

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062878.D
 Acq On : 13 Aug 2020 00:42
 Operator : JC/MD
 Sample : PB130908TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130908TB

Quant Time: Aug 13 07:13:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

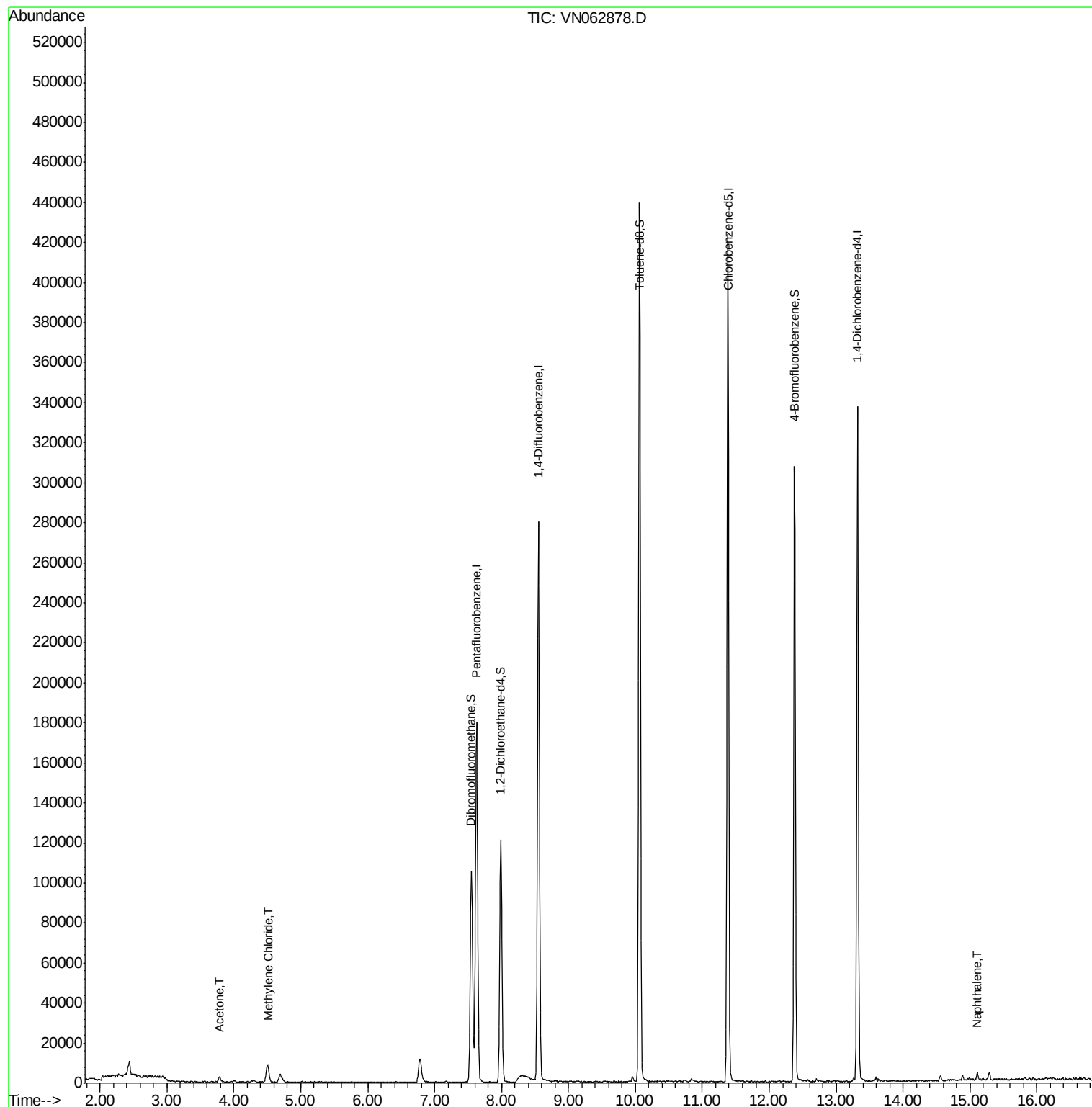
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	137316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	236969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	237904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	112125	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
35) Dibromofluoromethane	7.55	113	82400	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.06	98	304940	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.38	95	110097	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
Target Compounds						
16) Acetone	3.78	43	4290	5.228	ug/l #	88
20) Methylene Chloride	4.50	84	7079	4.015	ug/l	91
95) Naphthalene	15.11	128	4182	4.662	ug/l #	95

