

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062782.D
 Acq On : 7 Aug 2020 16:28
 Operator : JC/MD
 Sample : PB130807TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130807TB

Quant Time: Aug 08 02:39:33 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

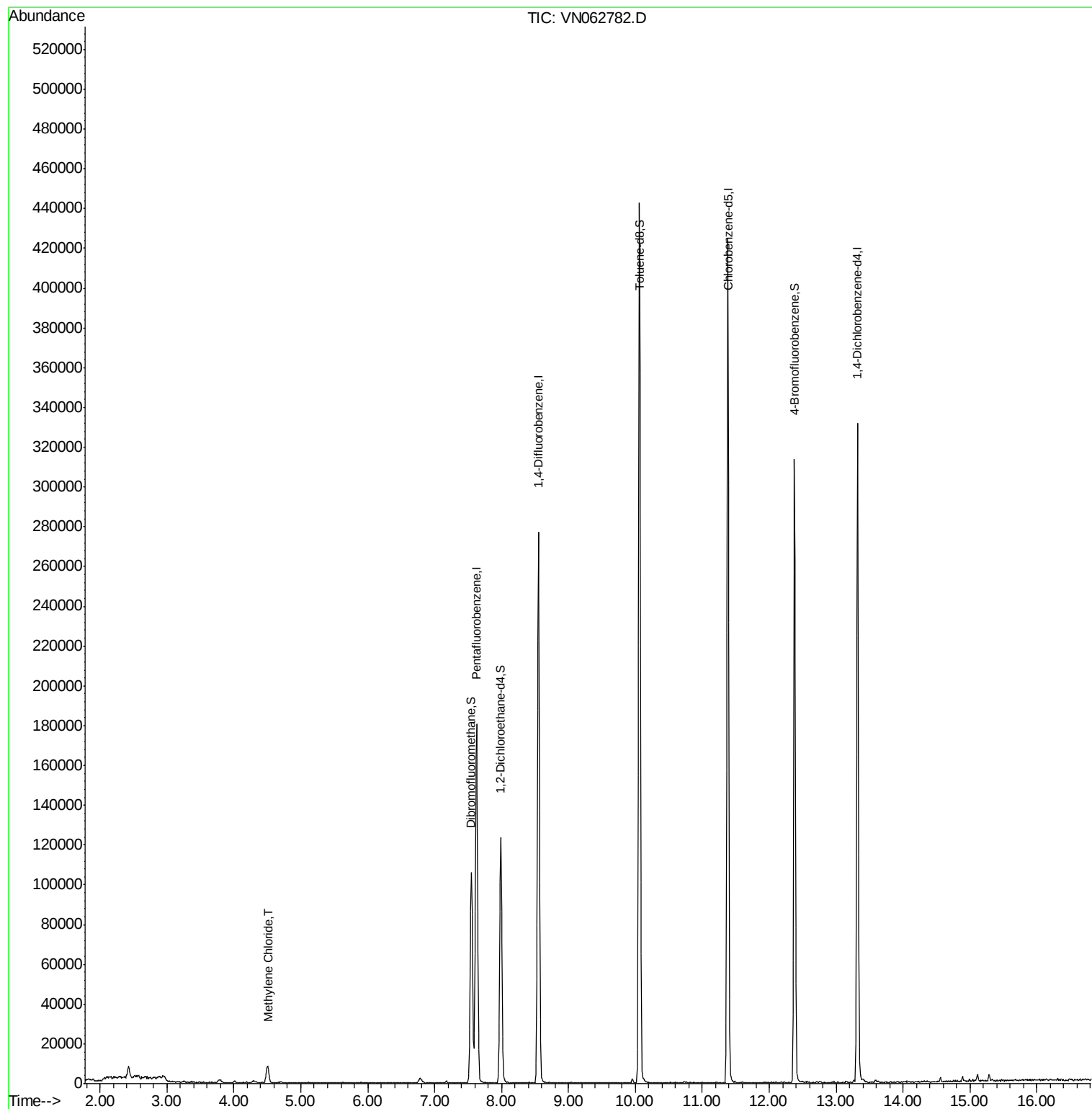
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	138779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	239378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	239861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	112881	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
35) Dibromofluoromethane	7.55	113	81760	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.06	98	310248	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.38	95	110652	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
Target Compounds						
20) Methylene Chloride	4.50	84	6707	3.716	ug/l	Qvalue 96

