

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\
 Data File : VN063023.D
 Acq On : 19 Aug 2020 19:35
 Operator : JC/MD
 Sample : L3736-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-200818

Quant Time: Aug 20 02:00:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	160433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	276830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	102670	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	100039	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
35) Dibromofluoromethane	7.55	113	90131	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	10.06	98	343812	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.38	95	114778	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

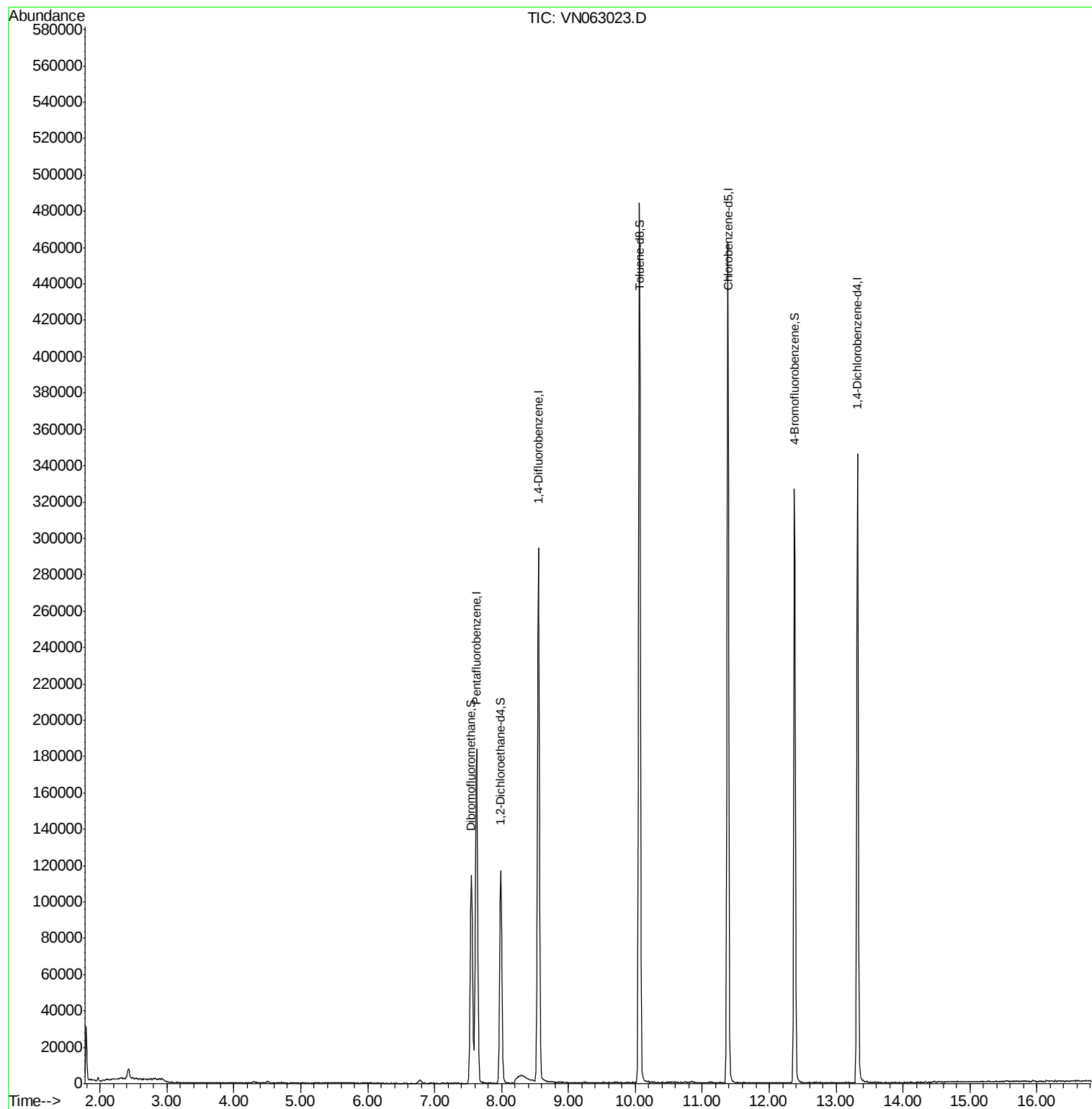
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063023.D

