

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062919.D
 Acq On : 13 Aug 2020 18:54
 Operator : JC/MD
 Sample : PB130936ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130936ZHE#02

Quant Time: Aug 14 06:34:47 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

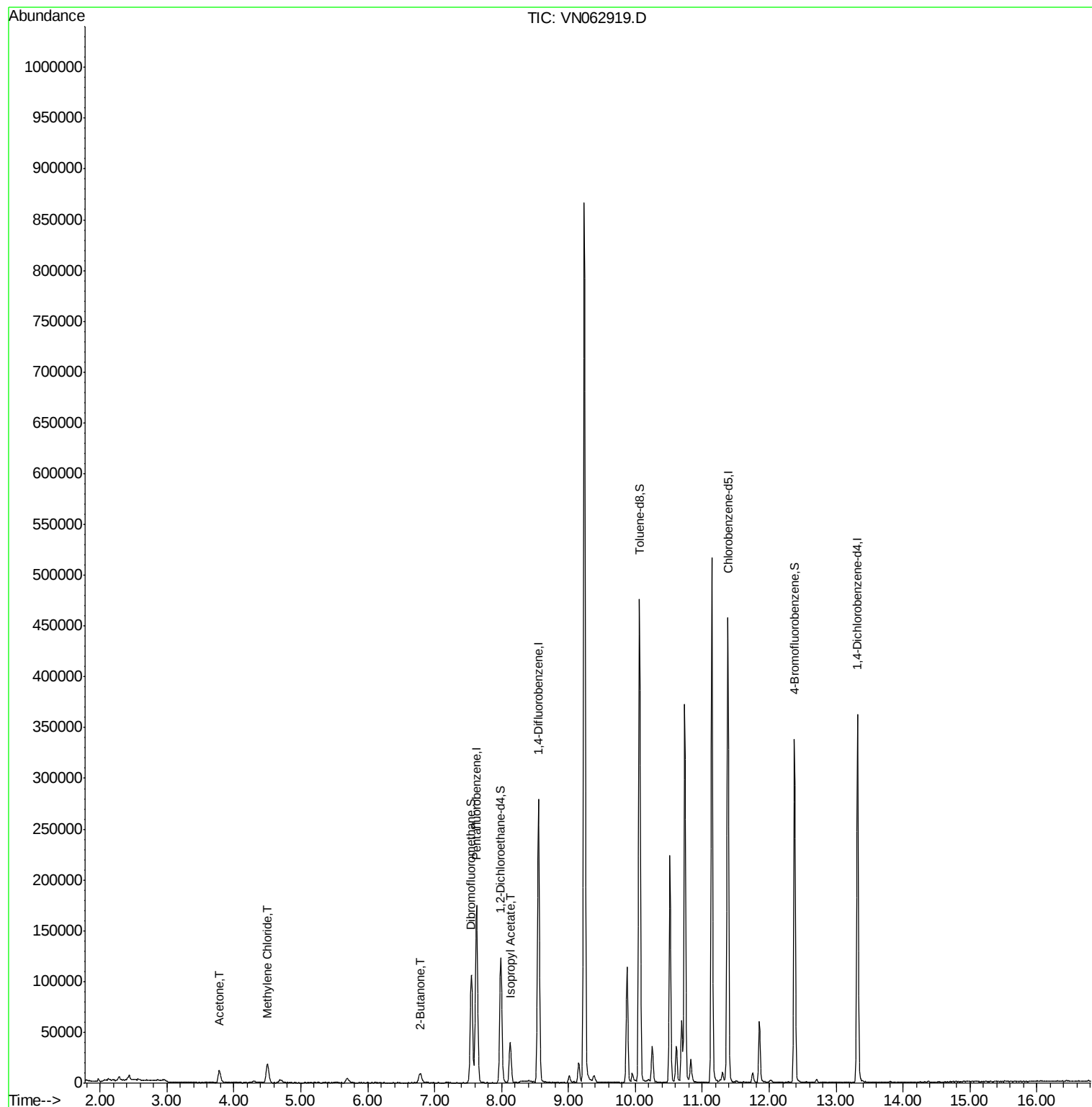
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	135903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	240014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	258184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	95496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	115825	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
35) Dibromofluoromethane	7.55	113	81586	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	10.06	98	322067	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.38	95	118040	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
Target Compounds						
16) Acetone	3.78	43	21015	25.878	ug/l	90
20) Methylene Chloride	4.50	84	13656	8.559	ug/l	95
25) 2-Butanone	6.80	43	4055	3.526	ug/l	90
43) Isopropyl Acetate	8.13	43	46954	11.531	ug/l	98