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

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Quant Title : SW846 8260
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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: VN062782.D

Acq: 7 Aug 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

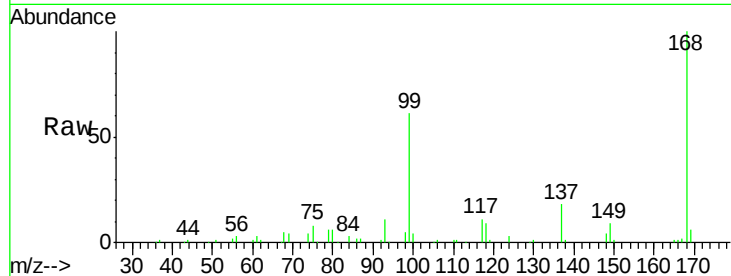
PB130807TB

Tot Ion:168 Resp: 138779

Ion Ratio Lower Upper

168 100

99 61.5 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

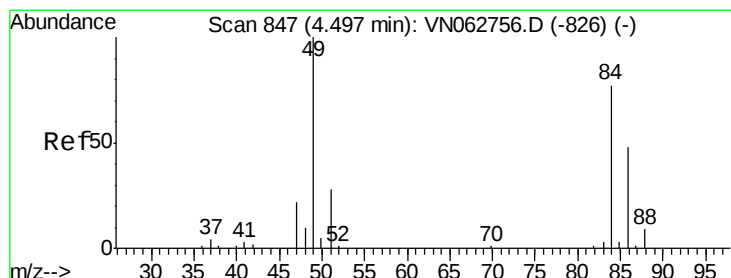
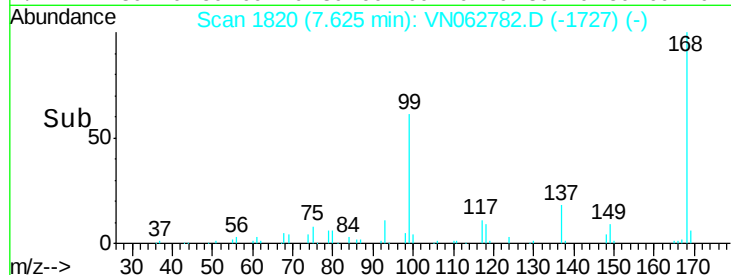
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 3.716 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN062782.D

