

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063621.D
 Acq On : 24 Sep 2020 12:12
 Operator : JC/MD
 Sample : VN0924WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL01

Quant Time: Sep 24 16:57:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	212611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	396689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165500	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177713	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.55	113	131375	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	10.06	98	508807	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.38	95	196866	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

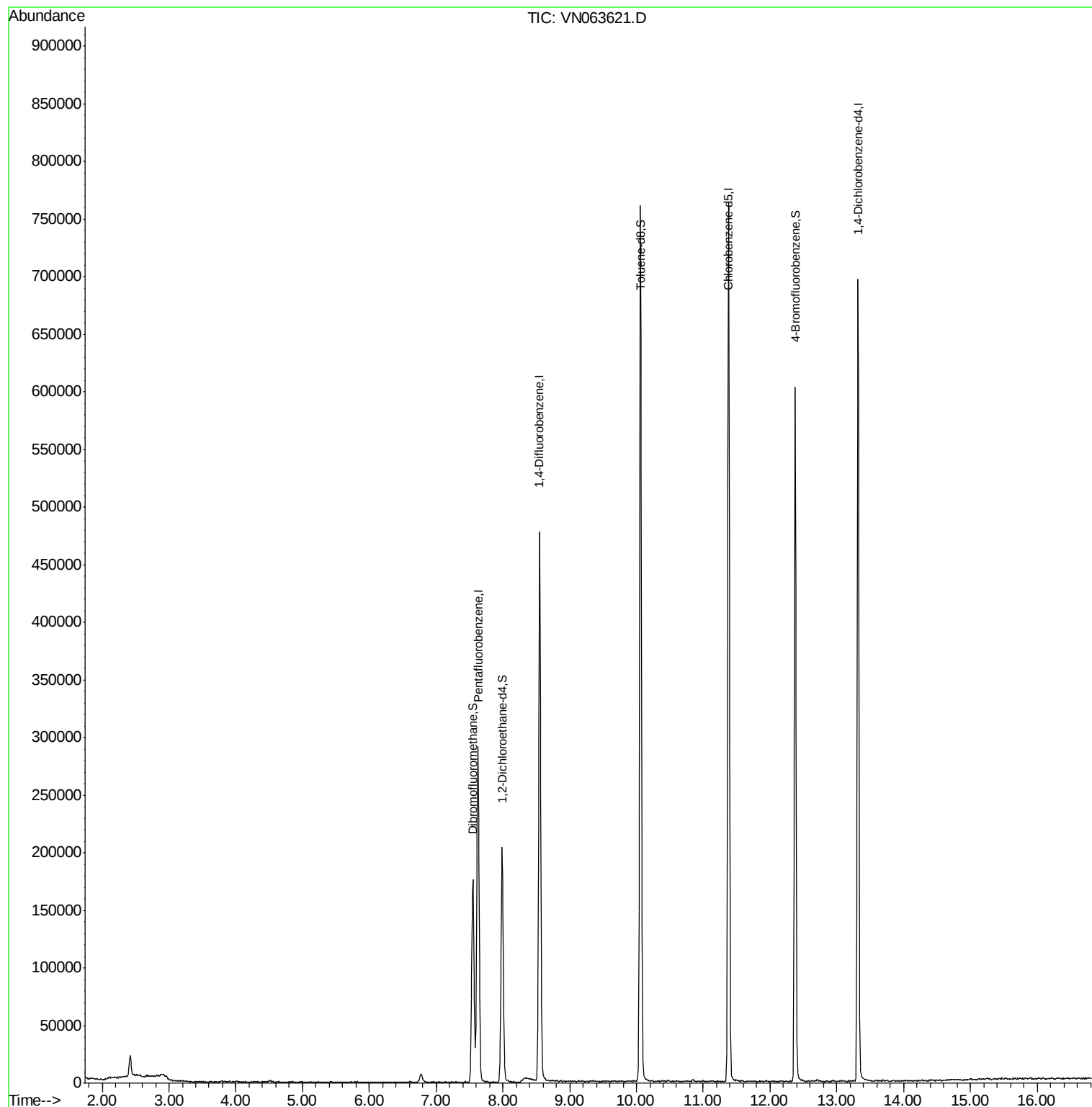
Target Compounds	Qvalue
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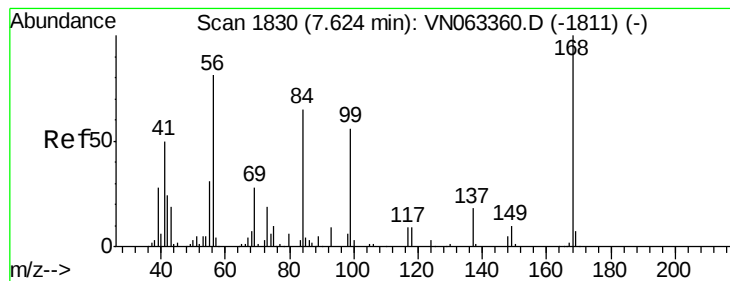
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063621.D

