

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063961.D
 Acq On : 8 Oct 2020 00:06
 Operator : JC/MD
 Sample : VN1007WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBL02

Quant Time: Oct 08 06:27:34 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	241314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	436863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	452513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181172	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	201467	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.55	113	151681	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.06	98	558407	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.38	95	214117	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	

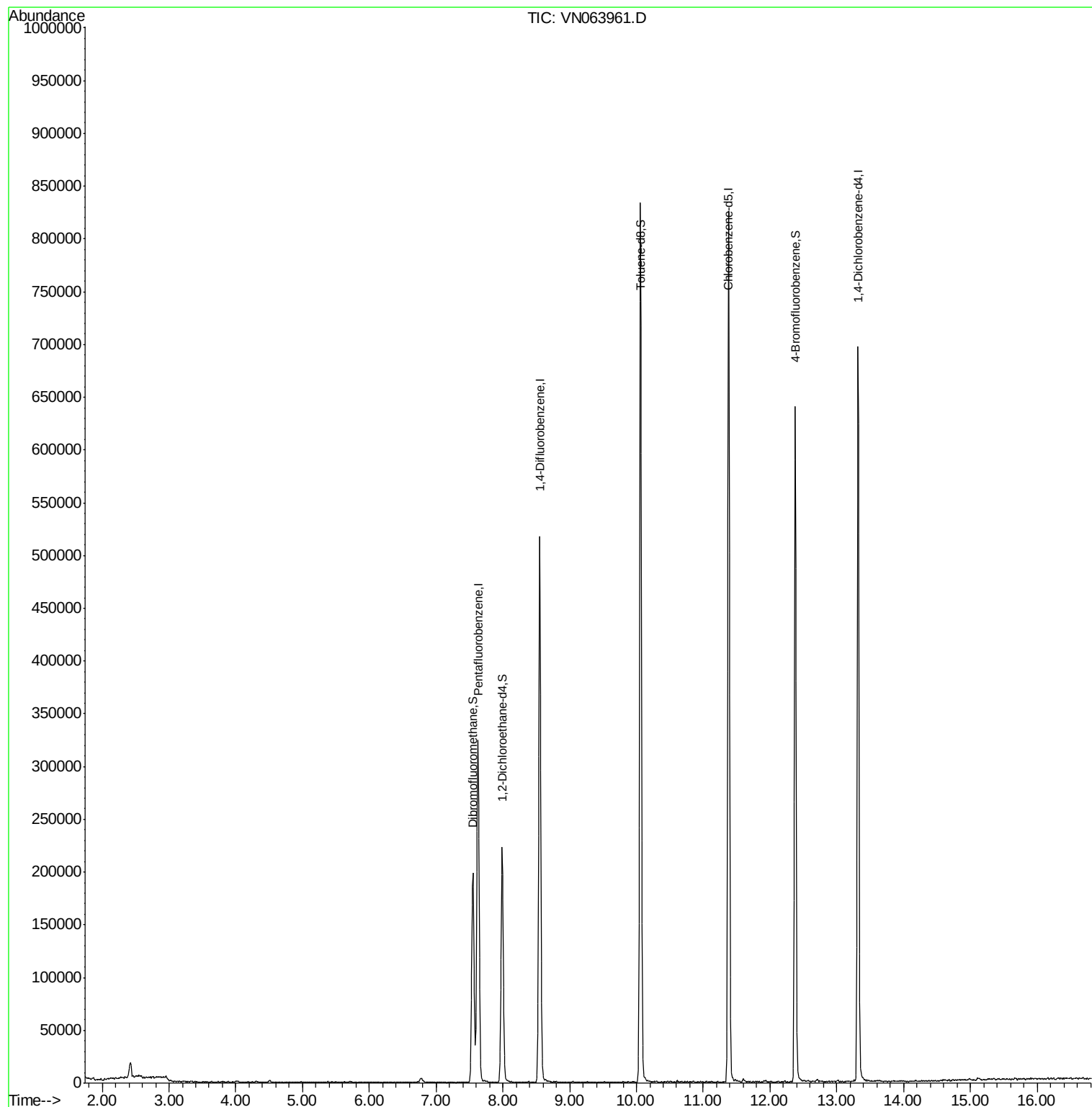
Target Compounds	Qvalue

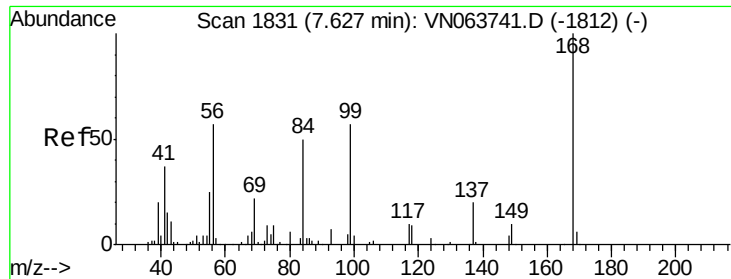
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063961.D

Acq: 8 Oct 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

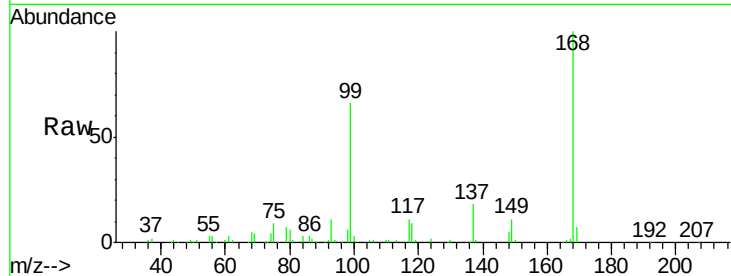
VN1007WBL02

Tot Ion:168 Resp: 241314

Ion Ratio Lower Upper

168 100

99 65.7 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

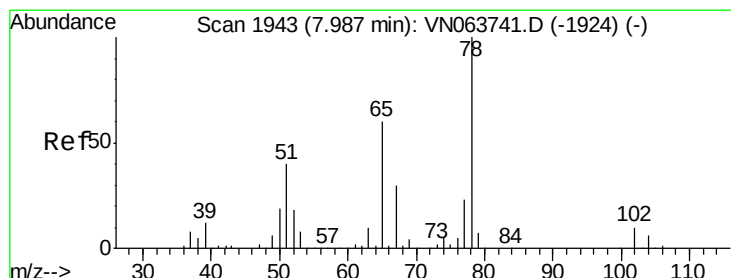
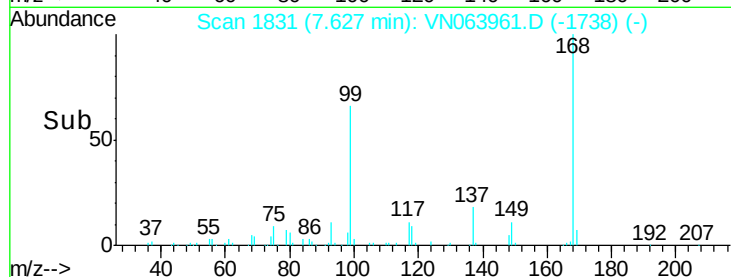
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 50.535 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063961.D