Acq: 7 Aug 2020 16:28

Tgt Ion: 84 Resp: 6707

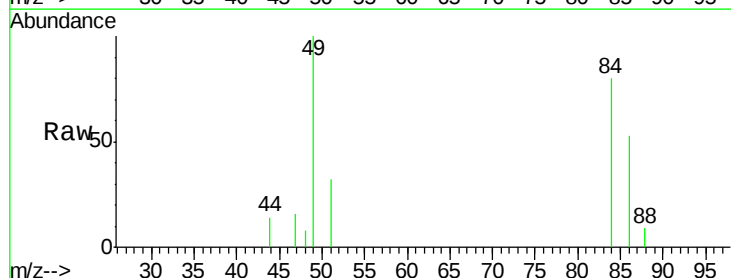
Ion Ratio Lower Upper

84 100

49 124.6 103.4 155.2

51 39.9 29.3 43.9

86 66.0 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4000

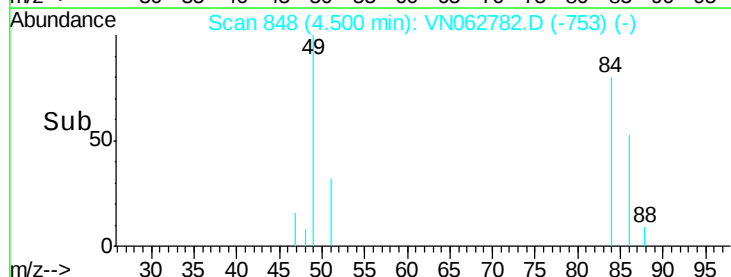
3000

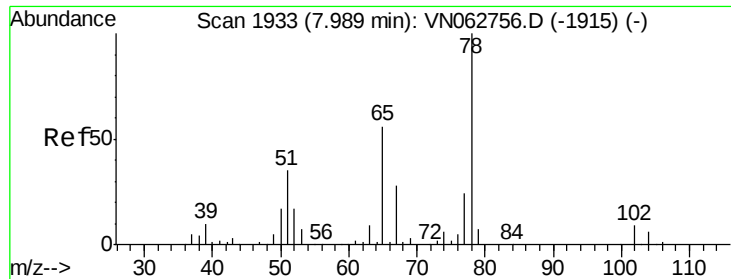
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.186 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062782.D

Acq: 7 Aug 2020 16:28

Instrument :

MSVOA_N

ClientSampled :

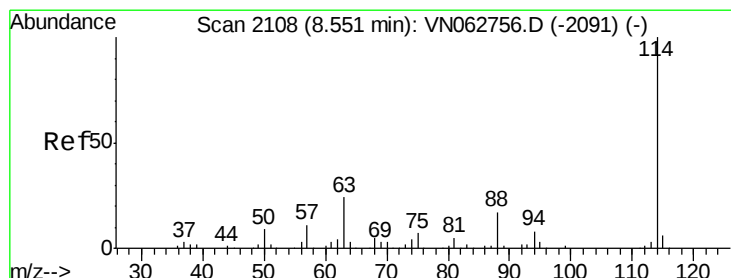
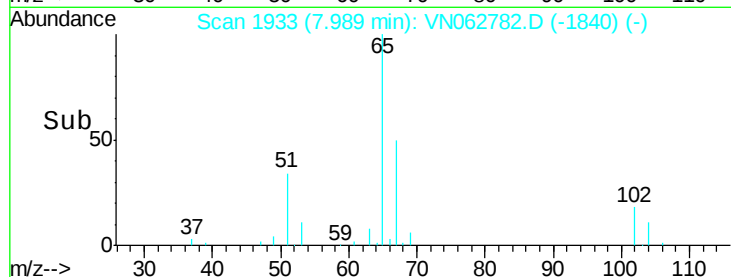
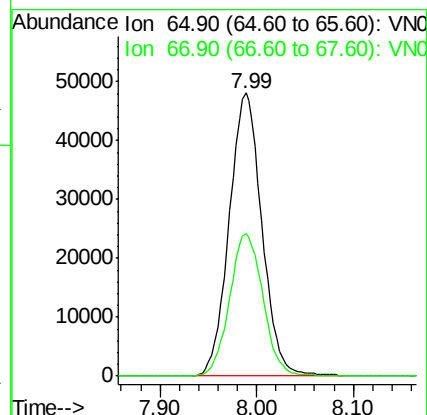
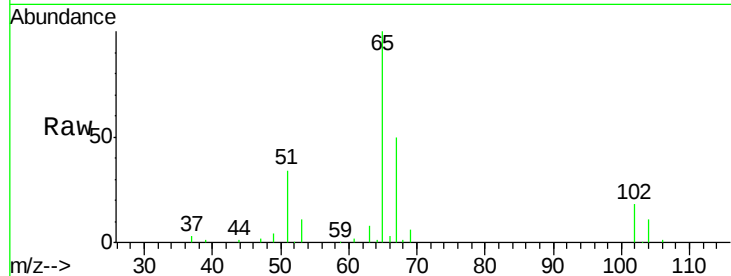
PB130807TB

