

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062920.D
 Acq On : 13 Aug 2020 19:18
 Operator : JC/MD
 Sample : PB130936ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130936ZHE#03

Quant Time: Aug 14 06:39:19 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

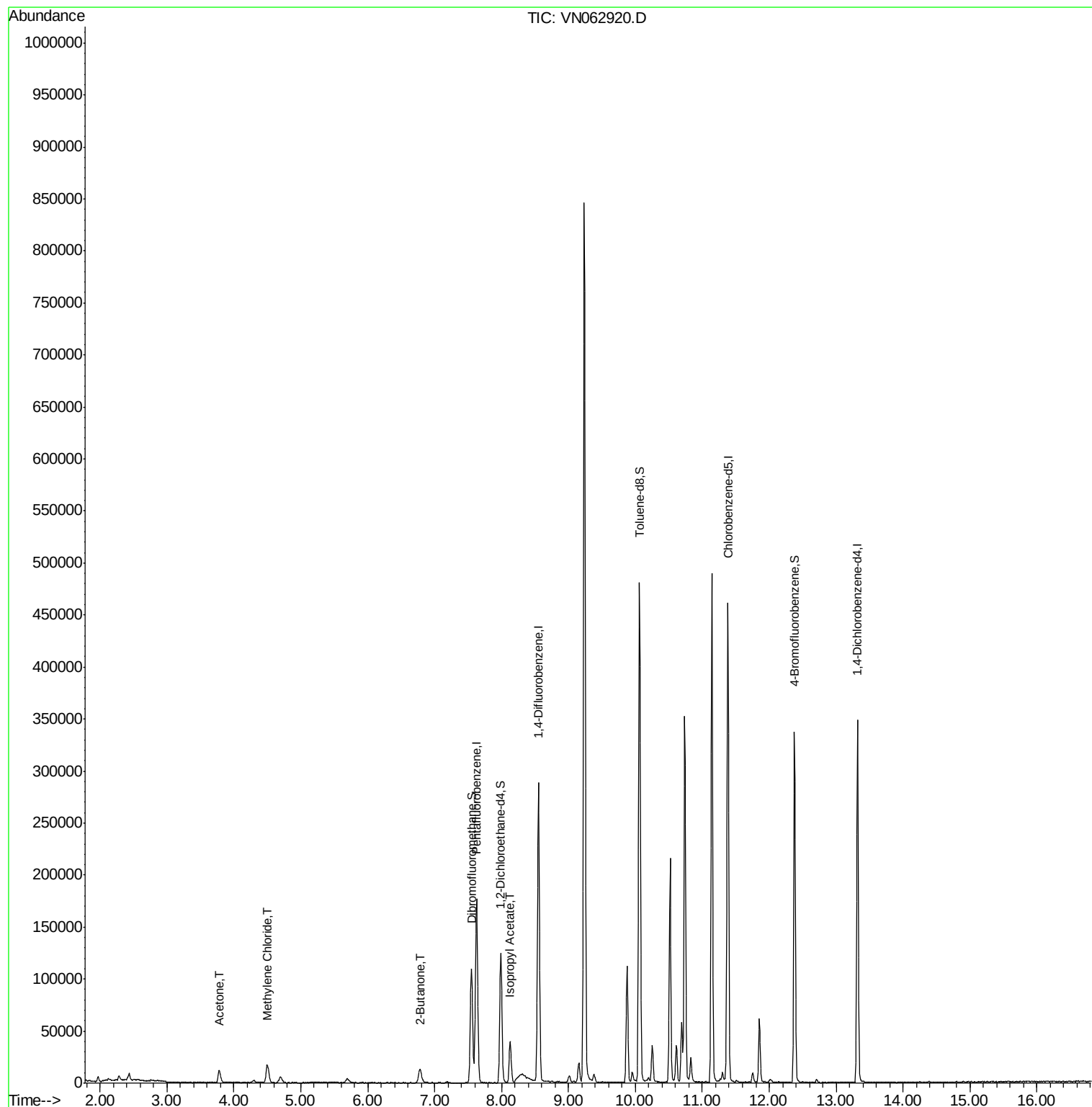
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	135867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	244011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	258679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	90714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	115291	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
35) Dibromofluoromethane	7.55	113	84656	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	10.06	98	325719	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.38	95	116233	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
Target Compounds						
16) Acetone	3.78	43	20648	25.433	ug/l	92
20) Methylene Chloride	4.50	84	13161	8.223	ug/l	93
25) 2-Butanone	6.80	43	4420	3.844	ug/l	93
43) Isopropyl Acetate	8.13	43	44622	10.779	ug/l	98

