

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062430.D
 Acq On : 9 Jul 2020 1:35
 Operator : JC/MD
 Sample : L3215-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Quant Time: Jul 09 03:27:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	180692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	325866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	306978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110253	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	144516	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
35) Dibromofluoromethane	7.55	113	105481	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
50) Toluene-d8	10.06	98	420102	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.38	95	148337	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	

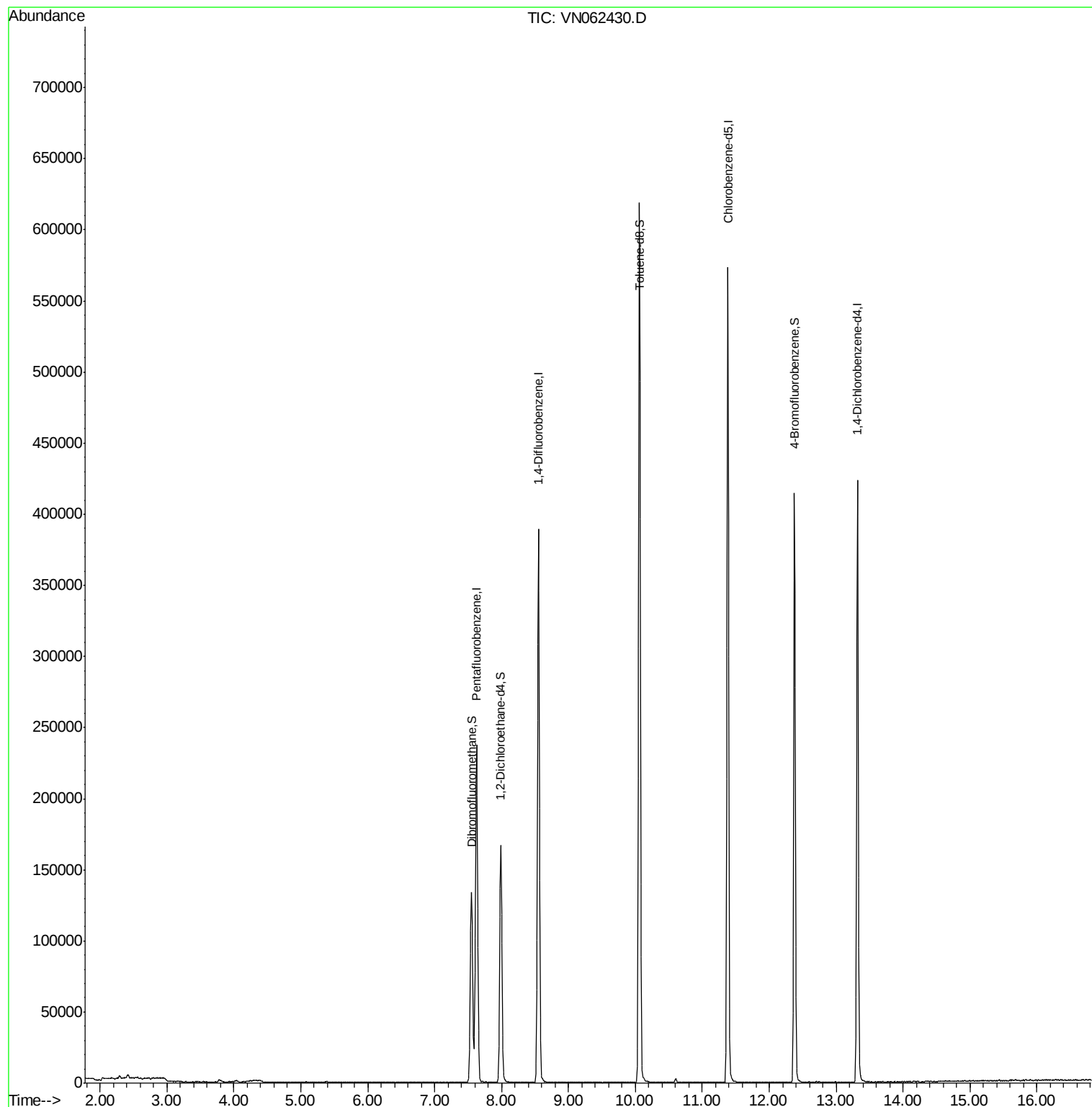
Target Compounds	Qvalue
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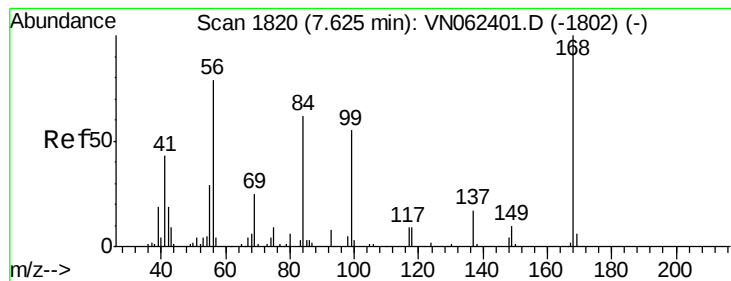
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 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: VN062430.D

