

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063388.D
 Acq On : 17 Sep 2020 1:28
 Operator : JC/MD
 Sample : PB131646ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#15

Quant Time: Sep 17 05:20:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

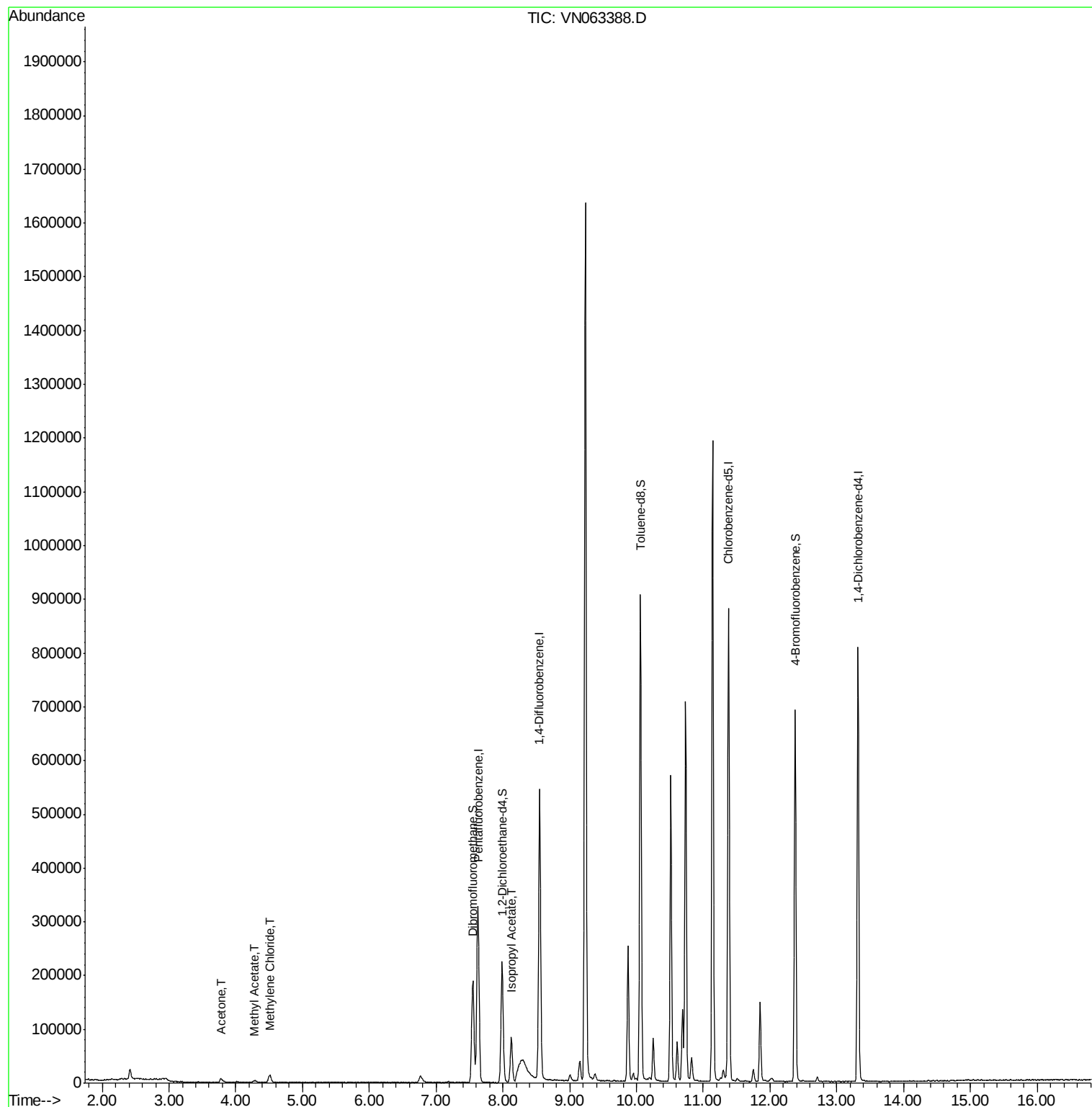
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	240130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	449355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	450224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	196962	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
35) Dibromofluoromethane	7.55	113	142557	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
50) Toluene-d8	10.06	98	586849	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.38	95	237087	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
Target Compounds						
16) Acetone	3.78	43	10855	8.263	ug/l	99
18) Methyl Acetate	4.29	43	4917	1.474	ug/l #	81
20) Methylene Chloride	4.50	84	8948	2.688	ug/l	92
43) Isopropyl Acetate	8.13	43	100459	11.957	ug/l	98

