

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081120\
 Data File : VN062832.D
 Acq On : 11 Aug 2020 15:54
 Operator : JC/MD
 Sample : PB130875ZHE#17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130875ZHE#17

Quant Time: Aug 11 21:32:04 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

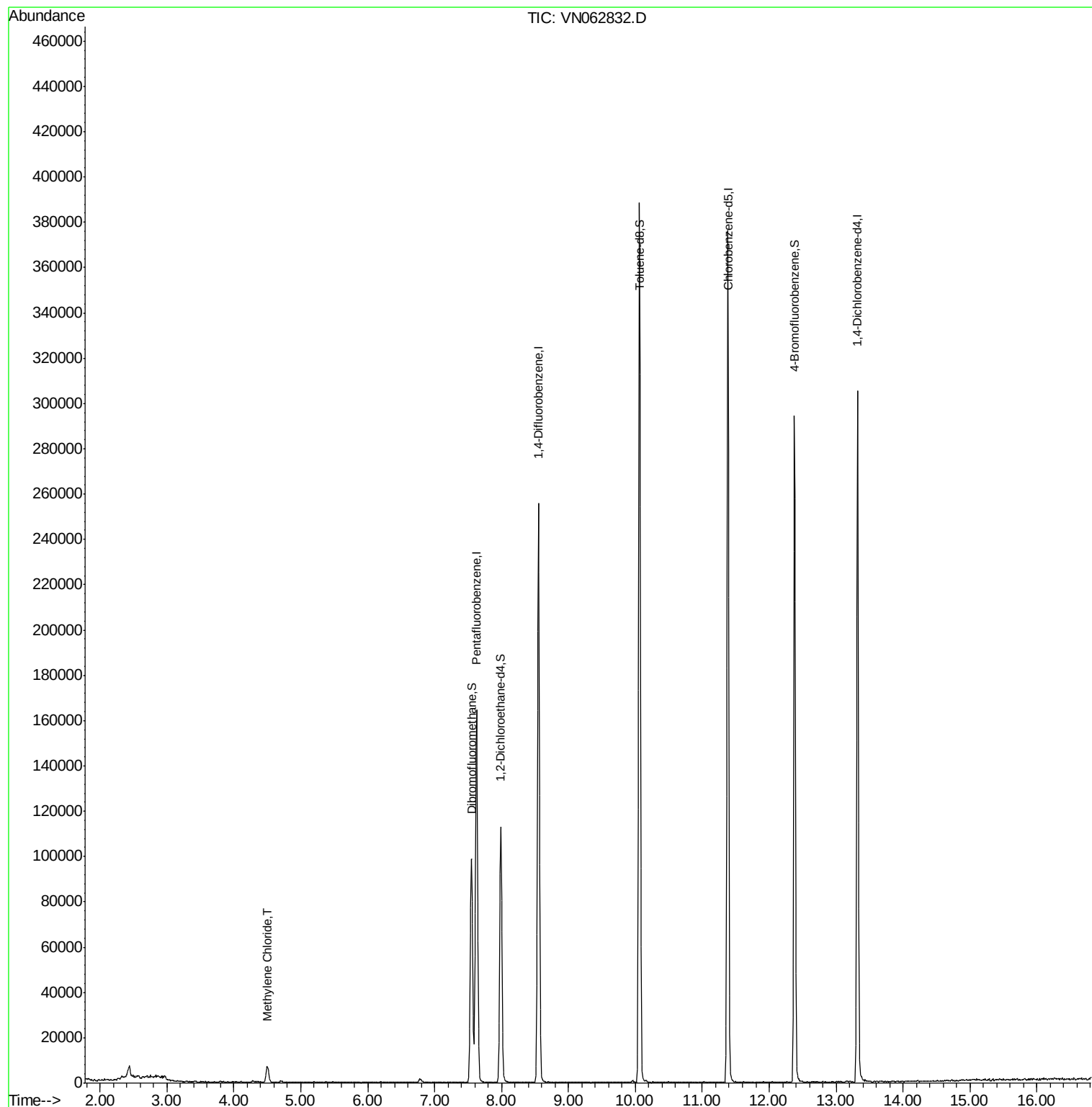
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	123789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	216965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	208676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	107736	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
35) Dibromofluoromethane	7.55	113	76263	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	10.06	98	266578	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
62) 4-Bromofluorobenzene	12.38	95	104073	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
Target Compounds						
20) Methylene Chloride	4.49	84	5500	3.354	ug/l #	Qvalue 90

