

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064014.D
 Acq On : 9 Oct 2020 2:29
 Operator : JC/MD
 Sample : PB132189ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132189ZHE#03

Manual Integrations
 APPROVED

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 10/9/2020 4:53:09 PM

Quant Time: Oct 09 07:28:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	252685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	480619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	497709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	211287	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
35) Dibromofluoromethane	7.55	113	155523	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
50) Toluene-d8	10.06	98	614383	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.38	95	234363	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
Target Compounds						
16) Acetone	3.78	43	14047	10.931	ug/l	93
18) Methyl Acetate	4.30	43	3756	1.126	ug/l #	59
20) Methylene Chloride	4.51	84	9782m	3.415	ug/l	
43) Isopropyl Acetate	8.13	43	90289	11.315	ug/l	99

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

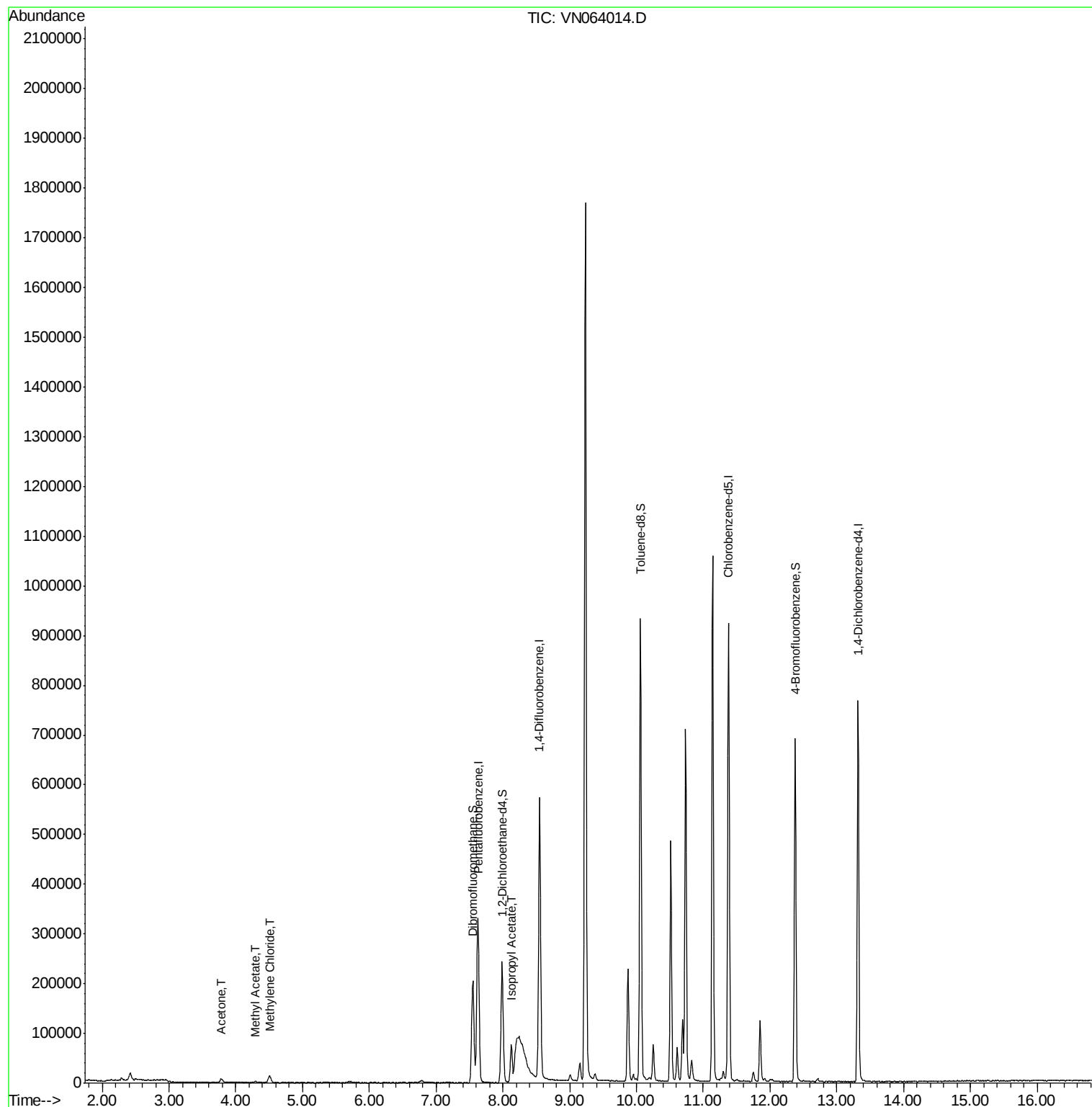
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064014.D

