

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063613.D
 Acq On : 24 Sep 2020 2:05
 Operator : JC/MD
 Sample : PB131813TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131813TB

Manual Integrations
 APPROVED

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 9/24/2020 1:38:26 PM

Quant Time: Sep 24 05:32:14 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	200781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	392345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	163020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	170736	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	7.55	113	124021	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
50) Toluene-d8	10.06	98	498146	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.38	95	195931	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
Target Compounds						
16) Acetone	3.78	43	12365	11.257	ug/l	96
18) Methyl Acetate	4.29	43	4721m	1.693	ug/l	
20) Methylene Chloride	4.51	84	10478	3.765	ug/l	85
43) Isopropyl Acetate	8.13	43	77491	10.677	ug/l	99

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

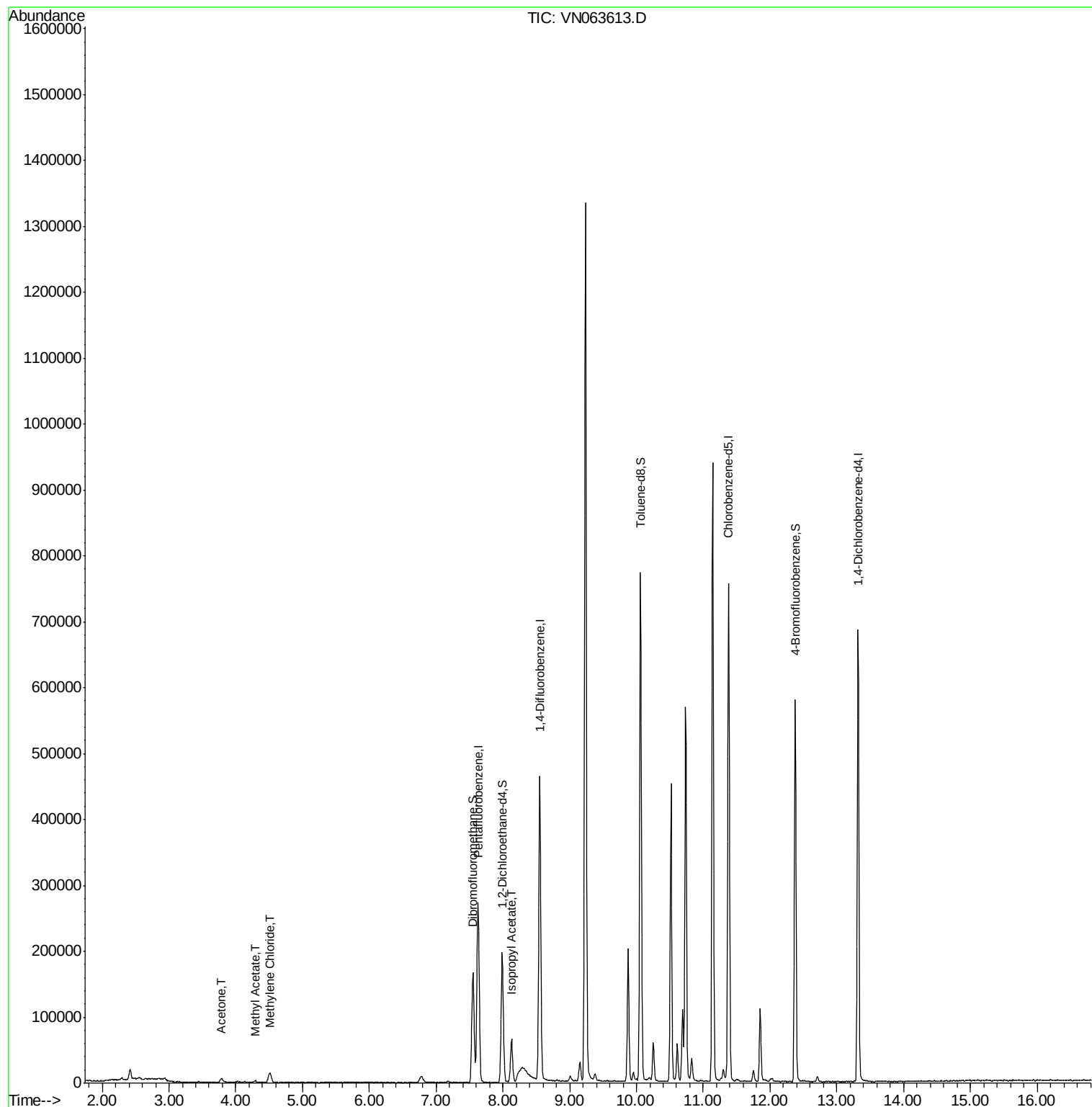
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
Data File : VN063613.D
Acq On : 24 Sep 2020 2:05
Operator : JC/MD
Sample : PB131813TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 38 Sample Multiplier: 1