Tot Ion: 65 Resp: 112881

Ion Ratio Lower Upper

65 100

67 51.5 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: VN062782.D

Acq: 7 Aug 2020 16:28

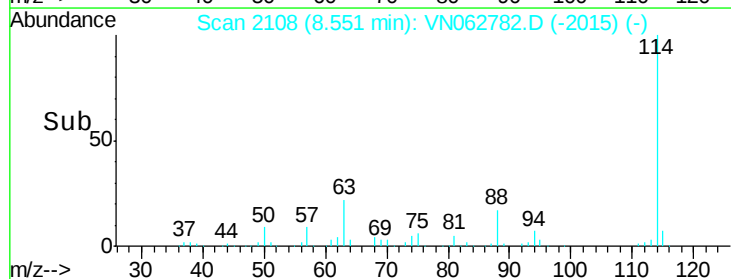
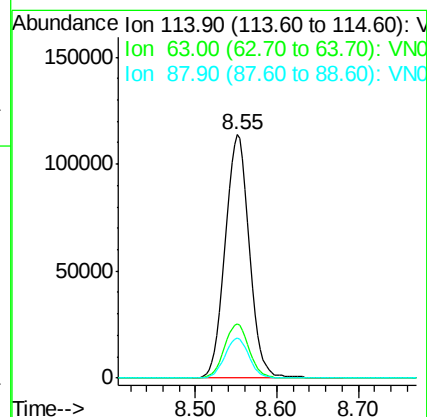
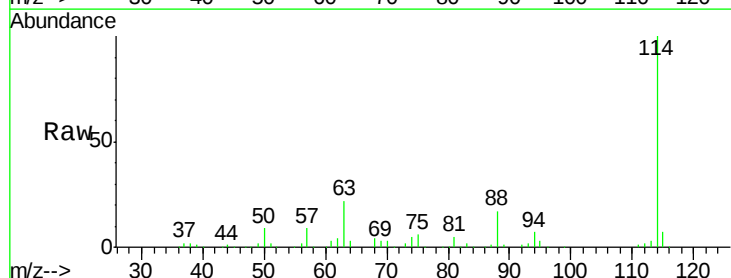
Tgt Ion: 114 Resp: 239378

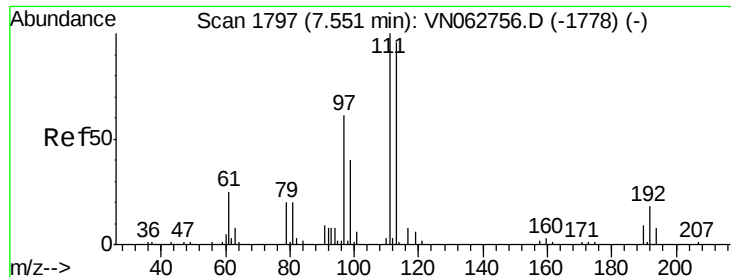
Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.6