Acq: 9 Oct 2020 2:29

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#03

Tot Ion:168 Resp: 252685

Ion Ratio Lower Upper

168 100

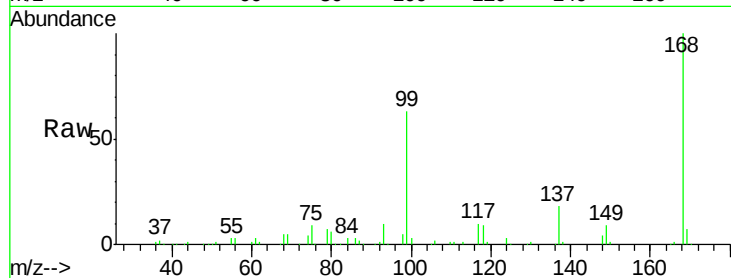
99 62.5 51.8 77.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

120000

100000

80000

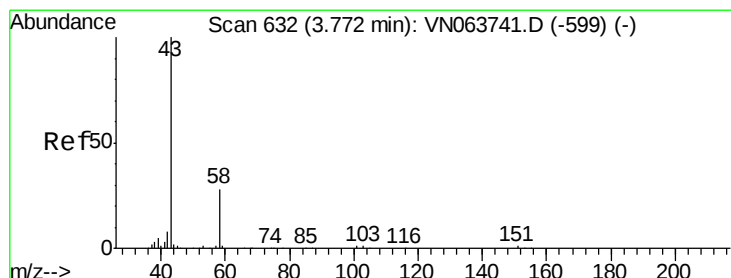
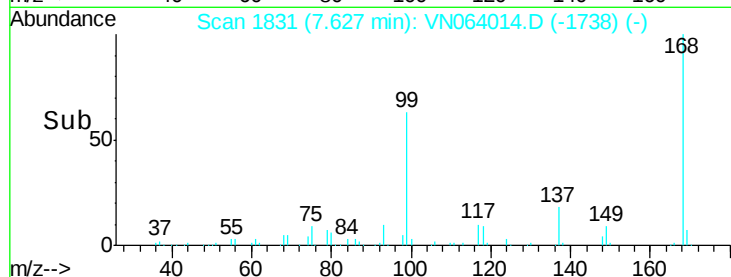
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.931 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064014.D