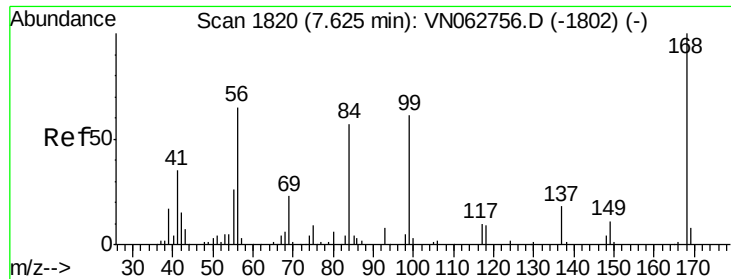
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081120\
Data File : VN062832.D
Acq On : 11 Aug 2020 15:54
Operator : JC/MD
Sample : PB130875ZHE#17
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB130875ZHE#17

Quant Time: Aug 11 21:32:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
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: VN062832.D

Acq: 11 Aug 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

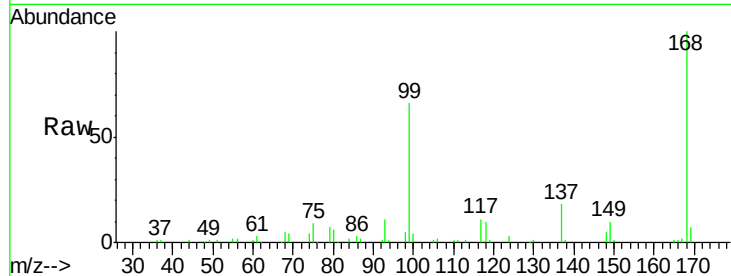
PB130875ZHE#17

Tot Ion:168 Resp: 123789

Ion Ratio Lower Upper

168 100

99 65.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

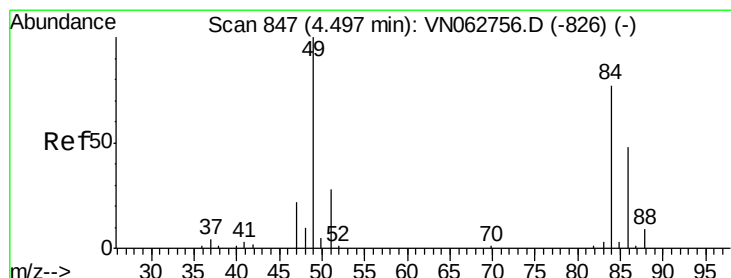
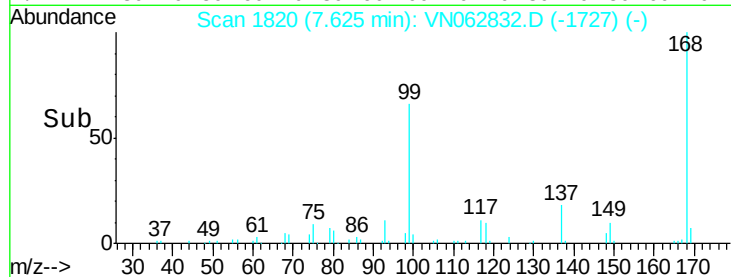
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 3.354 ug/l