Acq: 24 Sep 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

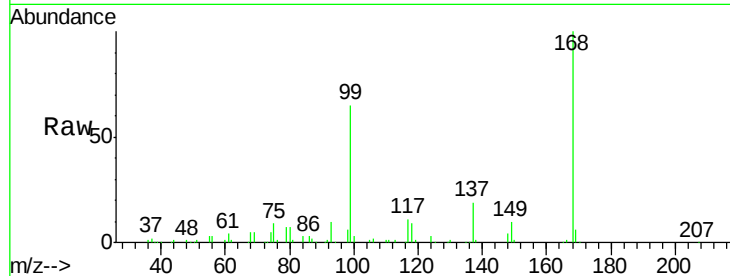
VN0924WBL01

Tot Ion:168 Resp: 212611

Ion Ratio Lower Upper

168 100

99 64.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

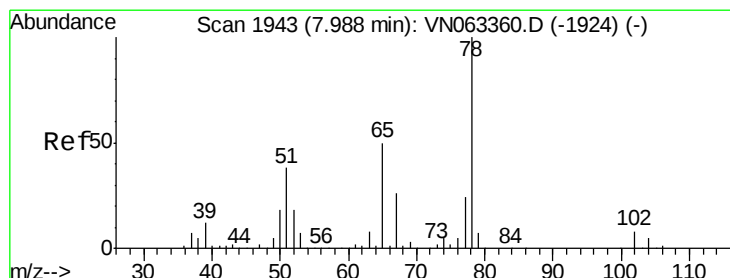
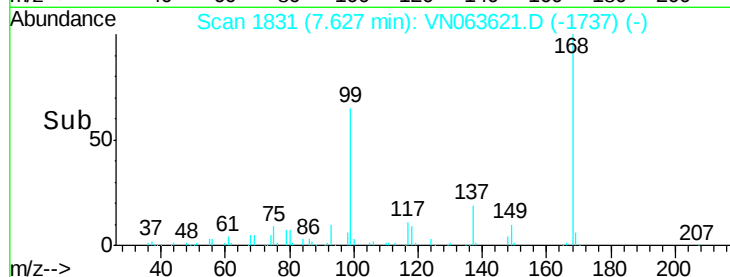
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 49.103 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063621.D