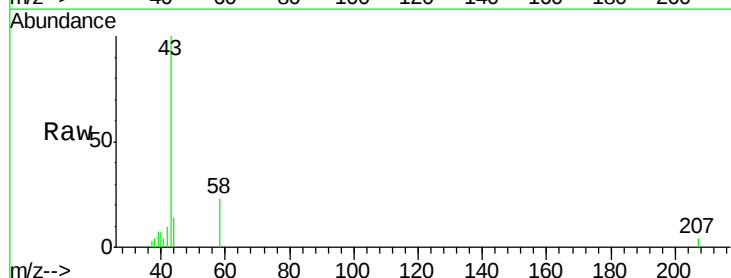
Acq: 9 Oct 2020 2:29

Tgt Ion: 43 Resp: 14047

Ion Ratio Lower Upper

43 100

58 24.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

5000

4000

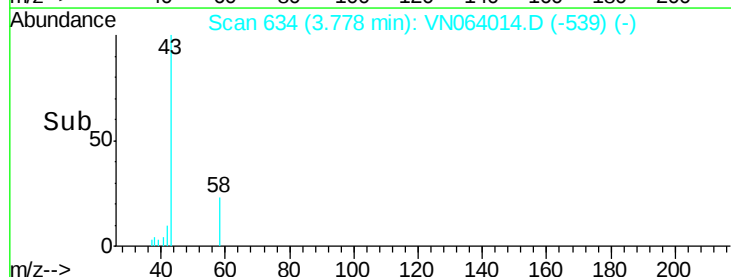
3000

2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90





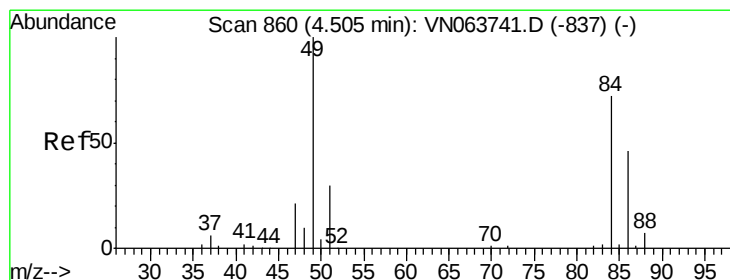
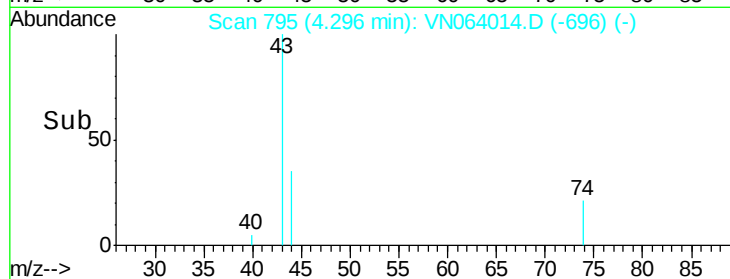
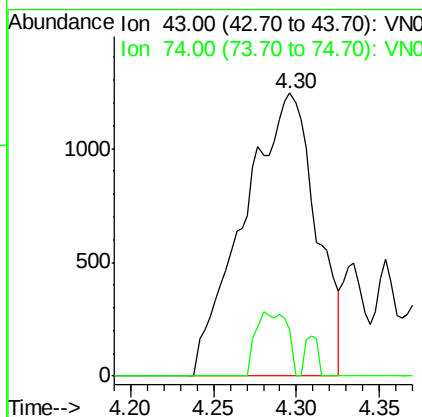
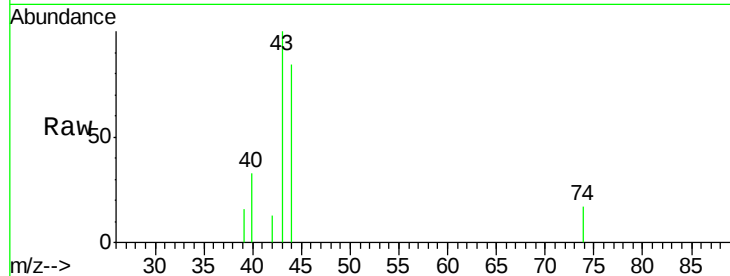
#18
Methyl Acetate
Concen: 1.126 ug/l
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tot Ion: 43 Resp: 3756
Ion Ratio Lower Upper
43 100
74 2.6 17.4 26.2#