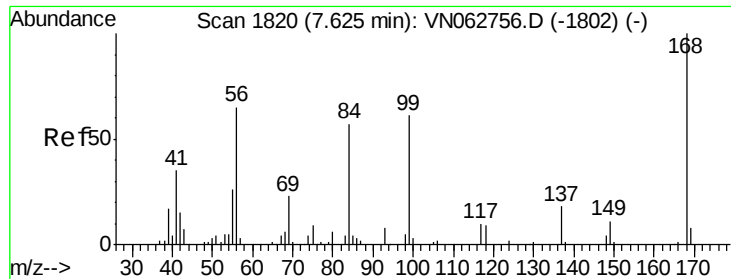
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 13 07:13:44 2020
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 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: VN062878.D

Acq: 13 Aug 2020 00:42

Instrument :

MSVOA_N

ClientSampleId :

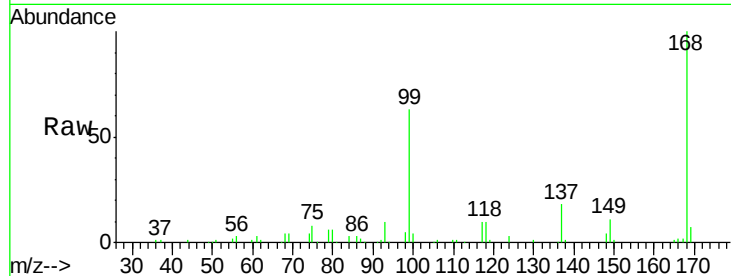
PB130908TB

Tot Ion:168 Resp: 137316

Ion Ratio Lower Upper

168 100

99 63.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): VN062878.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062878.D (-1727) (-)

7.63

60000

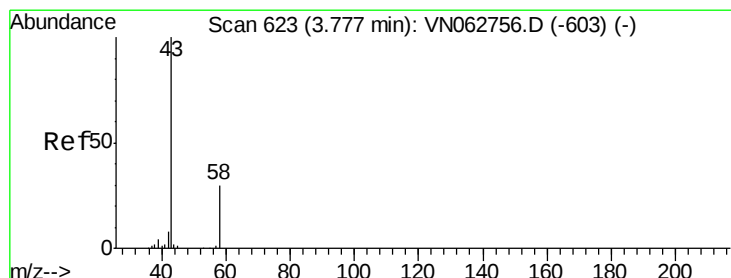
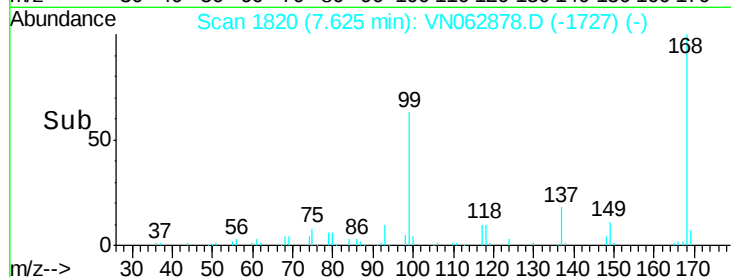
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 5.228 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062878.D

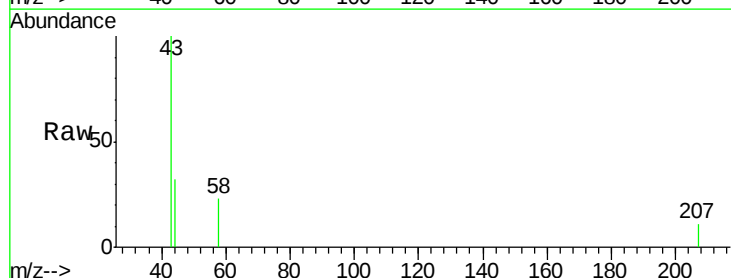
Acq: 13 Aug 2020 00:42

Tgt Ion: 43 Resp: 4290

Ion Ratio Lower Upper

43 100

58 23.5 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VN062878.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN062878.D (-530) (-)