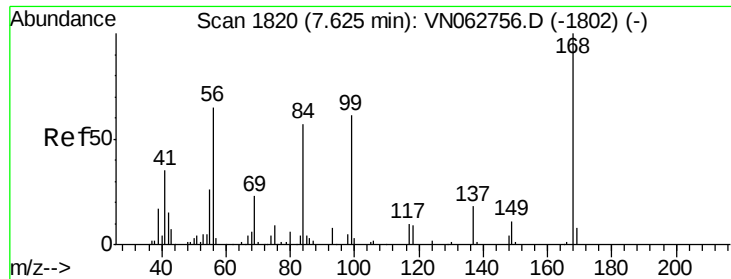
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN062919.D

Acq: 13 Aug 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

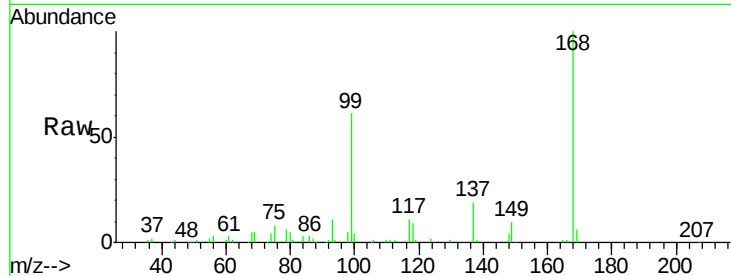
PB130936ZHE#02

Tot Ion:168 Resp: 135903

Ion Ratio Lower Upper

168 100

99 61.3 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

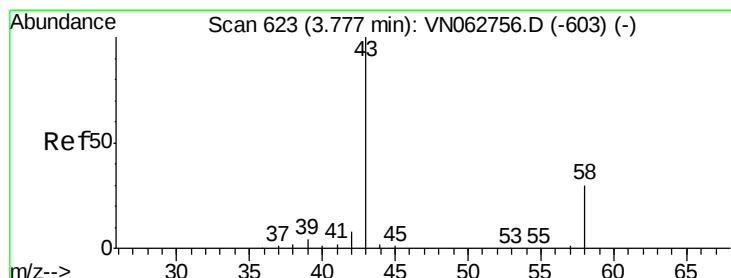
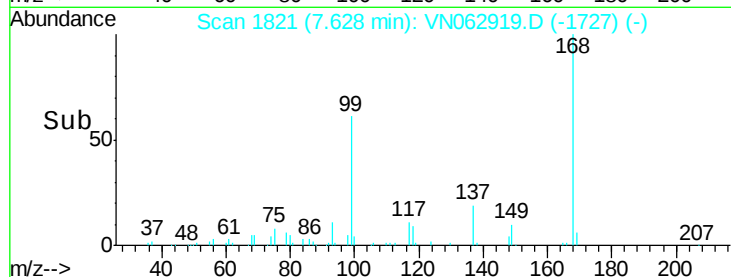
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 25.878 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062919.D

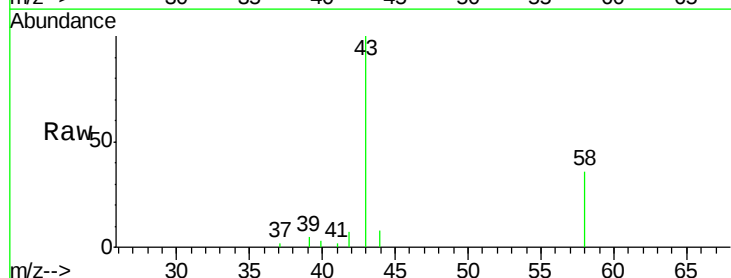
Acq: 13 Aug 2020 18:54

Tgt Ion: 43 Resp: 21015

Ion Ratio Lower Upper

43 100

58 35.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

8000

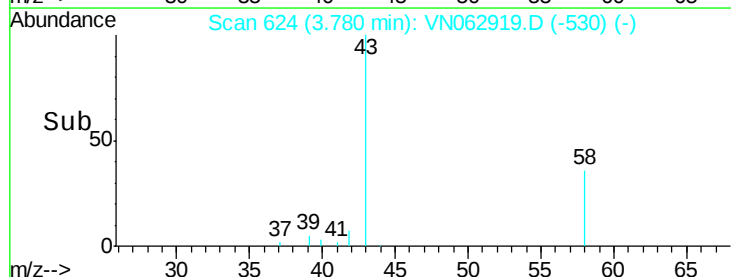
6000

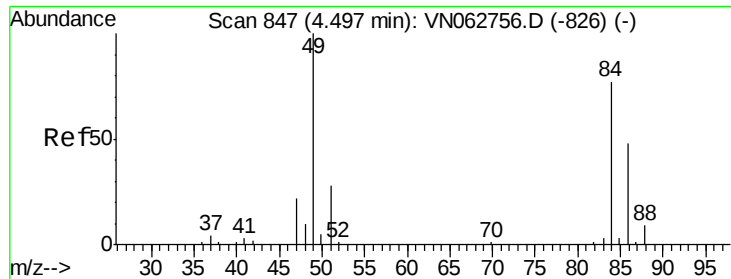
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