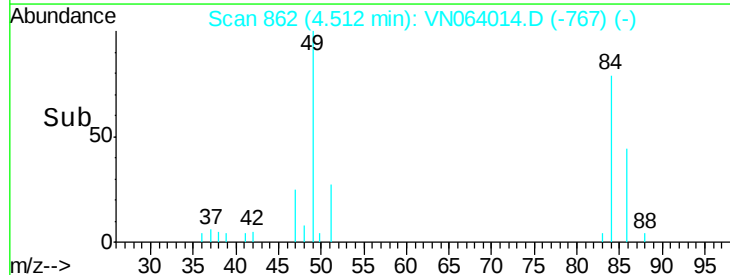
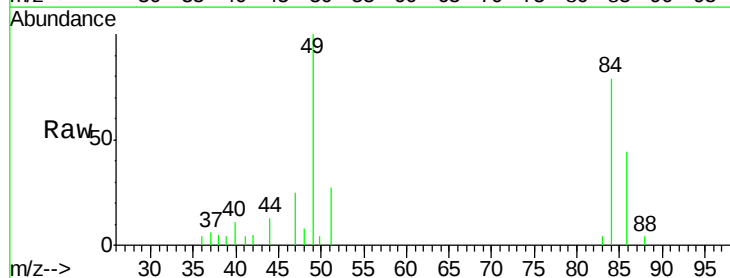
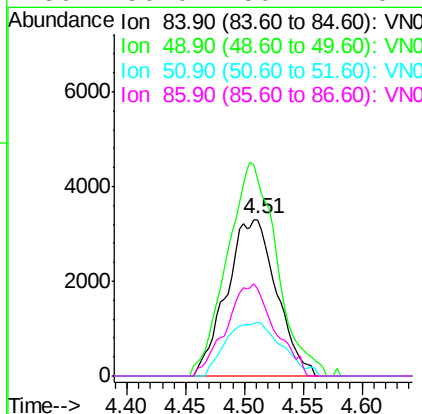
Manual Integrations
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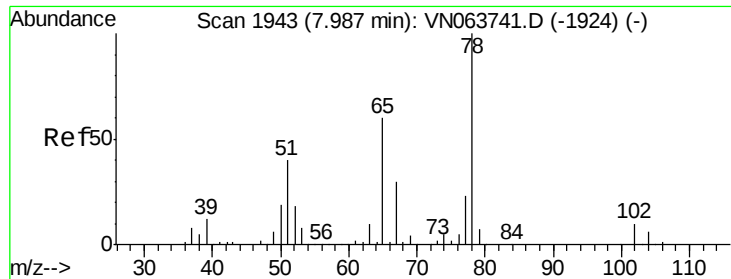
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#20
Methylene Chloride
Concen: 3.415 ug/l m
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion: 84 Resp: 9782
Ion Ratio Lower Upper
84 100
49 126.1 110.4 165.6
51 34.2 33.3 49.9
86 56.0 50.7 76.1





#33

1,2-Dichloroethane-d4

Concen: 50.613 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064014.D

Acq: 9 Oct 2020 2:29

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#03

Tot Ion: 65 Resp: 211287

Ion Ratio Lower Upper

65 100

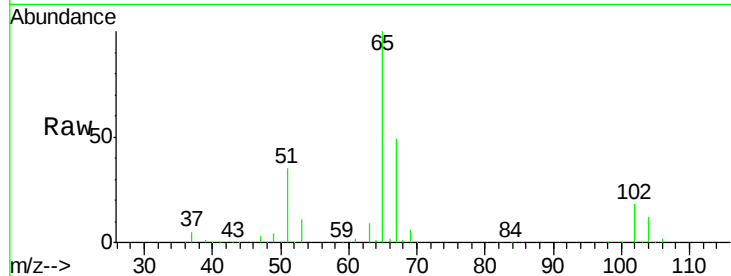
67 50.4 0.0 99.6

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)

7.99

100000

80000

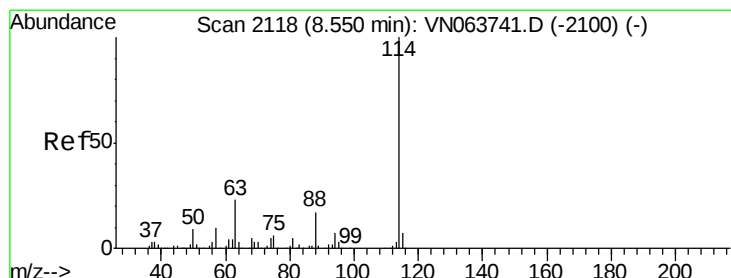
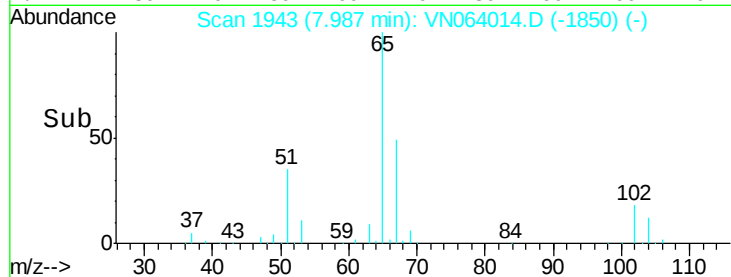
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064014.D