RT: 4.49 min Scan# 846

Delta R.T. -0.00 min

Lab File: VN062832.D

Acq: 11 Aug 2020 15:54

Tgt Ion: 84 Resp: 5500

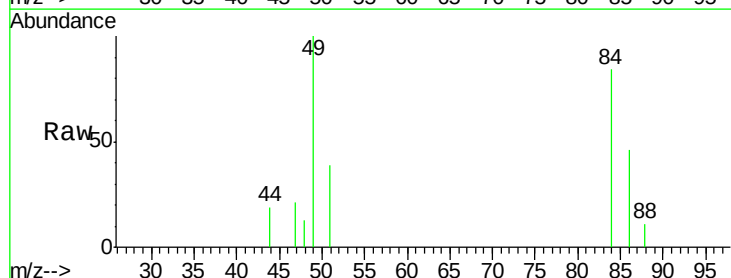
Ion Ratio Lower Upper

84 100

49 119.1 103.4 155.2

51 45.8 29.3 43.9#

86 55.3 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

4.49

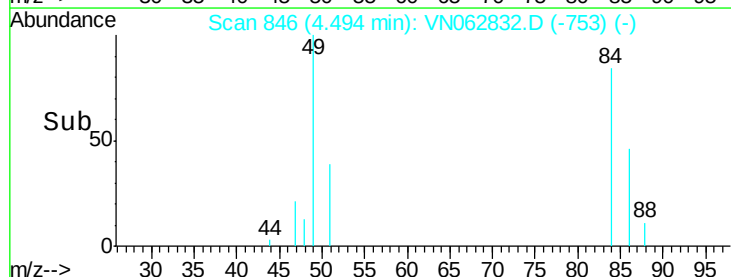
3000

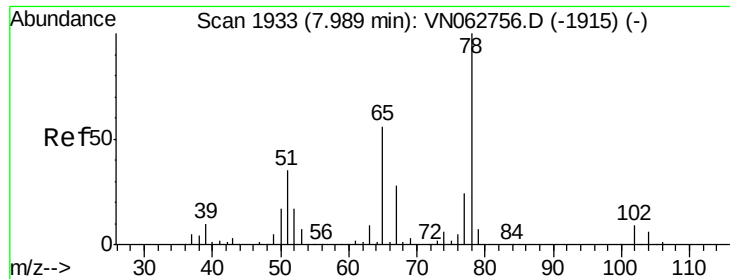
2000

1000

0

Time--> 4.45 4.50 4.55

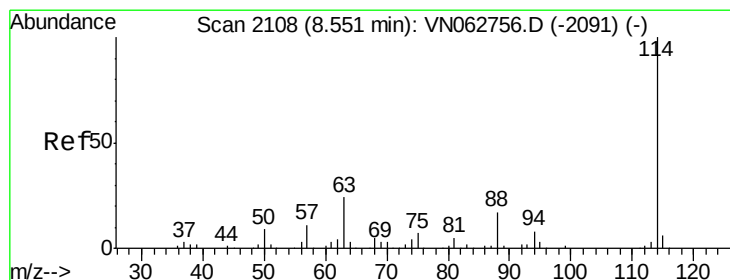
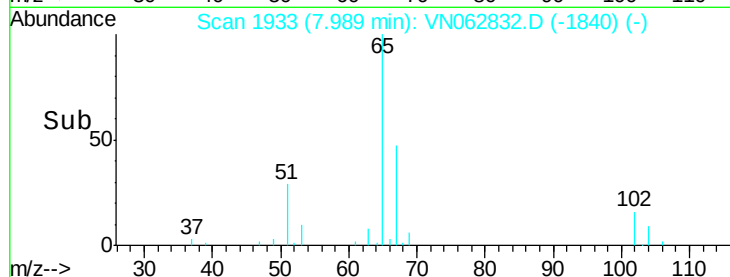
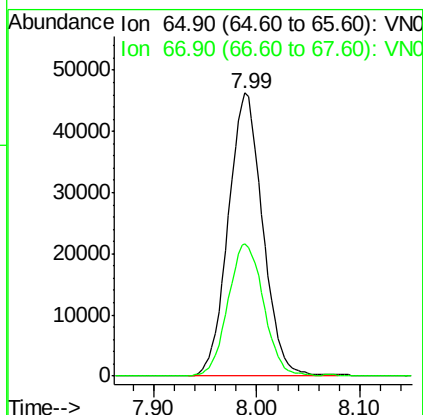
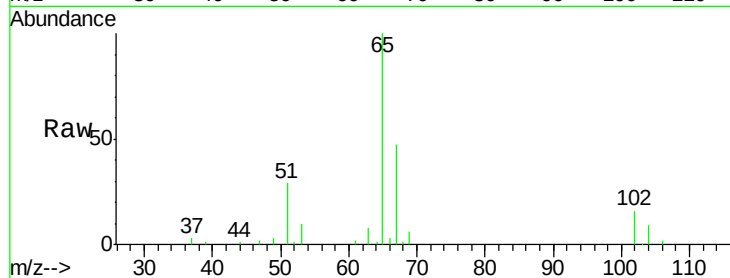