Acq: 19 Aug 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

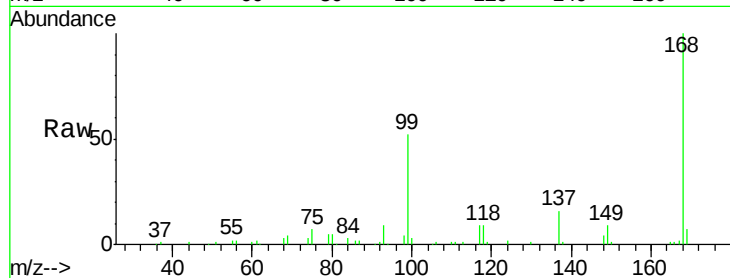
TB-02-200818

Tot Ion:168 Resp: 160433

Ion Ratio Lower Upper

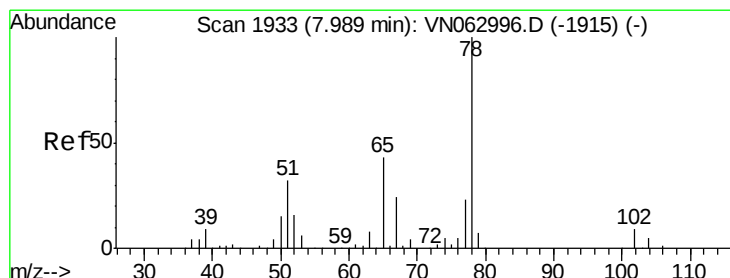
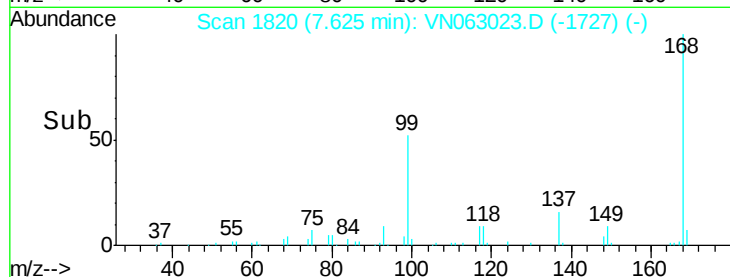
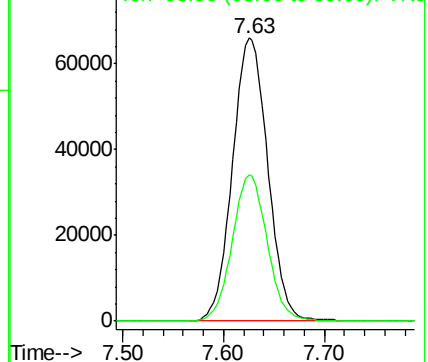
168 100

99 51.9 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 52.612 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN063023.D