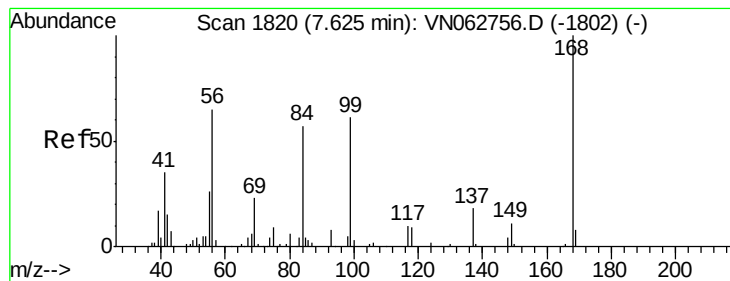
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081320\
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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# 1821

Delta R.T. 0.00 min

Lab File: VN062920.D

Acq: 13 Aug 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

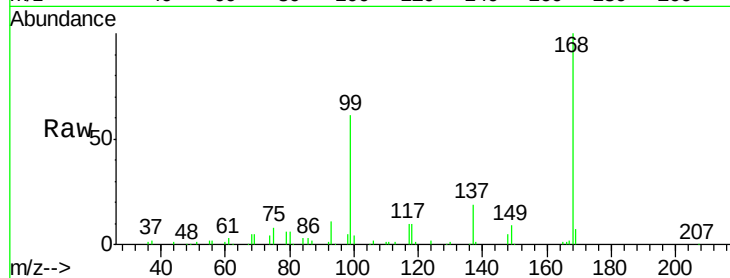
PB130936ZHE#03

Tot Ion:168 Resp: 135867

Ion Ratio Lower Upper

168 100

99 61.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

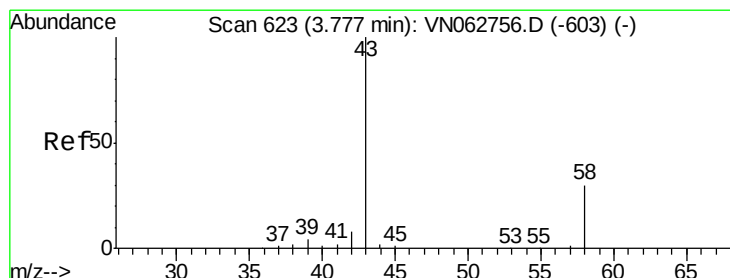
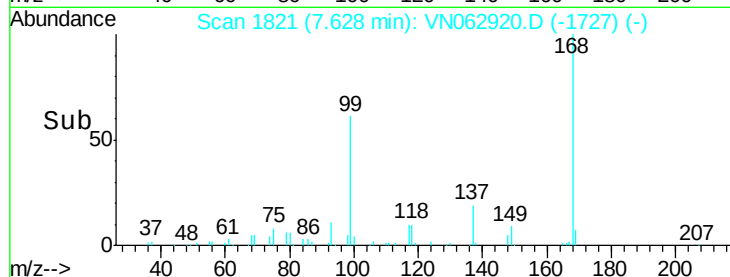
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 25.433 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062920.D

