

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062817.D
 Acq On : 10 Aug 2020 19:01
 Operator : JC/MD
 Sample : PB130827TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130827TB

Quant Time: Aug 11 07:49:16 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

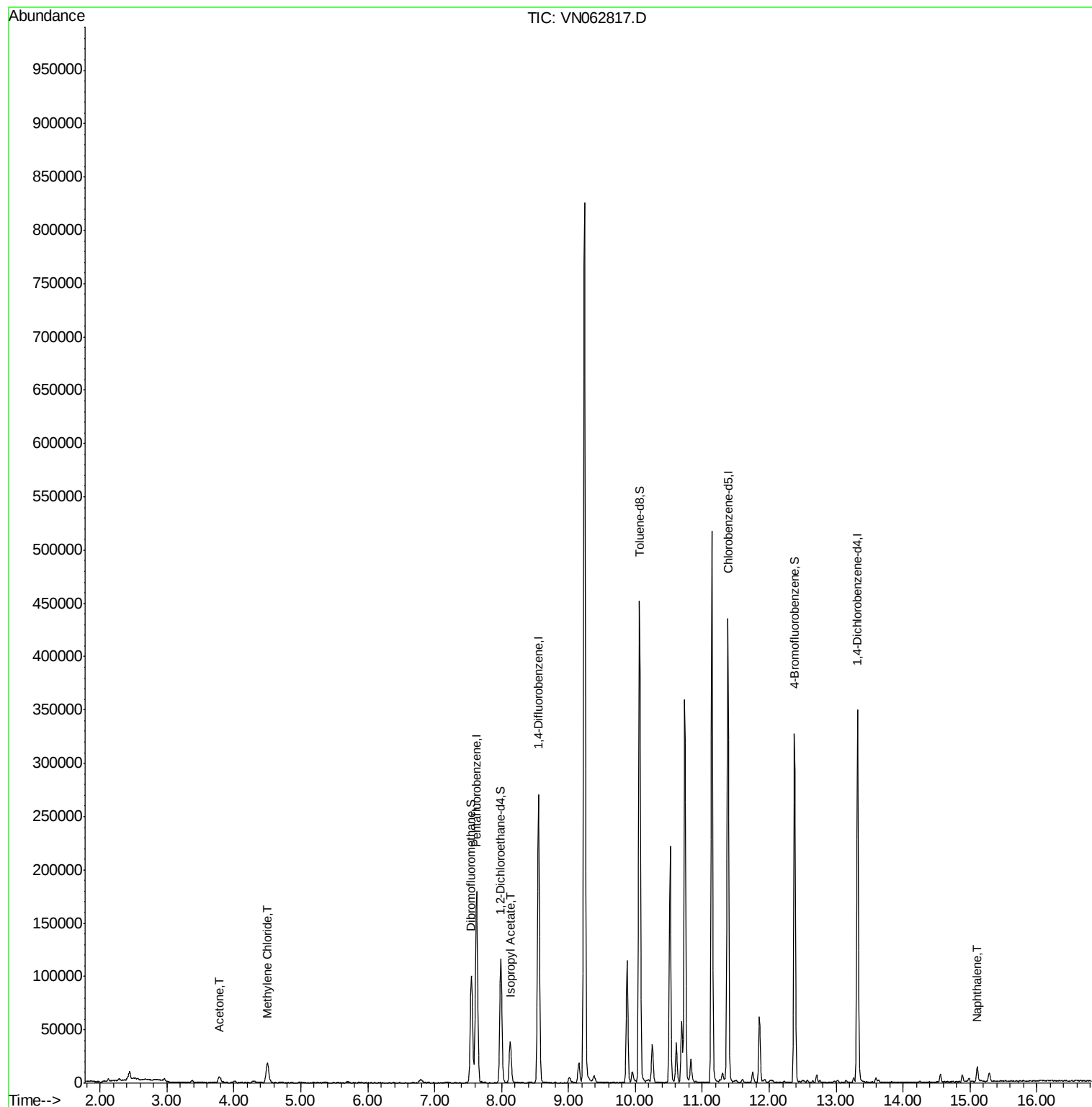
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	136425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	232709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	241599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	91358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	107164	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	7.55	113	78139	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	10.06	98	307197	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.38	95	118641	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
Target Compounds						
16) Acetone	3.78	43	10893	13.362	ug/l	96
20) Methylene Chloride	4.50	84	14381	9.017	ug/l	93
43) Isopropyl Acetate	8.13	43	46053	11.665	ug/l	98
95) Naphthalene	15.11	128	13394	6.661	ug/l	97

