

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064578.D
 Acq On : 12 Nov 2020 13:59
 Operator : JC/MD
 Sample : L4701-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-1-1-TOP

Manual Integrations
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MMDadoda
 11/13/2020 11:42:28 AM

Quant Time: Nov 13 03:32:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	242875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	527018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	565984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	246577	58.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.58%	
35) Dibromofluoromethane	7.55	113	179833	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.06	98	688918	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.38	95	261149	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
Target Compounds						
16) Acetone	3.78	43	15897	9.865	ug/l #	88
18) Methyl Acetate	4.29	43	5960m	1.881	ug/l	
20) Methylene Chloride	4.51	84	9743m	3.047	ug/l	
43) Isopropyl Acetate	8.13	43	101752	11.277	ug/l	100

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

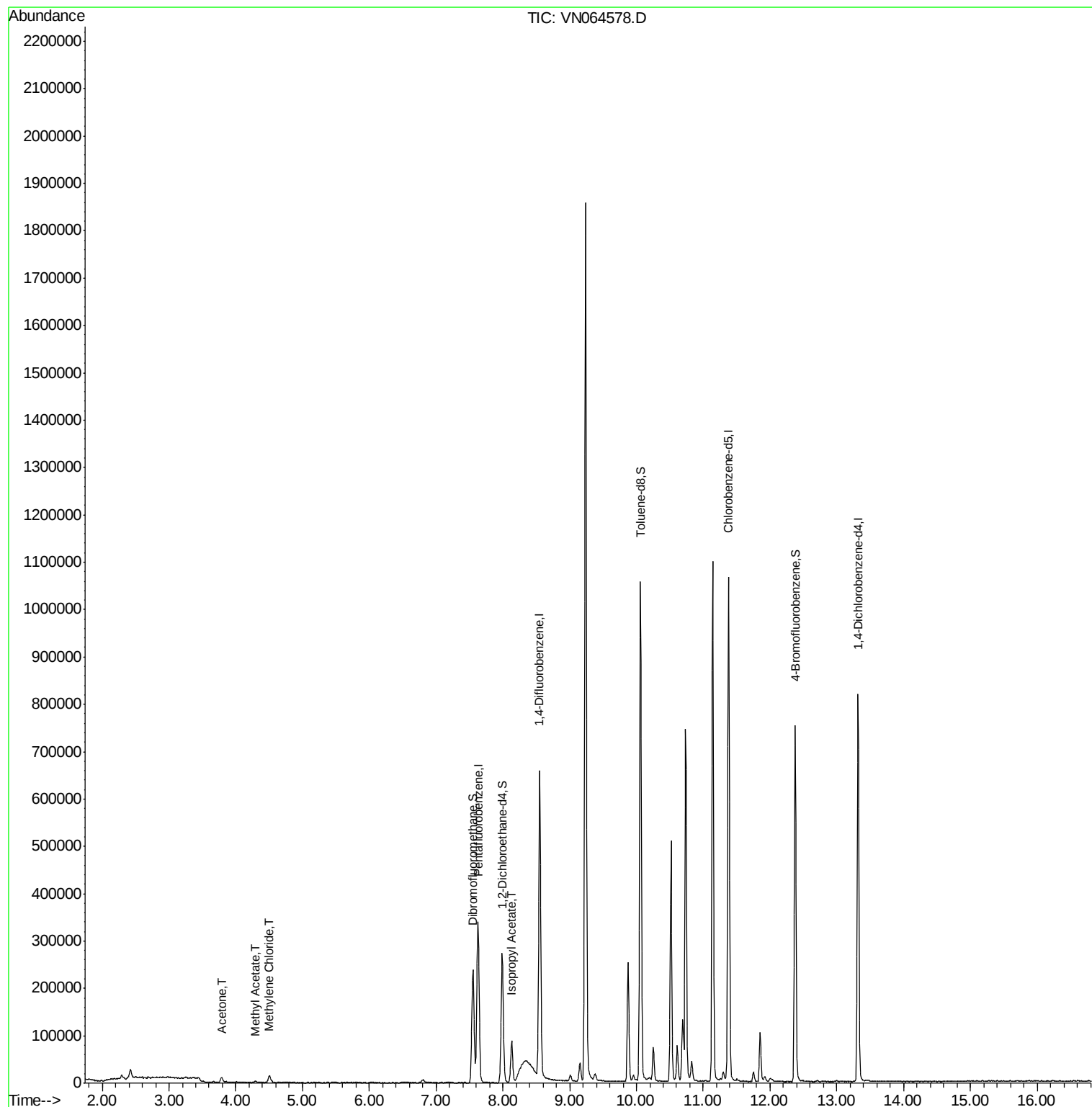
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111220\
Data File : VN064578.D
Acq On : 12 Nov 2020 13:59
Operator : JC/MD
Sample : L4701-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