#33
 1,2-Dichloroethane-d4
 Concen: 52.629 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062832.D
 Acq: 11 Aug 2020 15:54

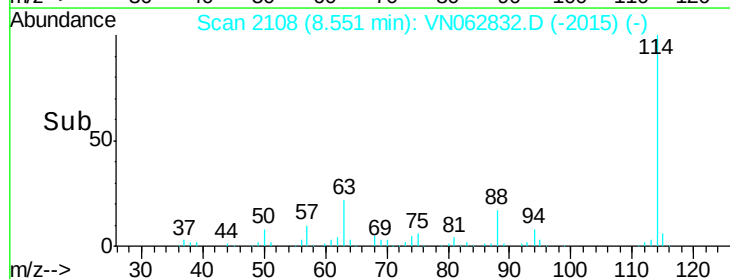
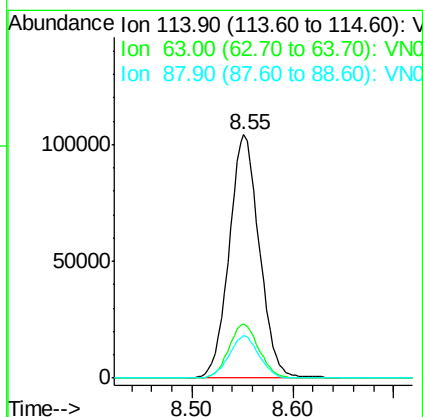
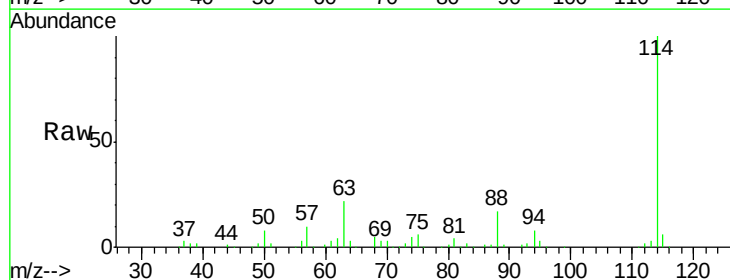
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130875ZHE#17

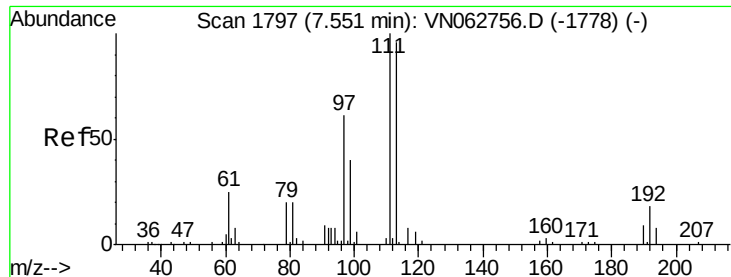
Tot Ion: 65 Resp: 107736
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062832.D
 Acq: 11 Aug 2020 15:54