Acq: 9 Jul 2020 1:35

Instrument :

MSVOA_N

ClientSampleId :

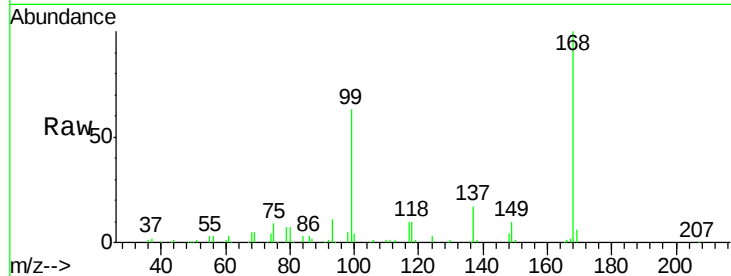
MW-7

Tot Ion:168 Resp: 180692

Ion Ratio Lower Upper

168 100

99 63.3 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

60000

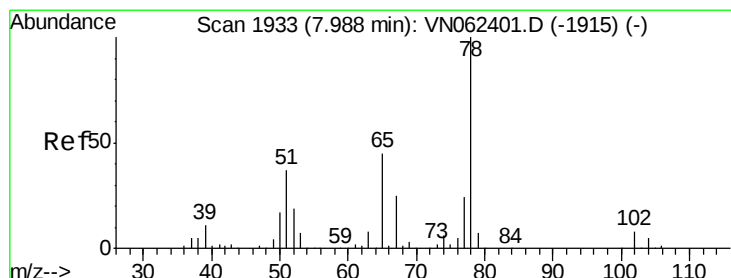
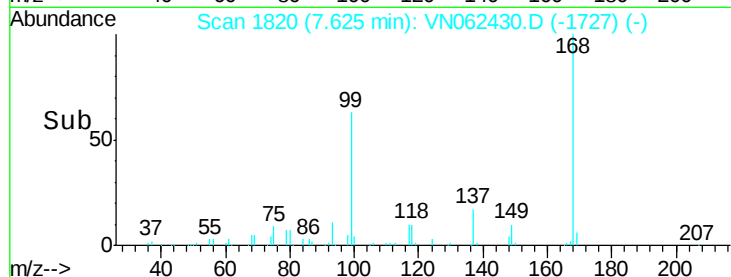
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.998 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062430.D