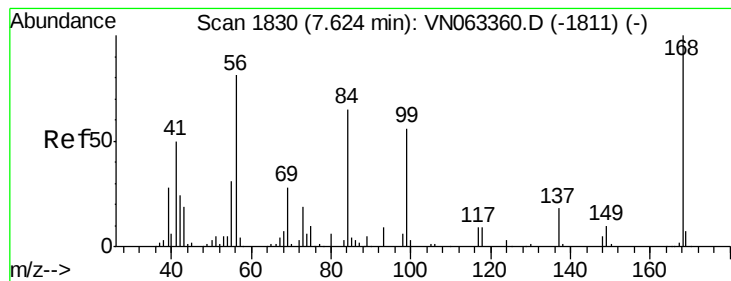
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063388.D

Acq: 17 Sep 2020 1:28

Instrument :

MSVOA_N

ClientSampleId :

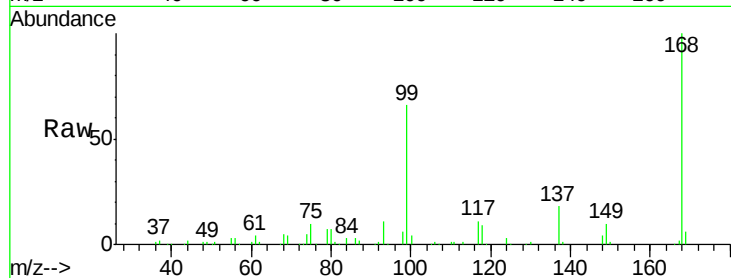
PB131646ZHE#15

Tot Ion:168 Resp: 240130

Ion Ratio Lower Upper

168 100

99 65.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

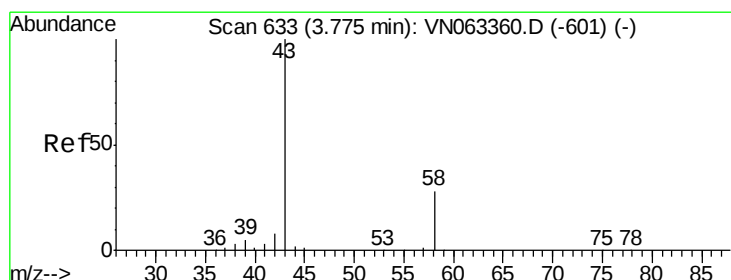
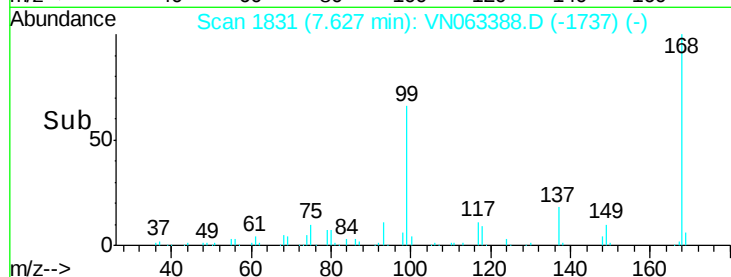
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.263 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063388.D