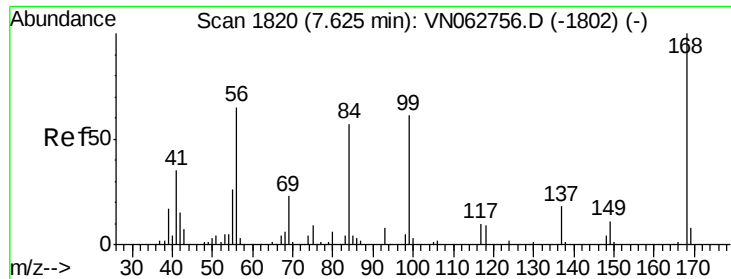
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 11 07:49:16 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062817.D

Acq: 10 Aug 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

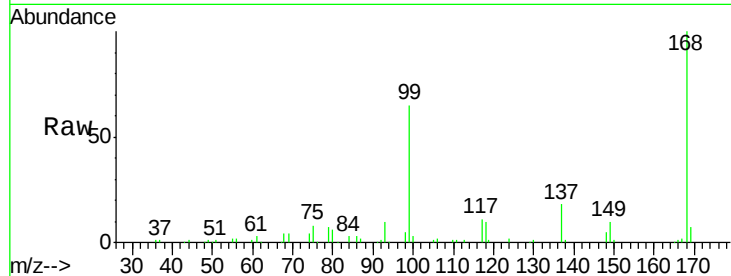
PB130827TB

Tot Ion:168 Resp: 136425

Ion Ratio Lower Upper

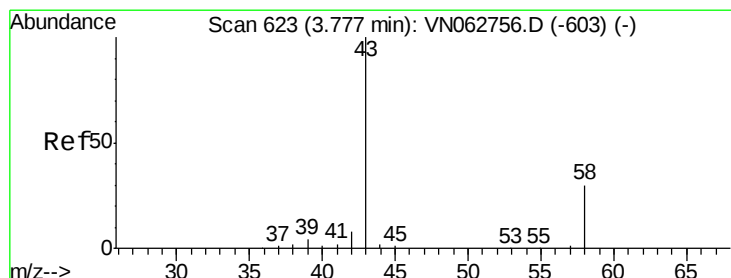
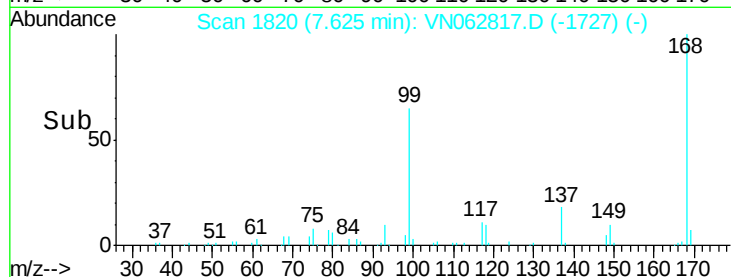
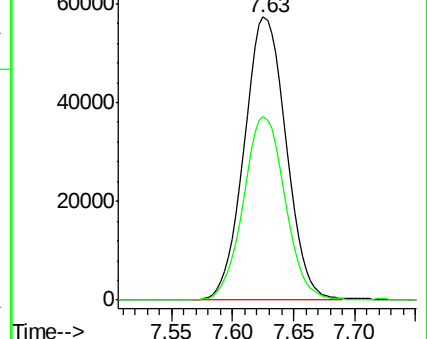
168 100

99 64.7 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 13.362 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062817.D