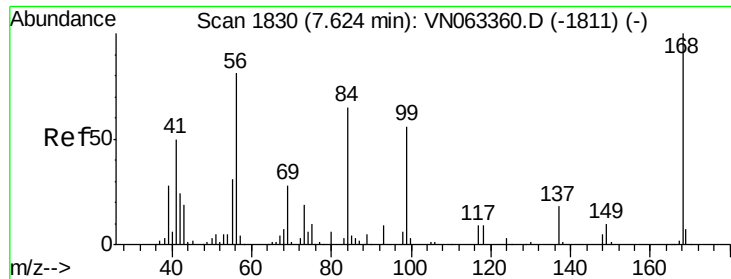
Instrument :
MSVOA_N
ClientSampleId :
PB131813TB

Manual Integrations
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Quant Time: Sep 24 05:32:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063613.D

Acq: 24 Sep 2020 2:05

Instrument :

MSVOA_N

ClientSampleId :

PB131813TB

Tot Ion:168 Resp: 200781

Ion Ratio Lower Upper

168 100

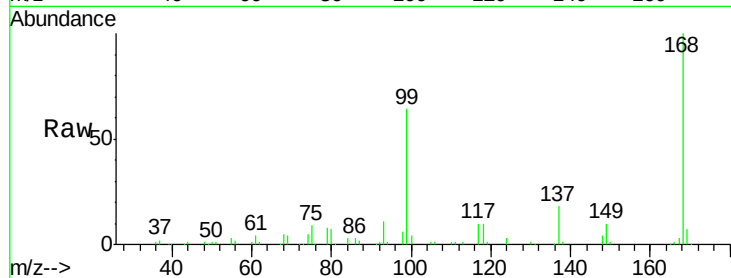
99 64.0 53.0 79.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

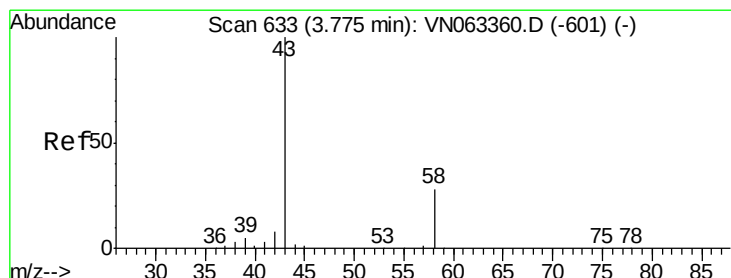
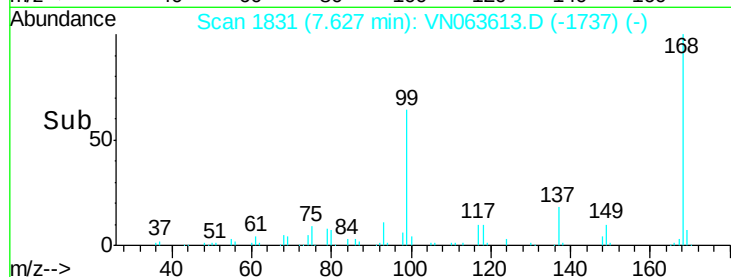
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 11.257 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063613.D