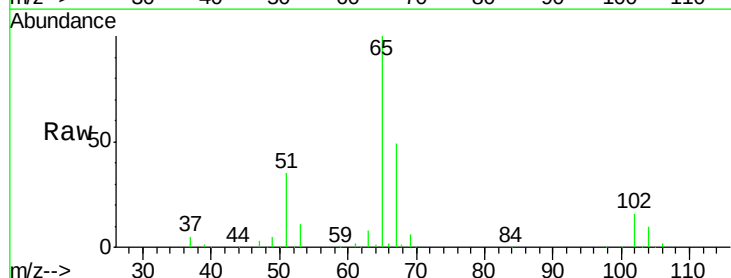
Acq: 8 Oct 2020 00:06

Tgt Ion: 65 Resp: 201467

Ion Ratio Lower Upper

65 100

67 50.8 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

100000

80000

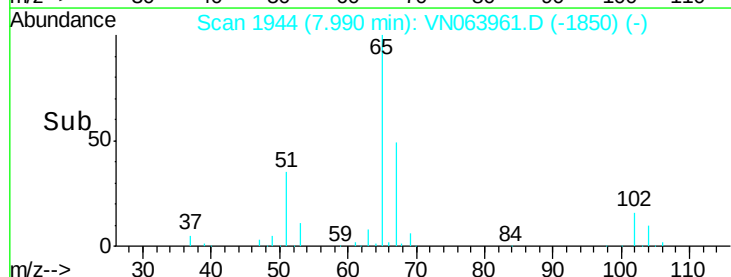
60000

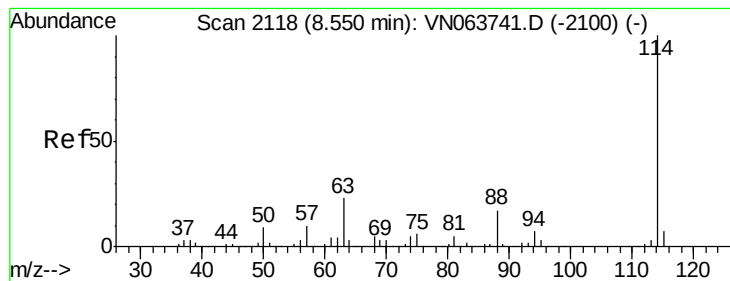
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063961.D

Acq: 8 Oct 2020 00:06

Instrument :

MSVOA_N

ClientSampled :

VN1007WBL02

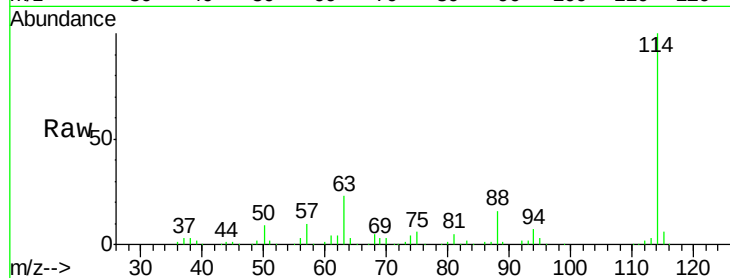
Tot Ion:114 Resp: 436863

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

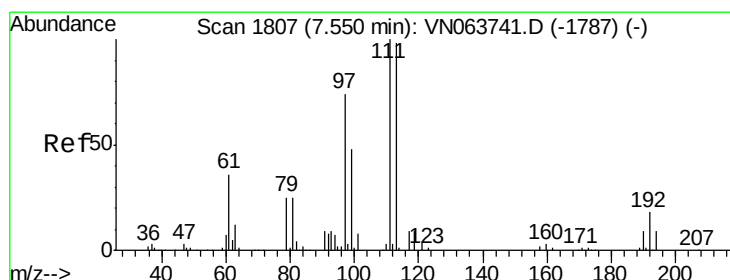
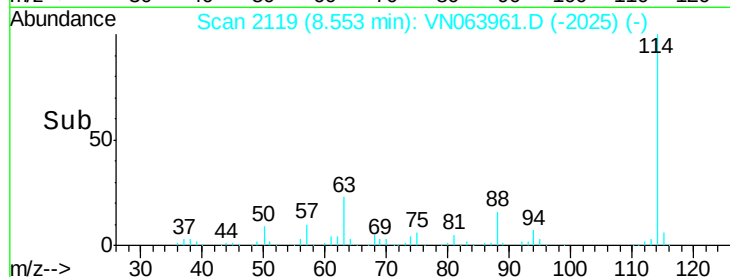
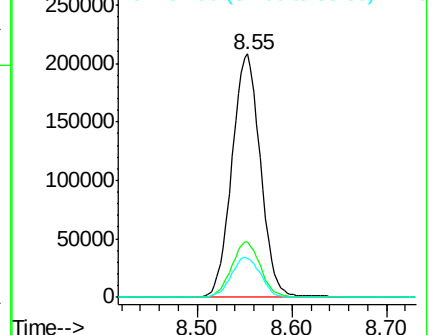
88 16.1 0.0 34.0



