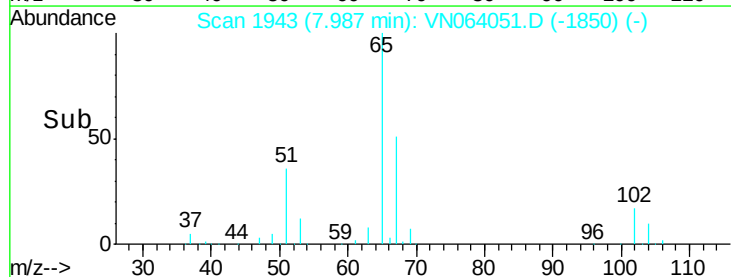
60000

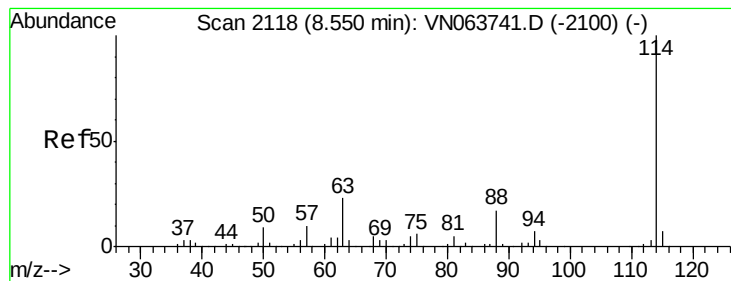
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064051.D

Acq: 9 Oct 2020 22:01

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBL02

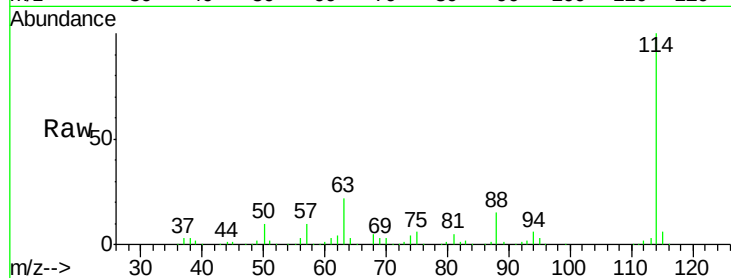
Tot Ion:114 Resp: 394217

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

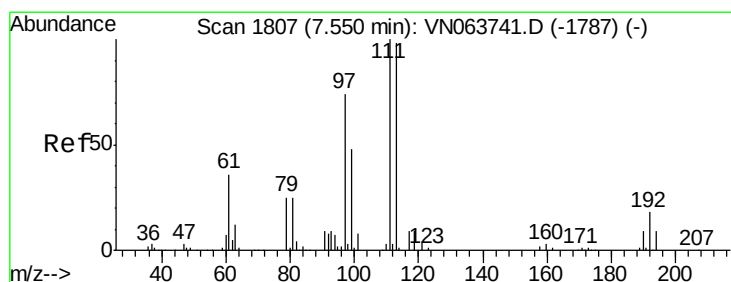
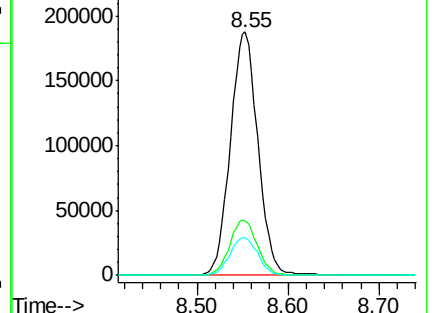
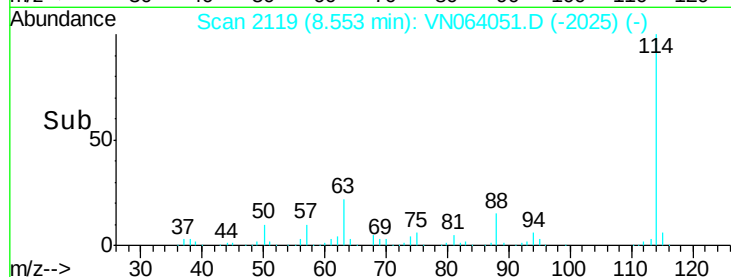
88 15.4 0.0 34.0