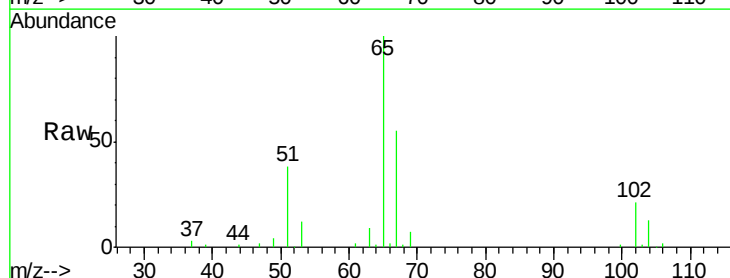
Acq: 19 Aug 2020 19:35

Tgt Ion: 65 Resp: 100039

Ion Ratio Lower Upper

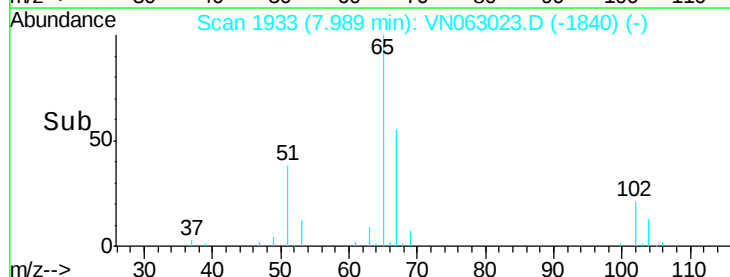
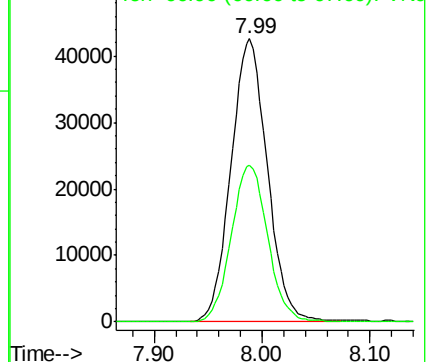
65 100

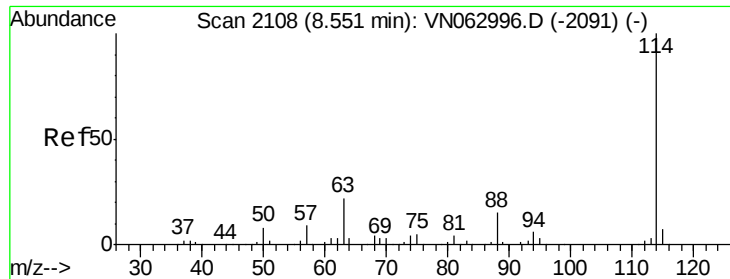
67 55.5 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

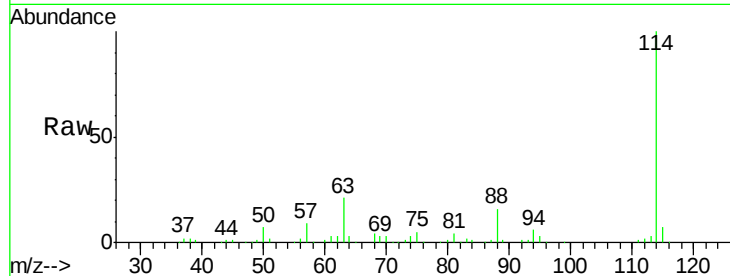




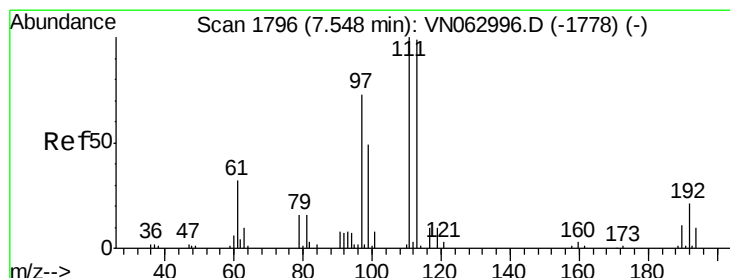
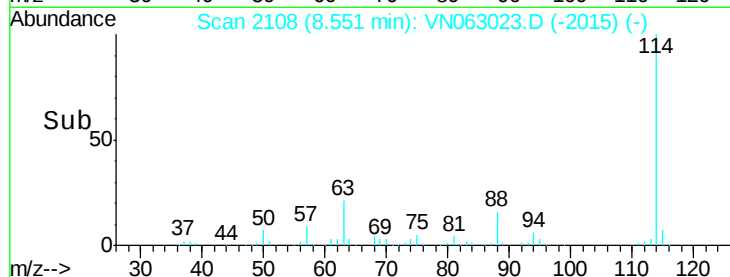
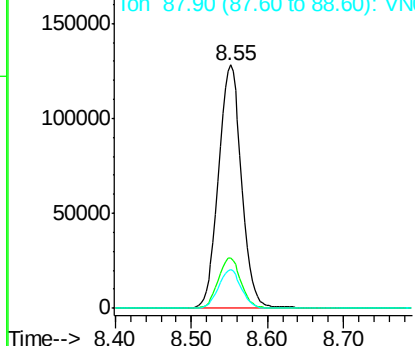
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063023.D
 Acq: 19 Aug 2020 19:35

