

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062826.D
 Acq On : 11 Aug 2020 13:28
 Operator : JC/MD
 Sample : PB130875TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130875TB

Quant Time: Aug 11 15:03:14 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

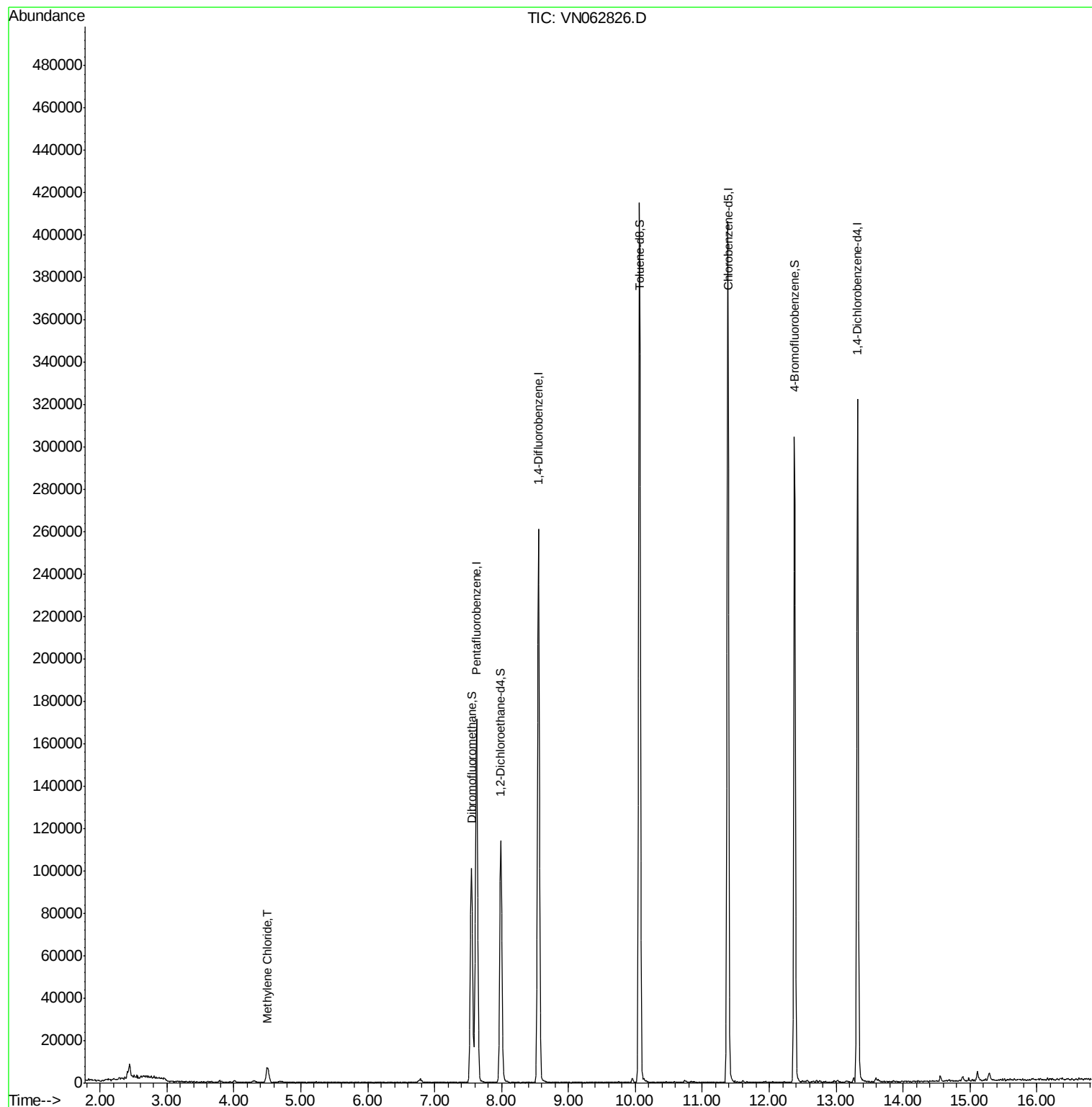
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	130620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	226646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	226814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	107035	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
35) Dibromofluoromethane	7.55	113	76408	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	10.06	98	288623	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	12.38	95	108931	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
Target Compounds						
20) Methylene Chloride	4.50	84	5648	3.243	ug/l	Qvalue 97