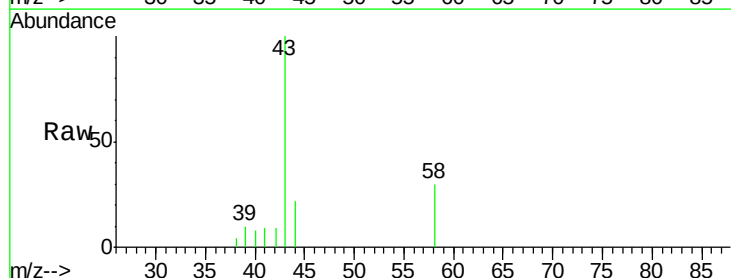
Acq: 24 Sep 2020 2:05

Tgt Ion: 43 Resp: 12365

Ion Ratio Lower Upper

43 100

58 30.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

4000

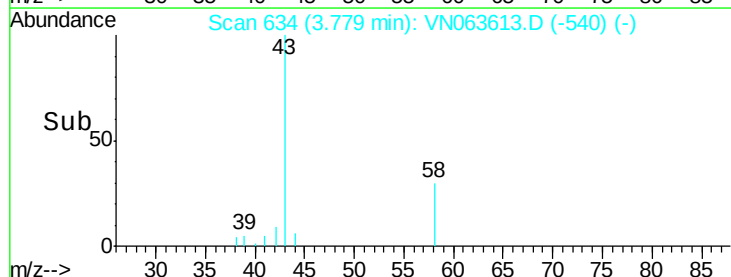
3000

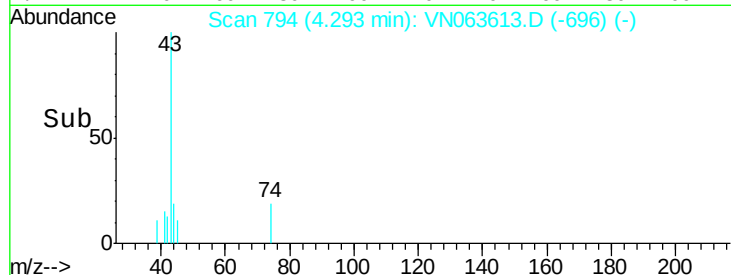
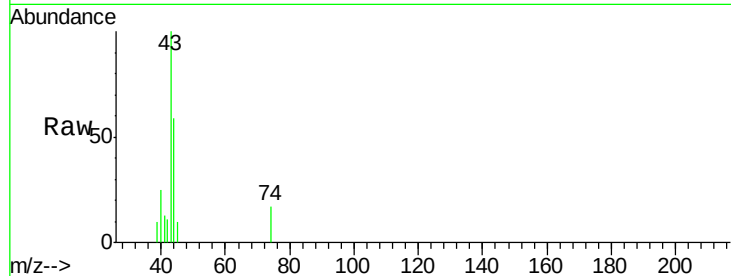
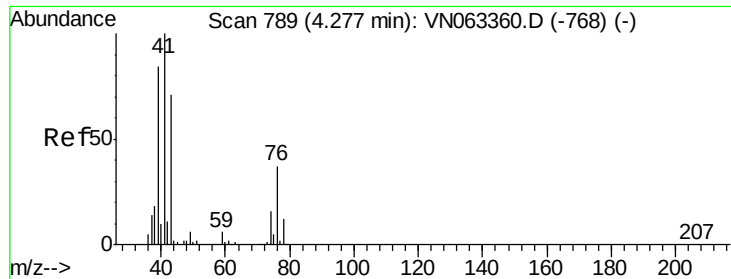
2000

1000

0

Time--> 3.70 3.80 3.90





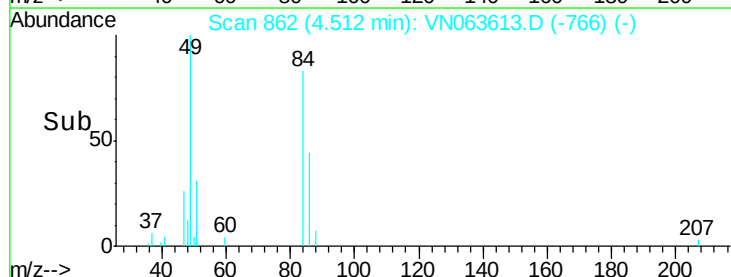
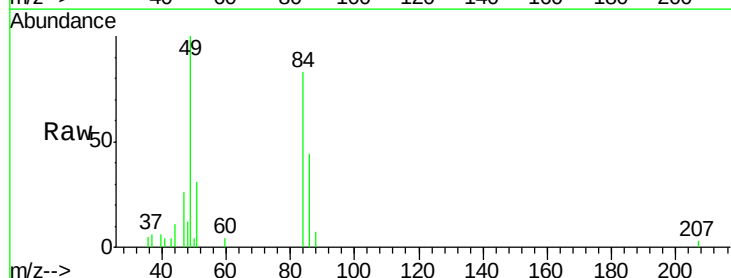
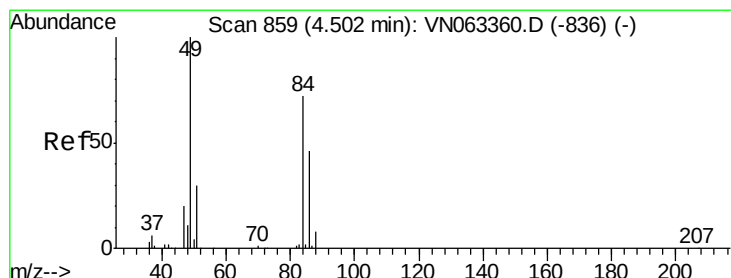
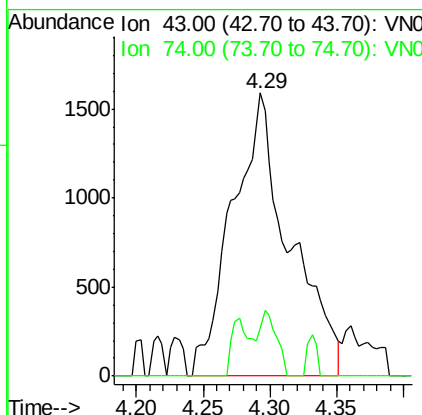
#18
Methyl Acetate
Concen: 1.693 ug/l m
RT: 4.29 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN063613.D
Acq: 24 Sep 2020 2:05