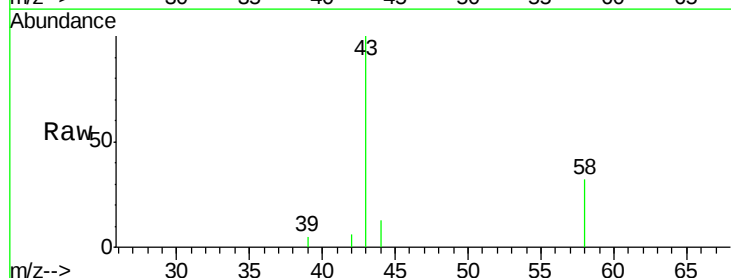
Acq: 10 Aug 2020 19:01

Tgt Ion: 43 Resp: 10893

Ion Ratio Lower Upper

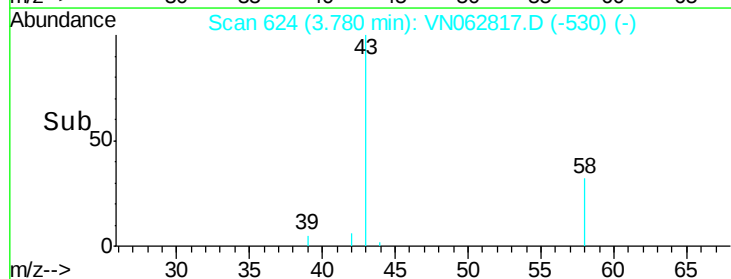
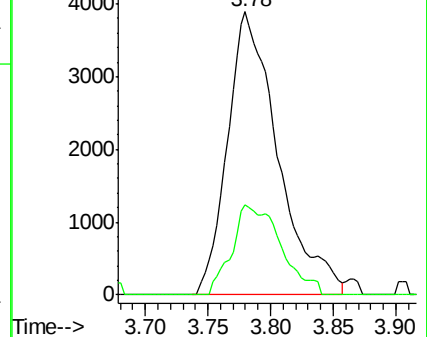
43 100

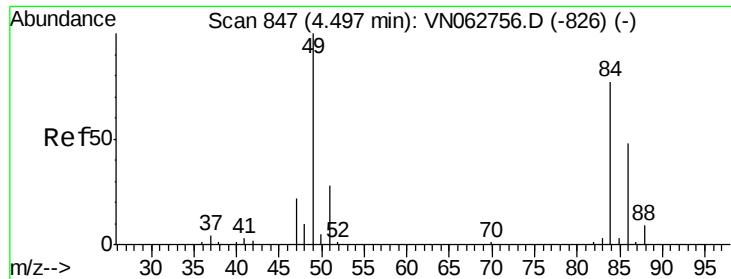
58 32.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

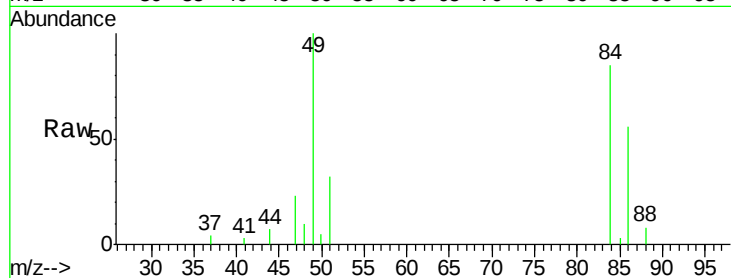




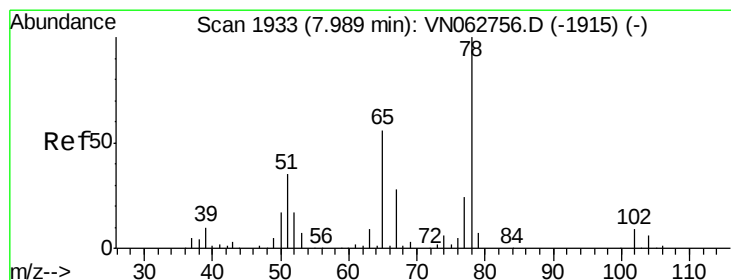
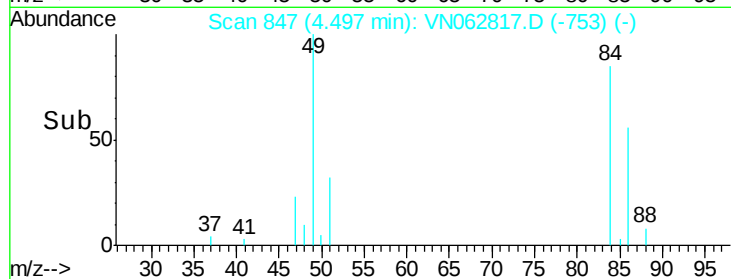
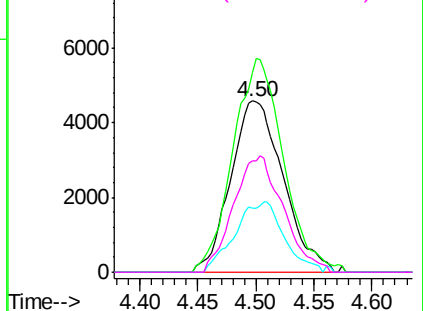
#20
Methvlene Chloride
Concen: 9.017 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062817.D
Acq: 10 Aug 2020 19:01

Instrument :
MSVOA_N
ClientSampled :
PB130827TB

Tot Ion: 84 Resp: 14381
Ion Ratio Lower Upper
84 100
49 117.0 103.4 155.2
51 37.7 29.3 43.9
86 65.3 49.9 74.9