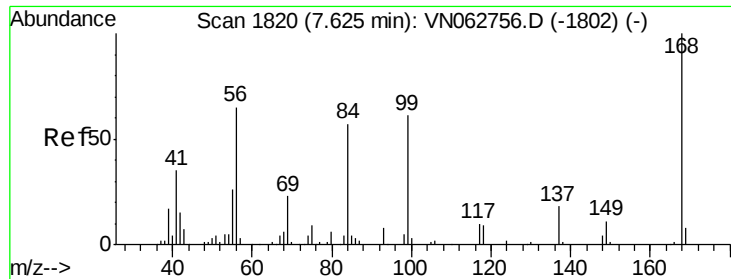
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 13:26:42 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062826.D

Acq: 11 Aug 2020 13:28

Instrument :

MSVOA_N

ClientSampled :

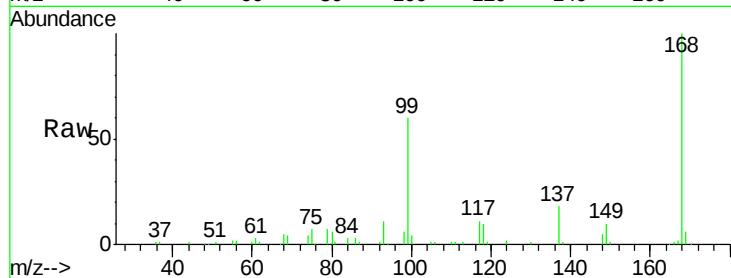
PB130875TB

Tot Ion:168 Resp: 130620

Ion Ratio Lower Upper

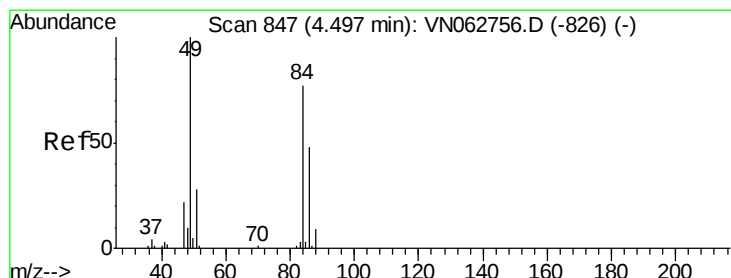
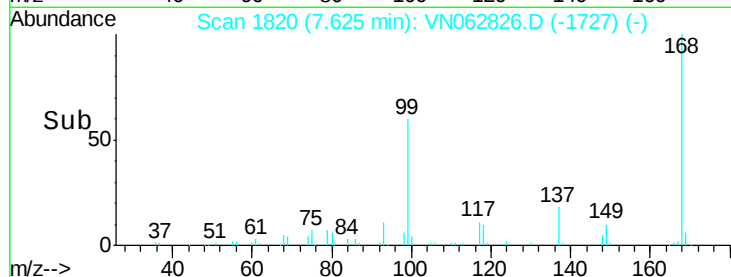
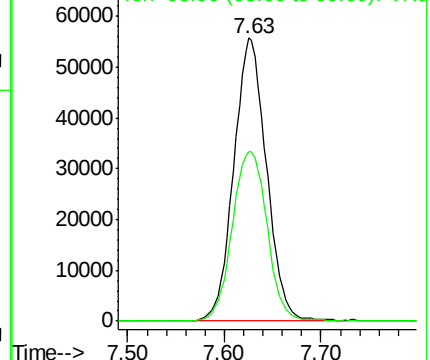
168 100

99 59.9 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 3.243 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN062826.D