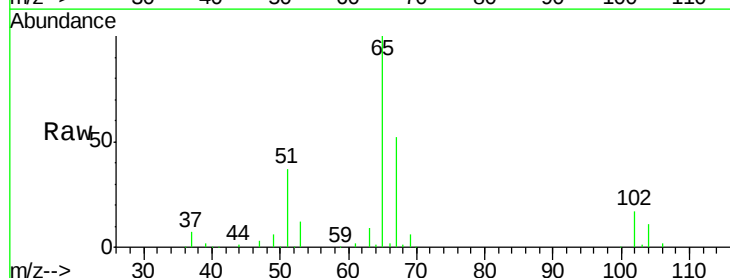
Acq: 24 Sep 2020 12:12

Tgt Ion: 65 Resp: 177713

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

80000

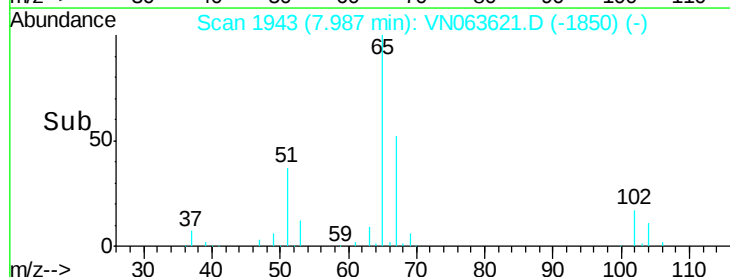
60000

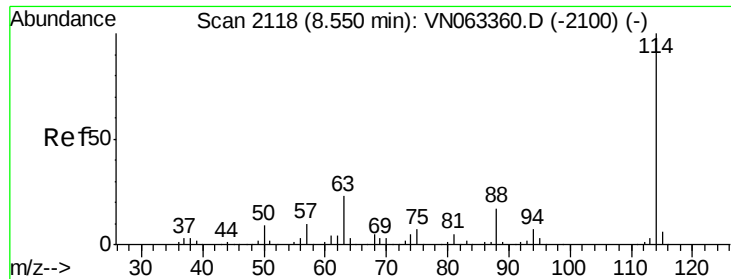
40000

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: VN063621.D

Acq: 24 Sep 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBL01

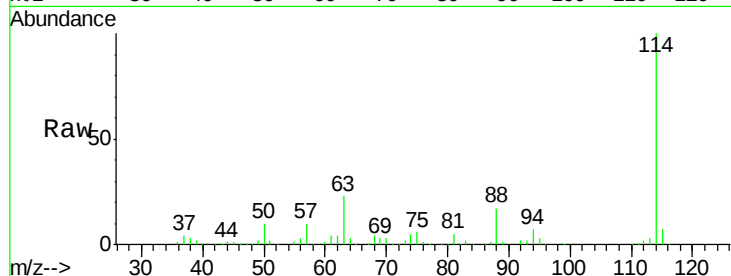
Tot Ion:114 Resp: 392850

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.4

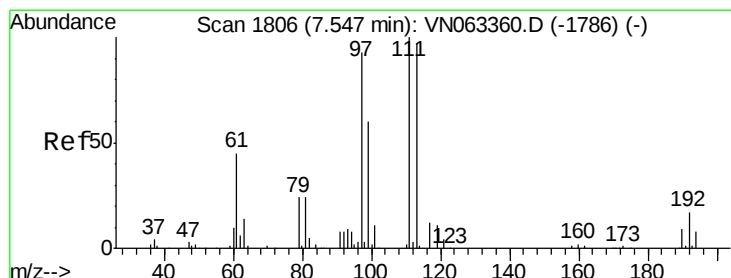
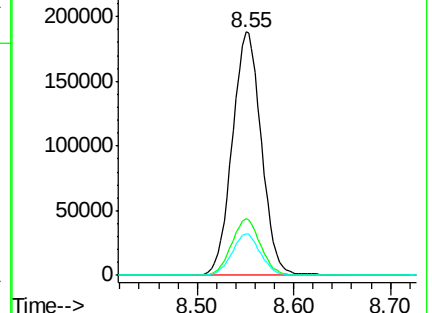
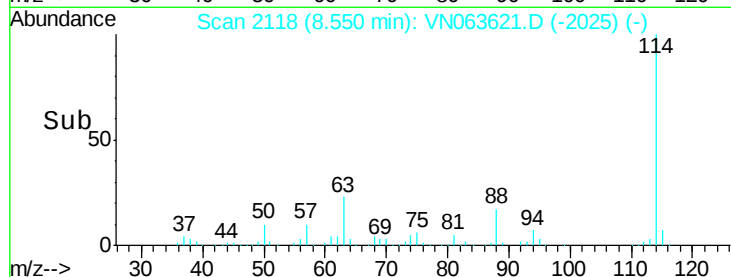
88 17.0 0.0 33.2