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: 50.038 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN063961.D

Acq: 8 Oct 2020 00:06

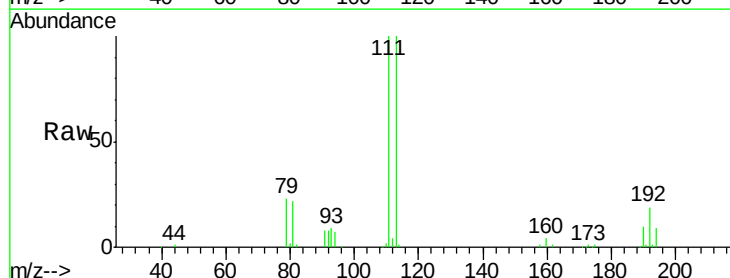
Tgt Ion:113 Resp: 151681

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

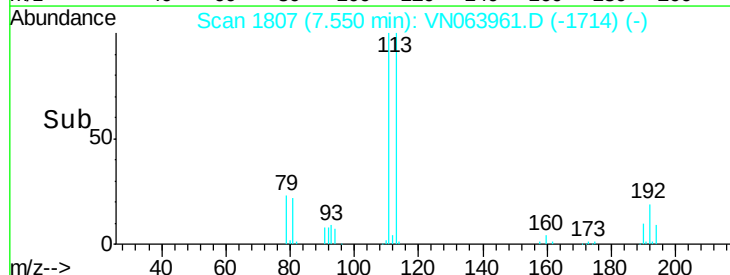
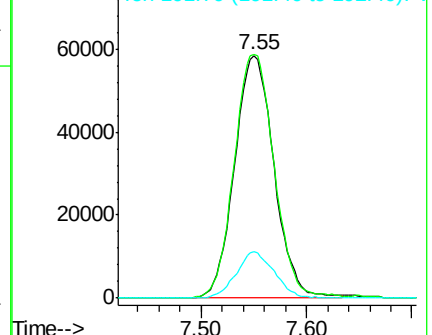
192 18.6 14.2 21.2

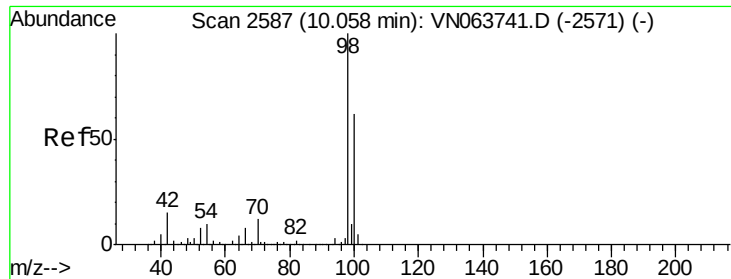


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.594 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063961.D