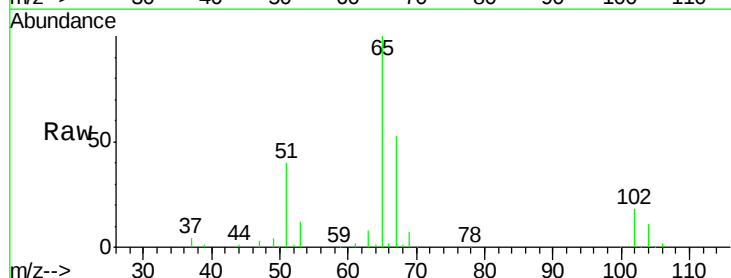
Acq: 9 Jul 2020 1:35

Tgt Ion: 65 Resp: 144516

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

60000

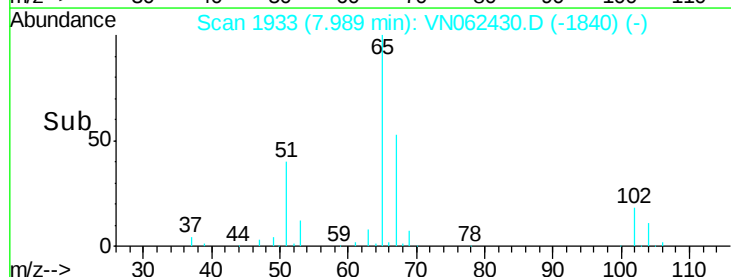
40000

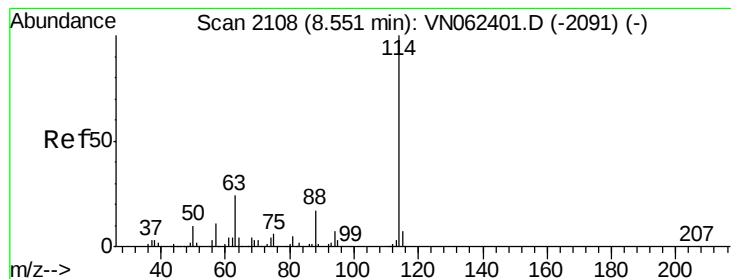
20000

0

7.90 7.95 8.00 8.05 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062430.D

Acq: 9 Jul 2020 1:35

Instrument :

MSVOA_N

ClientSampleId :

MW-7

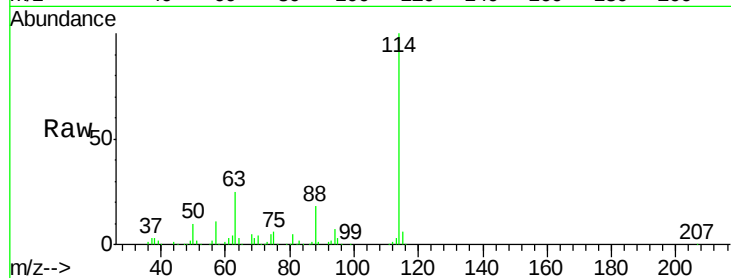
Tot Ion:114 Resp: 325866

Ion Ratio Lower Upper

114 100

63 24.9 0.0 48.4

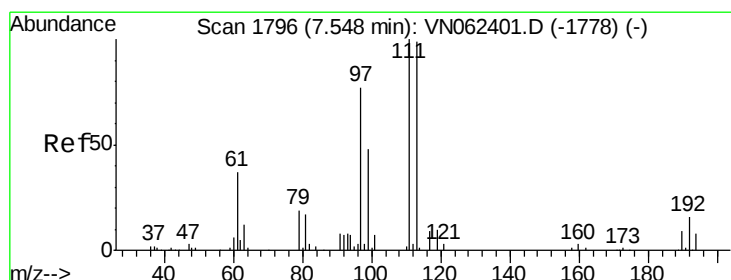
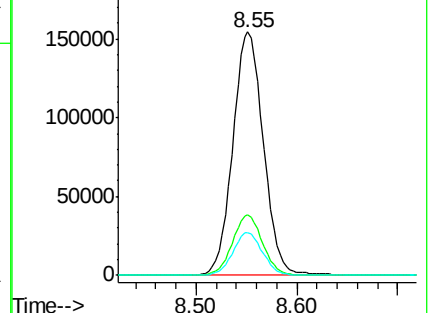
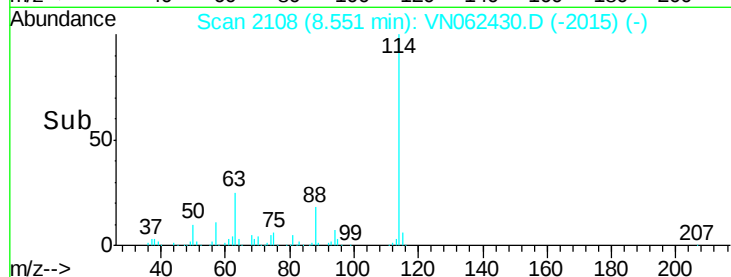
88 17.8 0.0 33.8