3.78

2000

1500

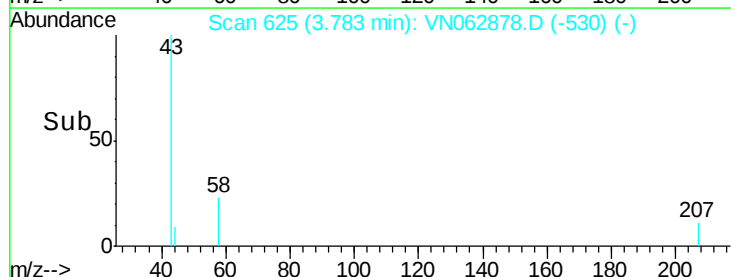
1000

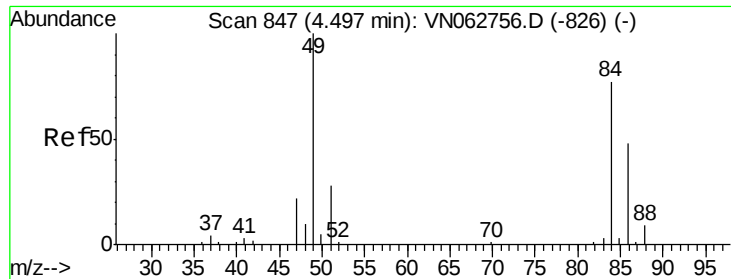
500

0

3.70 3.75 3.80 3.85

Time-->

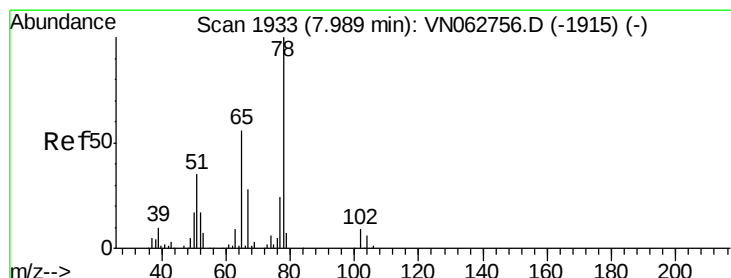
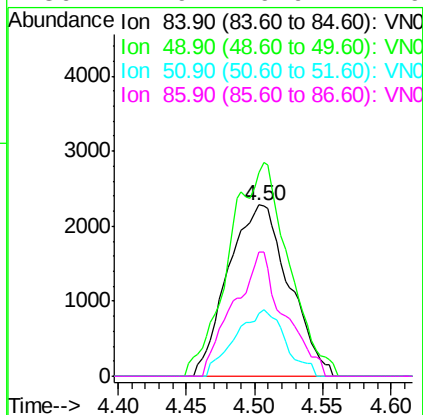
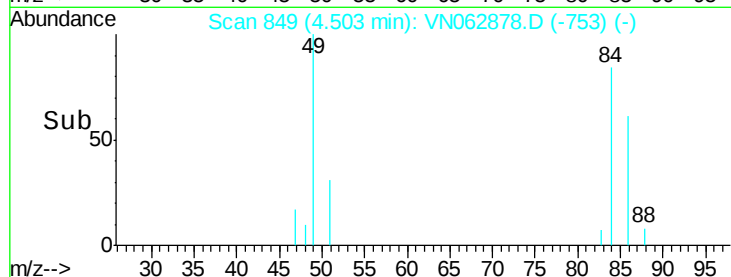
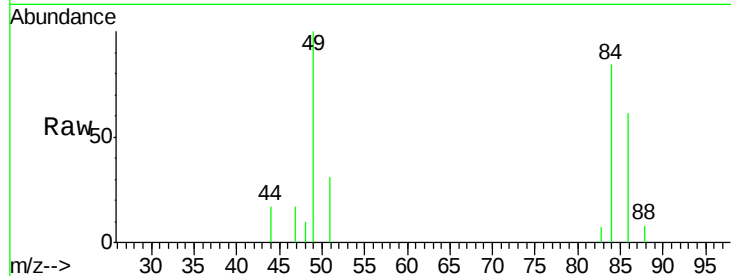