Acq: 8 Oct 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

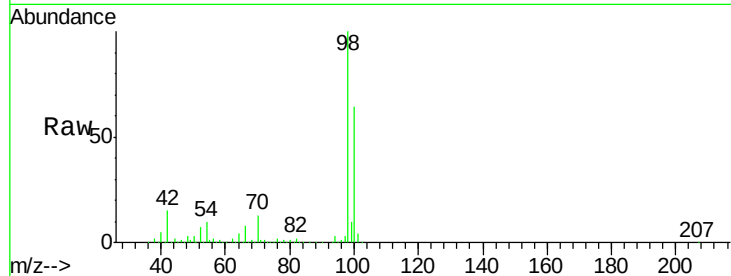
VN1007WBL02

Tot Ion: 98 Resp: 558407

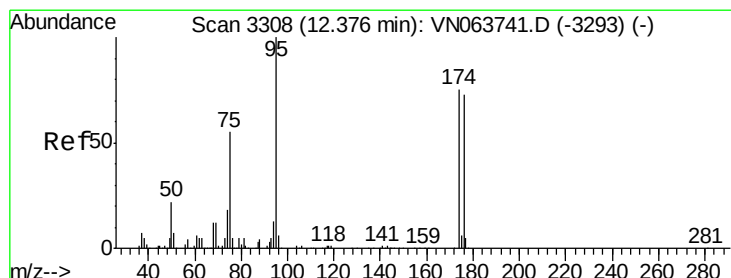
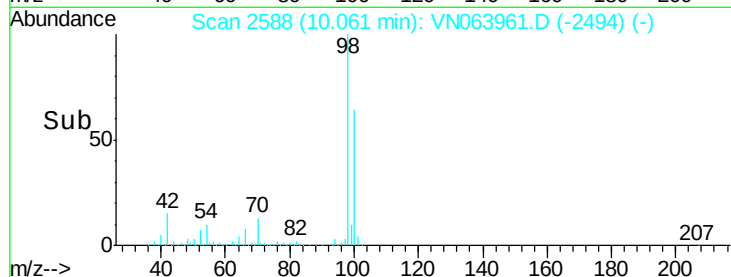
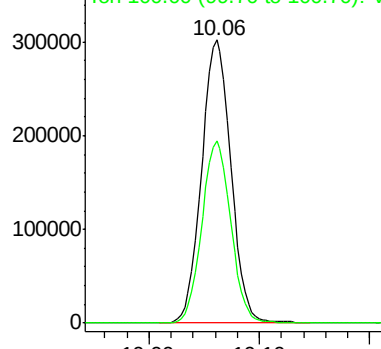
Ion Ratio Lower Upper

98 100

100 63.6 49.8 74.6



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



#62

4-Bromofluorobenzene

Concen: 49.568 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063961.D

Acq: 8 Oct 2020 00:06

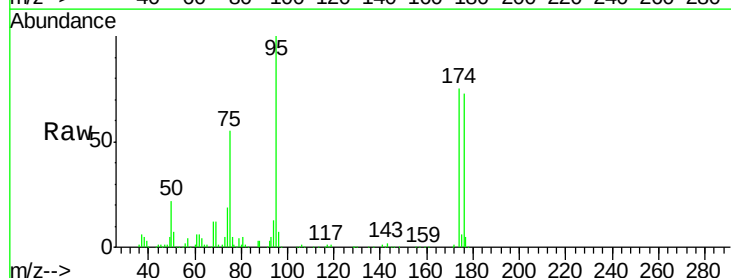
Tgt Ion: 95 Resp: 214117

Ion Ratio Lower Upper

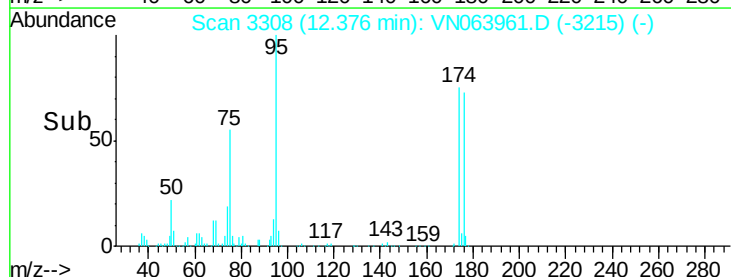
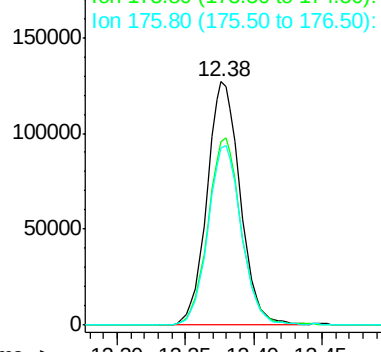
95 100