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: 52.366 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062430.D

Acq: 9 Jul 2020 1:35

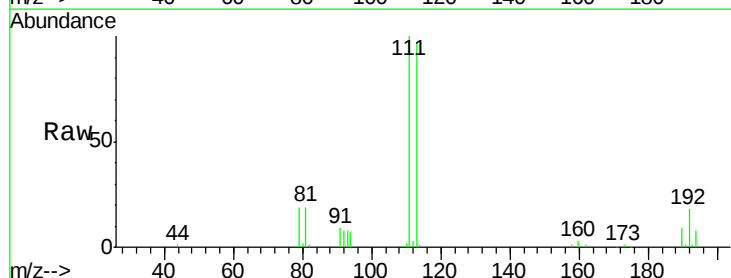
Tgt Ion:113 Resp: 105481

Ion Ratio Lower Upper

113 100

111 103.7 83.1 124.7

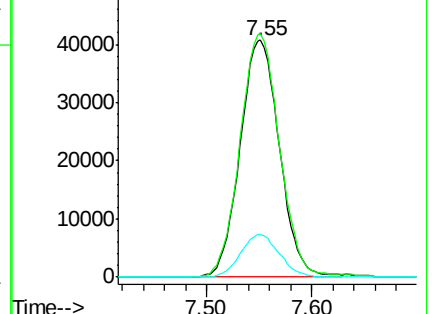
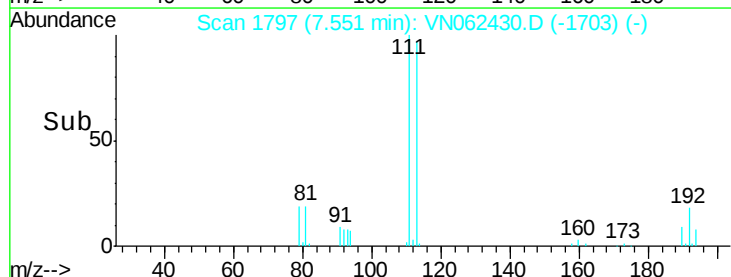
192 17.6 14.1 21.1

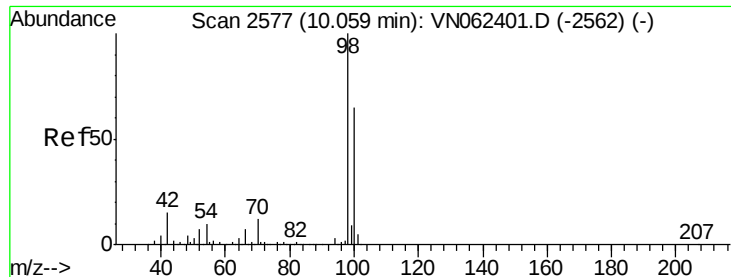


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.831 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062430.D

Acq: 9 Jul 2020 1:35

Instrument :

MSVOA_N

ClientSampled :