Tot Ion: 43 Resp: 4721
Ion Ratio Lower Upper
43 100
74 6.5 17.4 26.2#

Instrument :
MSVOA_N
ClientSampleId :
PB131813TB

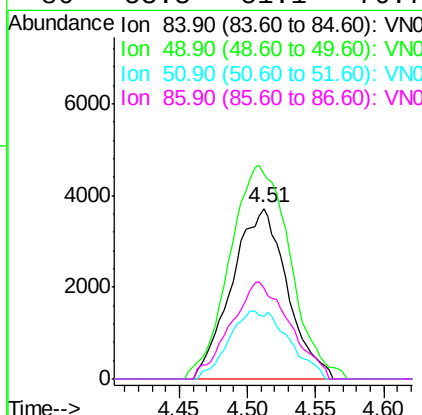
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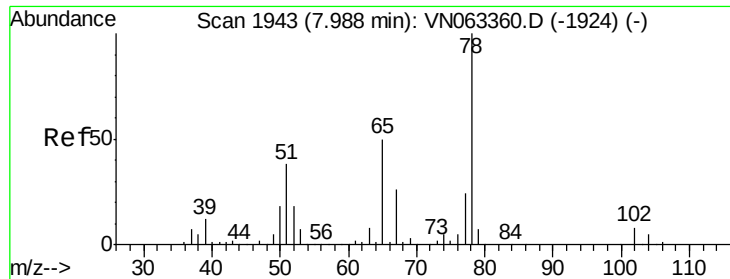
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#20
Methylene Chloride
Concen: 3.765 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN063613.D
Acq: 24 Sep 2020 2:05

Tgt Ion: 84 Resp: 10478
Ion Ratio Lower Upper
84 100
49 115.6 110.7 166.1
51 37.0 32.9 49.3
86 53.3 51.1 76.7





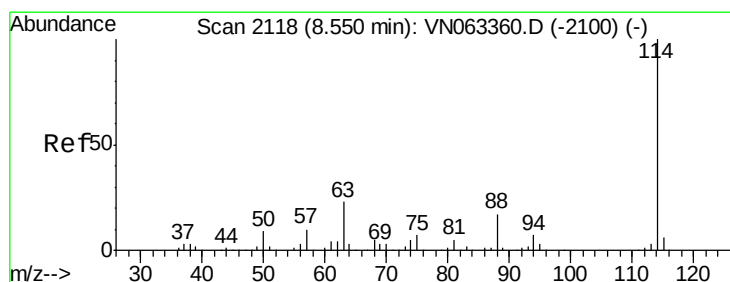
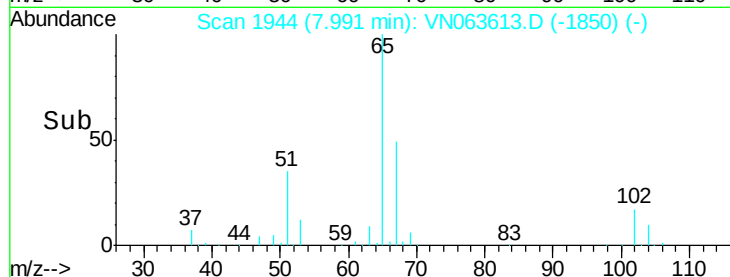
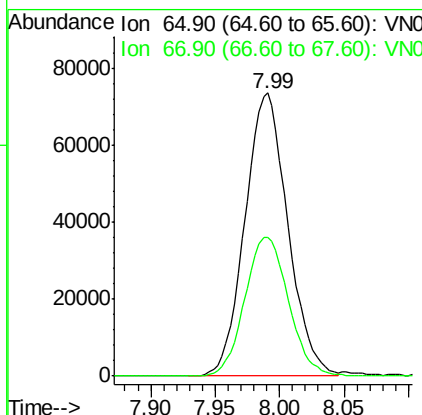
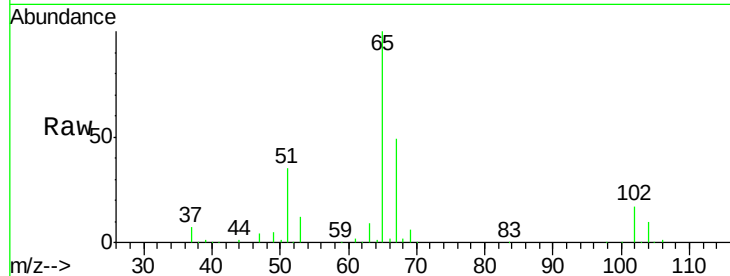
#33
 1,2-Dichloroethane-d4
 Concen: 49.955 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063613.D
 Acq: 24 Sep 2020 2:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131813TB