#20
Methylene Chloride
Concen: 4.015 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.01 min
Lab File: VN062878.D
Acq: 13 Aug 2020 00:42

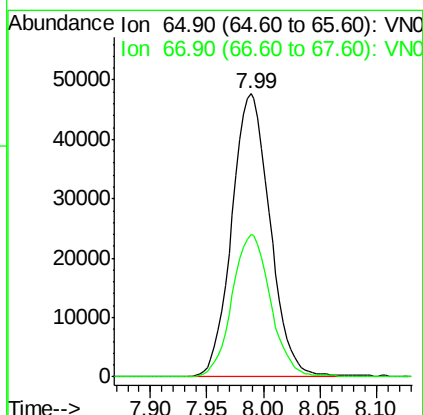
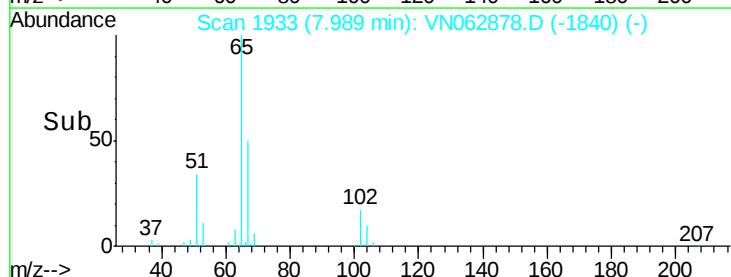
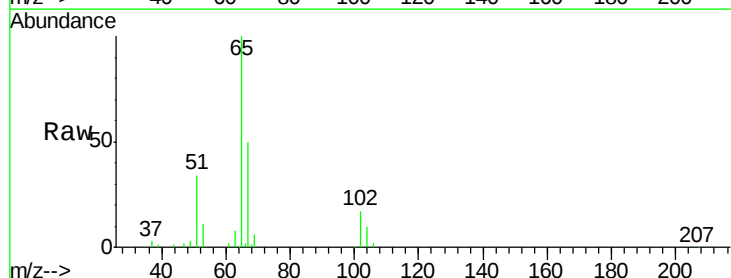
Instrument :
MSVOA_N
ClientSampled :
PB130908TB

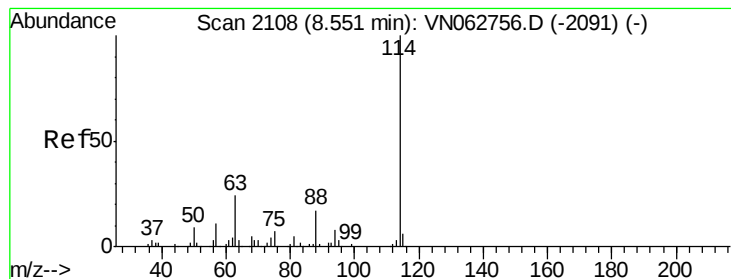
Tot Ion: 84	Resp: 7079
Ion Ratio	Lower Upper
84 100	
49 119.0	103.4 155.2
51 36.8	29.3 43.9
86 72.9	49.9 74.9



#33
1,2-Dichloroethane-d4
Concen: 49.377 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062878.D
Acq: 13 Aug 2020 00:42

Tgt Ion: 65	Resp: 112125
Ion Ratio	Lower Upper
65 100	
67 50.3	0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062878.D

Acq: 13 Aug 2020 00:42

Instrument :

MSVOA_N

ClientSampleId :