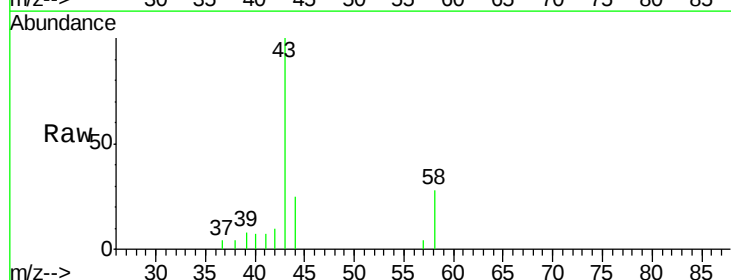
Acq: 17 Sep 2020 1:28

Tgt Ion: 43 Resp: 10855

Ion Ratio Lower Upper

43 100

58 28.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

4000

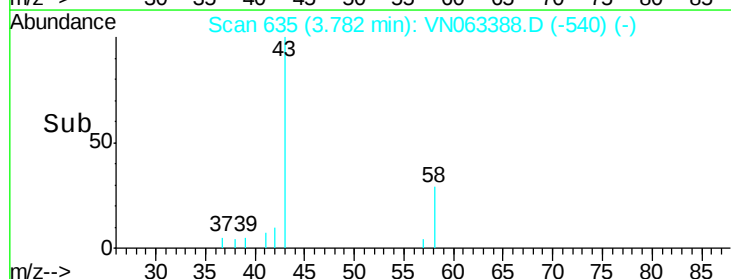
3000

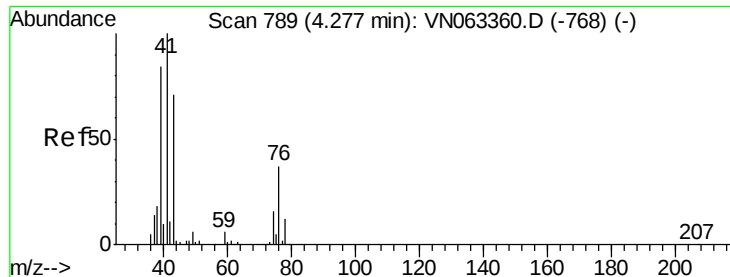
2000

1000

0

Time-->

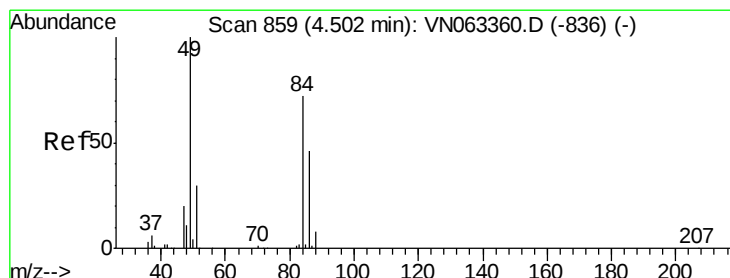
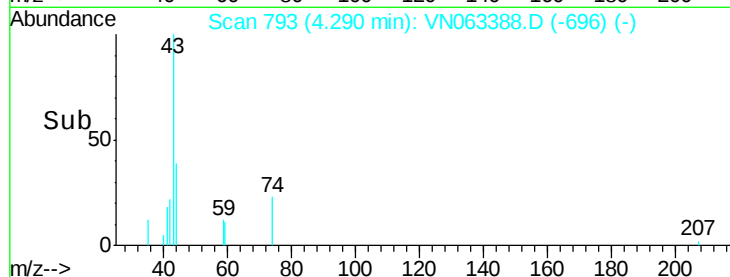
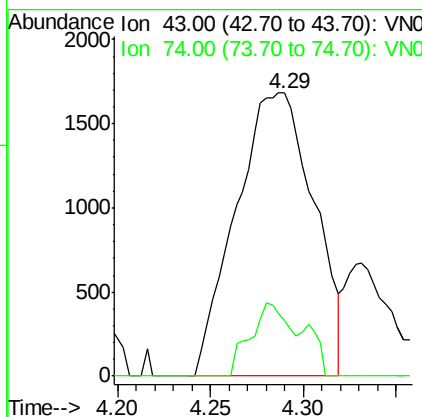
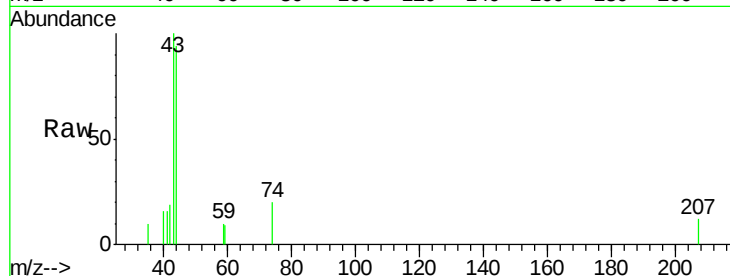




#18
Methyl Acetate
Concen: 1.474 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063388.D
Acq: 17 Sep 2020 1:28