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-200818

Tot Ion:114 Resp: 269941
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 15.9 0.0 30.6

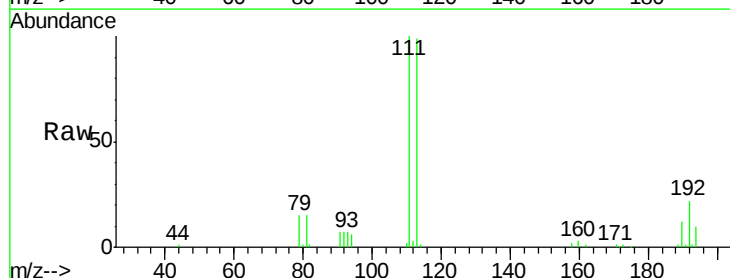


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

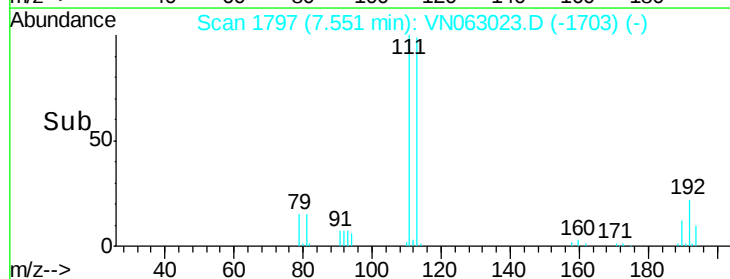
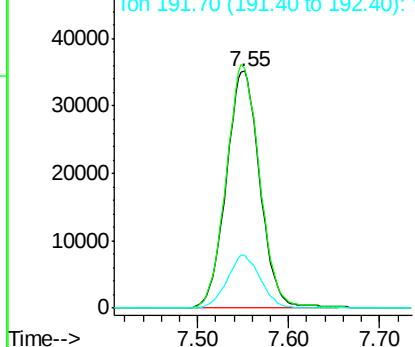


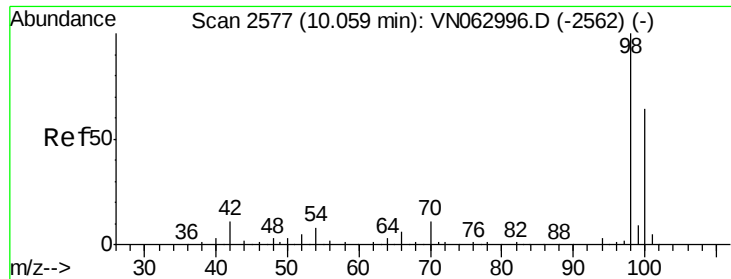
#35
 Dibromofluoromethane
 Concen: 51.242 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063023.D
 Acq: 19 Aug 2020 19:35

Tgt Ion:113 Resp: 90131
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 22.0 17.5 26.3



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: 50.889 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063023.D