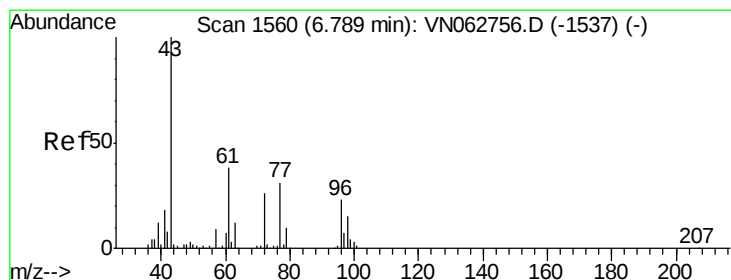
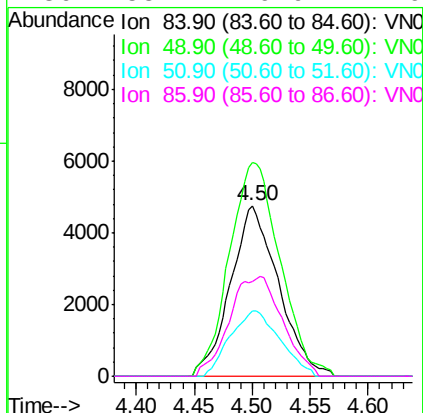
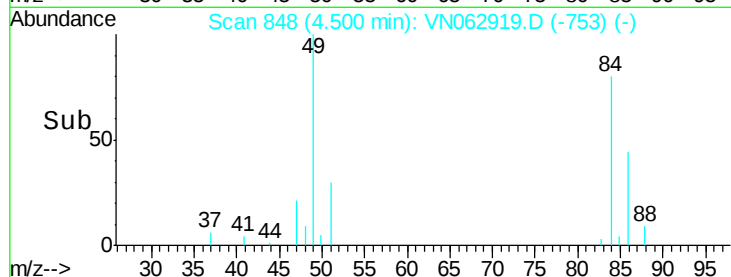
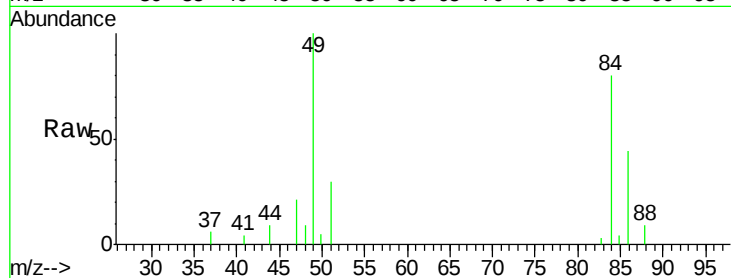




#20
Methvlene Chloride
Concen: 8.559 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062919.D
Acq: 13 Aug 2020 18:54

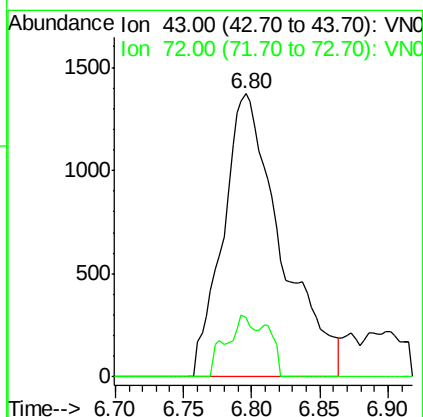
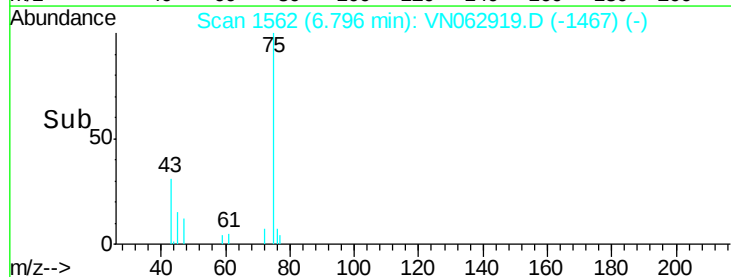
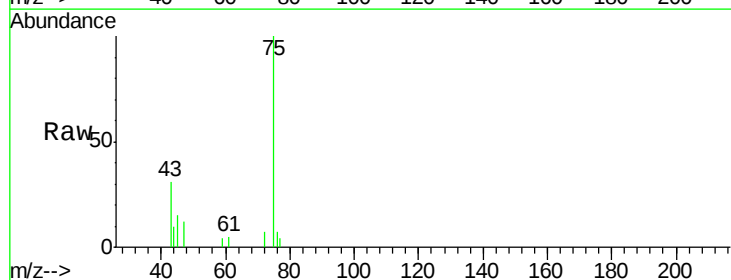
Instrument :
MSVOA_N
ClientSampleId :
PB130936ZHE#02