88 16.6 0.0 34.4

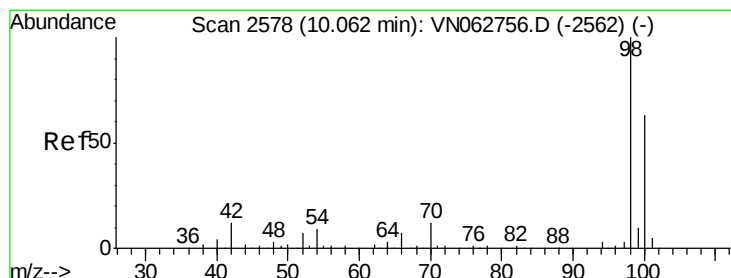
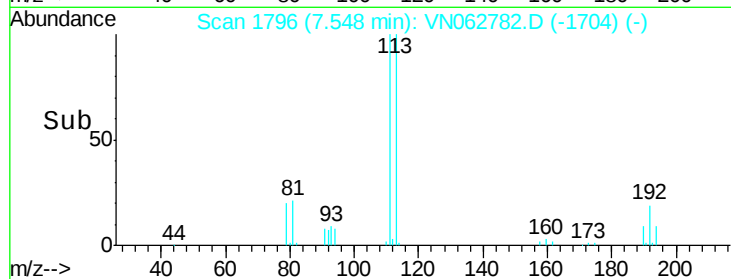
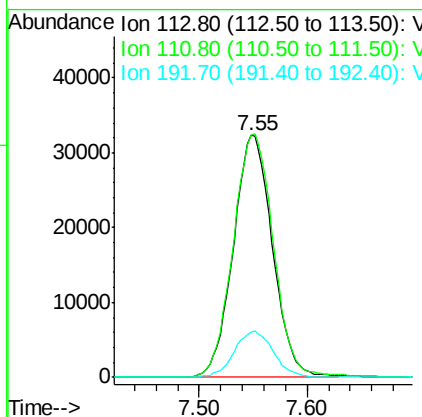
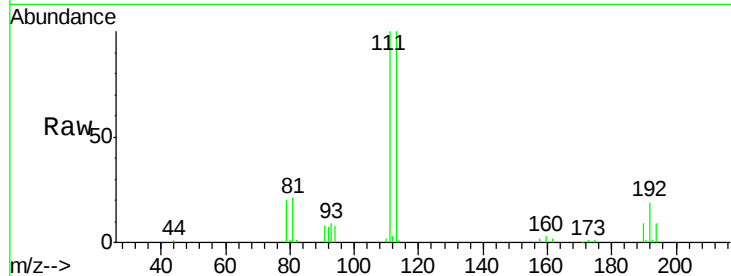




#35
Dibromofluoromethane
Concen: 49.930 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062782.D
Acq: 7 Aug 2020 16:28

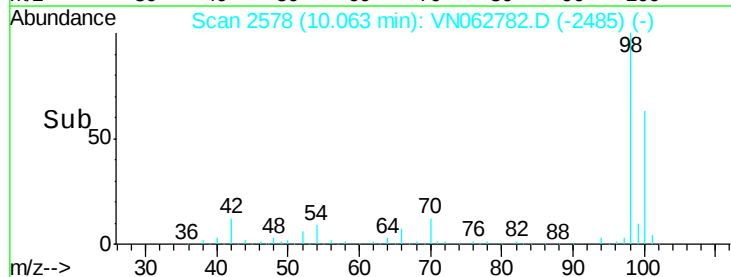
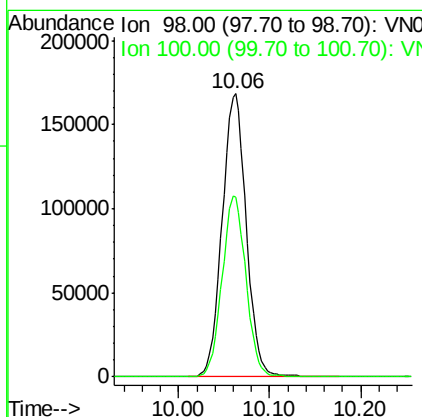
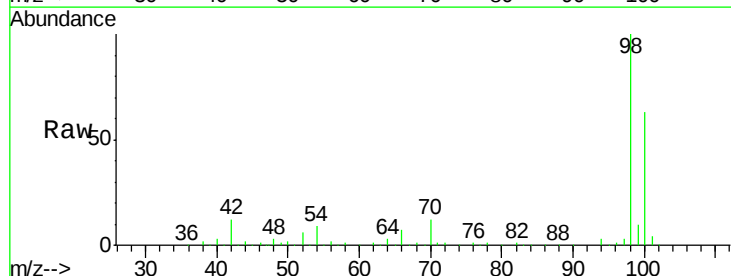
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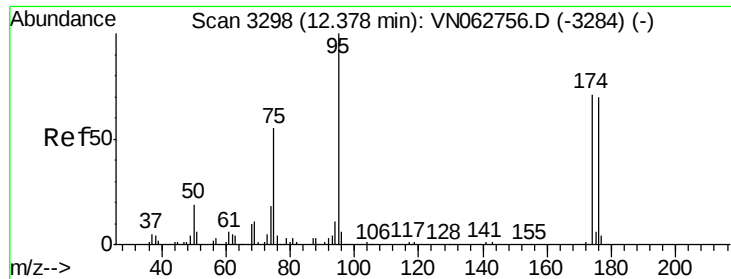
Tot Ion:113 Resp: 81760
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 19.0 15.0 22.4