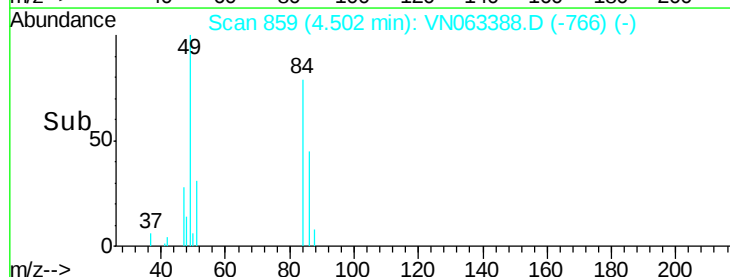
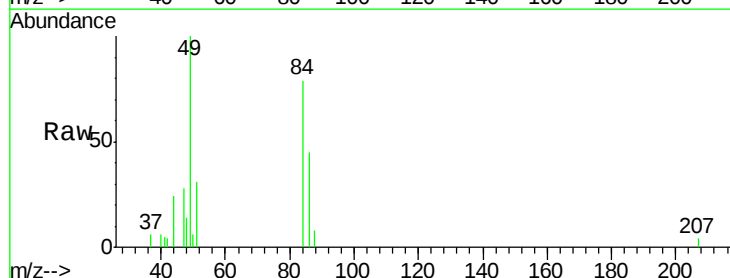
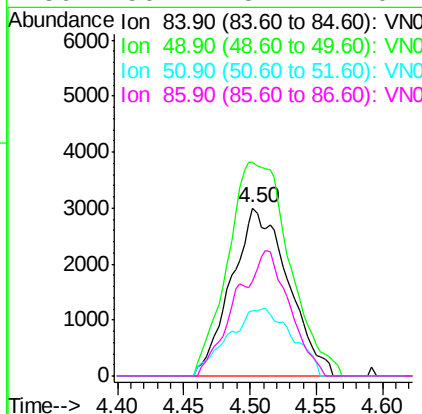
Instrument :
MSVOA_N
ClientSampleId :
PB131646ZHE#15

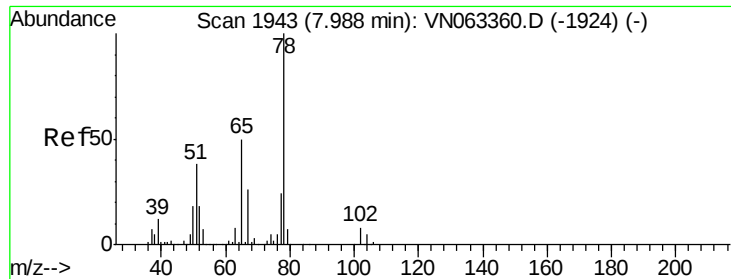
Tot Ion: 43 Resp: 4917
Ion Ratio Lower Upper
43 100
74 12.9 17.4 26.2#



#20
Methylene Chloride
Concen: 2.688 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063388.D
Acq: 17 Sep 2020 1:28

Tgt Ion: 84 Resp: 8948
Ion Ratio Lower Upper
84 100
49 127.2 110.7 166.1
51 39.0 32.9 49.3
86 56.7 51.1 76.7

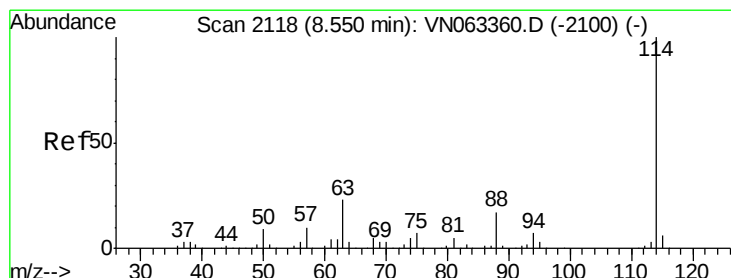
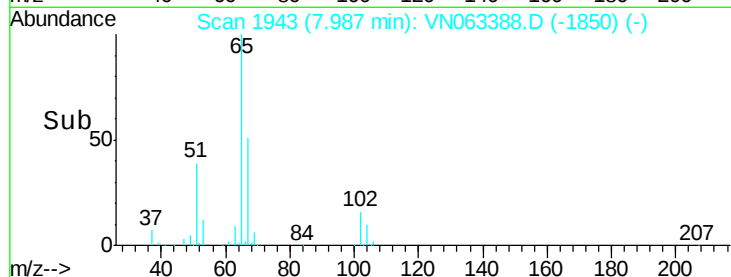
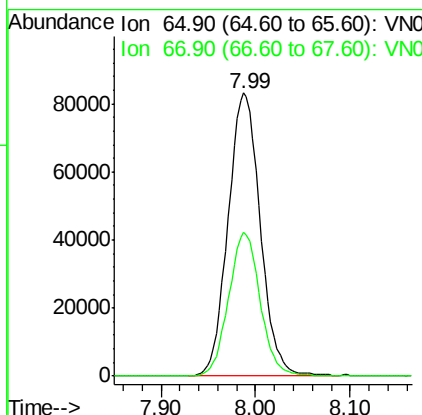
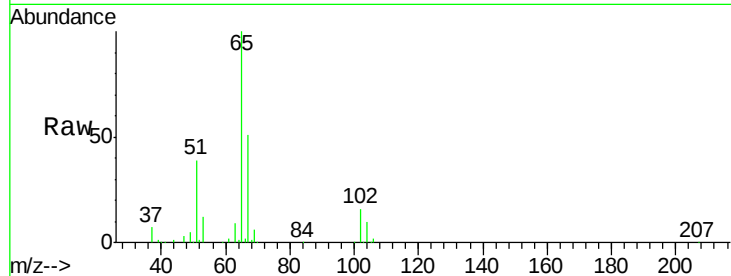