Acq: 9 Oct 2020 2:29

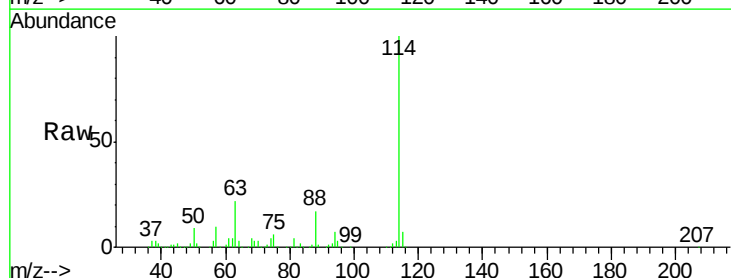
Tgt Ion: 114 Resp: 480619

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 16.9 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN063741.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063741.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063741.D (-2100) (-)

8.55

300000

250000

200000

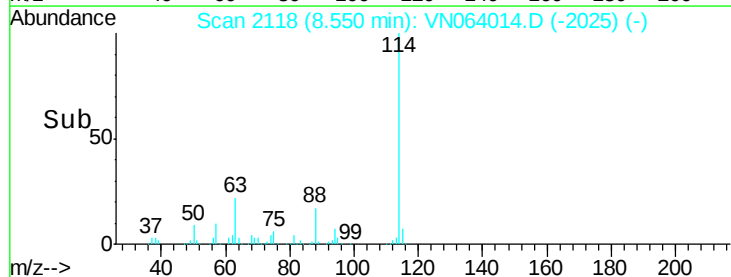
150000

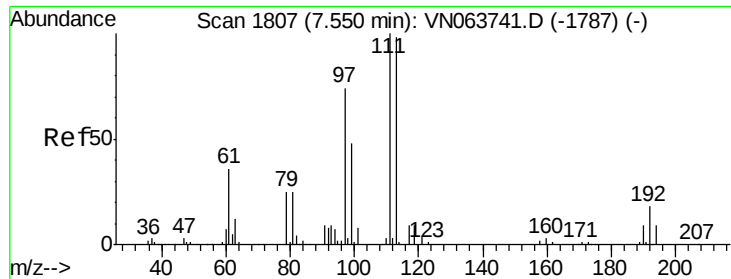
100000

50000

0

Time-->





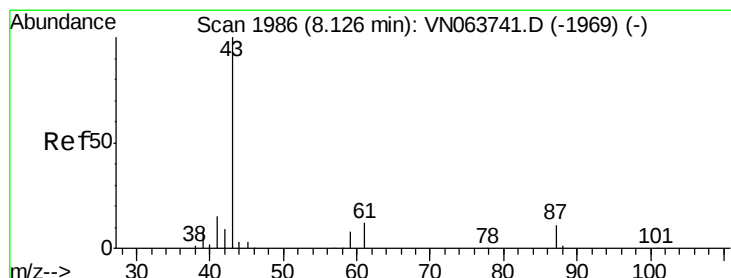
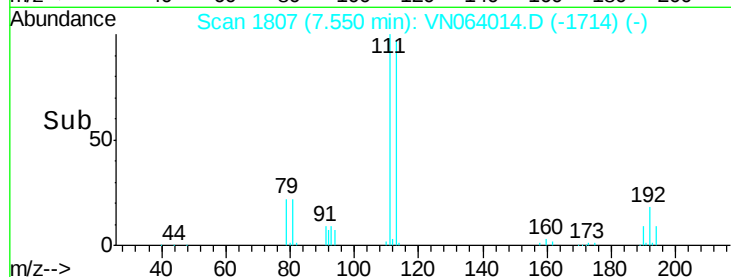
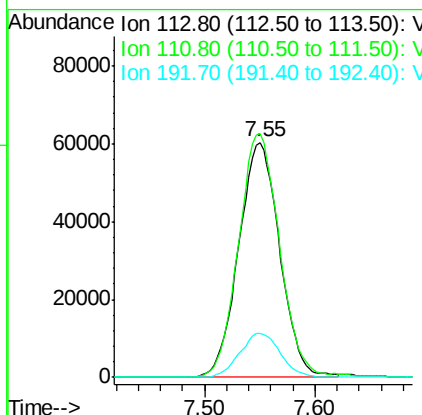
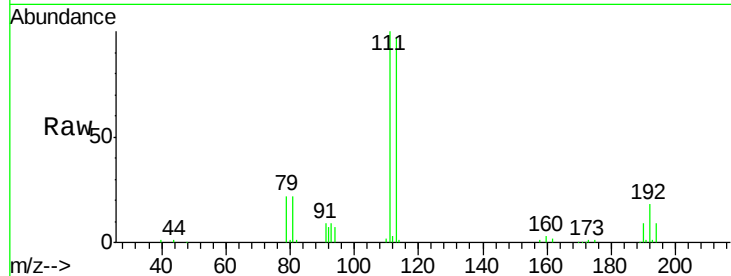
#35
Dibromofluoromethane
Concen: 46.635 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tot Ion	Ratio	Resp	Lower	Upper
113	100	155523		
111	104.0	81.8	122.8	
192	18.5	14.2	21.2	