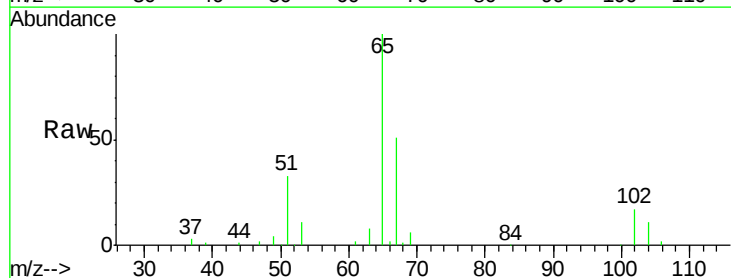


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

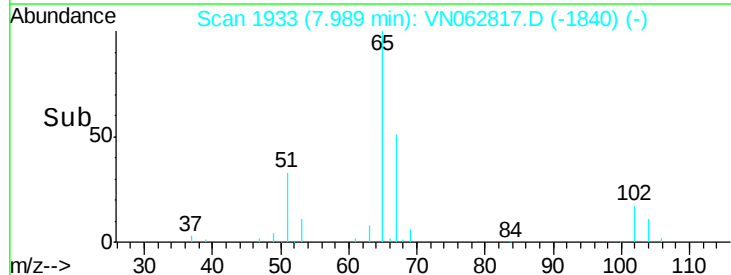
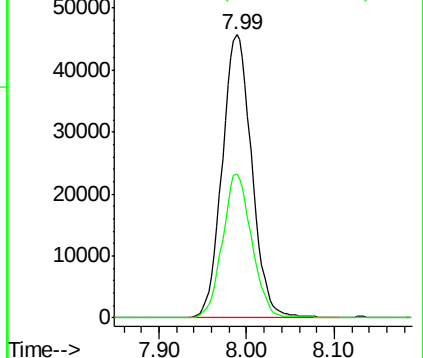


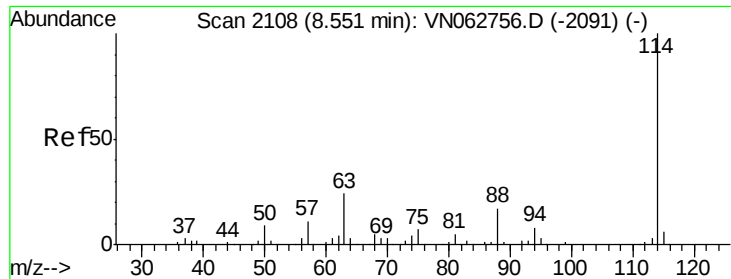
#33
1,2-Dichloroethane-d4
Concen: 47.501 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062817.D
Acq: 10 Aug 2020 19:01

Tgt Ion: 65 Resp: 107164
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

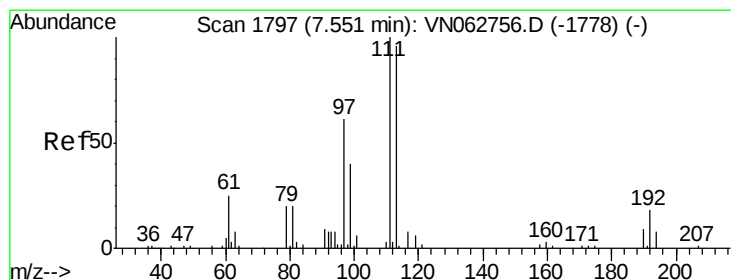
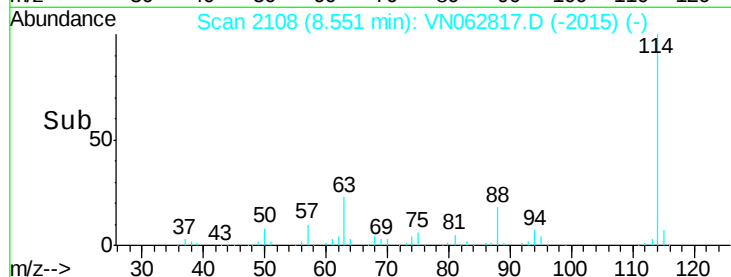
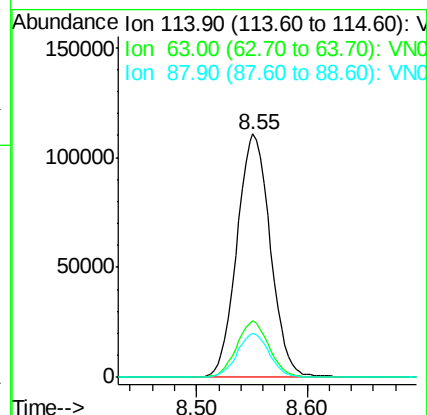
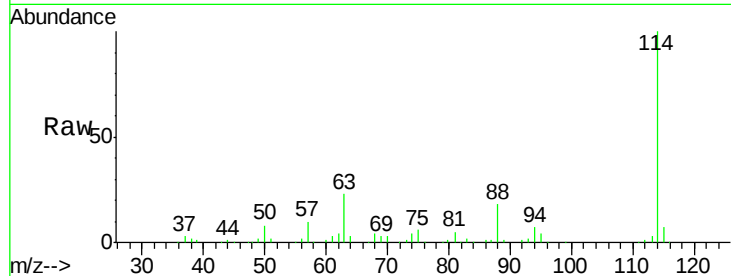