#33
 1,2-Dichloroethane-d4
 Concen: 48.185 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063388.D
 Acq: 17 Sep 2020 1:28

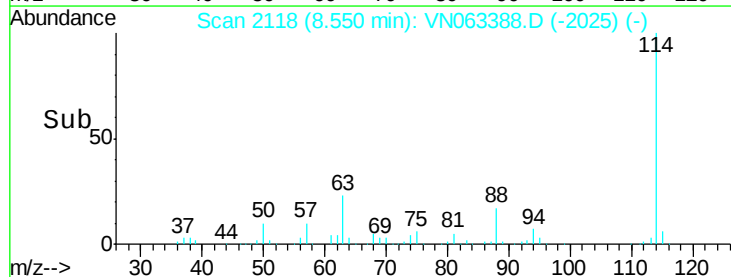
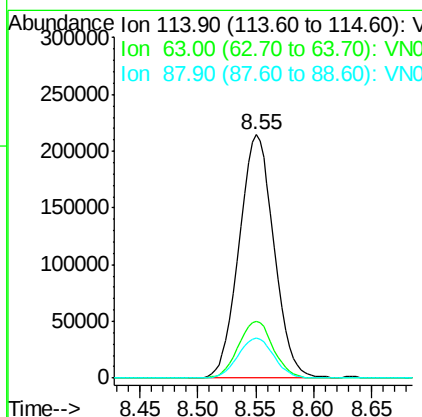
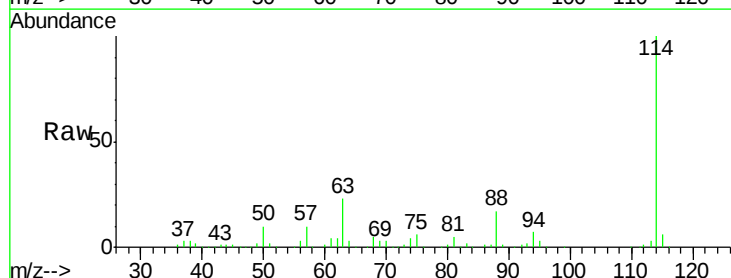
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#15

Tot Ion: 65 Resp: 196962
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063388.D
 Acq: 17 Sep 2020 1:28

Tgt Ion: 114 Resp: 449355
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.4
 88 16.5 0.0 33.2

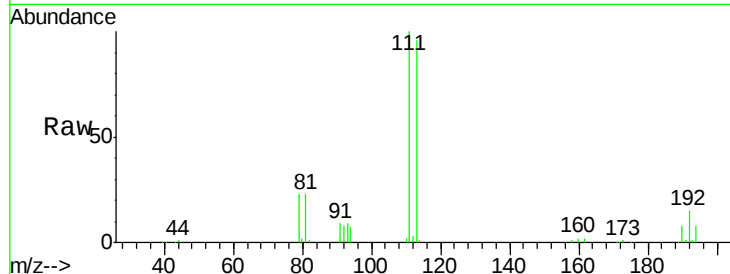




#35
 Dibromofluoromethane
 Concen: 45.827 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063388.D
 Acq: 17 Sep 2020 1:28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131646ZHE#15