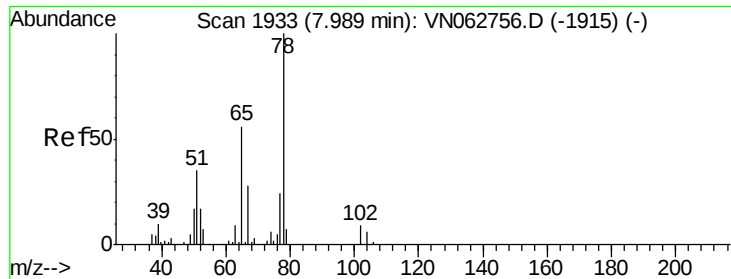
Tot Ion:	84	Resp:	13656
Ion	Ratio	Lower	Upper
84	100		
49	125.3	103.4	155.2
51	38.1	29.3	43.9
86	55.7	49.9	74.9



#25
2-Butanone
Concen: 3.526 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN062919.D
Acq: 13 Aug 2020 18:54

Tgt Ion:	43	Resp:	4055
Ion	Ratio	Lower	Upper
43	100		
72	21.2	21.1	31.7

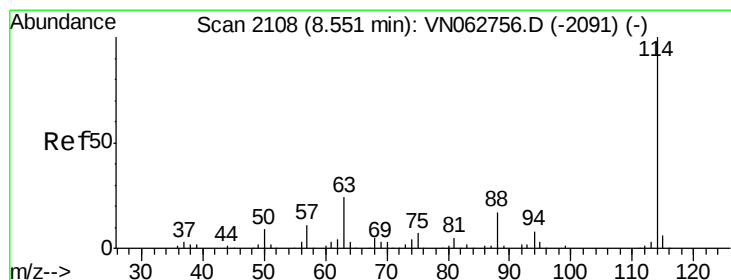
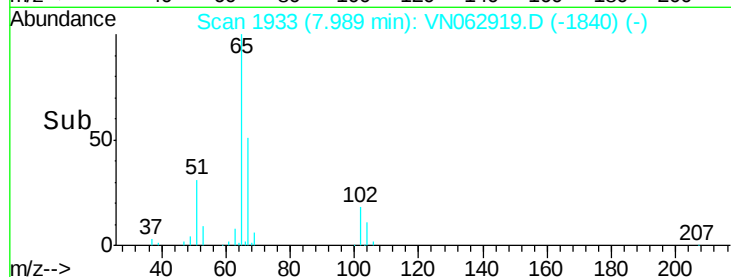
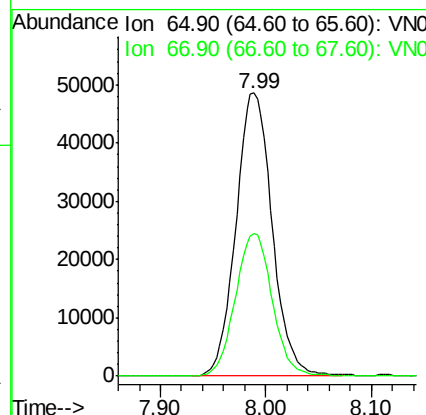
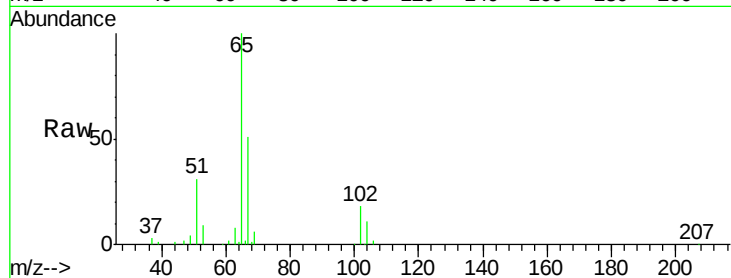