Tgt Ion: 114 Resp: 216965
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 47.6
 88 17.4 0.0 34.4

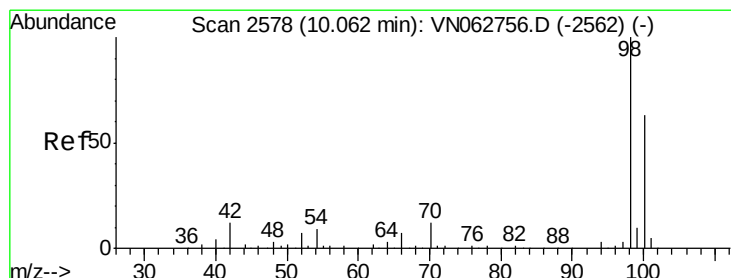
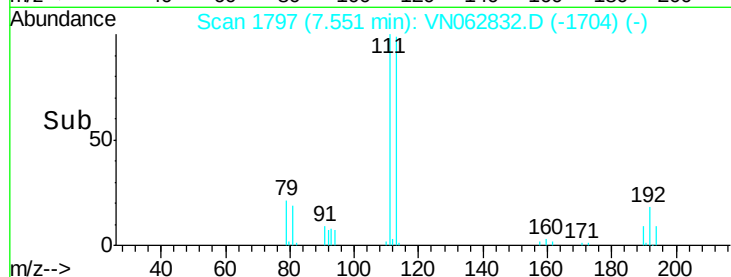
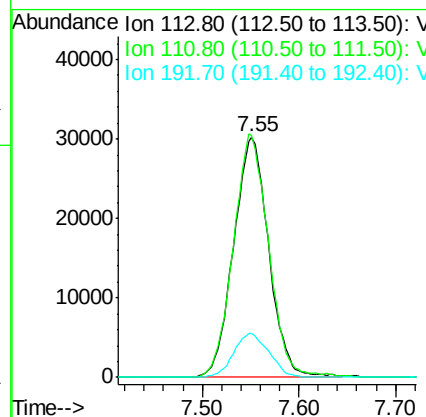
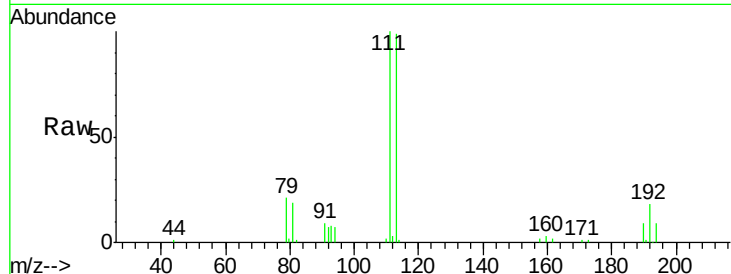




#35
 Dibromofluoromethane
 Concen: 51.385 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062832.D
 Acq: 11 Aug 2020 15:54