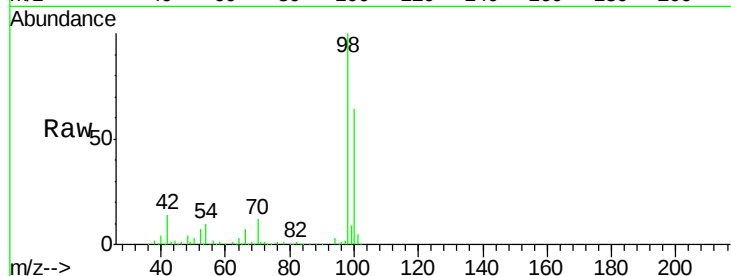
MW-7

Tot Ion: 98 Resp: 420102

Ion Ratio Lower Upper

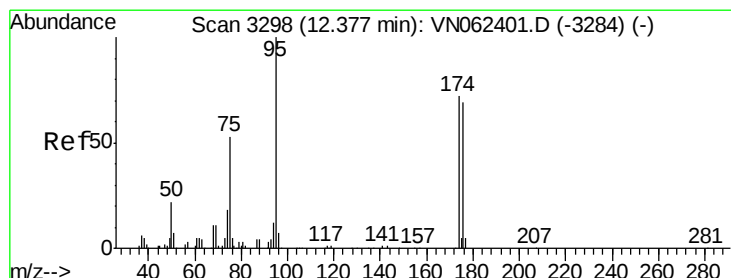
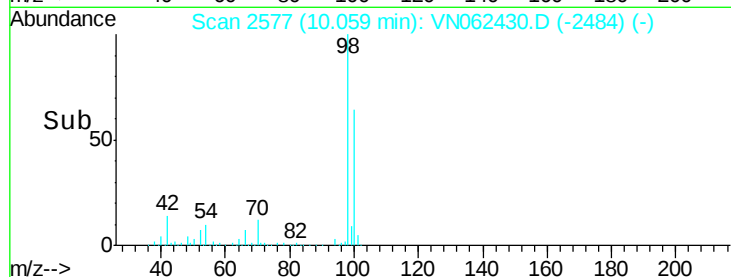
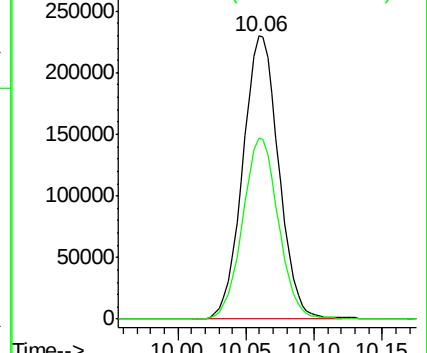
98 100

100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 51.048 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062430.D

Acq: 9 Jul 2020 1:35

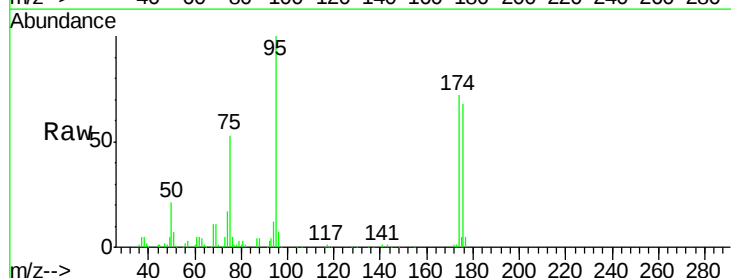
Tgt Ion: 95 Resp: 148337

Ion Ratio Lower Upper

95 100

174 72.1 0.0 141.6

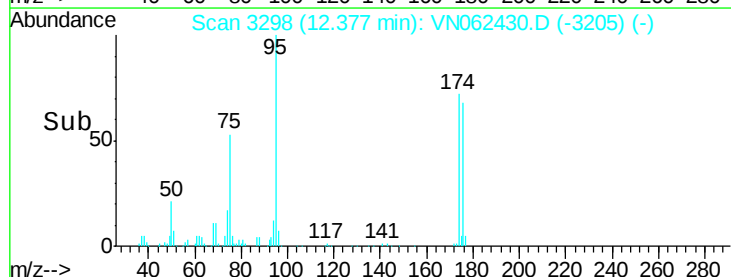
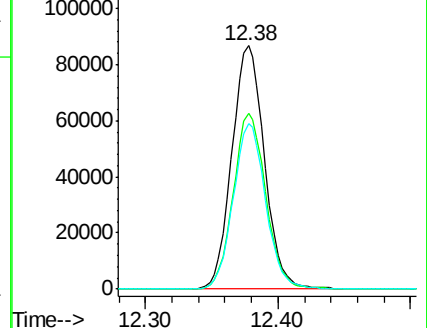
176 67.7 0.0 137.2

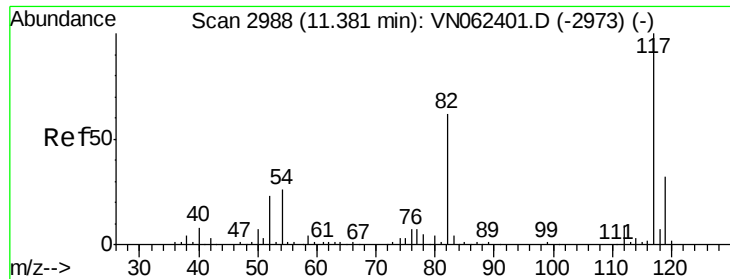


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: VN062430.D

Acq: 9 Jul 2020 1:35

Instrument :