#33
 1,2-Dichloroethane-d4
 Concen: 51.537 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062919.D
 Acq: 13 Aug 2020 18:54

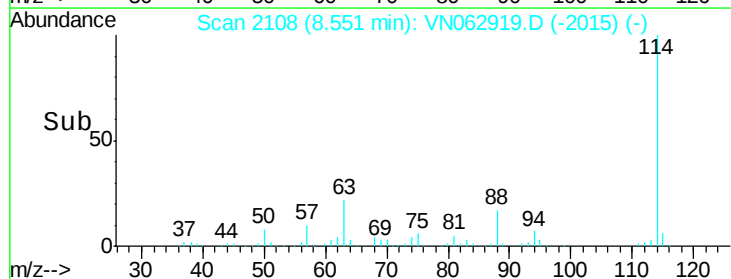
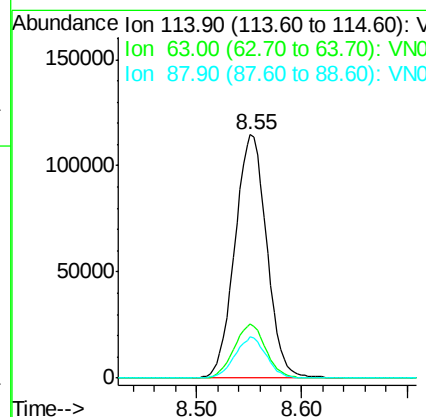
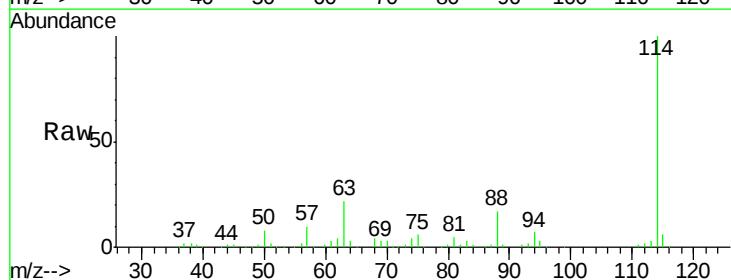
Instrument :
 MSVOA_N
 ClientSampleId :
 PB130936ZHE#02

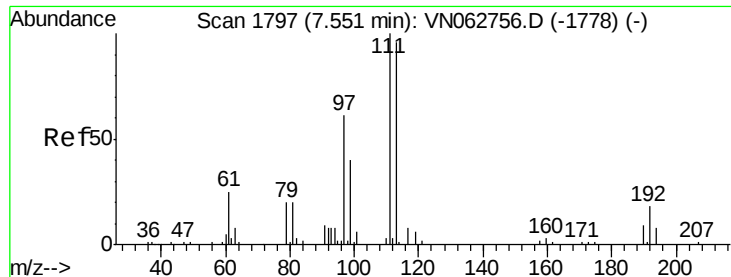
Tot Ion: 65 Resp: 115825
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062919.D
 Acq: 13 Aug 2020 18:54

Tgt Ion: 114 Resp: 240014
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 47.6
 88 16.8 0.0 34.4