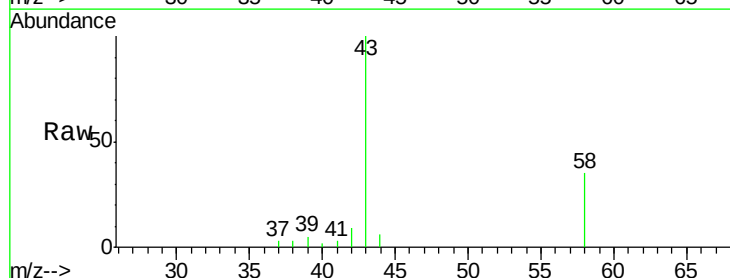
Acq: 13 Aug 2020 19:18

Tgt Ion: 43 Resp: 20648

Ion Ratio Lower Upper

43 100

58 34.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

8000

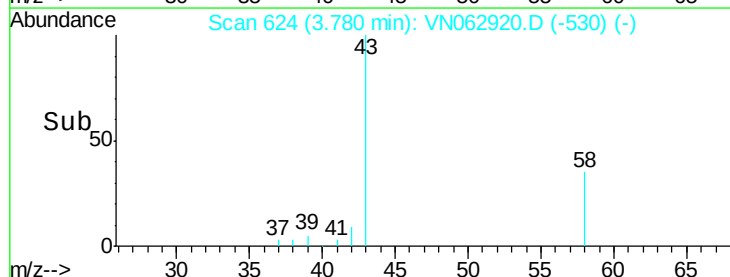
6000

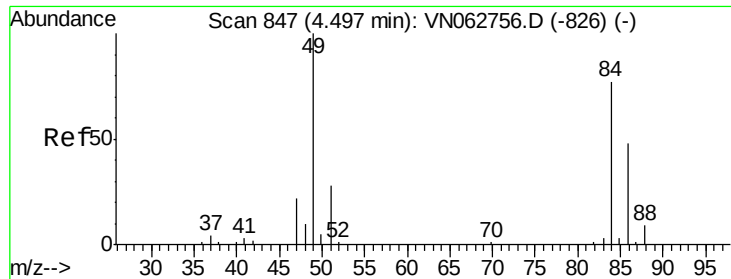
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90

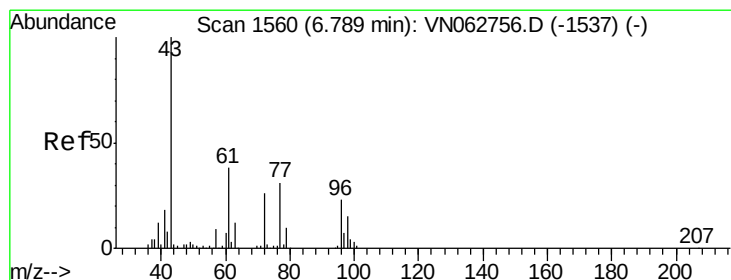
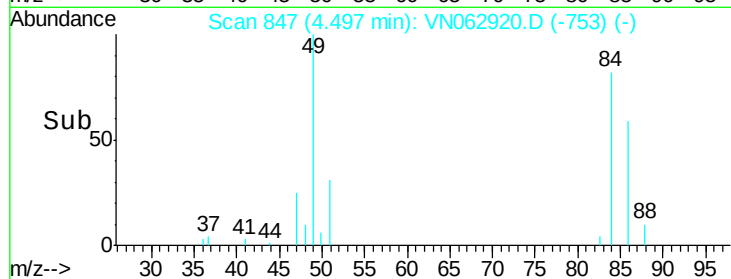
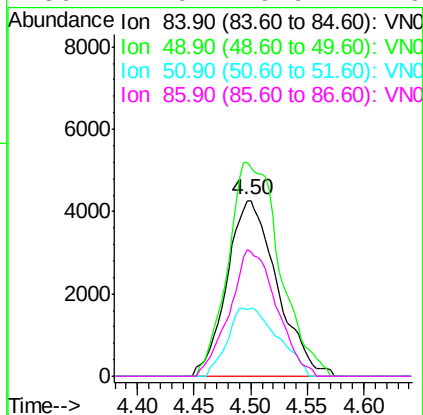
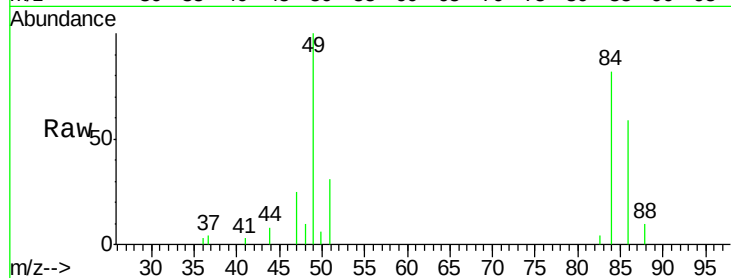




#20
Methvlene Chloride
Concen: 8.223 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062920.D
Acq: 13 Aug 2020 19:18

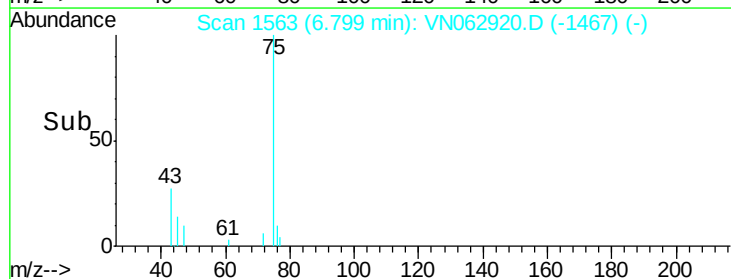
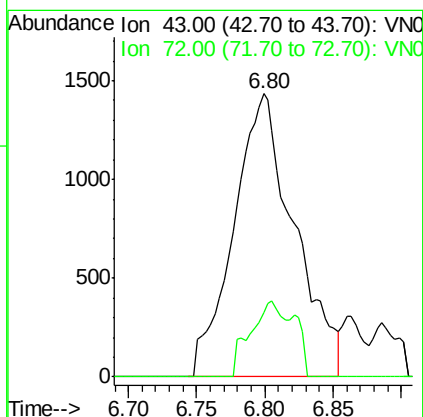
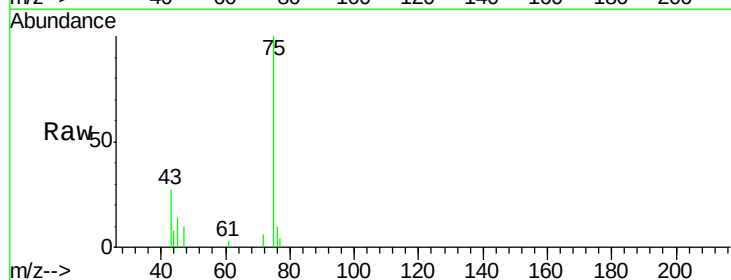
Instrument :
MSVOA_N
ClientSampleId :
PB130936ZHE#03