Acq: 11 Aug 2020 13:28

Tgt Ion: 84 Resp: 5648

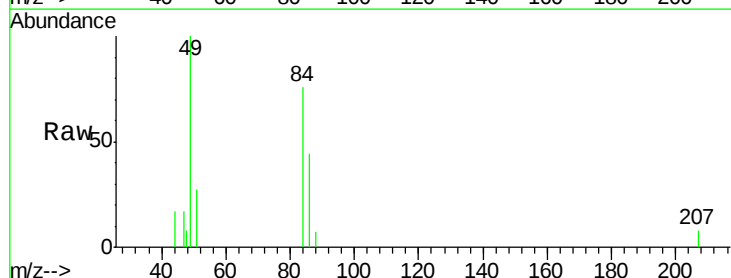
Ion Ratio Lower Upper

84 100

49 132.4 103.4 155.2

51 35.5 29.3 43.9

86 58.4 49.9 74.9

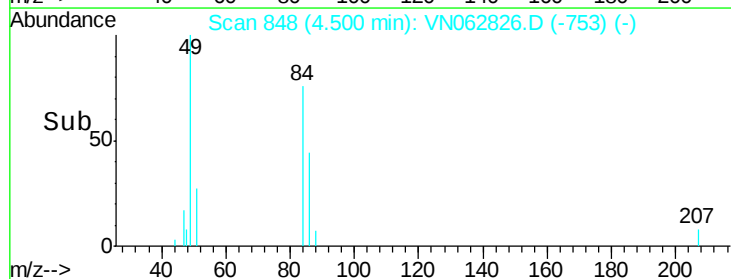
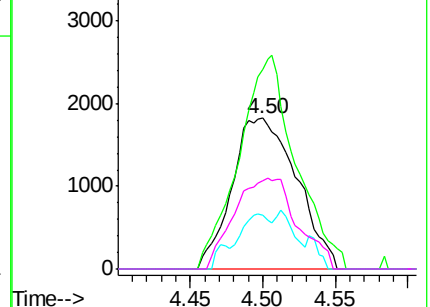


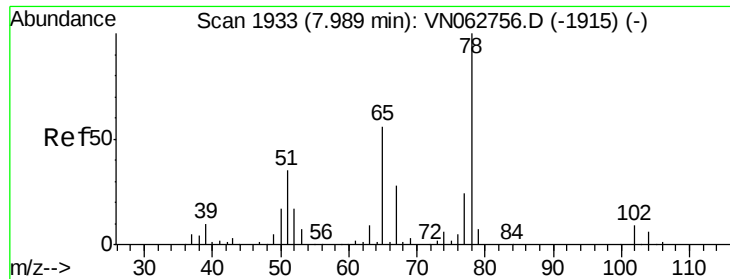
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

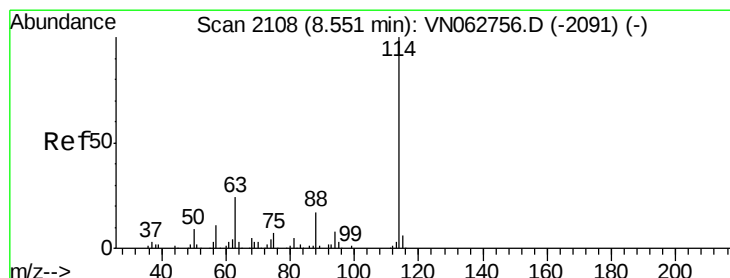
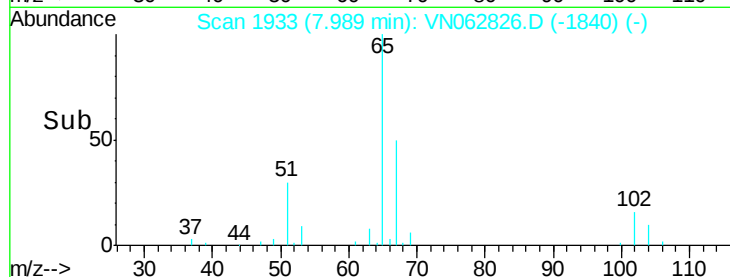
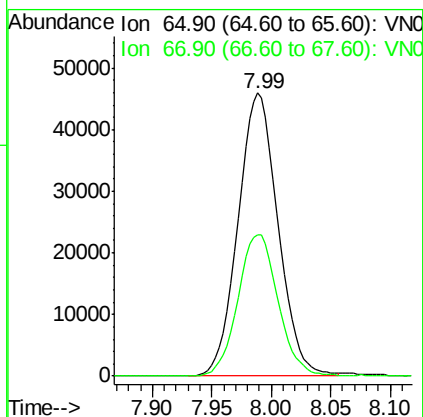
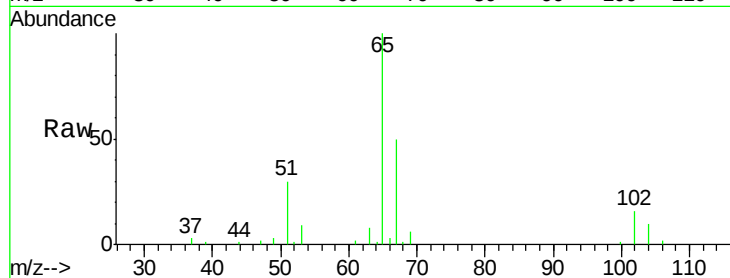