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: 48.306 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063621.D

Acq: 24 Sep 2020 12:12

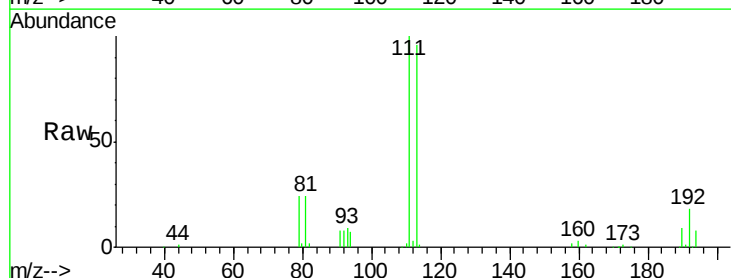
Tgt Ion:113 Resp: 131375

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

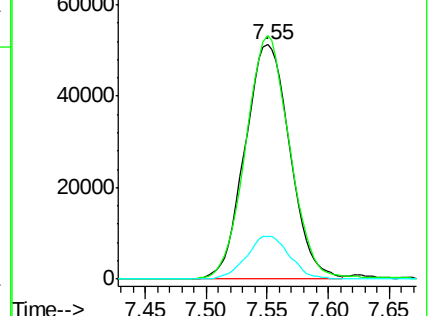
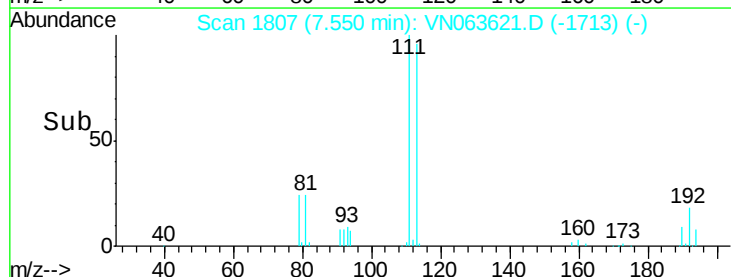
192 17.5 13.9 20.9

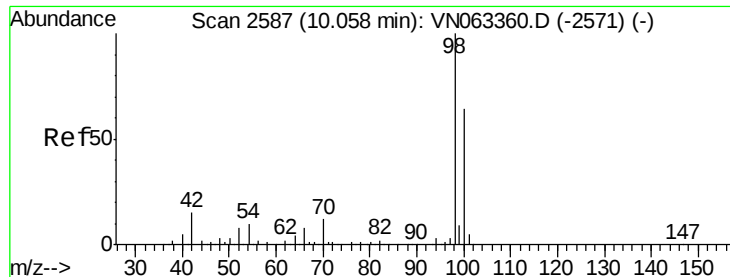


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.755 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063621.D