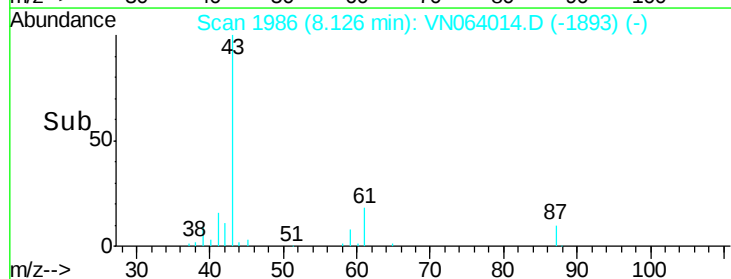
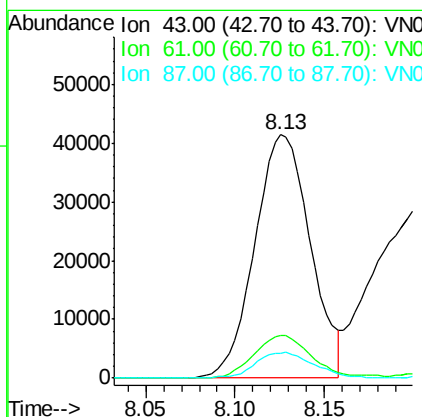
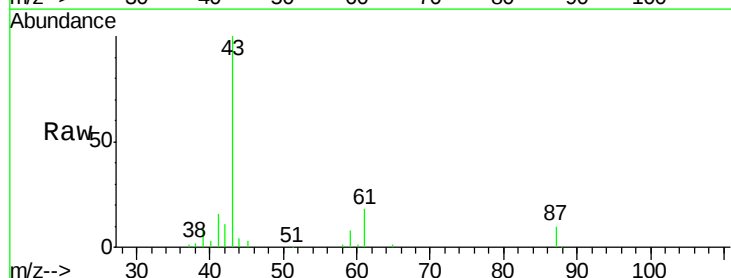
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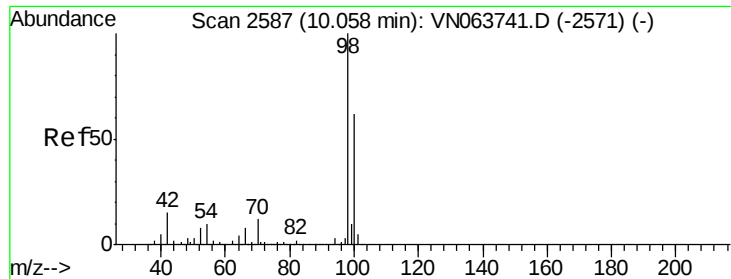
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#43
Isopropyl Acetate
Concen: 11.315 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	90289		
61	18.3	14.2	21.4	
87	11.0	9.0	13.6	