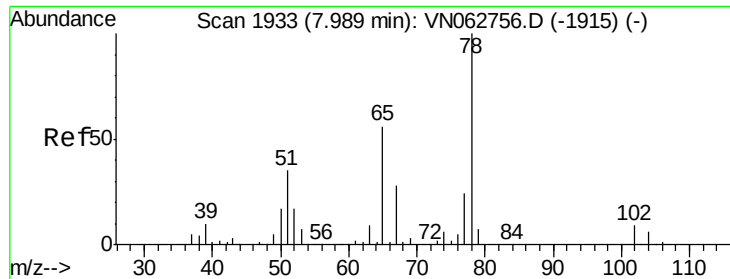
Tot Ion:	84	Resp:	13161
Ion	Ratio	Lower	Upper
84	100		
49	121.8	103.4	155.2
51	37.7	29.3	43.9
86	72.0	49.9	74.9



#25
2-Butanone
Concen: 3.844 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VN062920.D
Acq: 13 Aug 2020 19:18

Tgt Ion:	43	Resp:	4420
Ion	Ratio	Lower	Upper
43	100		
72	22.6	21.1	31.7

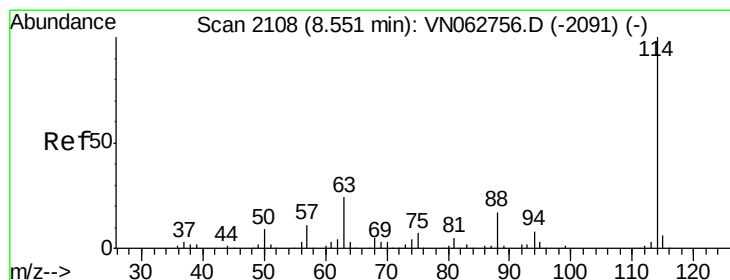
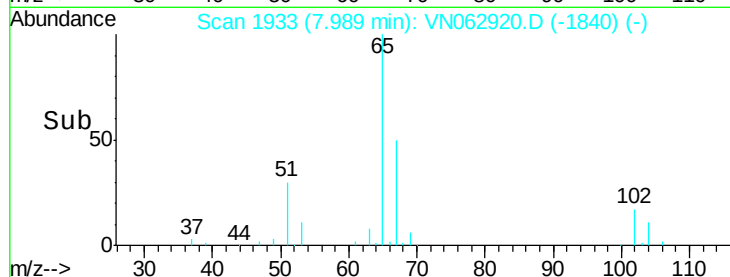
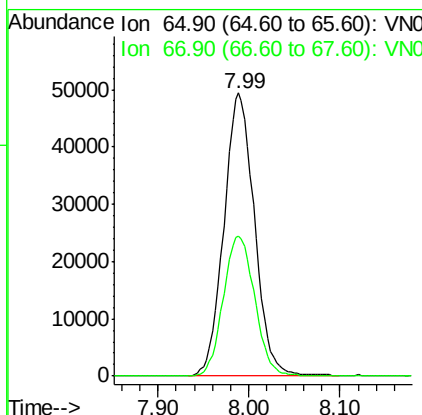
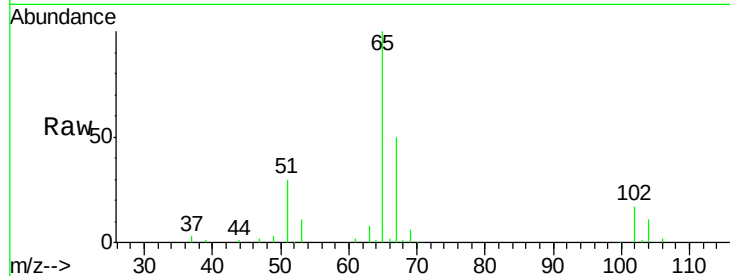