#33
 1,2-Dichloroethane-d4
 Concen: 49.552 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062826.D
 Acq: 11 Aug 2020 13:28

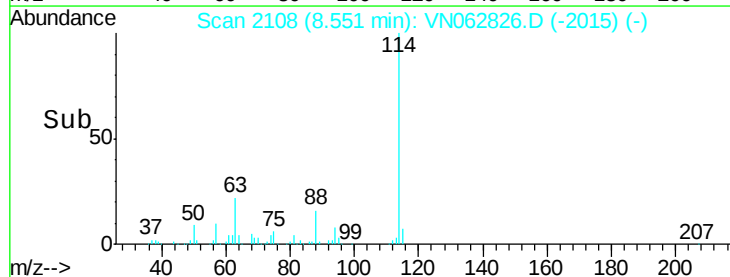
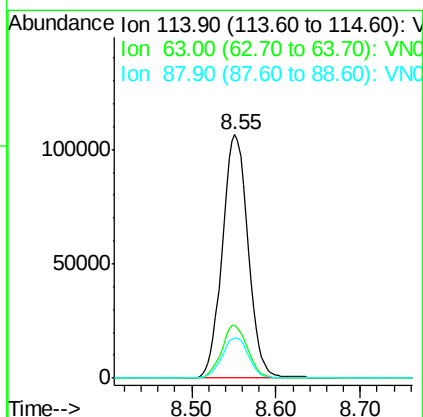
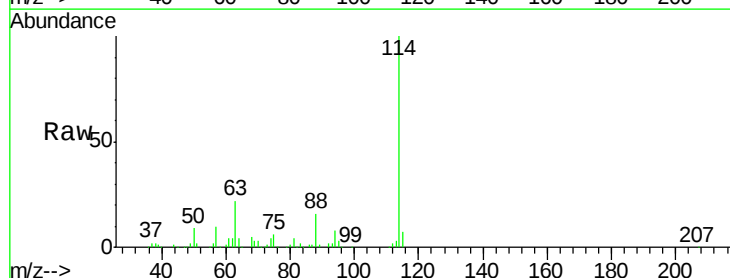
Instrument :
 MSVOA_N
 ClientSampled :
 PB130875TB

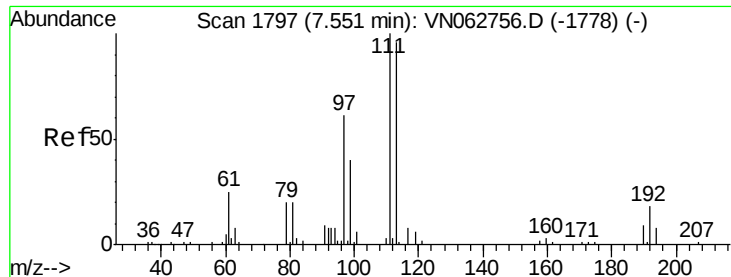
Tot Ion: 65 Resp: 107035
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062826.D
 Acq: 11 Aug 2020 13:28