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	16.8	13.9	20.9

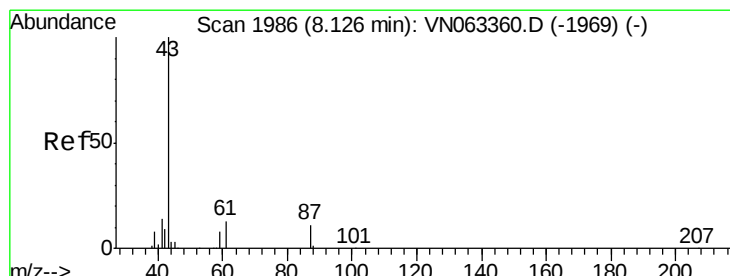
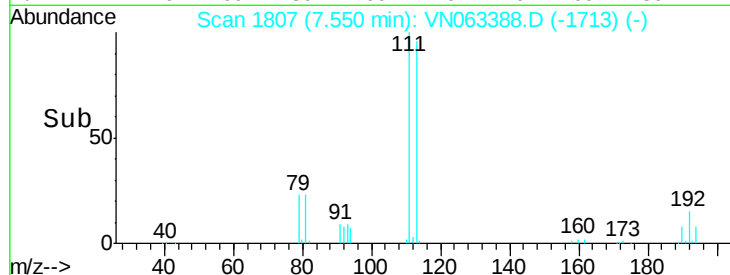
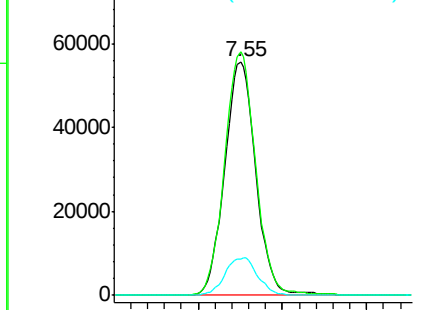


Abundance

Ion 112.80 (112.50 to 113.50): V

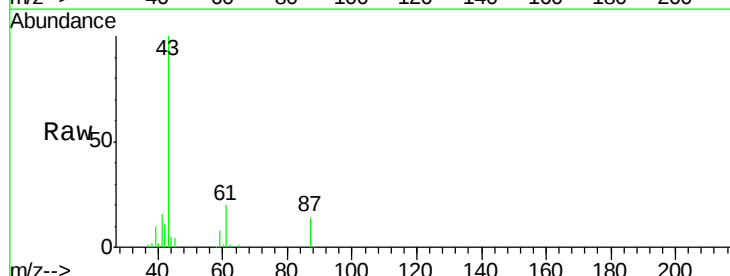
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43
 Isopropyl Acetate
 Concen: 11.957 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN063388.D
 Acq: 17 Sep 2020 1:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.2	21.2
87	12.2	9.0	13.6

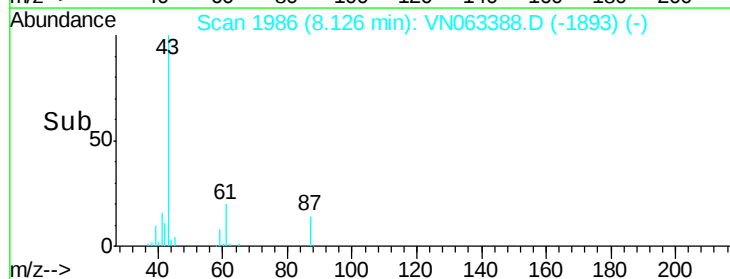
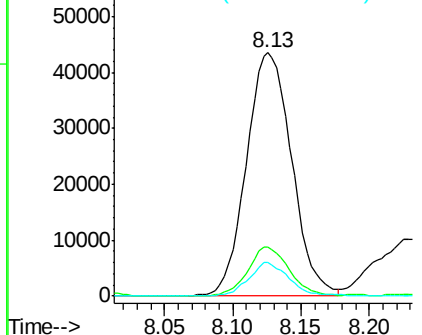


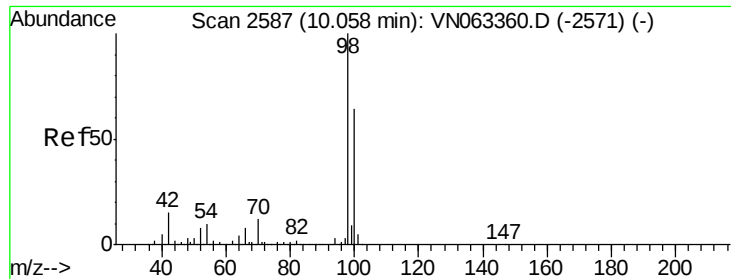
Abundance

Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.170 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063388.D

Acq: 17 Sep 2020 1:28

Instrument :

MSVOA_N

ClientSampleId :