#35

Dibromofluoromethane

Concen: 49.692 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062919.D

Acq: 13 Aug 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

PB130936ZHE#02

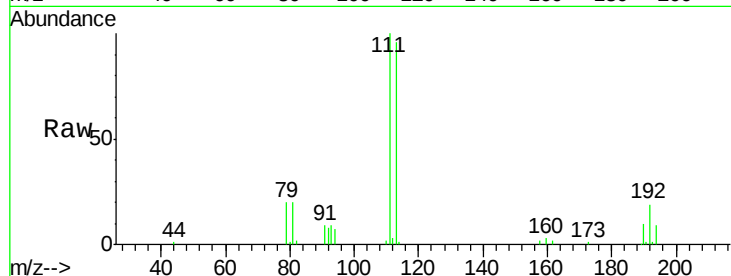
Tot Ion:113 Resp: 81586

Ion Ratio Lower Upper

113 100

111 106.1 81.8 122.6

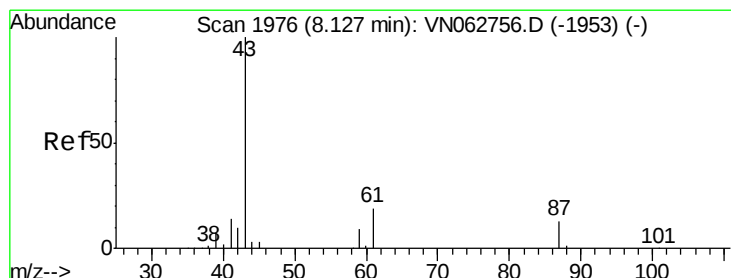
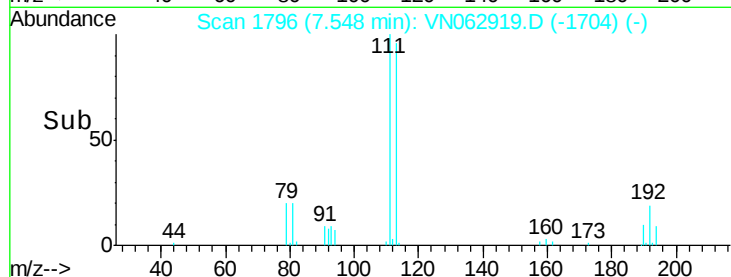
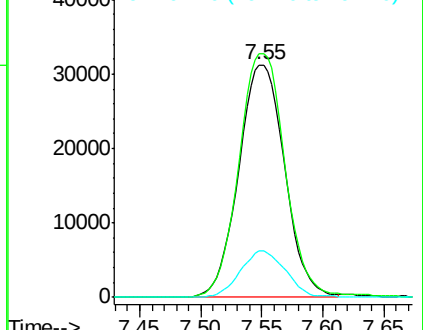
192 19.7 15.0 22.4



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



#43

Isopropyl Acetate

Concen: 11.531 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN062919.D

Acq: 13 Aug 2020 18:54

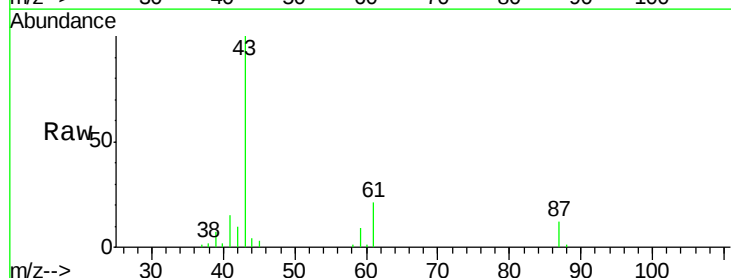
Tgt Ion: 43 Resp: 46954

Ion Ratio Lower Upper

43 100

61 18.9 15.8 23.6

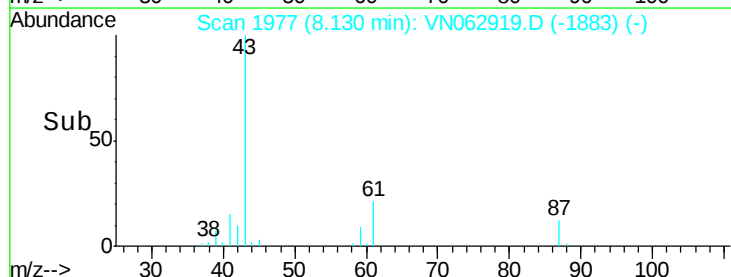
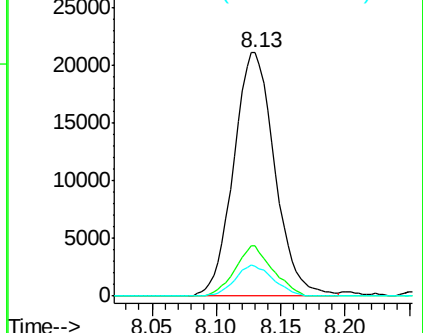
87 11.8 9.9 14.9

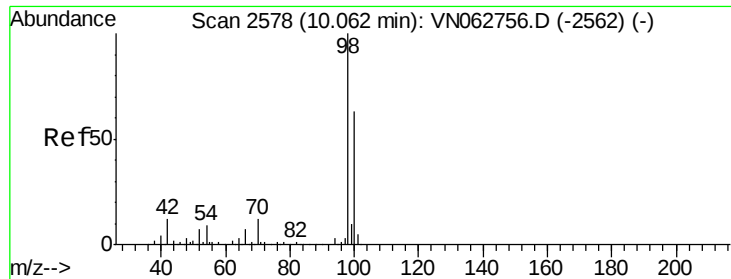


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 50.246 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062919.D