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: 49.861 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN064051.D

Acq: 9 Oct 2020 22:01

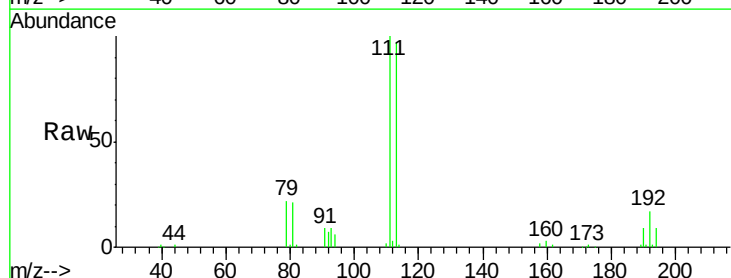
Tgt Ion:113 Resp: 136389

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

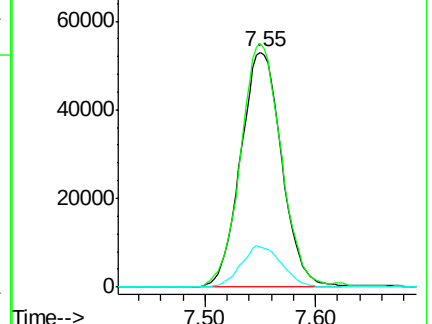
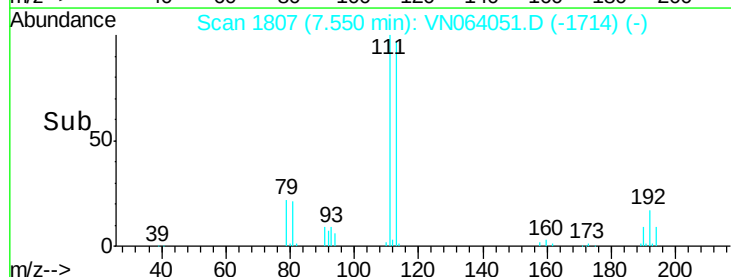
192 17.4 14.2 21.2

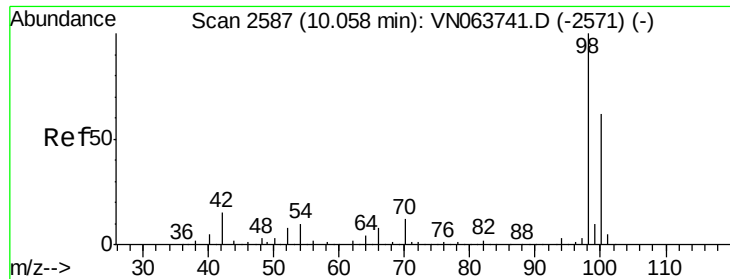


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.138 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064051.D

Acq: 9 Oct 2020 22:01

Instrument :

MSVOA_N

ClientSampleId :