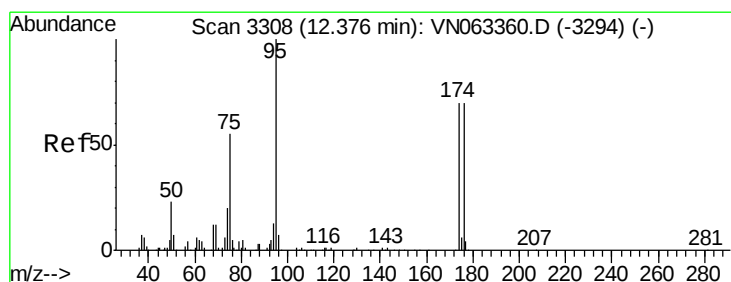
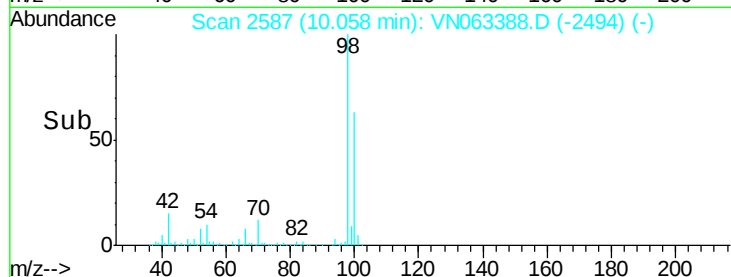
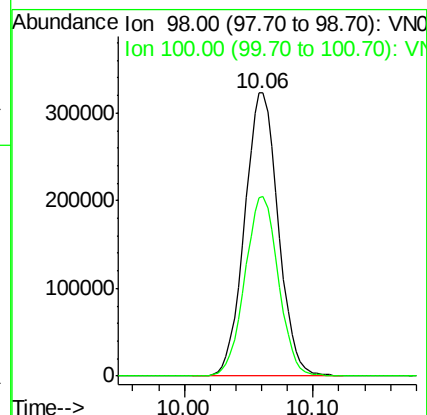
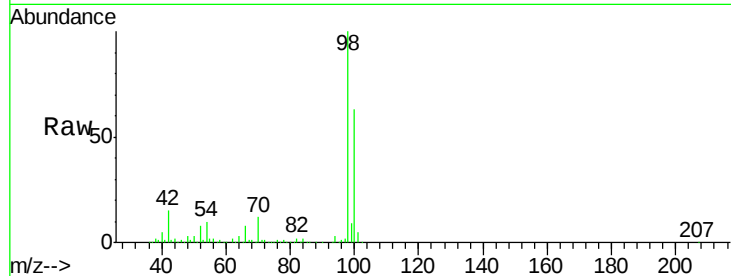
PB131646ZHE#15

Tot Ion: 98 Resp: 586849

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 55.291 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063388.D

Acq: 17 Sep 2020 1:28

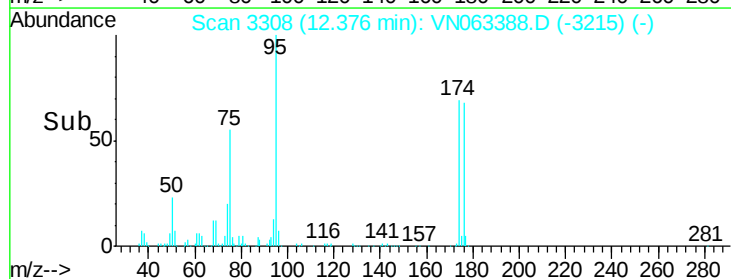
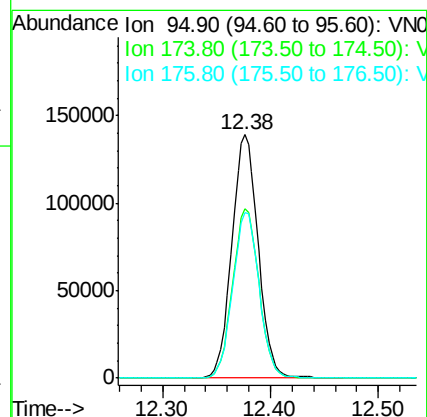
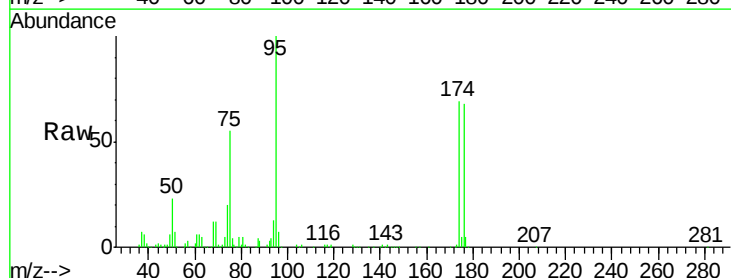
Tgt Ion: 95 Resp: 237087