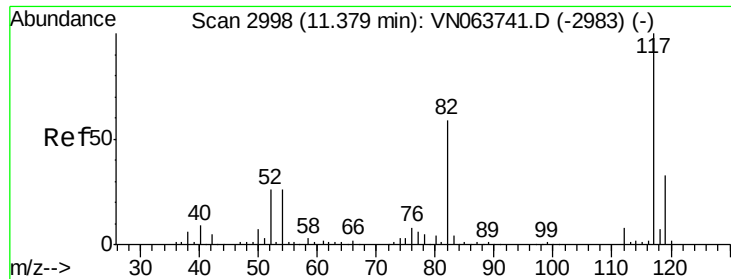
174 76.9 0.0 150.6

176 74.0 0.0 145.4



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

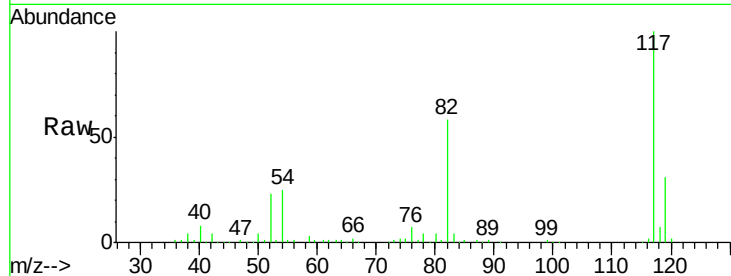




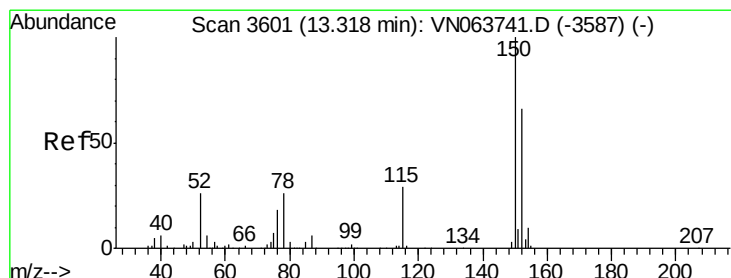
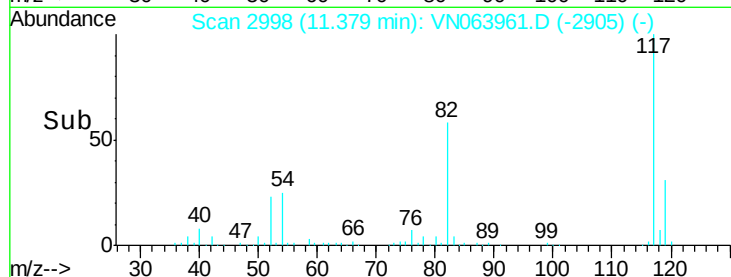
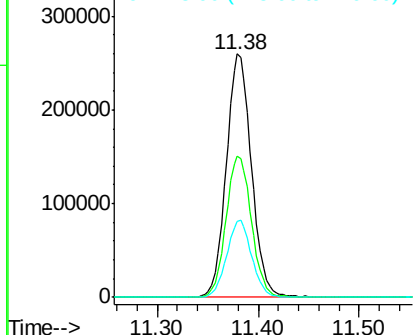
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063961.D
Acq: 8 Oct 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL02

Tot Ion:117 Resp: 452513
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.4 26.4 39.6

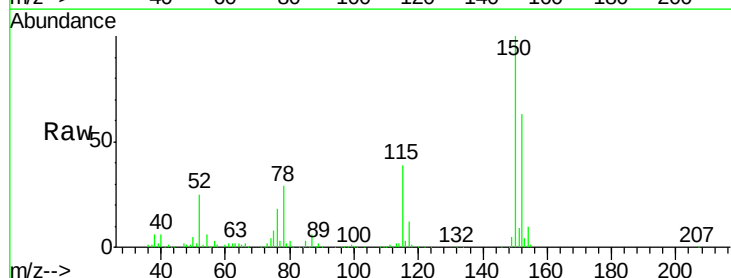


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063961.D
Acq: 8 Oct 2020 00:06

Tgt Ion:152 Resp: 181172
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 155.1 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