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062817.D
 Acq: 10 Aug 2020 19:01

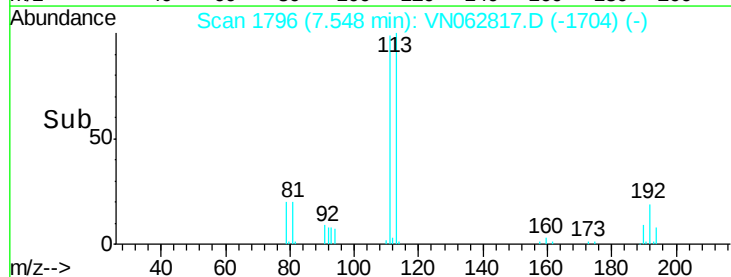
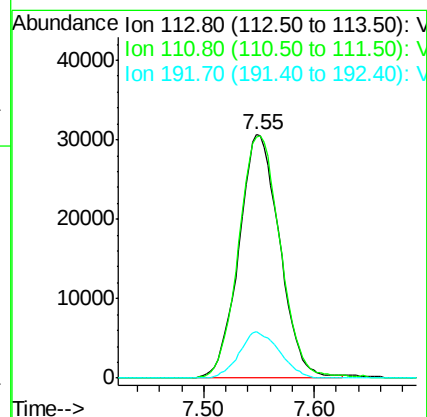
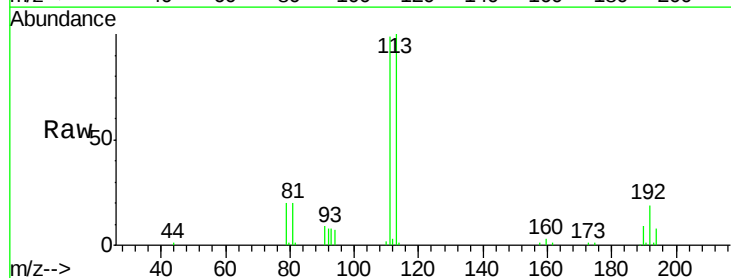
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130827TB

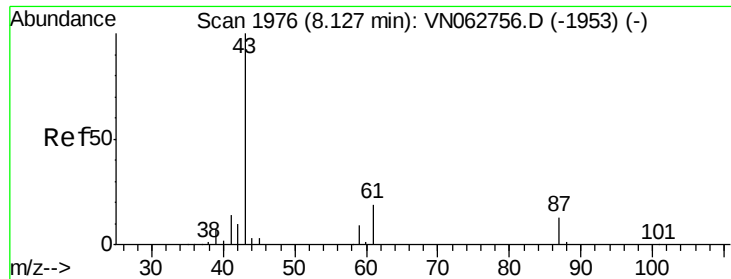
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	47.6
88	17.8	0.0	34.4



#35
 Dibromofluoromethane
 Concen: 49.087 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062817.D
 Acq: 10 Aug 2020 19:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.6
192	18.8	15.0	22.4





#43

Isopropyl Acetate

Concen: 11.665 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062817.D

Acq: 10 Aug 2020 19:01

Instrument :

MSVOA_N

ClientSampled :