PB130908TB

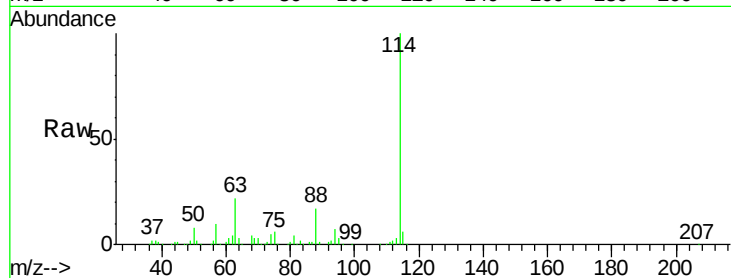
Tot Ion:114 Resp: 236969

Ion Ratio Lower Upper

114 100

63 22.0 0.0 47.6

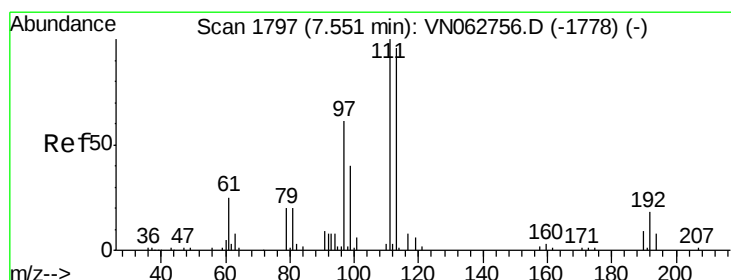
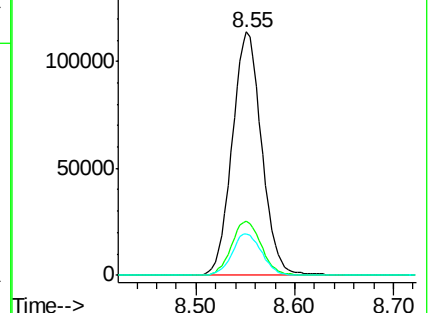
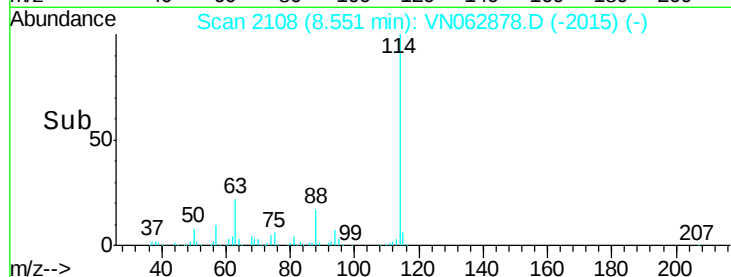
88 17.2 0.0 34.4



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: 50.833 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062878.D

Acq: 13 Aug 2020 00:42

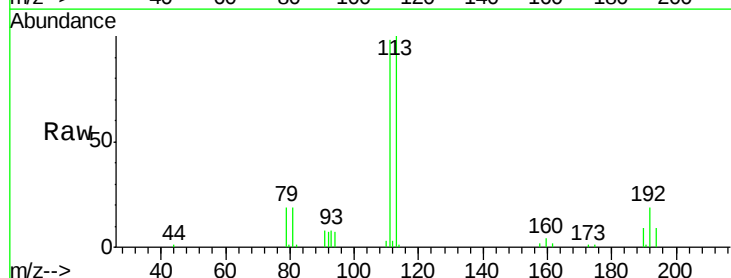
Tgt Ion:113 Resp: 82400

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.6

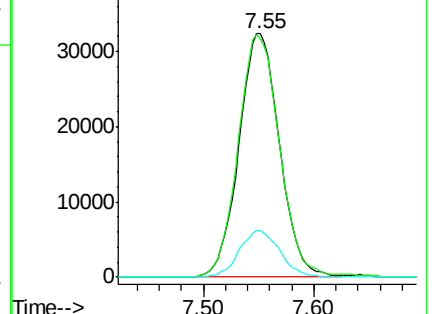
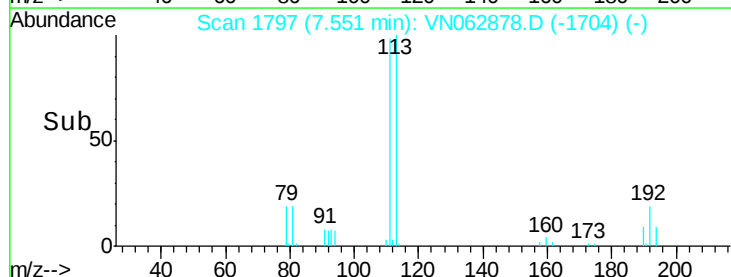
192 19.1 15.0 22.4