Acq: 24 Sep 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

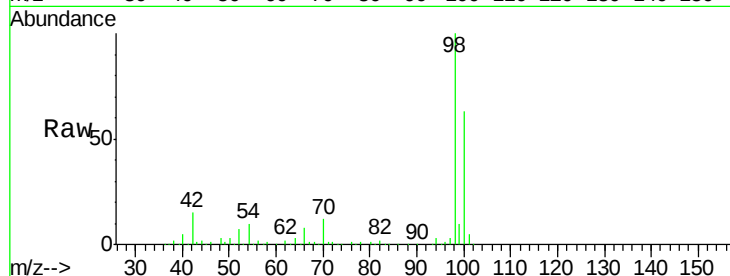
VN0924WBL01

Tot Ion: 98 Resp: 508807

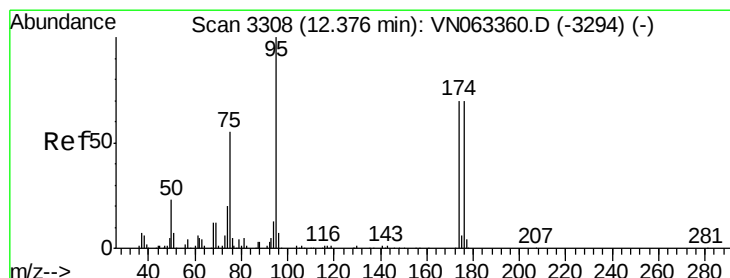
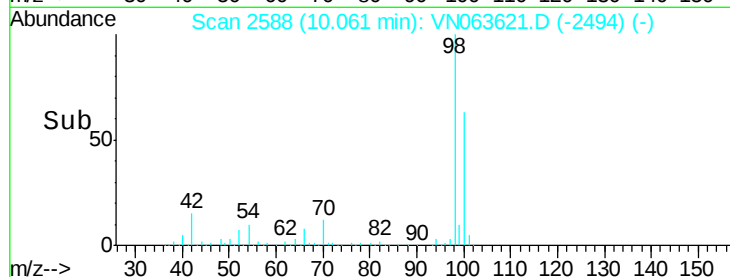
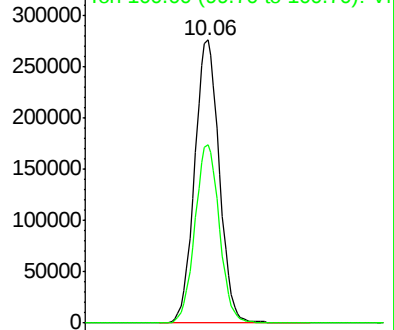
Ion Ratio Lower Upper

98 100

100 62.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 52.515 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063621.D

Acq: 24 Sep 2020 12:12

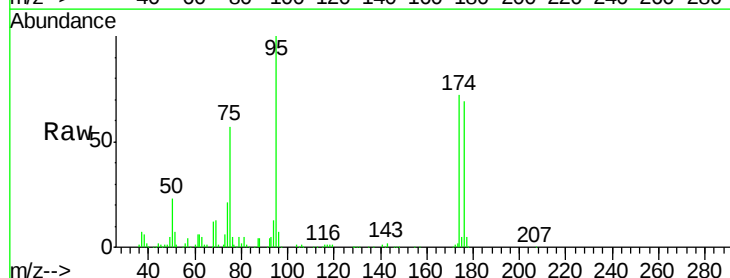
Tgt Ion: 95 Resp: 196866

Ion Ratio Lower Upper

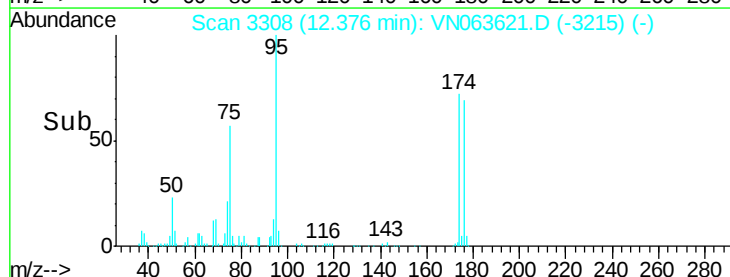
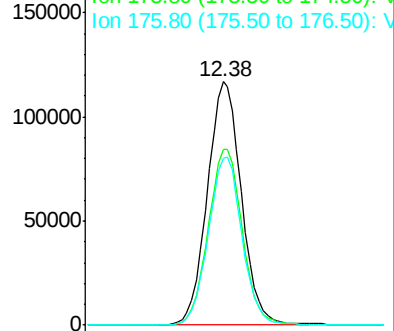
95 100