#50
Toluene-d8
Concen: 48.530 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN062782.D
Acq: 7 Aug 2020 16:28

Tgt Ion: 98 Resp: 310248
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

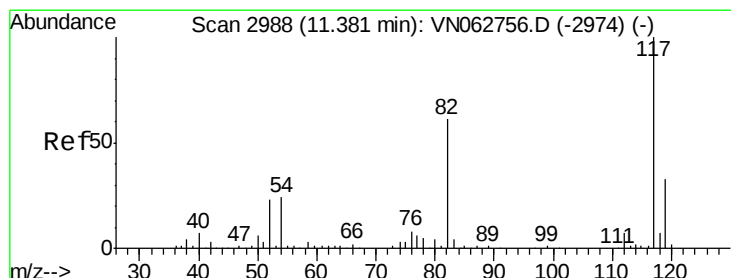
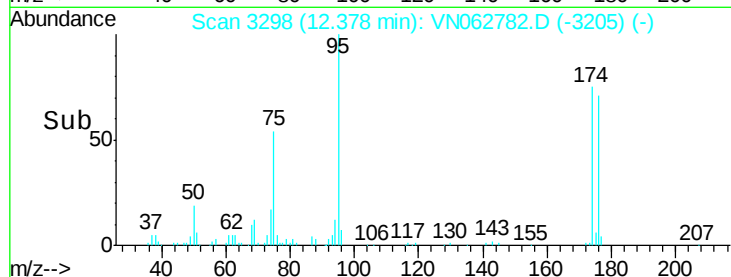
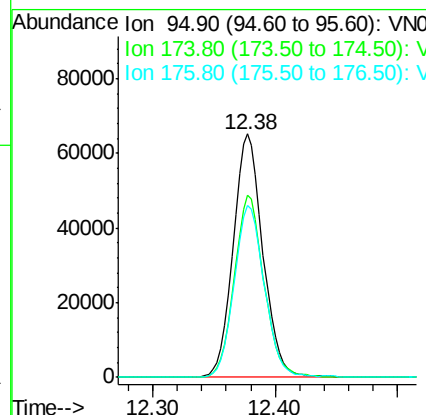
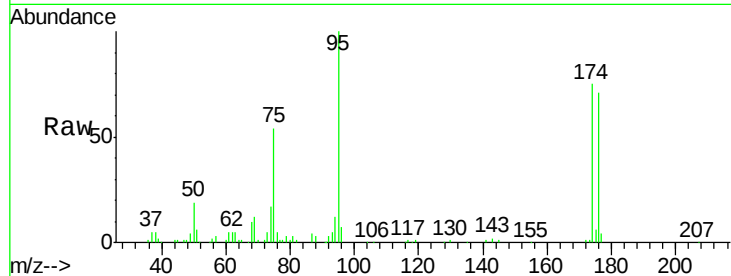




#62
4-Bromofluorobenzene
Concen: 45.802 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062782.D
Acq: 7 Aug 2020 16:28