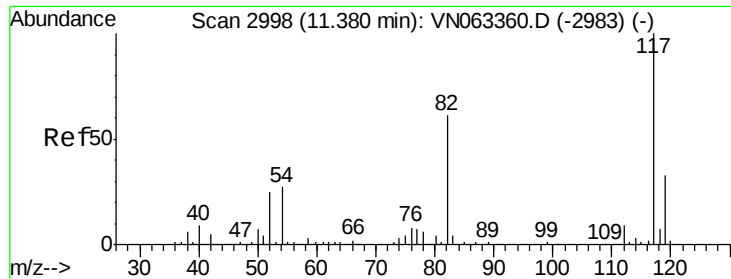
Ion Ratio Lower Upper

95 100

174 69.6 0.0 140.8

176 68.1 0.0 137.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063388.D

Acq: 17 Sep 2020 1:28

Instrument :

MSVOA_N

ClientSampleId :

PB131646ZHE#15

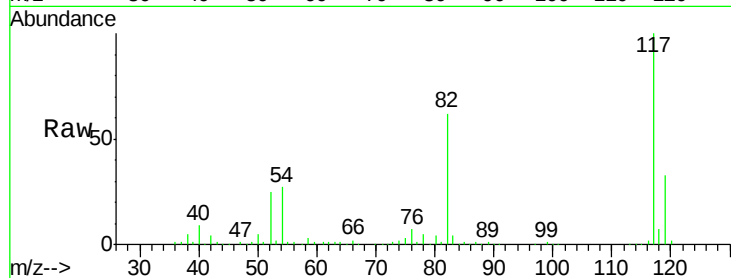
Tot Ion:117 Resp: 450224

Ion Ratio Lower Upper

117 100

82 62.1 49.2 73.8

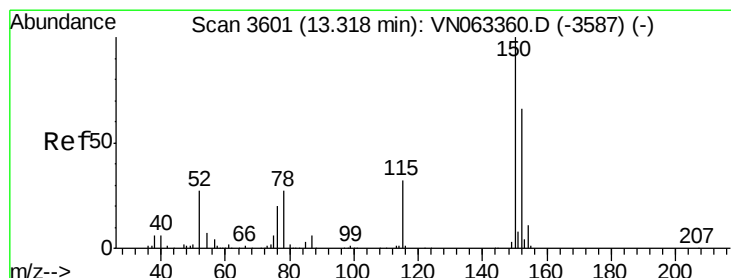
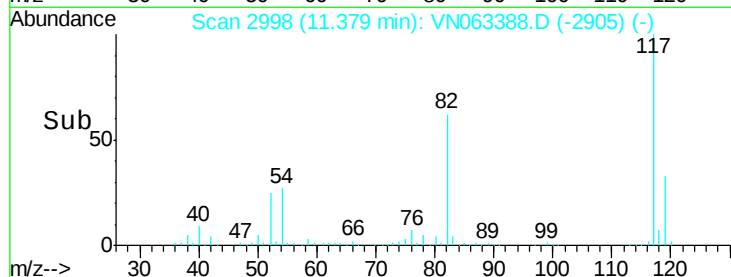
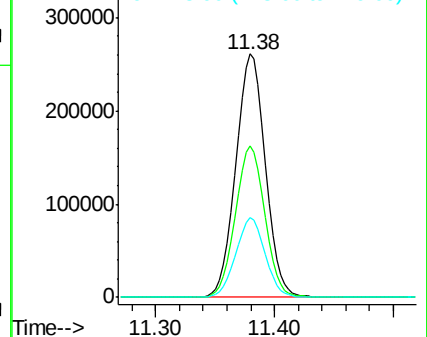
119 32.5 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063388.D

Acq: 17 Sep 2020 1:28

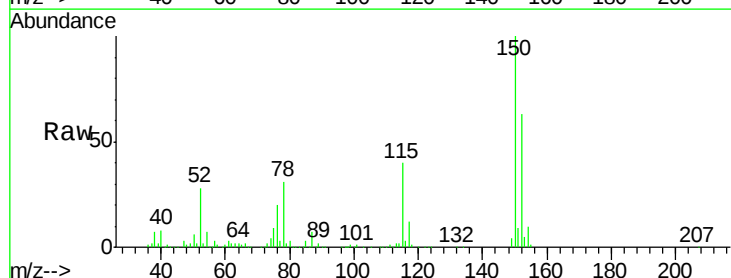
Tgt Ion:152 Resp: 194236

Ion Ratio Lower Upper

152 100

115 62.6 32.2 96.6

150 158.2 0.0 343.4



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