MSVOA_N

ClientSampled :

MW-7

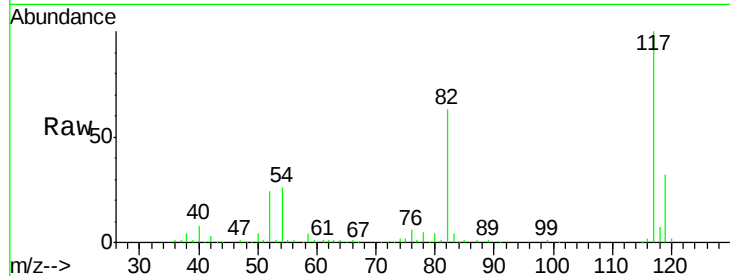
Tot Ion:117 Resp: 306978

Ion Ratio Lower Upper

117 100

82 62.6 49.6 74.4

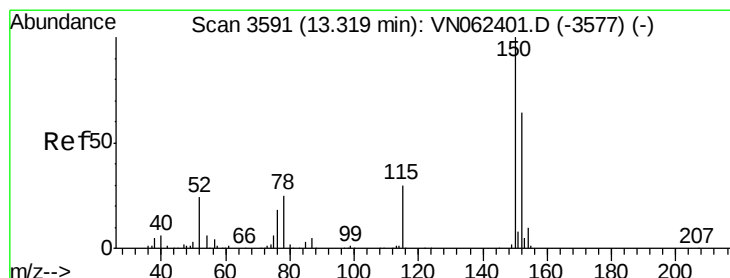
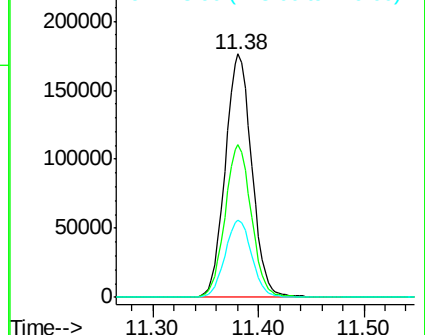
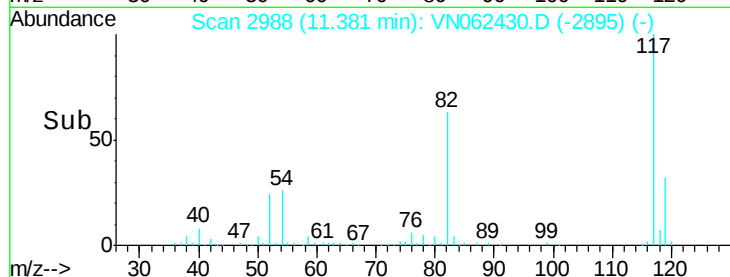
119 32.0 25.4 38.0



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# 3591

Delta R.T. 0.00 min

Lab File: VN062430.D

Acq: 9 Jul 2020 1:35

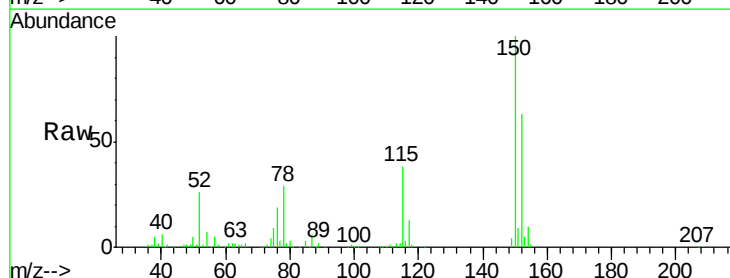
Tgt Ion:152 Resp: 110253

Ion Ratio Lower Upper

152 100

115 62.8 31.4 94.2

150 158.9 0.0 347.4



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