#33
 1,2-Dichloroethane-d4
 Concen: 51.313 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062920.D
 Acq: 13 Aug 2020 19:18

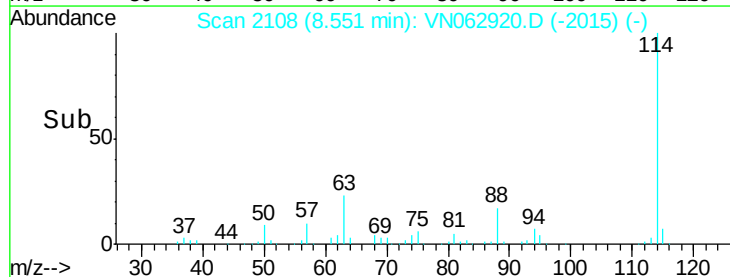
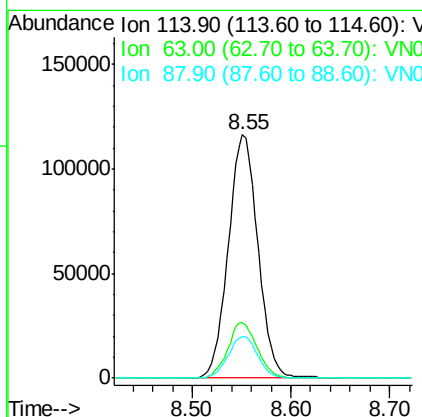
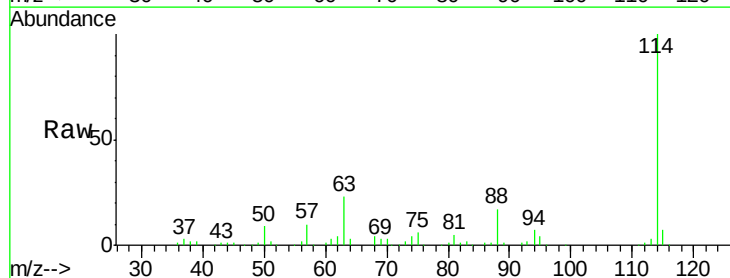
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130936ZHE#03

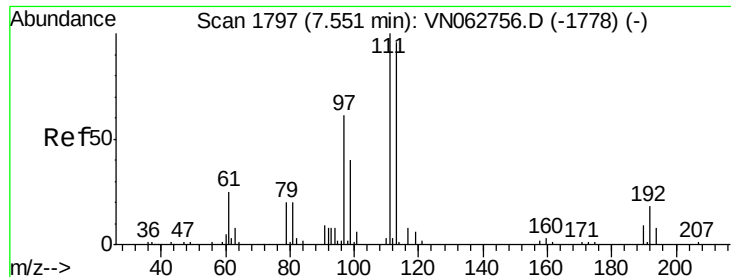
Tot Ion: 65 Resp: 115291
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062920.D
 Acq: 13 Aug 2020 19:18

Tgt Ion: 114 Resp: 244011
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.6
 88 17.2 0.0 34.4

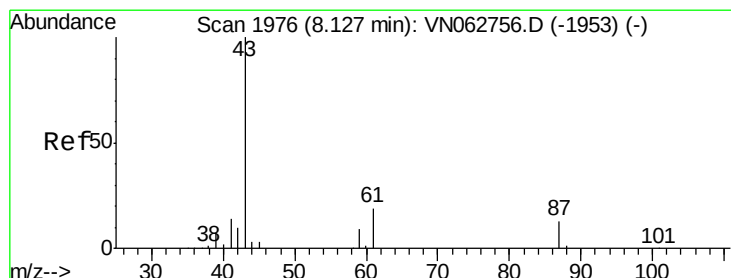
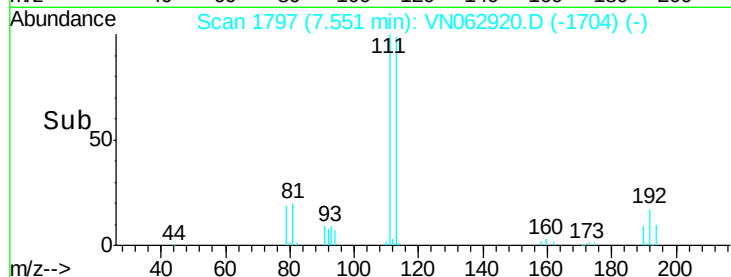
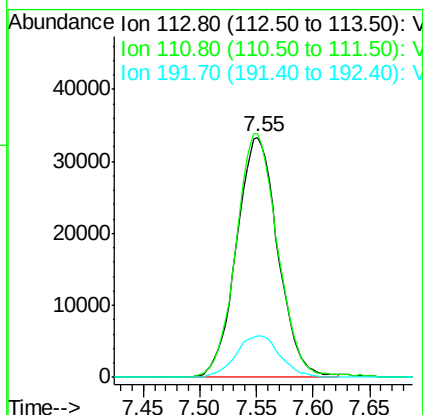
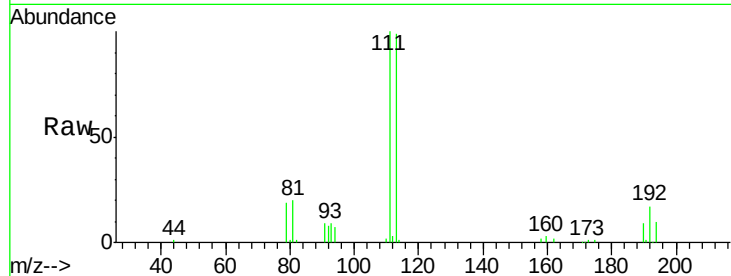