Acq: 13 Aug 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

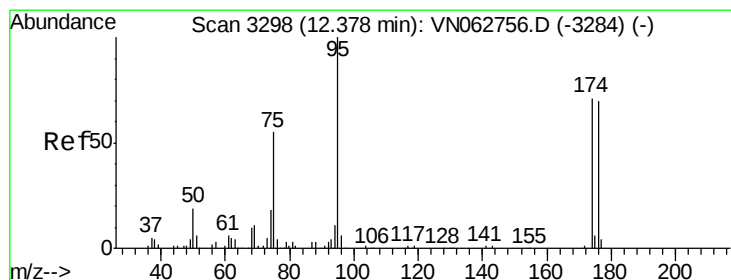
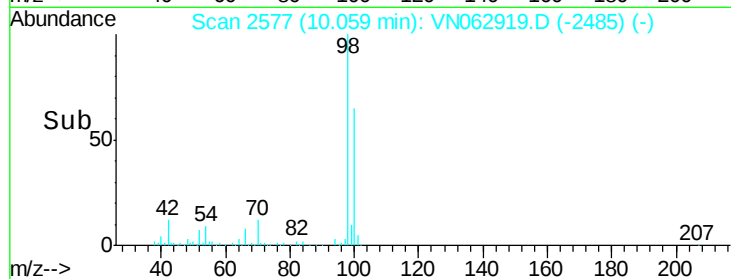
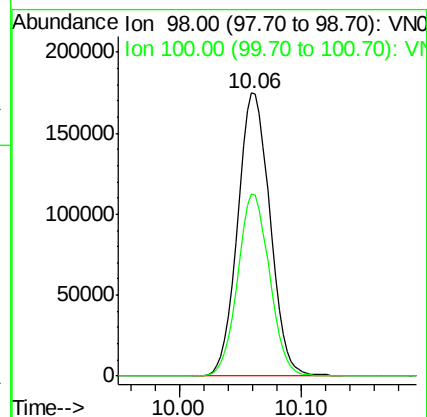
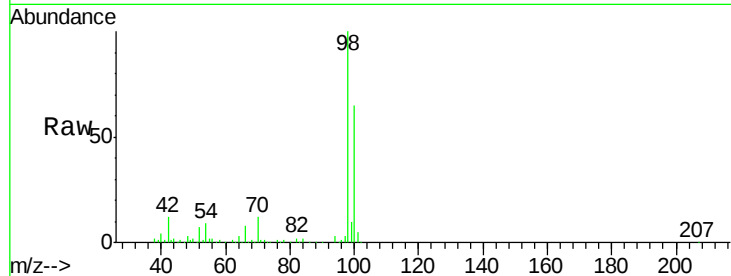
PB130936ZHE#02

Tot Ion: 98 Resp: 322067

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.731 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062919.D

Acq: 13 Aug 2020 18:54

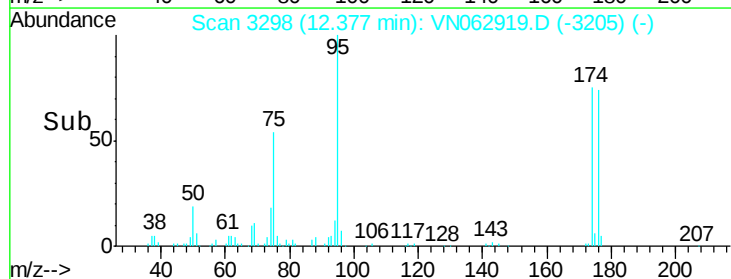
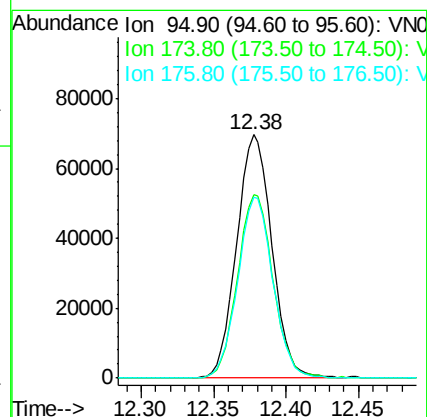
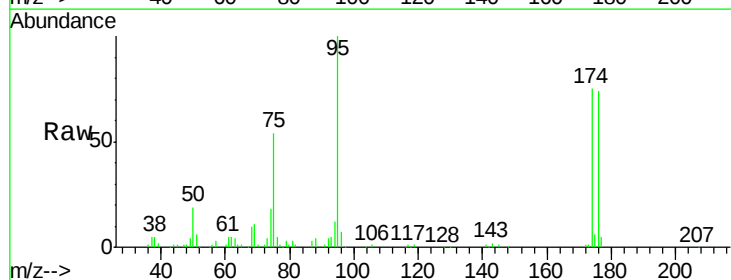
Tgt Ion: 95 Resp: 118040