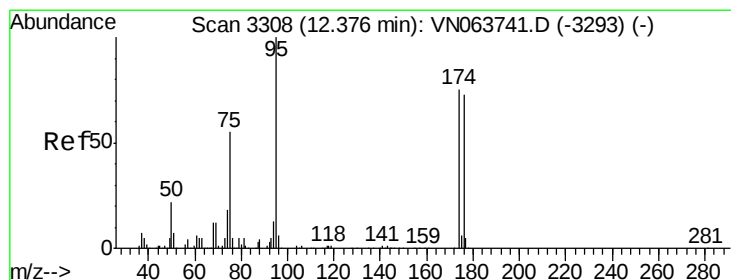
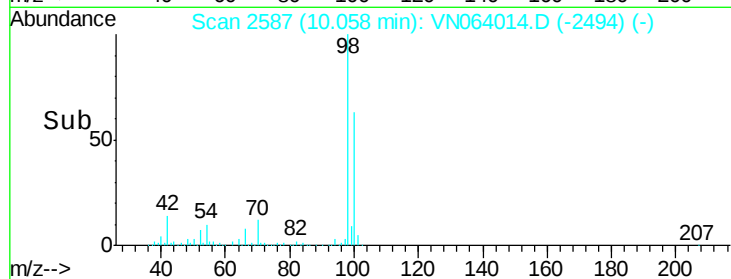
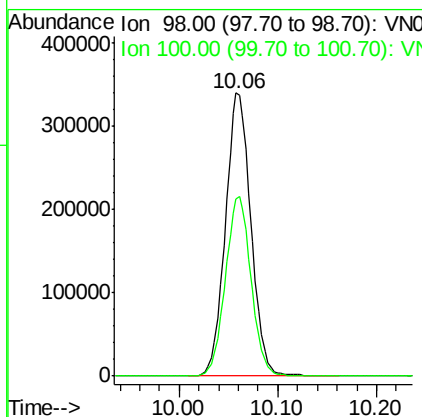
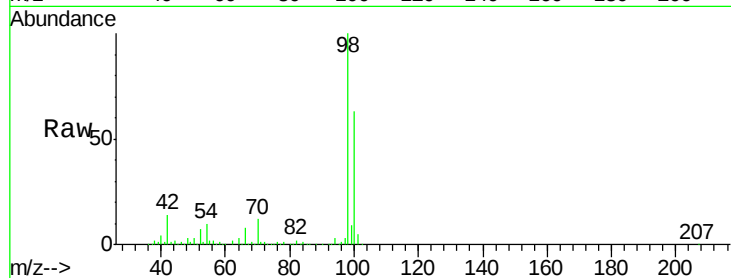
#50
Toluene-d8
Concen: 48.598 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		614383		
100	63.8	49.8	74.6		

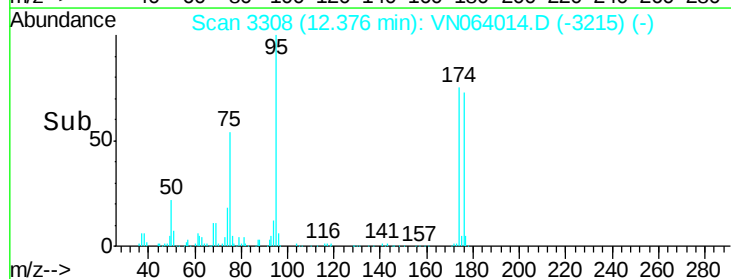
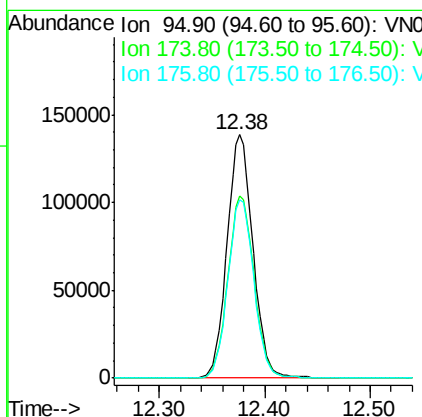
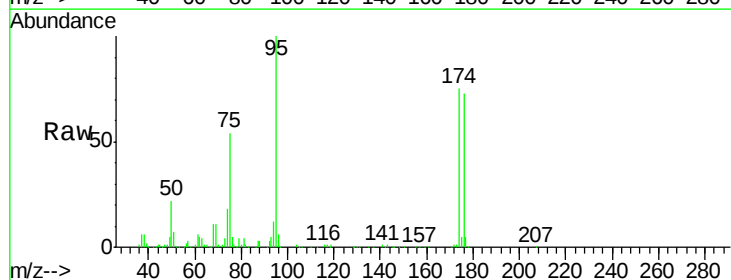
Manual Integrations
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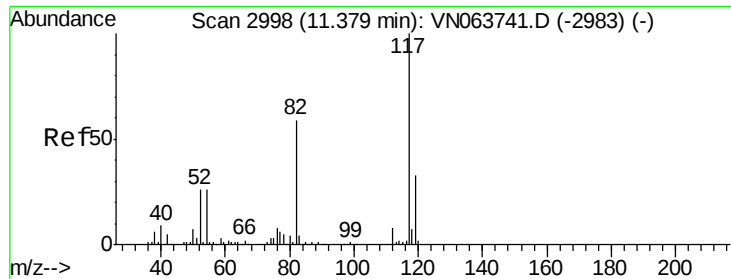
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#62
4-Bromofluorobenzene
Concen: 49.315 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		234363		
174	75.8	0.0	150.6		
176	73.8	0.0	145.4		