#35
 Dibromofluoromethane
 Concen: 50.717 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062920.D
 Acq: 13 Aug 2020 19:18

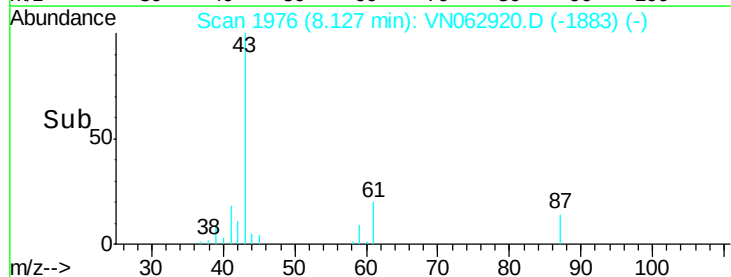
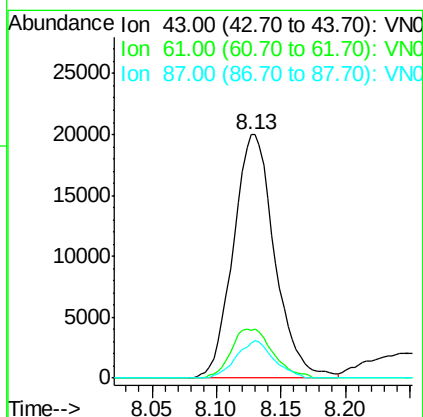
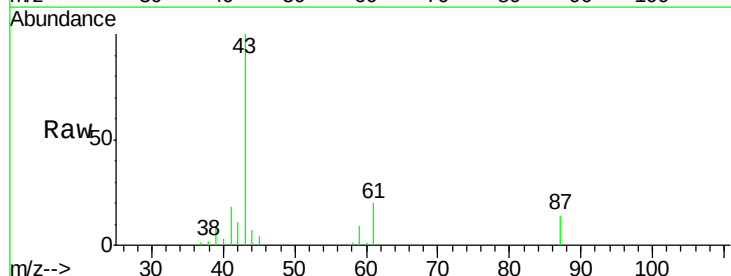
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130936ZHE#03

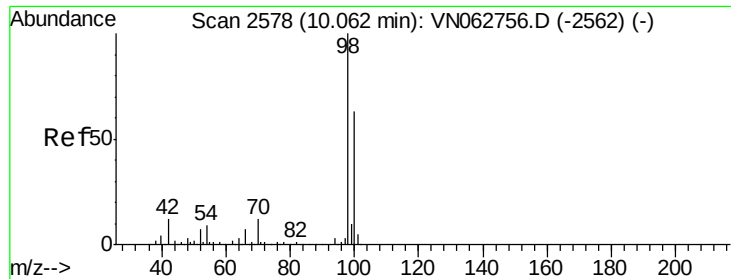
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.6
192	18.3	15.0	22.4



#43
 Isopropyl Acetate
 Concen: 10.779 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062920.D
 Acq: 13 Aug 2020 19:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.8	23.6
87	13.8	9.9	14.9