Tgt Ion: 114 Resp: 226646
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 47.6
 88 16.5 0.0 34.4





#35

Dibromofluoromethane

Concen: 49.283 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN062826.D

Acq: 11 Aug 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

PB130875TB

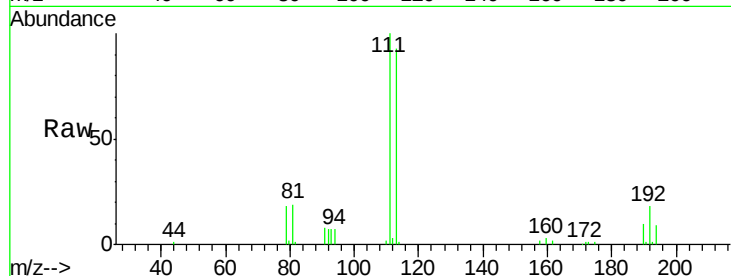
Tot Ion:113 Resp: 76408

Ion Ratio Lower Upper

113 100

111 105.4 81.8 122.6

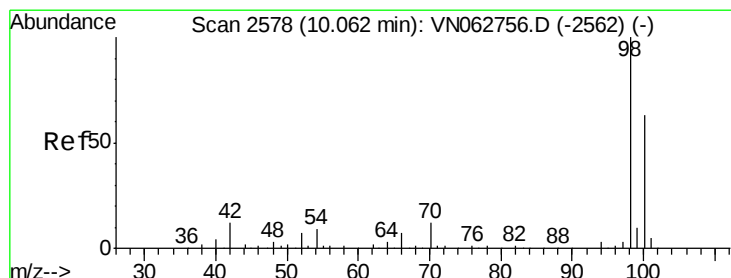
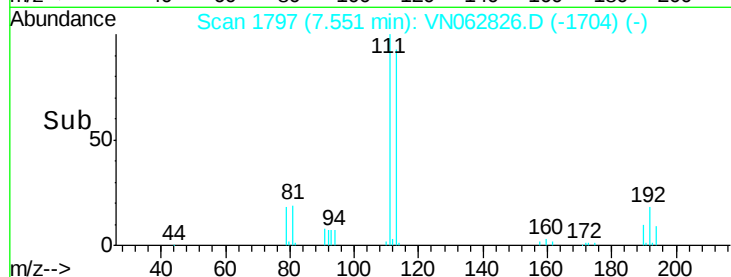
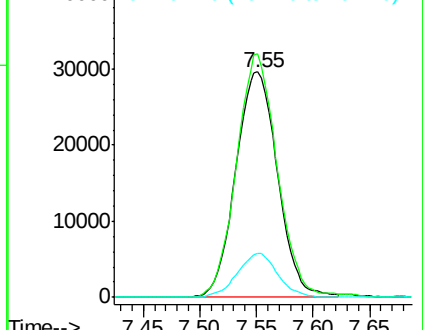
192 18.8 15.0 22.4



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: 47.684 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062826.D