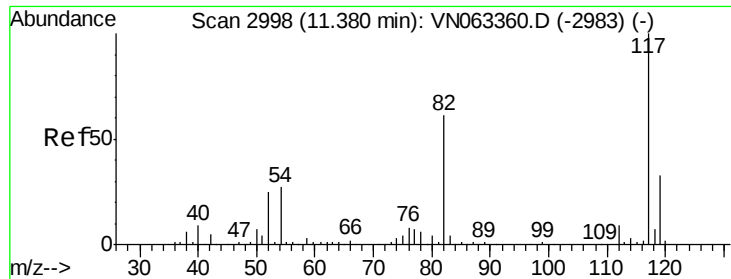
174 72.4 0.0 140.8

176 68.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

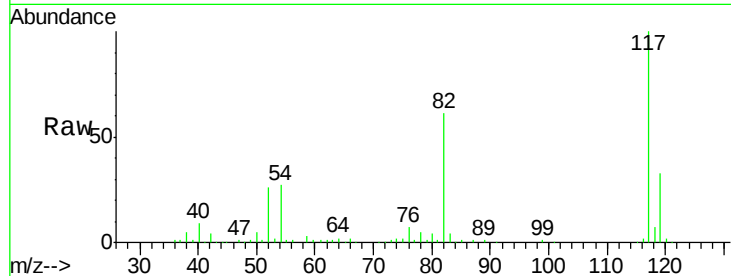




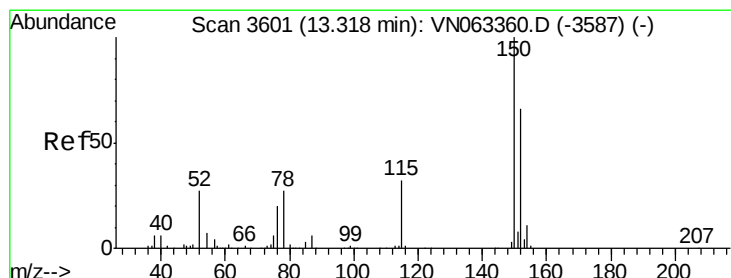
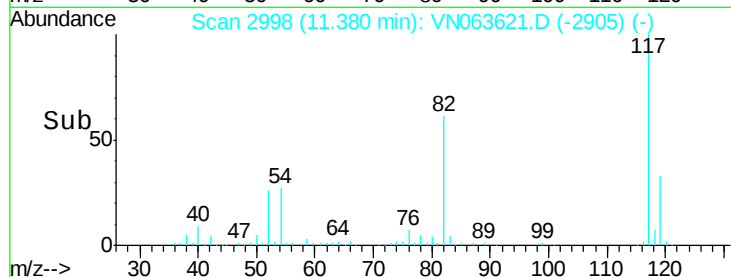
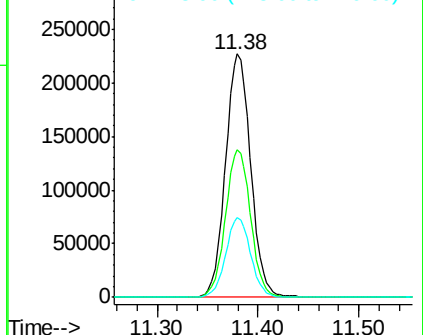
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063621.D
Acq: 24 Sep 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Tot Ion:117 Resp: 396689
Ion Ratio Lower Upper
117 100
82 60.8 49.2 73.8
119 32.8 26.2 39.4

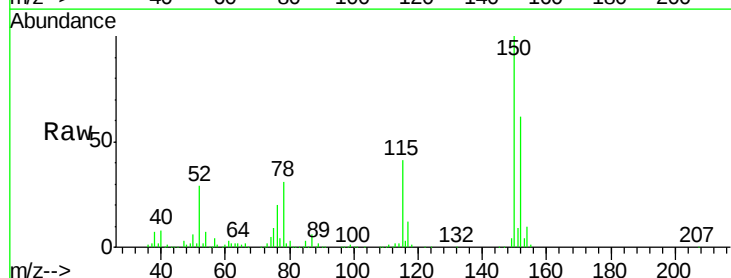


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063621.D
Acq: 24 Sep 2020 12:12

Tgt Ion:152 Resp: 165500
Ion Ratio Lower Upper
152 100
115 65.4 32.2 96.6
150 158.7 0.0 343.4



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