#50

Toluene-d8

Concen: 49.983 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062920.D

Acq: 13 Aug 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

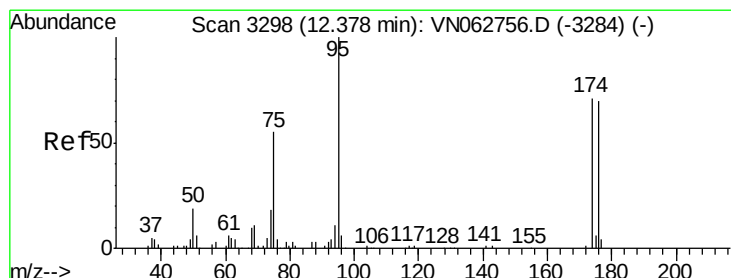
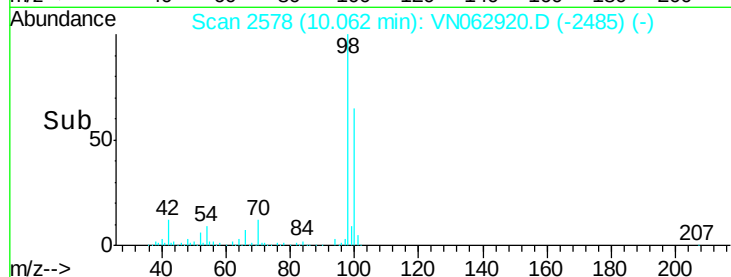
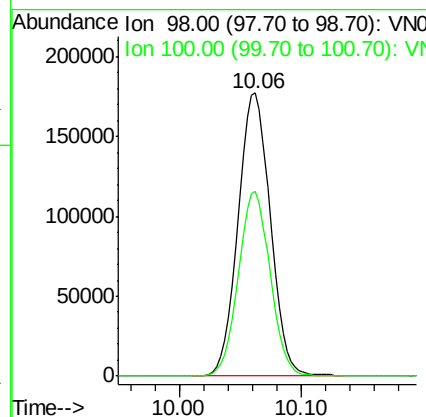
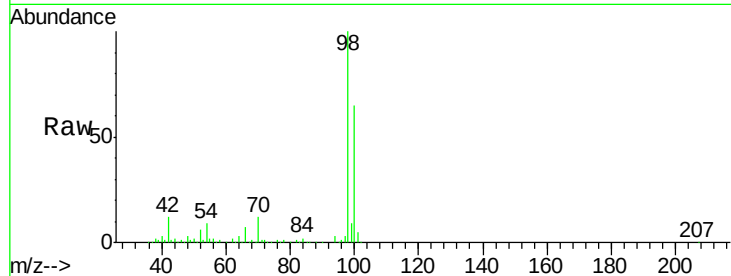
PB130936ZHE#03

Tot Ion: 98 Resp: 325719

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 47.199 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062920.D

Acq: 13 Aug 2020 19:18

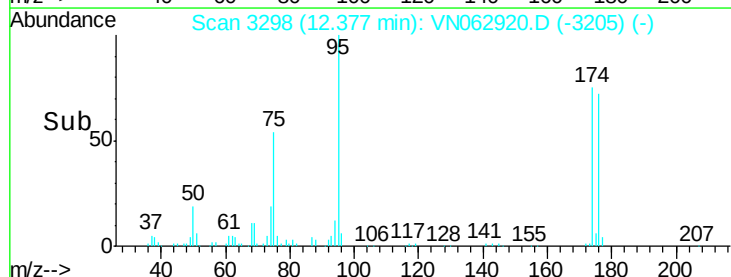
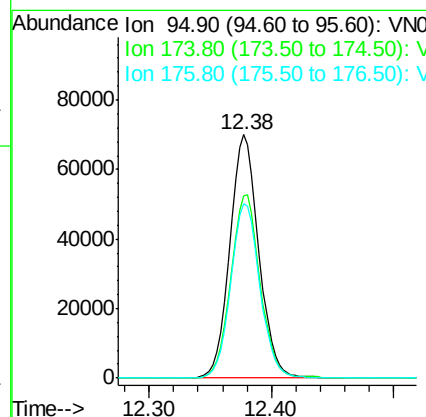
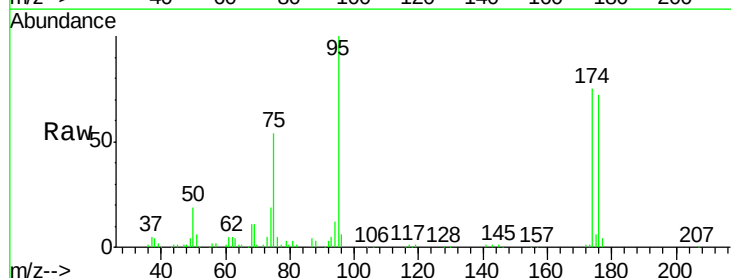
Tgt Ion: 95 Resp: 116233