PB130827TB

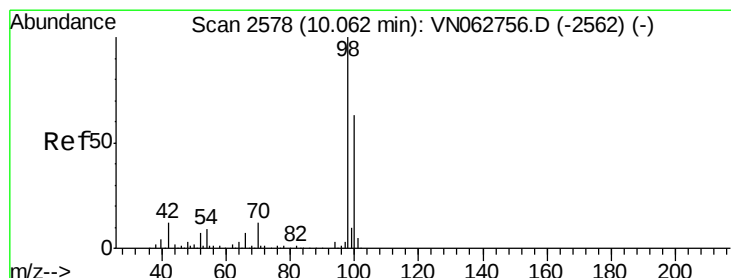
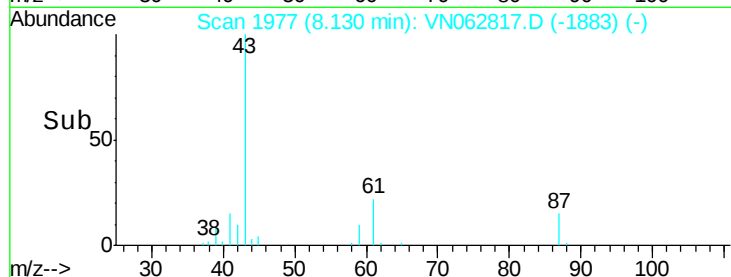
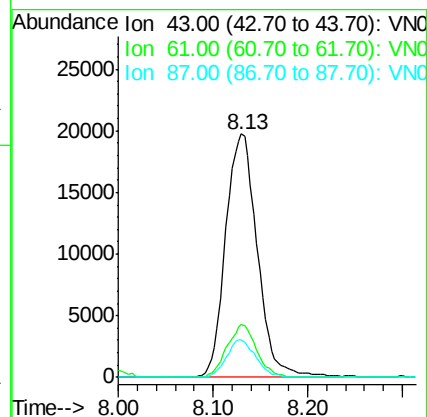
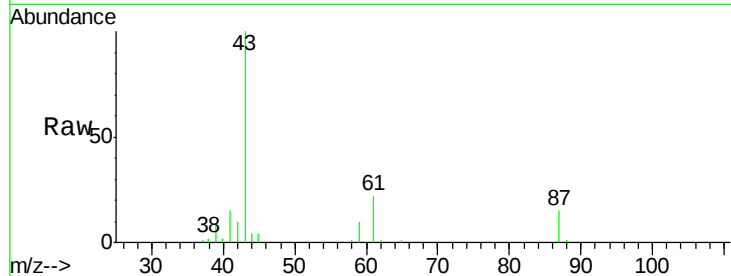
Tot Ion: 43 Resp: 46053

Ion Ratio Lower Upper

43 100

61 20.2 15.8 23.6

87 13.9 9.9 14.9



#50

Toluene-d8

Concen: 49.430 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062817.D

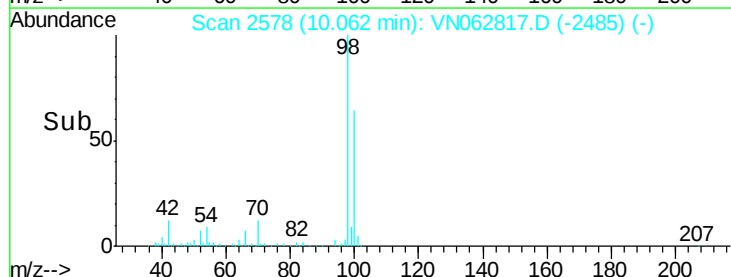
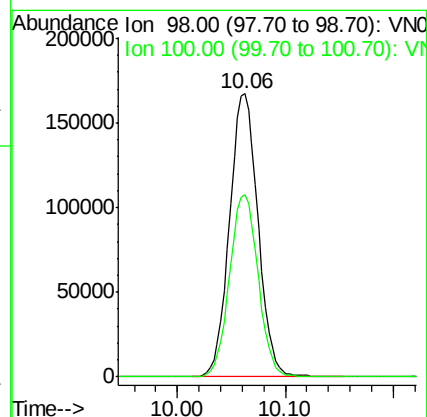
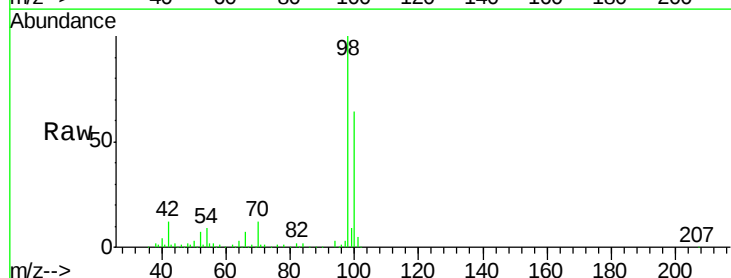
Acq: 10 Aug 2020 19:01