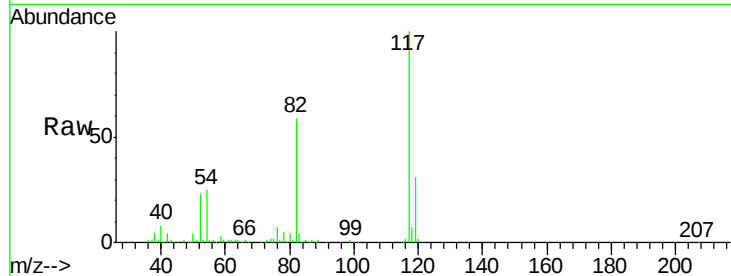
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	497709		
82	59.2		47.4	71.2
119	31.2		26.4	39.6

Manual Integrations
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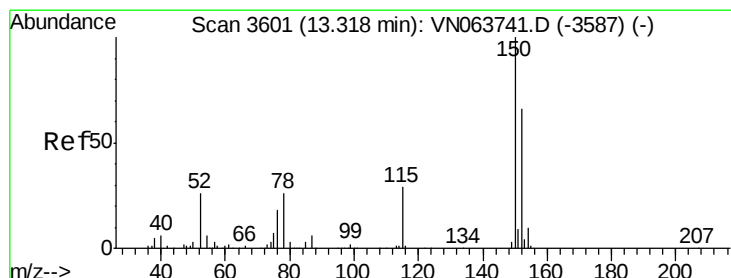
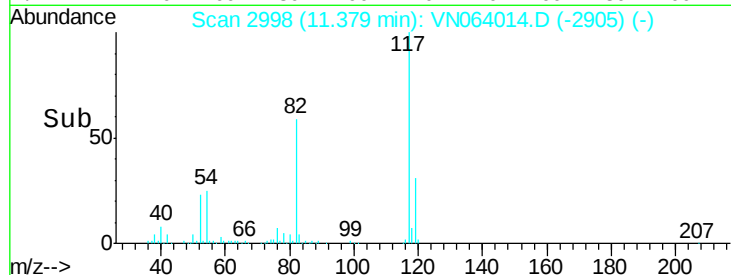
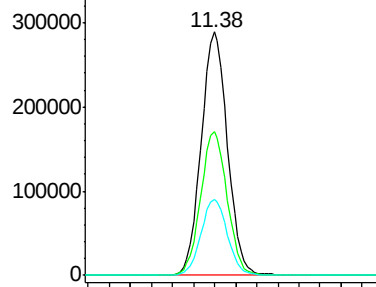


Abundance

Ion 116.90 (116.60 to 117.60): V

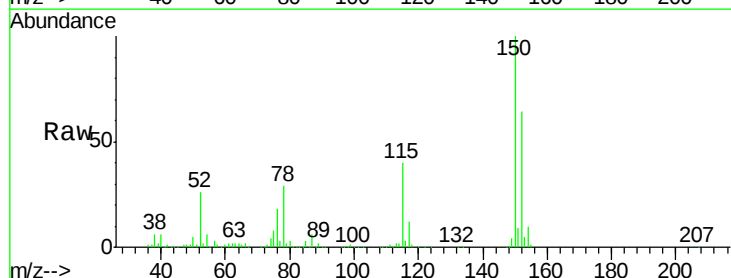
Ion 82.00 (81.70 to 82.70): V

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: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	191122		
115	63.3		31.3	93.8
150	158.3		0.0	341.8



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