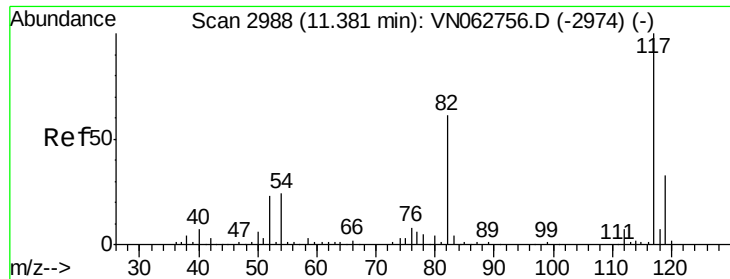
Ion Ratio Lower Upper

95 100

174 76.3 0.0 144.8

176 72.2 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: VN062920.D

Acq: 13 Aug 2020 19:18

Instrument :

MSVOA_N

ClientSampleId :

PB130936ZHE#03

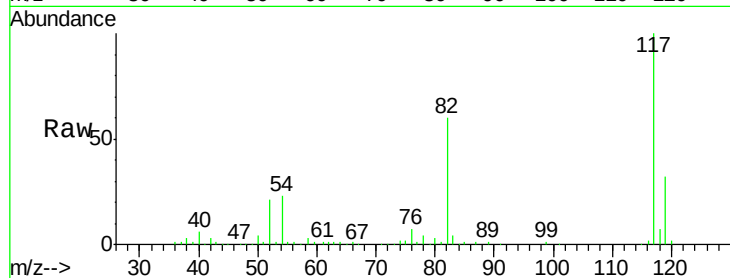
Tot Ion:117 Resp: 258679

Ion Ratio Lower Upper

117 100

82 59.9 49.0 73.4

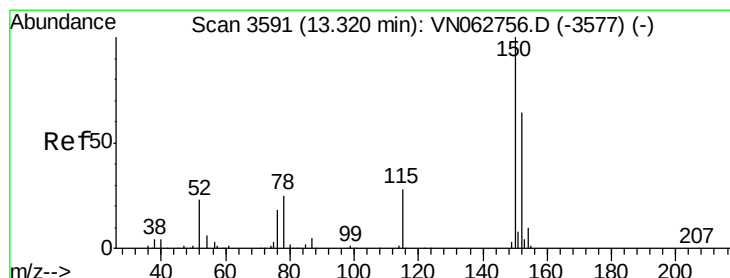
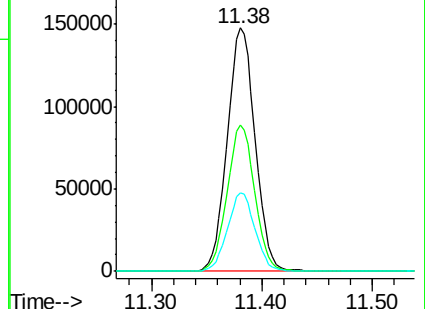
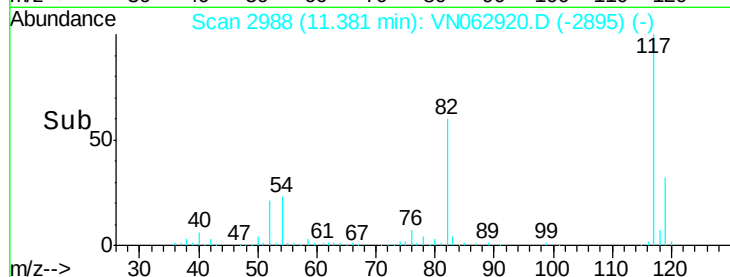
119 32.5 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN062920.D

Acq: 13 Aug 2020 19:18

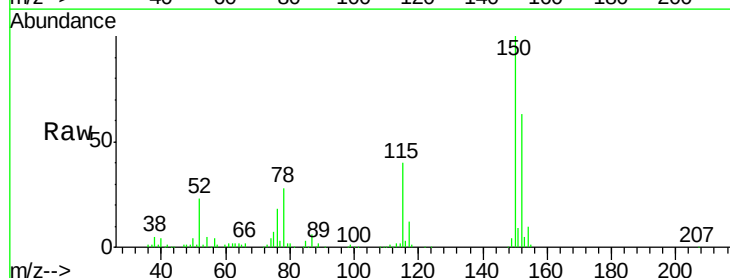
Tgt Ion:152 Resp: 90714

Ion Ratio Lower Upper

152 100

115 64.3 31.6 94.8

150 159.6 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