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170736		
67	50.0	0.0	104.2	

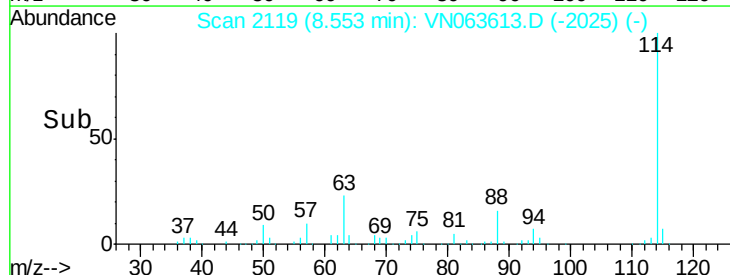
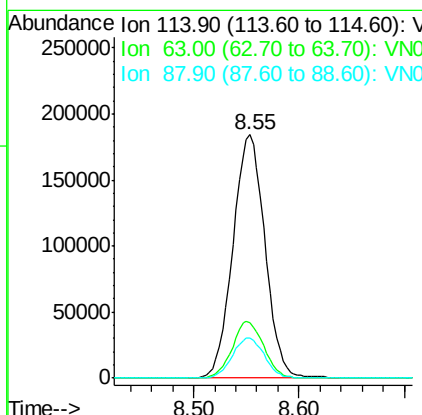
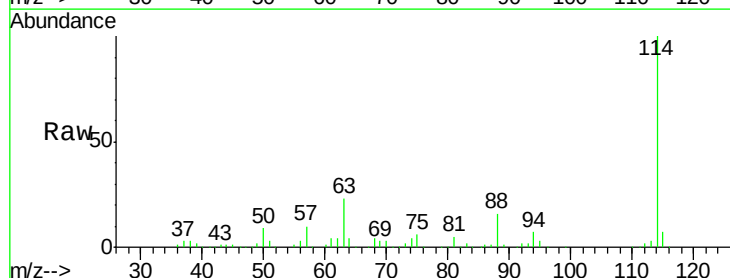
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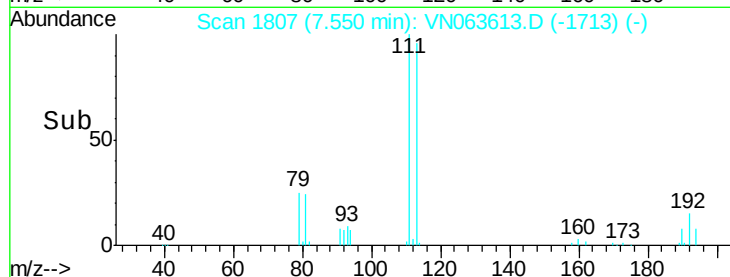
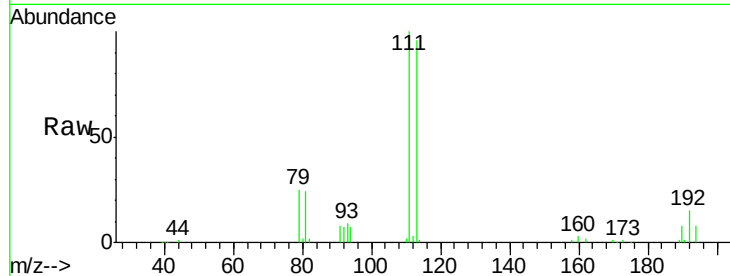
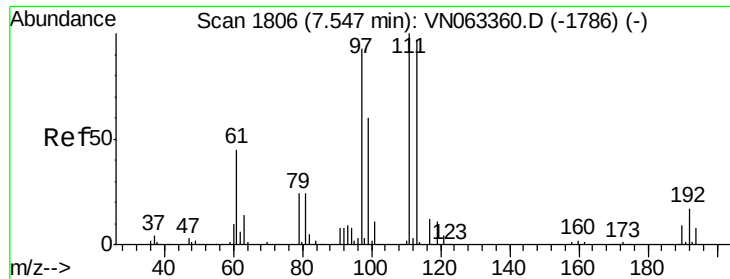
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063613.D
 Acq: 24 Sep 2020 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	388182		
63	22.6	0.0	46.4	
88	16.4	0.0	33.2	