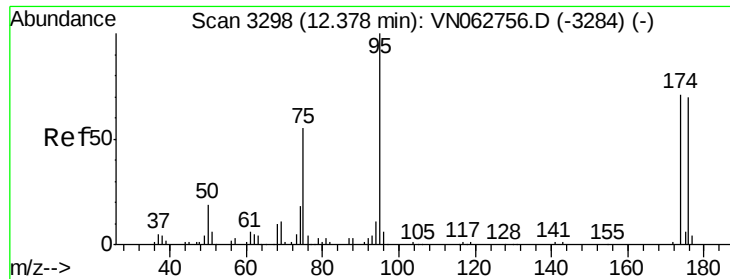
Tgt Ion: 98 Resp: 307197

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3

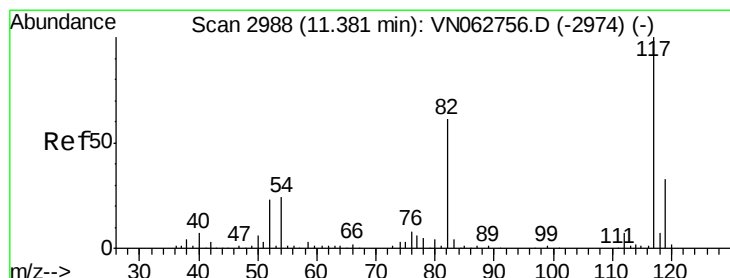
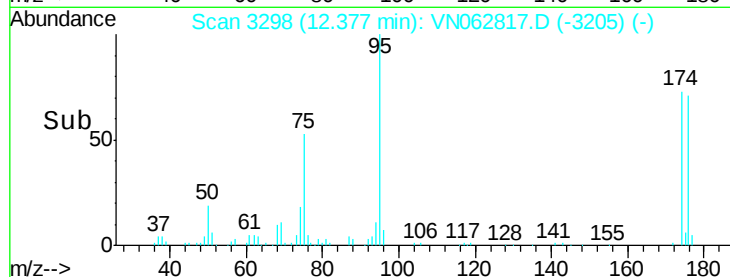
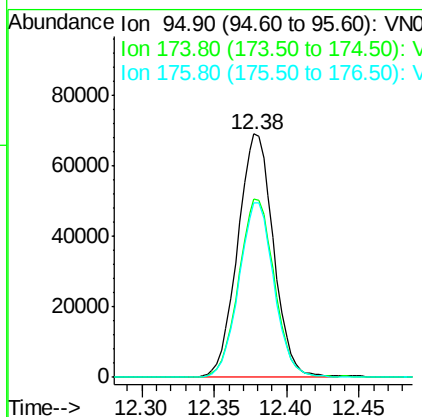
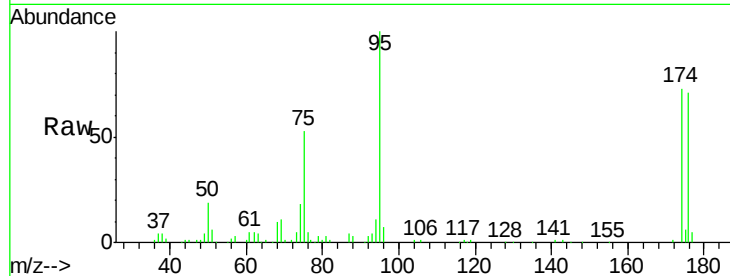




#62
4-Bromofluorobenzene
Concen: 50.517 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062817.D
Acq: 10 Aug 2020 19:01

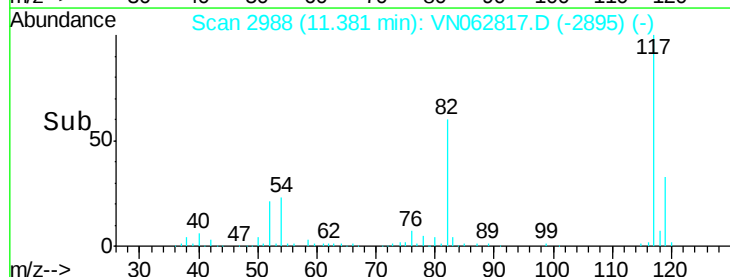
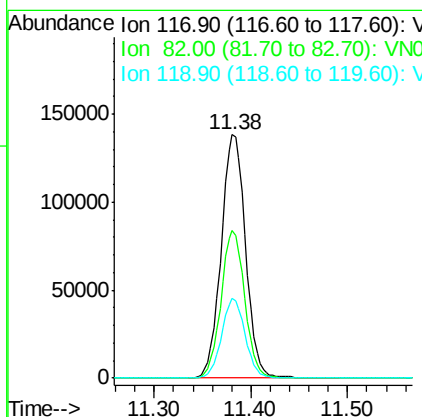
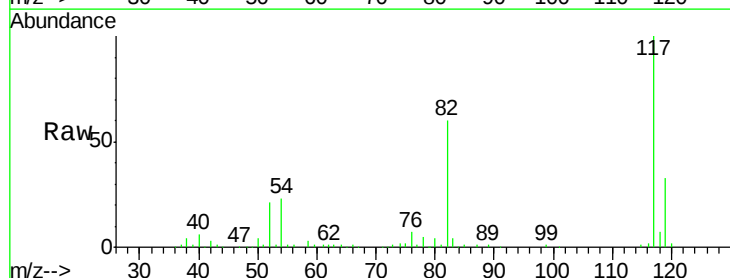
Instrument :
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ClientSampleId :
PB130827TB