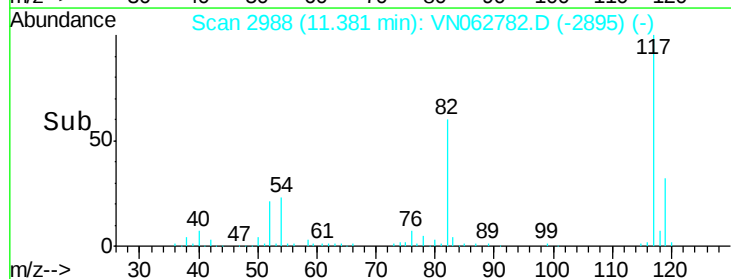
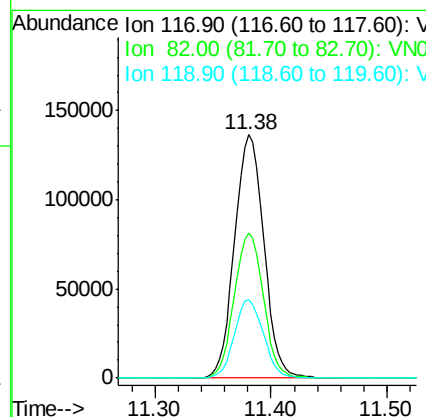
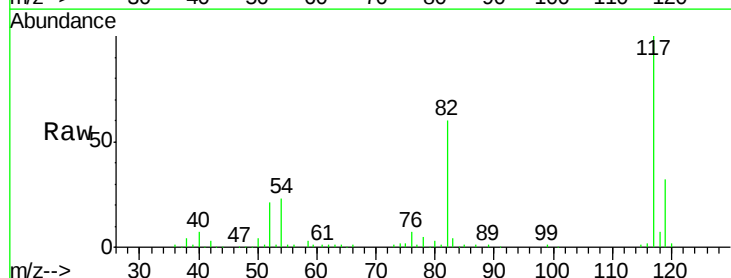
Instrument :
MSVOA_N
ClientSampleId :
PB130807TB

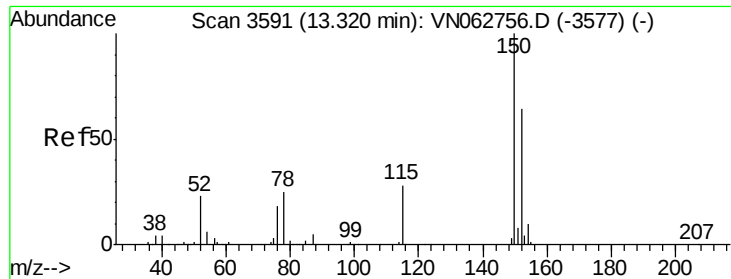
Tot Ion: 95 Resp: 110652
Ion Ratio Lower Upper
95 100
174 74.7 0.0 144.8
176 71.6 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062782.D
Acq: 7 Aug 2020 16:28

Tgt Ion: 117 Resp: 239861
Ion Ratio Lower Upper
117 100
82 59.6 49.0 73.4
119 32.3 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062782.D

Acq: 7 Aug 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

PB130807TB

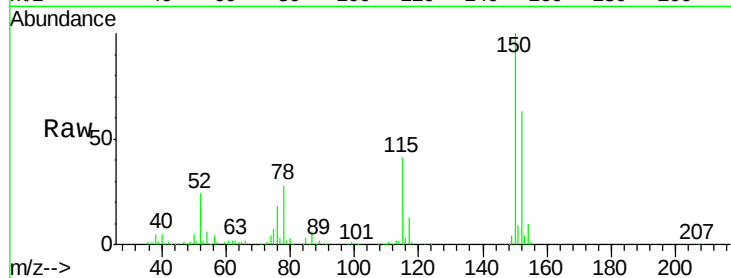
Tot Ion:152 Resp: 86972

Ion Ratio Lower Upper

152 100

115 62.6 31.6 94.8

150 158.3 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