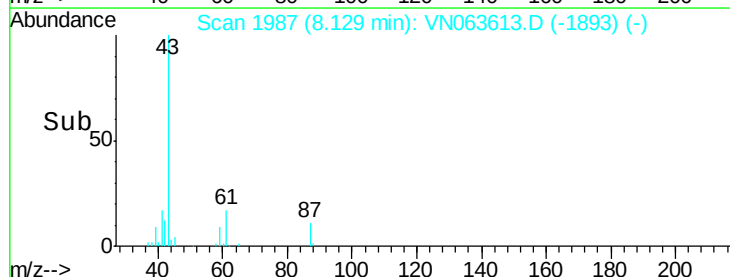
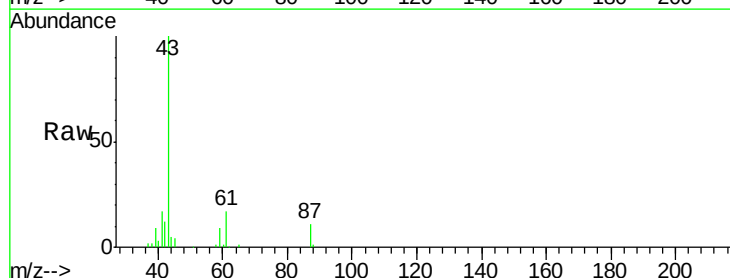
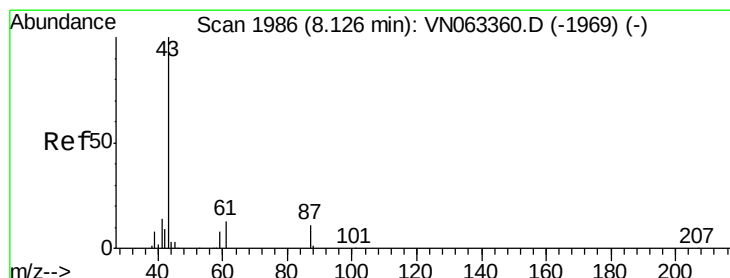
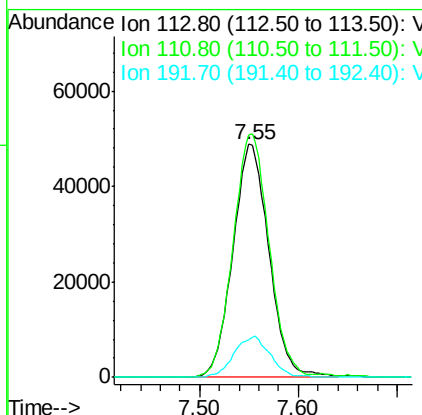
#35
Dibromofluoromethane
Concen: 46.151 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063613.D
Acq: 24 Sep 2020 2:05

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124021		
111	104.3	82.9	124.3	
192	17.8	13.9	20.9	

Instrument :
MSVOA_N
ClientSampleId :
PB131813TB

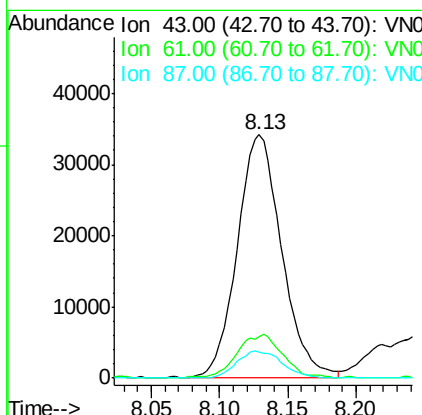
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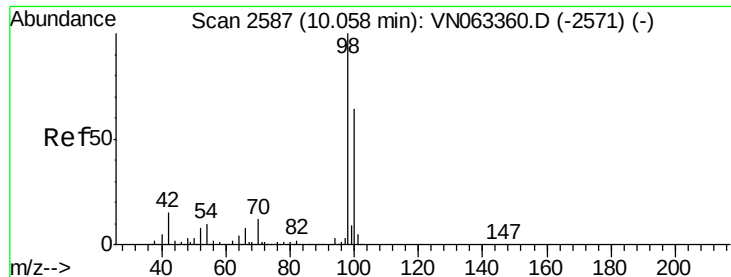
MMDadoda
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#43
Isopropyl Acetate
Concen: 10.677 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN063613.D
Acq: 24 Sep 2020 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	77491		
61	18.5	14.2	21.2	
87	11.1	9.0	13.6	