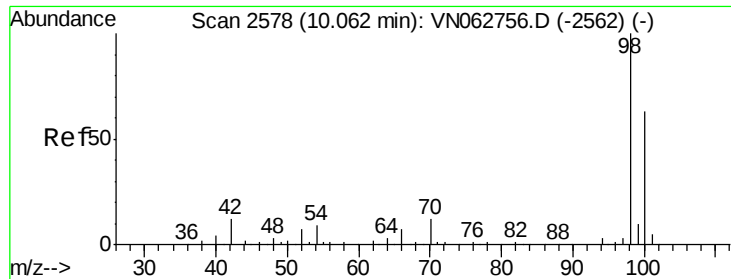


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.185 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN062878.D

Acq: 13 Aug 2020 00:42

Instrument :

MSVOA_N

ClientSampled :

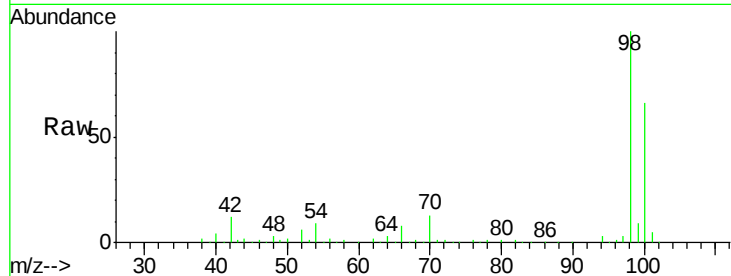
PB130908TB

Tot Ion: 98 Resp: 304940

Ion Ratio Lower Upper

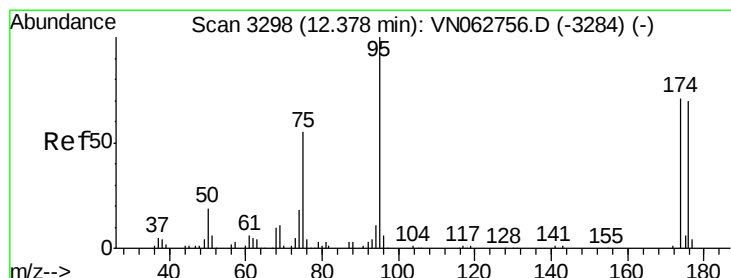
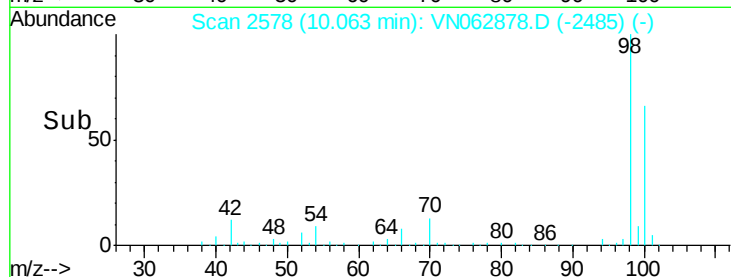
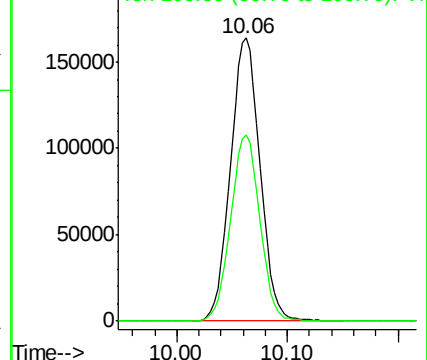
98 100

100 64.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 46.036 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062878.D