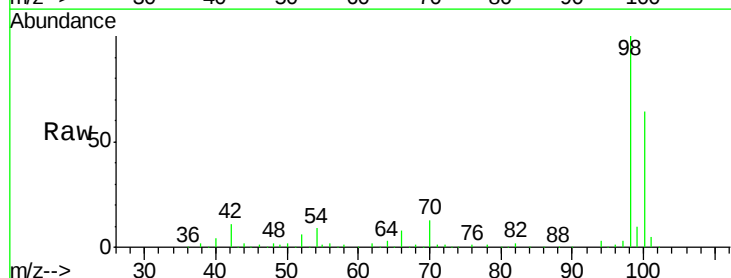
Acq: 11 Aug 2020 13:28

Tgt Ion: 98 Resp: 288623

Ion Ratio Lower Upper

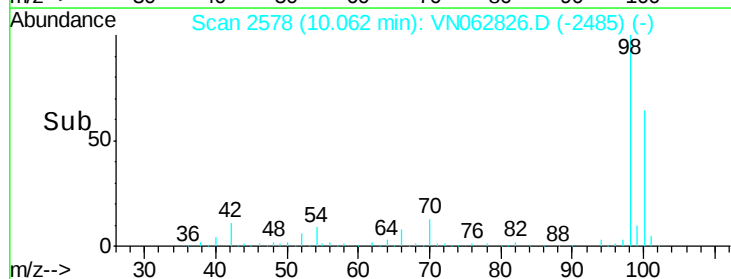
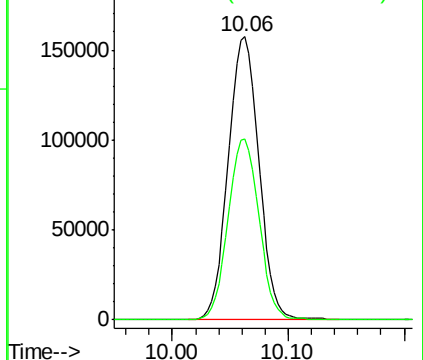
98 100

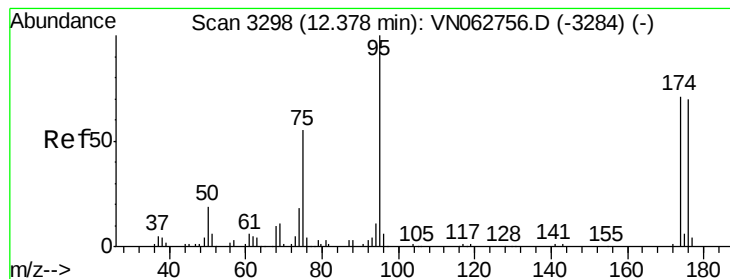
100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 47.623 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062826.D

Acq: 11 Aug 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

PB130875TB

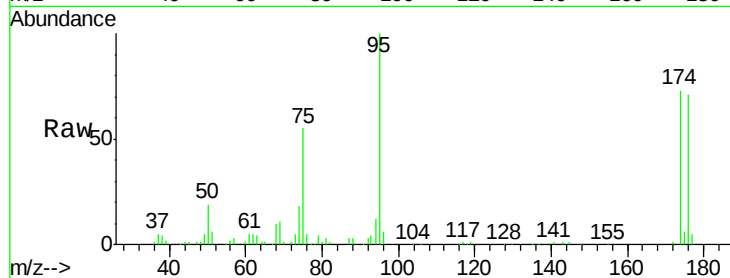
Tot Ion: 95 Resp: 108931

Ion Ratio Lower Upper

95 100

174 72.2 0.0 144.8

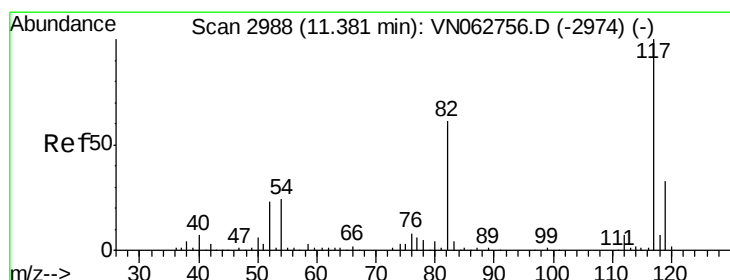
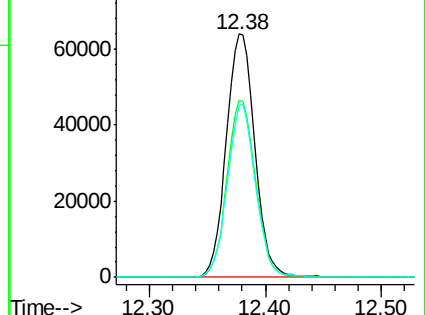
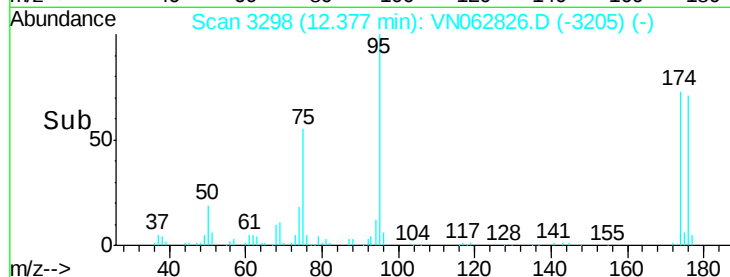
176 69.8 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062826.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062826.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062826.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062826.D