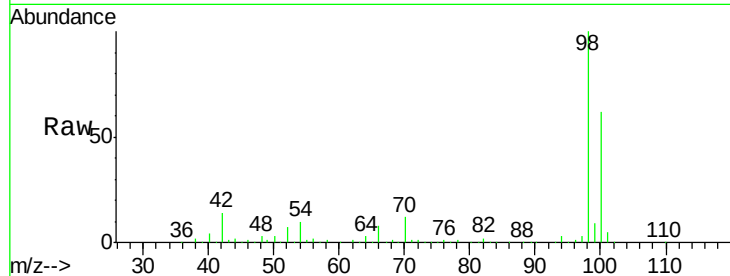
VN1009WBL02

Tot Ion: 98 Resp: 509536

Ion Ratio Lower Upper

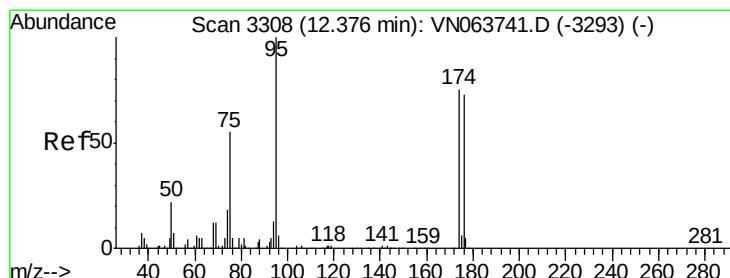
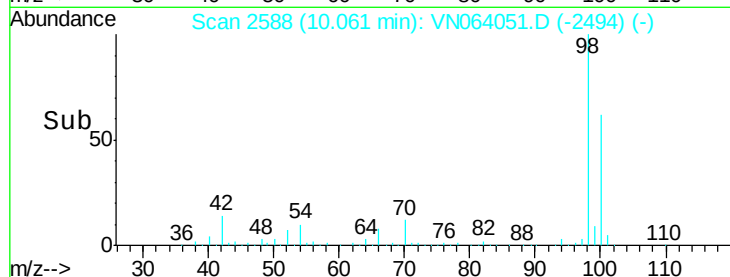
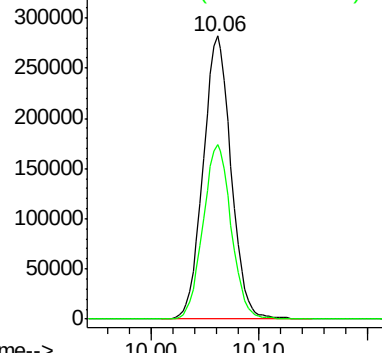
98 100

100 62.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 49.839 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064051.D

Acq: 9 Oct 2020 22:01

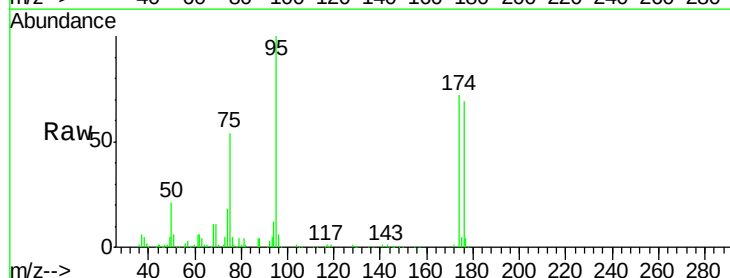
Tgt Ion: 95 Resp: 194272

Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.6

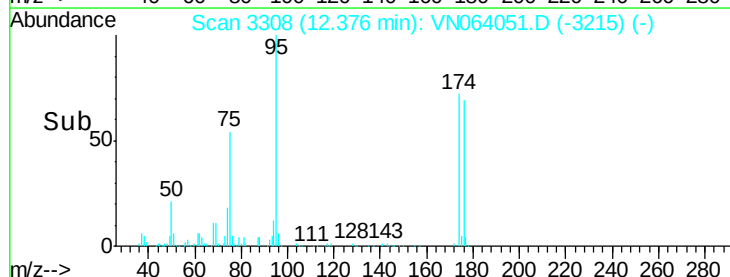
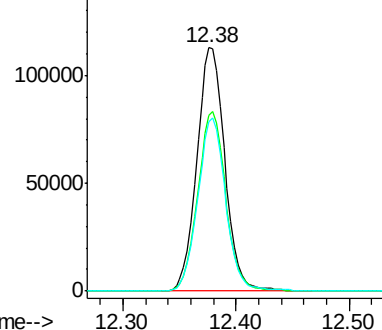
176 71.0 0.0 145.4