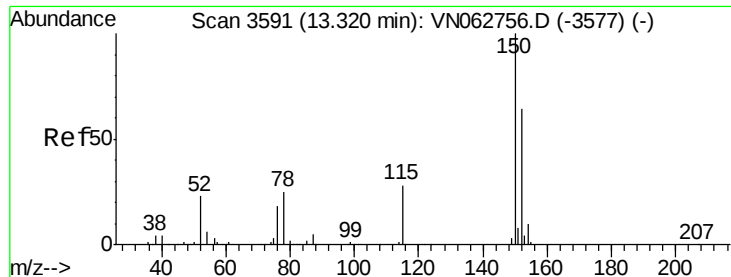
Tot Ion: 95 Resp: 118641
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.8
176 70.4 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062817.D
Acq: 10 Aug 2020 19:01

Tgt Ion: 117 Resp: 241599
Ion Ratio Lower Upper
117 100
82 60.5 49.0 73.4
119 32.6 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: VN062817.D

Acq: 10 Aug 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

PB130827TB

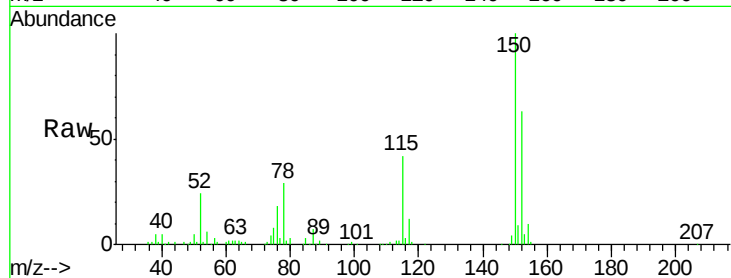
Tot Ion:152 Resp: 91358

Ion Ratio Lower Upper

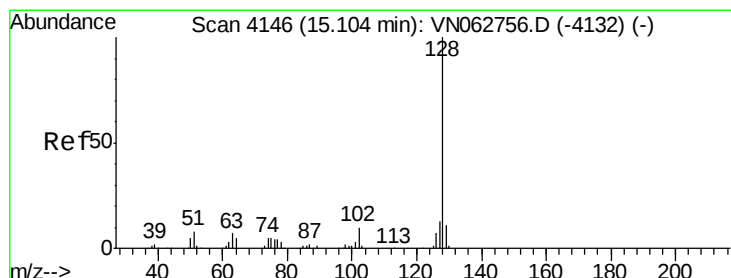
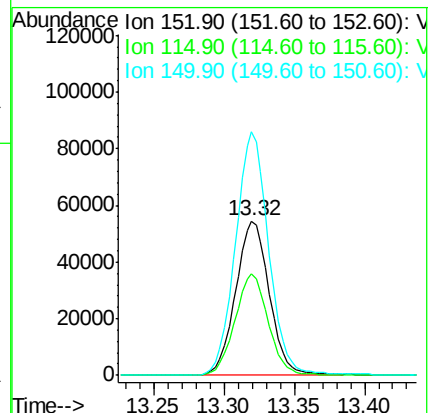
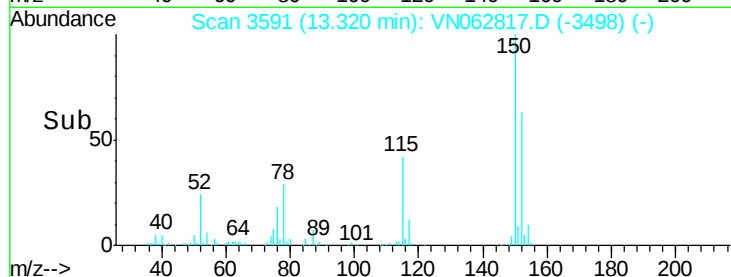
152 100

115 64.7 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



#95

Naphthalene

Concen: 6.661 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062817.D

Acq: 10 Aug 2020 19:01

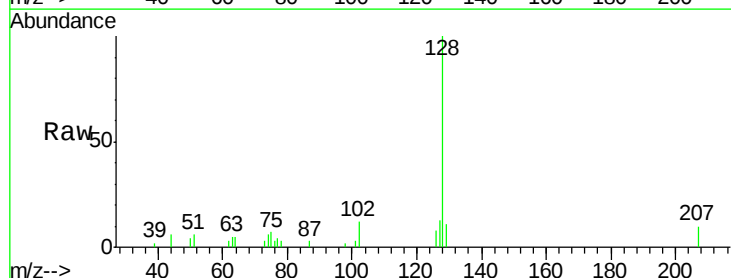
Tgt Ion:128 Resp: 13394

Ion Ratio Lower Upper

128 100

127 12.5 10.8 16.2

129 9.4 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