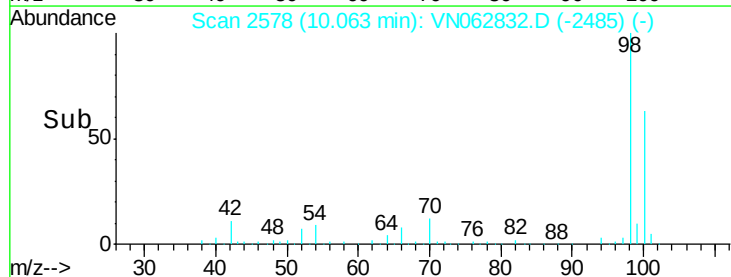
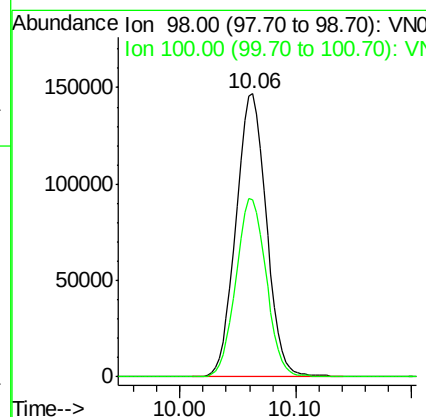
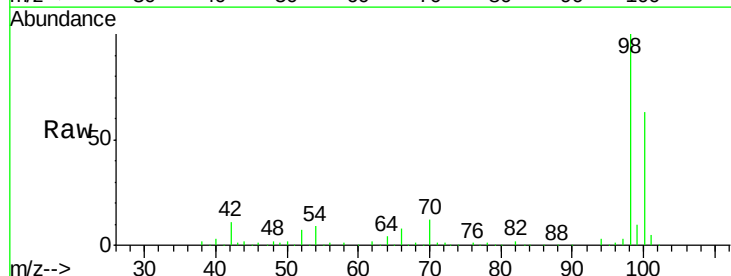
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130875ZHE#17

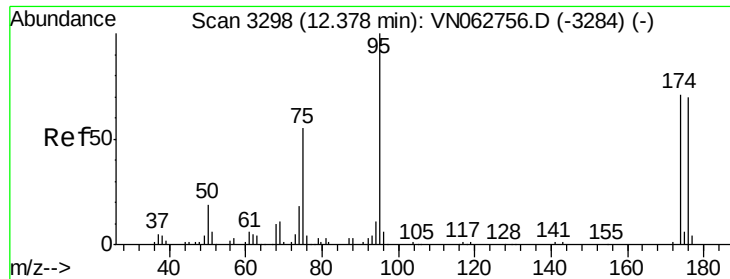
Tot Ion:113 Resp: 76263
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.6
 192 18.3 15.0 22.4



#50
 Toluene-d8
 Concen: 46.007 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN062832.D
 Acq: 11 Aug 2020 15:54

Tgt Ion: 98 Resp: 266578
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 47.529 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062832.D

Acq: 11 Aug 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

PB130875ZHE#17

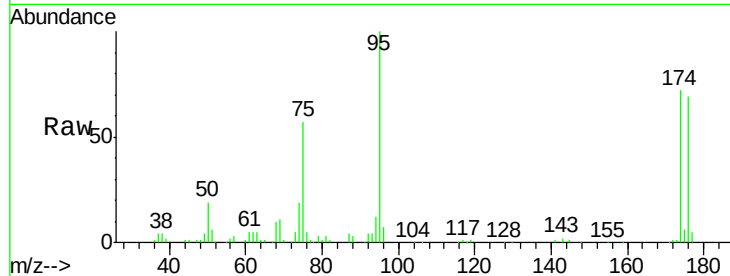
Tot Ion: 95 Resp: 104073

Ion Ratio Lower Upper

95 100

174 73.4 0.0 144.8

176 71.1 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)

Time-->

12.38

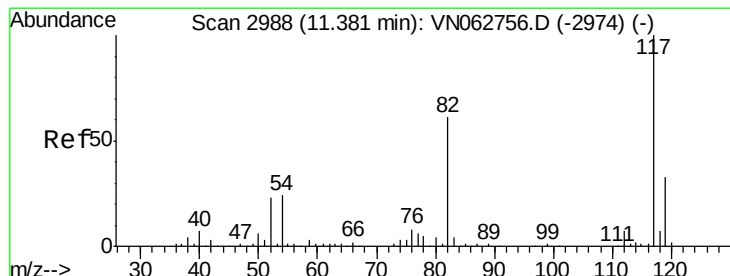
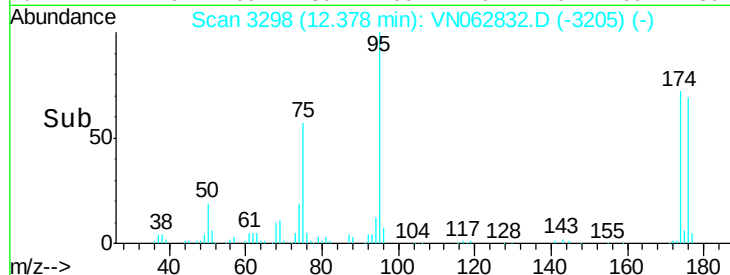
60000