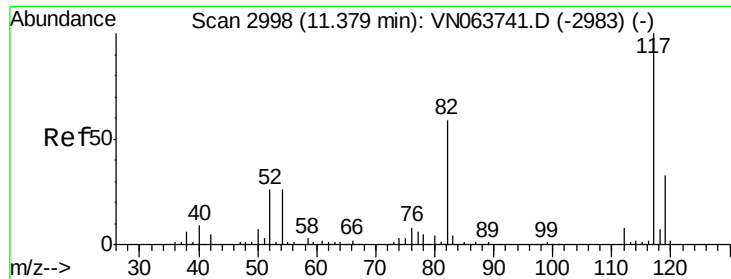


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064051.D

Acq: 9 Oct 2020 22:01

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBL02

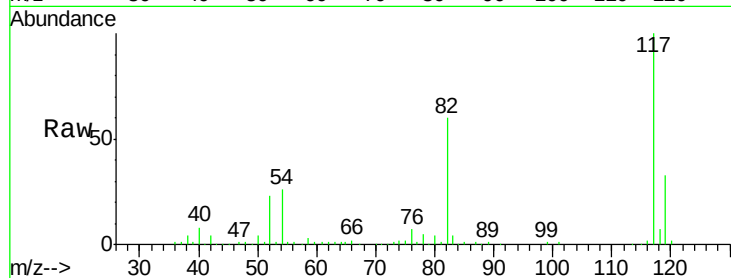
Tot Ion:117 Resp: 408758

Ion Ratio Lower Upper

117 100

82 59.8 47.4 71.2

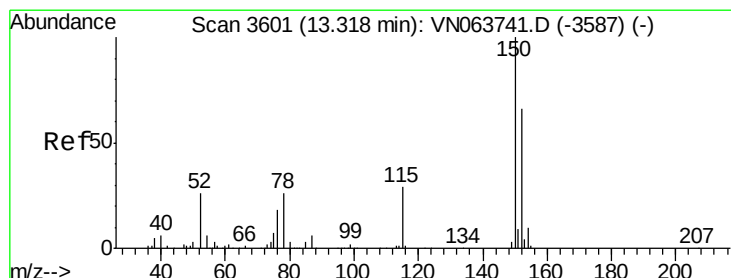
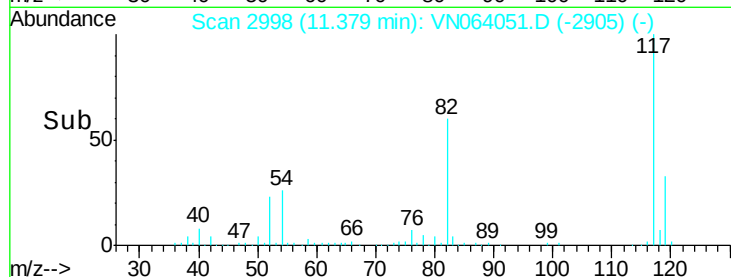
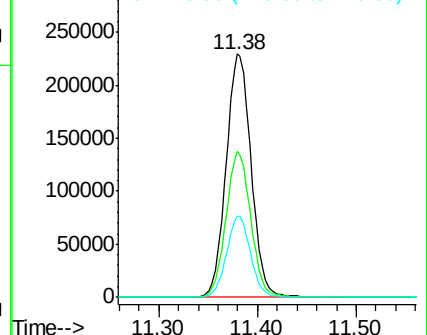
119 33.5 26.4 39.6



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# 3601

Delta R.T. -0.00 min

Lab File: VN064051.D

Acq: 9 Oct 2020 22:01

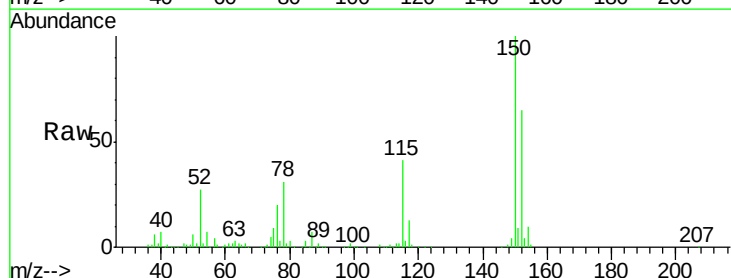
Tgt Ion:152 Resp: 156141

Ion Ratio Lower Upper

152 100

115 63.2 31.3 93.8

150 156.3 0.0 341.8



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