Acq: 13 Aug 2020 00:42

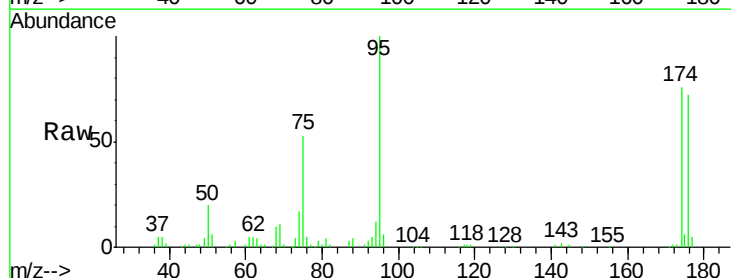
Tgt Ion: 95 Resp: 110097

Ion Ratio Lower Upper

95 100

174 75.5 0.0 144.8

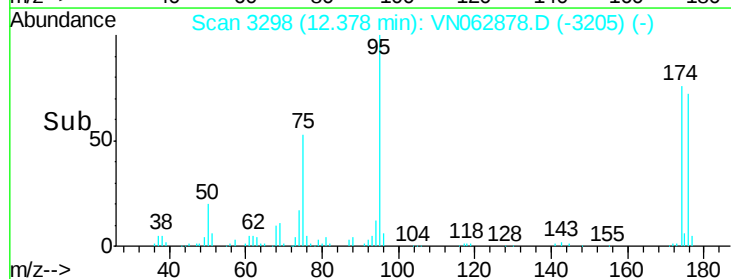
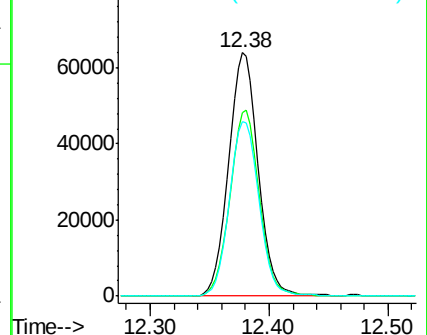
176 72.2 0.0 142.2

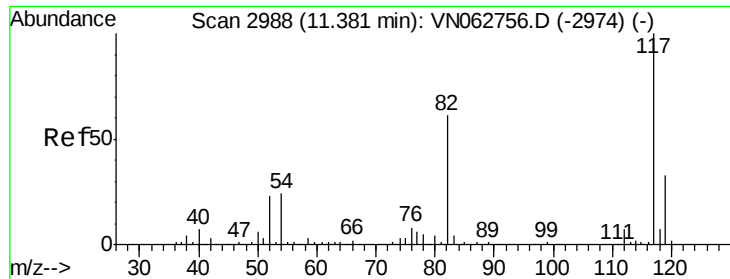


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: VN062878.D

Acq: 13 Aug 2020 00:42

Instrument :

MSVOA_N

ClientSampleId :

PB130908TB

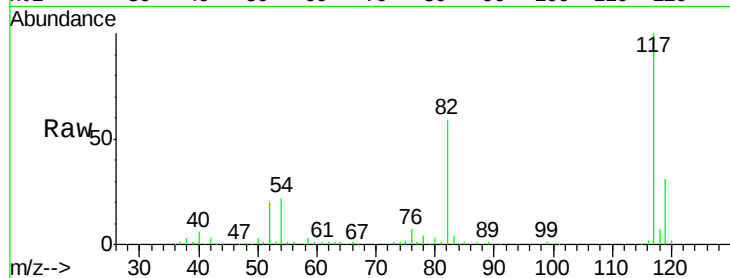
Tot Ion:117 Resp: 237904

Ion Ratio Lower Upper

117 100

82 59.2 49.0 73.4

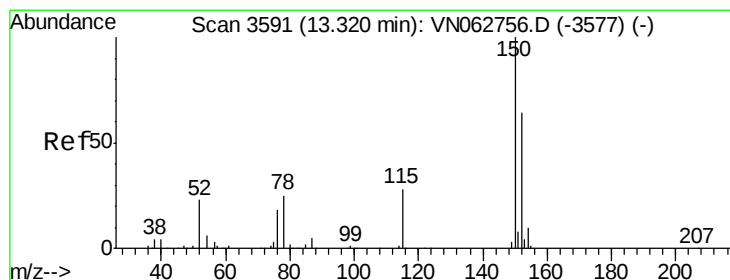
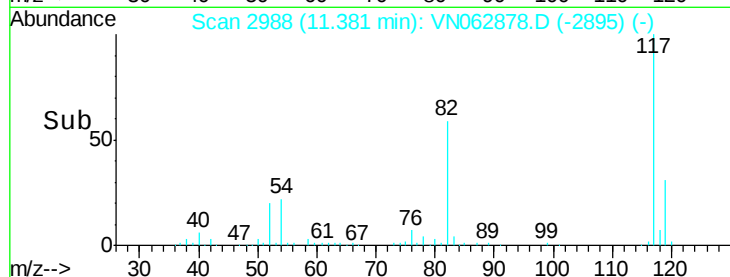
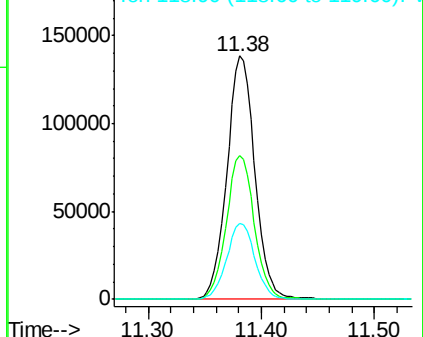
119 31.3 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN062878.D