40000

20000

0

12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062832.D

Acq: 11 Aug 2020 15:54

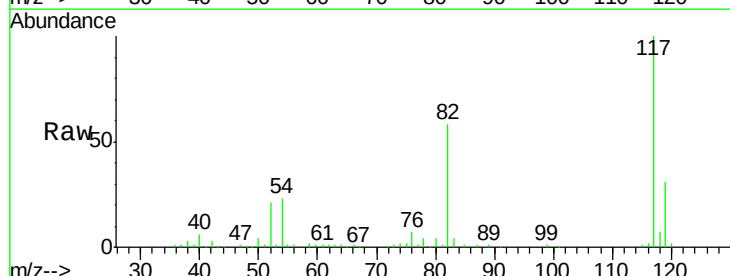
Tgt Ion: 117 Resp: 208676

Ion Ratio Lower Upper

117 100

82 58.4 49.0 73.4

119 31.1 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

Ion 82.00 (81.70 to 82.70): VN062756.D (-2974) (-)

Ion 118.90 (118.60 to 119.60): VN062756.D (-2974) (-)

Time-->

11.38

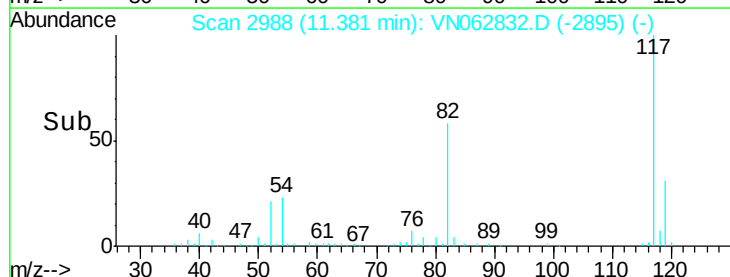
150000

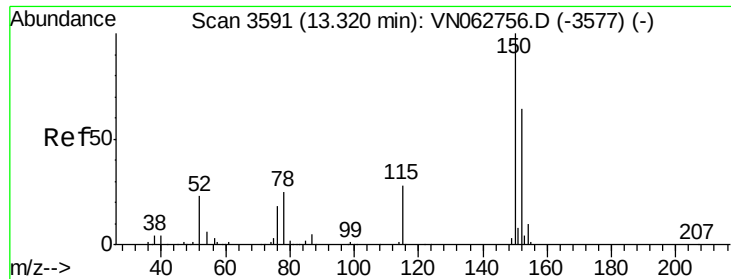
100000

50000

0

11.30 11.40





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062832.D

Acq: 11 Aug 2020 15:54

Instrument :

MSVOA_N

ClientSampleId :

PB130875ZHE#17

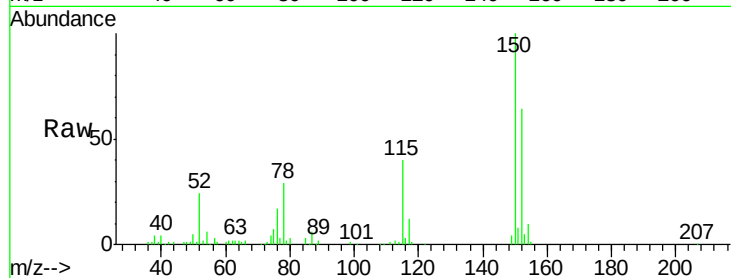
Tot Ion:152 Resp: 82402

Ion Ratio Lower Upper

152 100

115 62.7 31.6 94.8

150 155.0 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