Acq: 11 Aug 2020 13:28

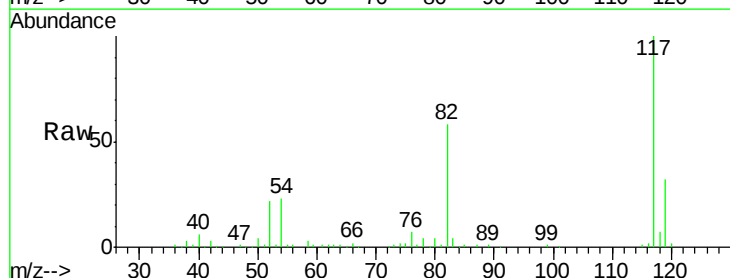
Tgt Ion: 117 Resp: 226814

Ion Ratio Lower Upper

117 100

82 58.2 49.0 73.4

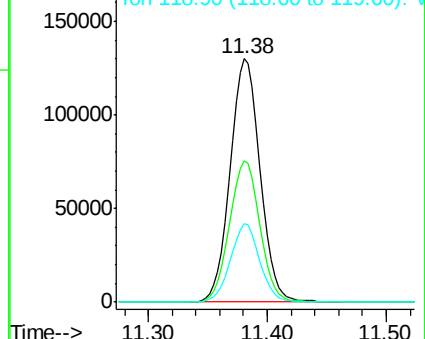
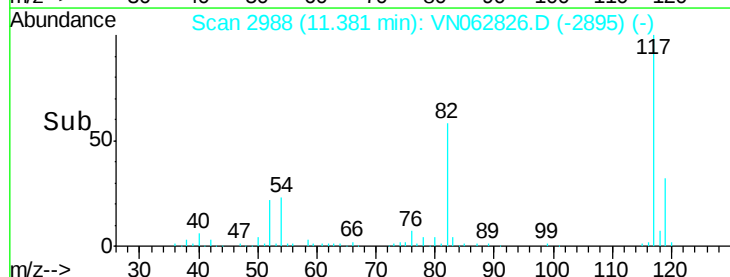
119 32.2 26.2 39.2

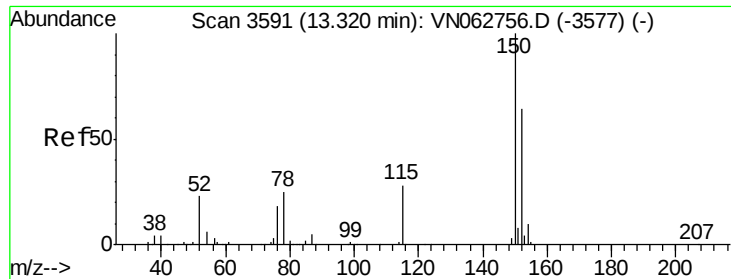


Abundance Ion 116.90 (116.60 to 117.60): VN062826.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062826.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062826.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062826.D

Acq: 11 Aug 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

PB130875TB

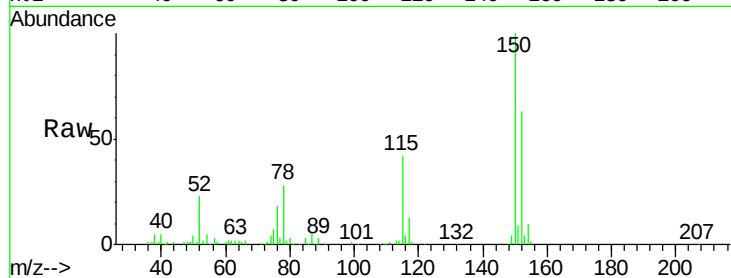
Tot Ion:152 Resp: 84700

Ion Ratio Lower Upper

152 100

115 64.5 31.6 94.8

150 156.6 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