Acq: 13 Aug 2020 00:42

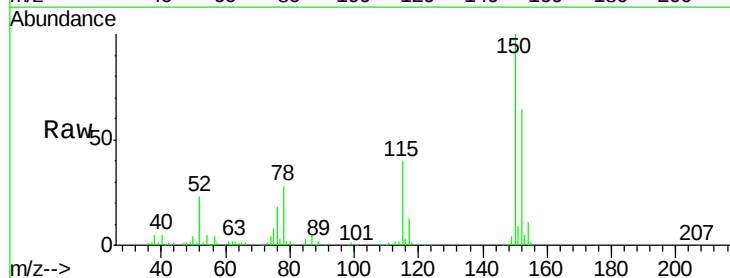
Tgt Ion:152 Resp: 88333

Ion Ratio Lower Upper

152 100

115 63.4 31.6 94.8

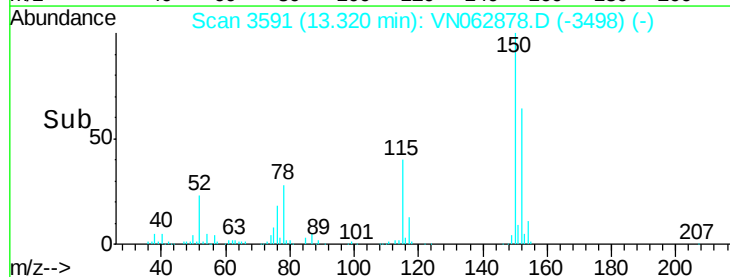
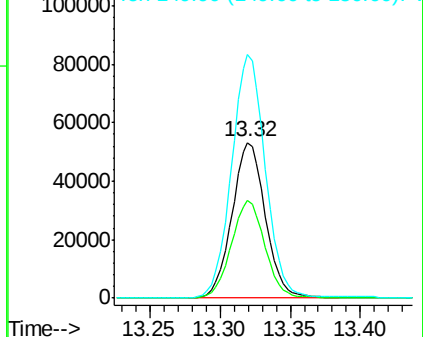
150 157.4 0.0 349.2

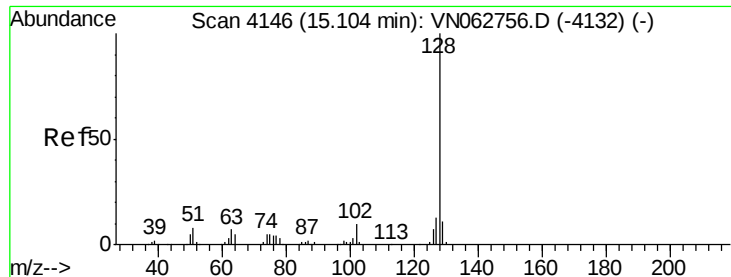


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

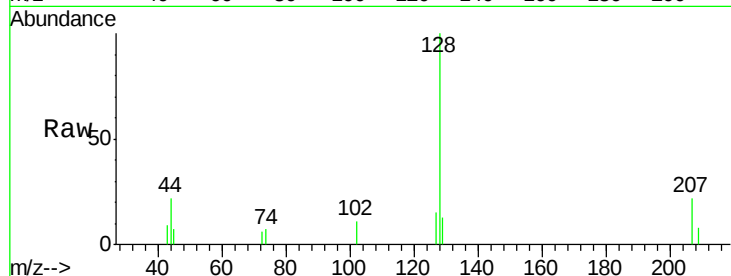




#95
Naphthalene
Concen: 4.662 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062878.D
Acq: 13 Aug 2020 00:42

Instrument :
MSVOA_N
ClientSampleId :
PB130908TB

Tot Ion:128 Resp: 4182
Ion Ratio Lower Upper
128 100
127 12.2 10.8 16.2
129 8.2 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