Acq: 19 Aug 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

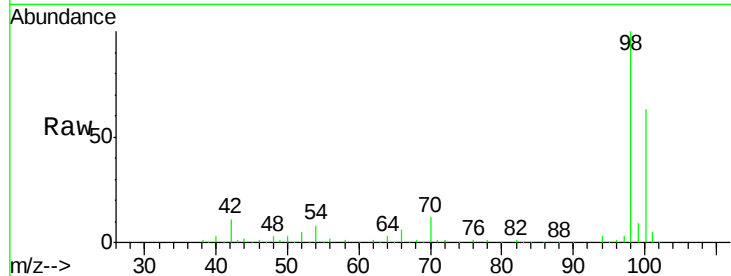
TB-02-200818

Tot Ion: 98 Resp: 343812

Ion Ratio Lower Upper

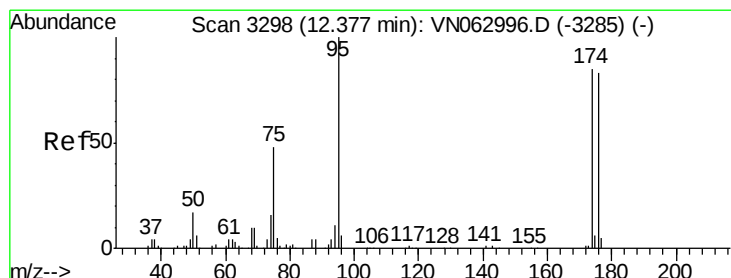
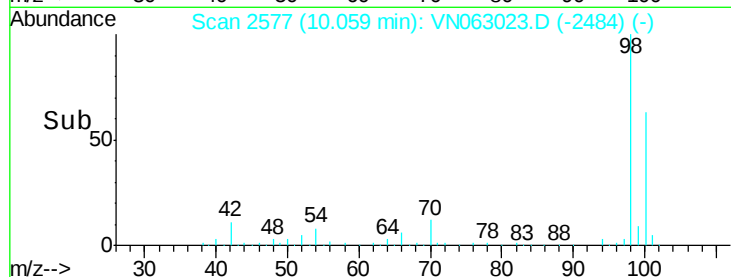
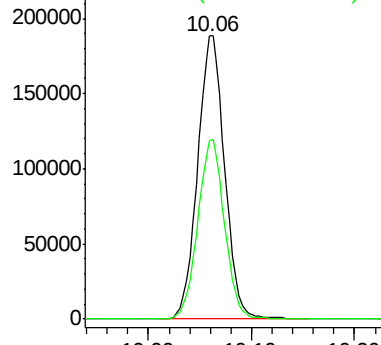
98 100

100 62.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 48.143 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063023.D

Acq: 19 Aug 2020 19:35

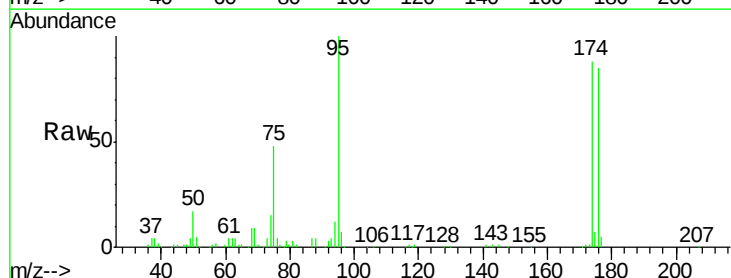
Tgt Ion: 95 Resp: 114778

Ion Ratio Lower Upper

95 100

174 88.2 0.0 170.8

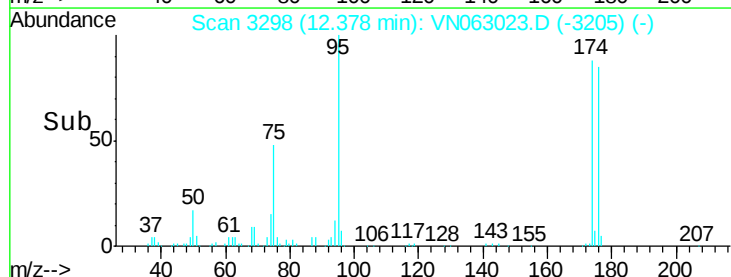
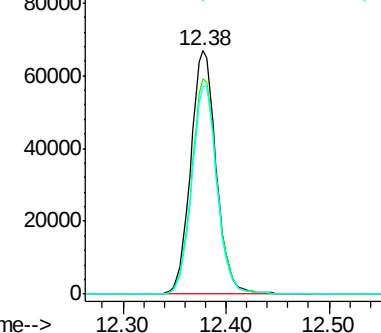
176 84.5 0.0 164.8