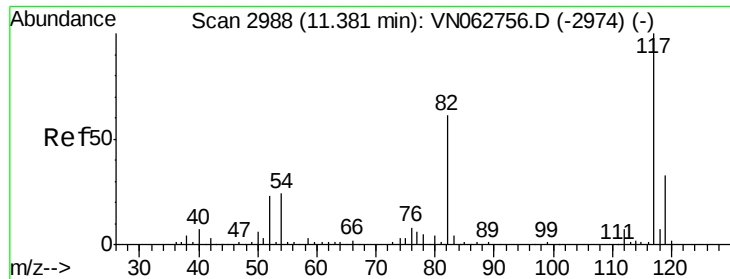
Ion Ratio Lower Upper

95 100

174 75.8 0.0 144.8

176 73.9 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: VN062919.D

Acq: 13 Aug 2020 18:54

Instrument :

MSVOA_N

ClientSampleId :

PB130936ZHE#02

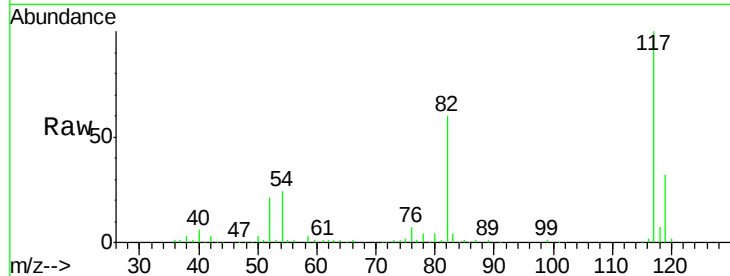
Tot Ion:117 Resp: 258184

Ion Ratio Lower Upper

117 100

82 60.5 49.0 73.4

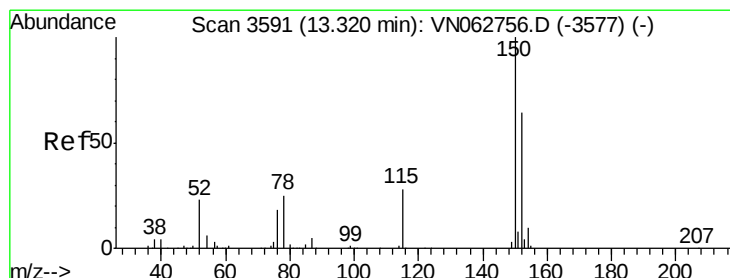
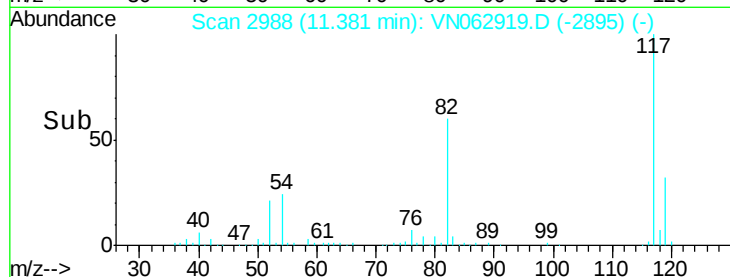
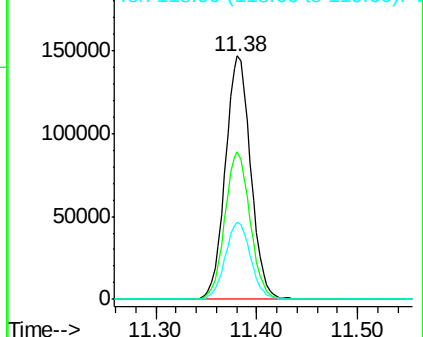
119 31.7 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VN062919.D

Acq: 13 Aug 2020 18:54

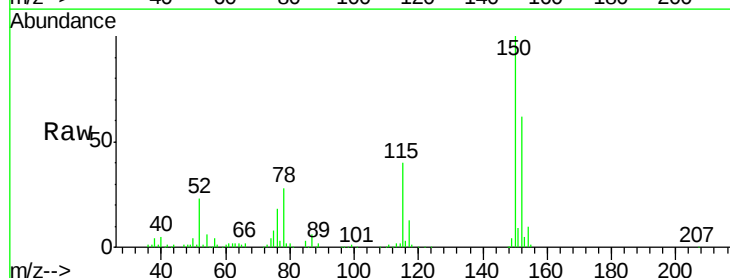
Tgt Ion:152 Resp: 95496

Ion Ratio Lower Upper

152 100

115 63.8 31.6 94.8

150 161.8 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