#50

Toluene-d8

Concen: 49.298 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063613.D

Acq: 24 Sep 2020 2:05

Instrument :

MSVOA_N

ClientSampleId :

PB131813TB

Tot Ion: 98 Resp: 498146

Ion Ratio Lower Upper

98 100

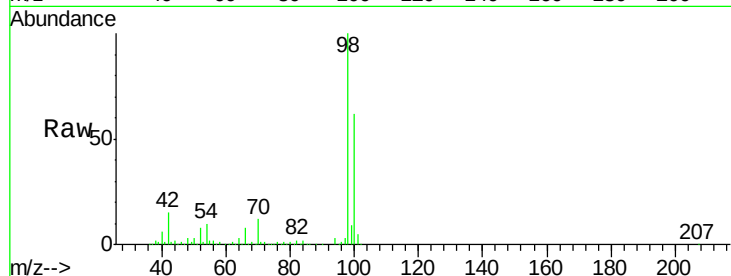
100 63.0 50.7 76.1

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

300000

250000

200000

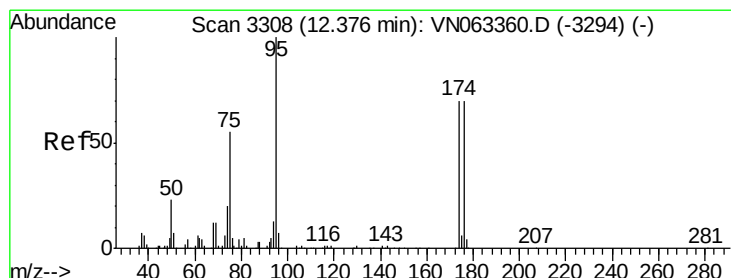
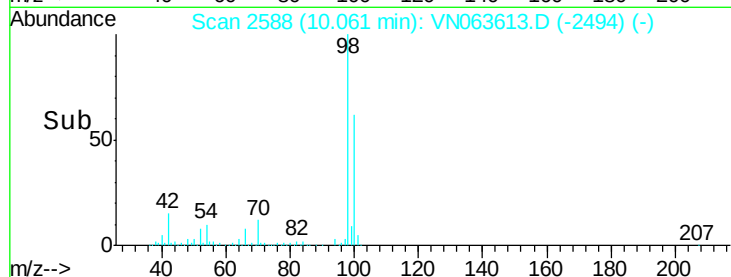
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.894 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063613.D