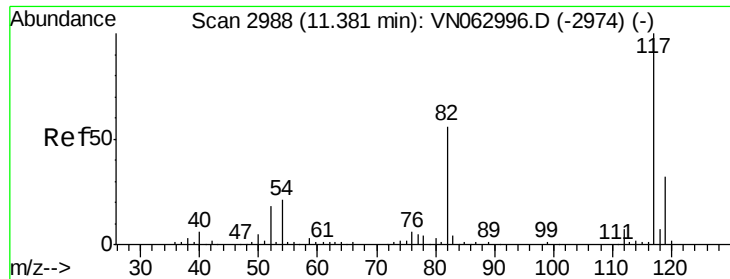


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063023.D

Acq: 19 Aug 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

TB-02-200818

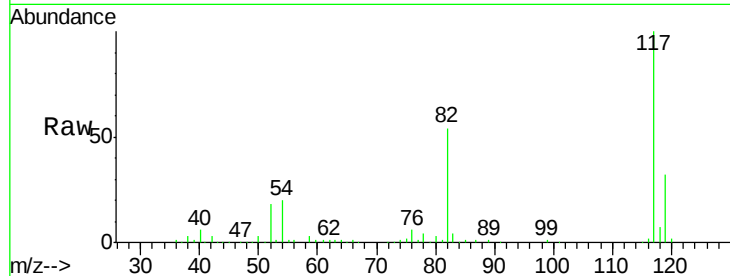
Tot Ion:117 Resp: 276830

Ion Ratio Lower Upper

117 100

82 54.1 44.5 66.7

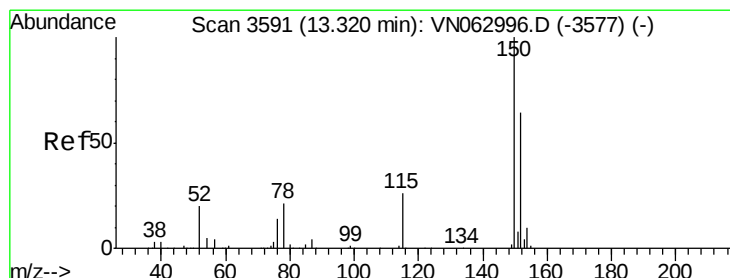
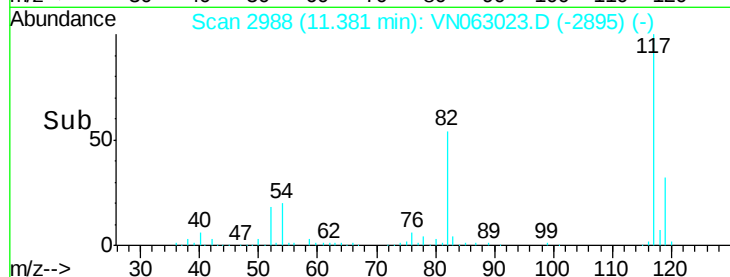
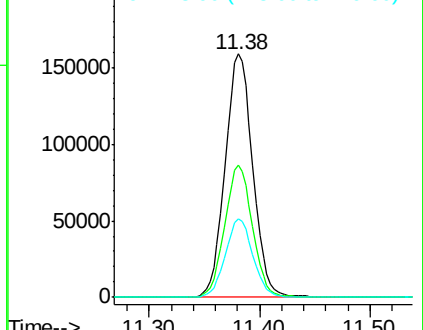
119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063023.D

Acq: 19 Aug 2020 19:35

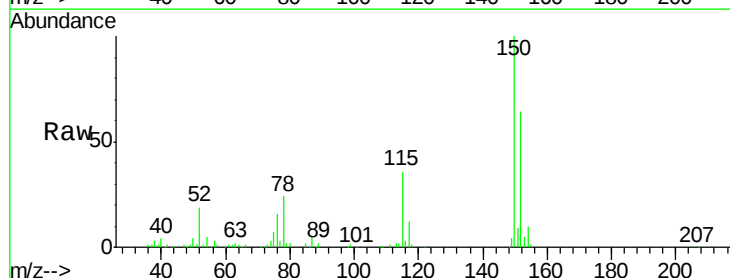
Tgt Ion:152 Resp: 102670

Ion Ratio Lower Upper

152 100

115 55.8 28.7 86.3

150 155.1 0.0 348.8



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