Acq: 24 Sep 2020 2:05

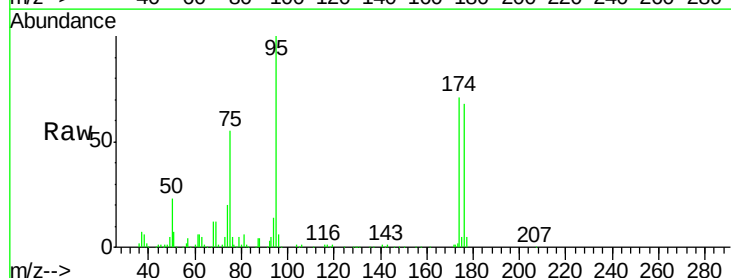
Tgt Ion: 95 Resp: 195931

Ion Ratio Lower Upper

95 100

174 71.9 0.0 140.8

176 68.5 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN

12.38

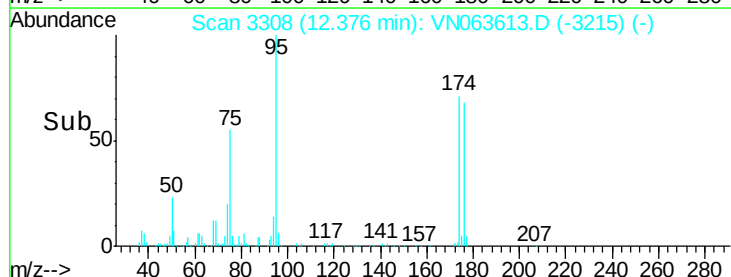
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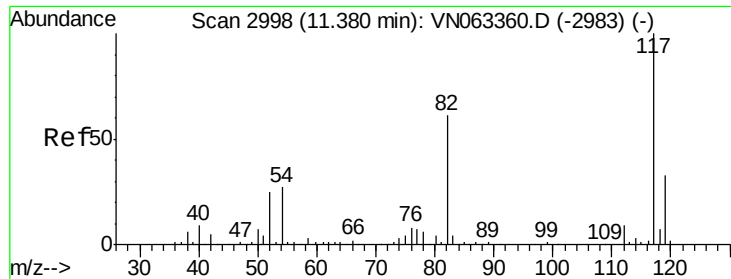
100000

50000

0

Time-->





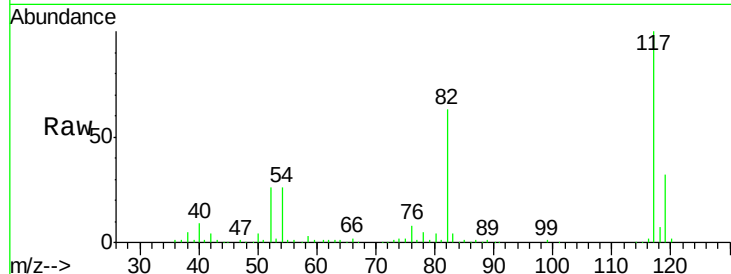
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063613.D
Acq: 24 Sep 2020 2:05

Instrument :
MSVOA_N
ClientSampleId :
PB131813TB

Tot Ion	Ratio	Resp	Lower	Upper
117	100	392345		
82	62.9	49.2	73.8	
119	31.8	26.2	39.4	

Manual Integrations
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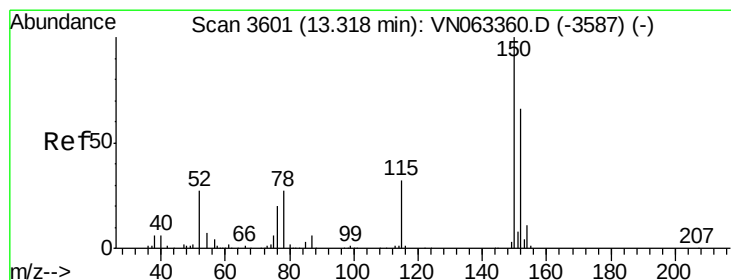
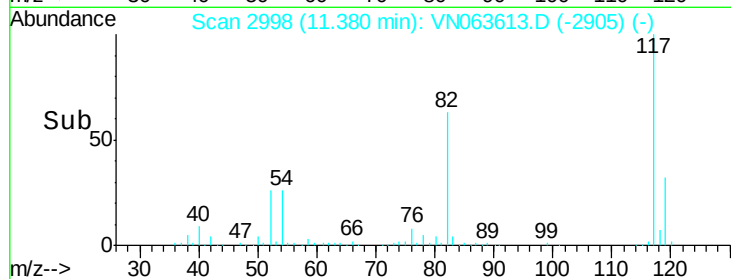
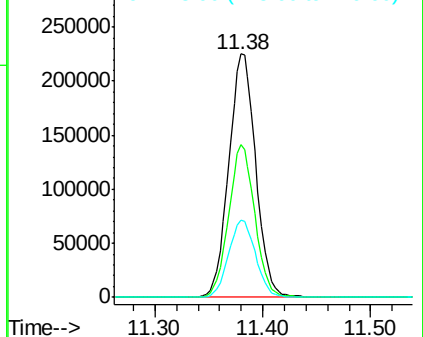


Abundance

Ion 116.90 (116.60 to 117.60): V

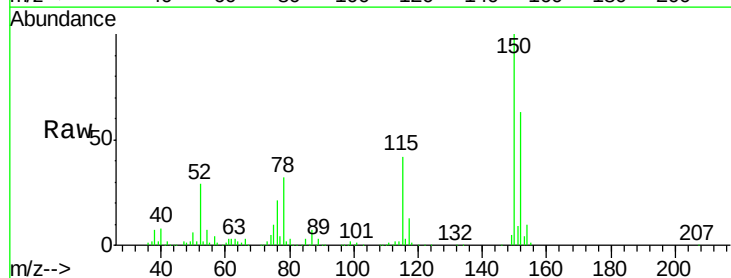
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063613.D
Acq: 24 Sep 2020 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	163020		
115	65.5	32.2	96.6	
150	158.8	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