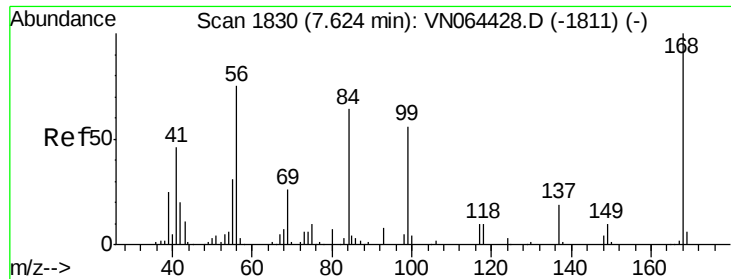
Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1-1-TOP

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Quant Time: Nov 13 03:32:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 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: VN064578.D

Acq: 12 Nov 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-1-1-TOP

Tot Ion:168 Resp: 242875

Ion Ratio Lower Upper

168 100

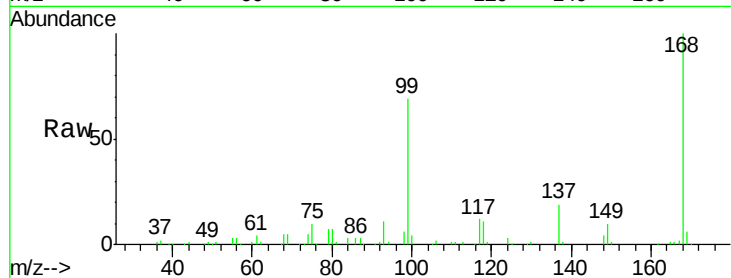
99 68.8 53.4 80.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

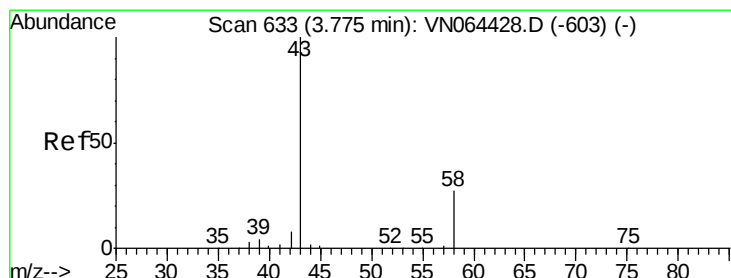
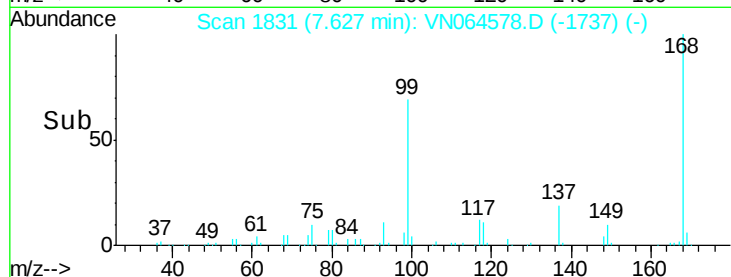
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 9.865 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064578.D

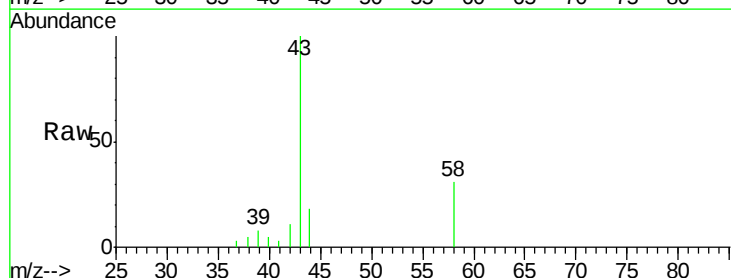
Acq: 12 Nov 2020 13:59

Tgt Ion: 43 Resp: 15897

Ion Ratio Lower Upper

43 100

58 32.6 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

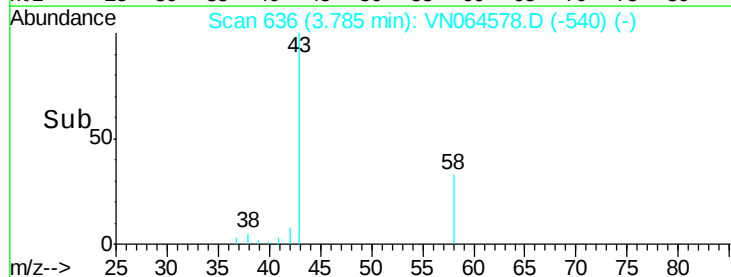
6000

4000

2000

0

Time--> 3.70 3.75 3.80 3.85





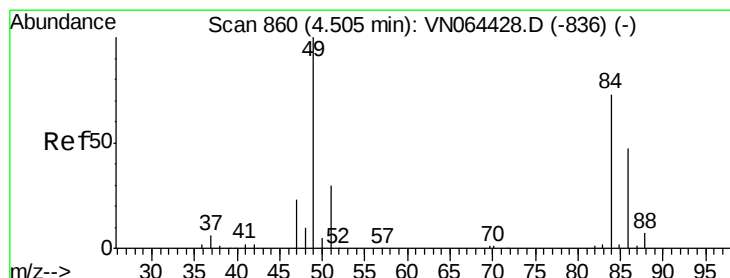
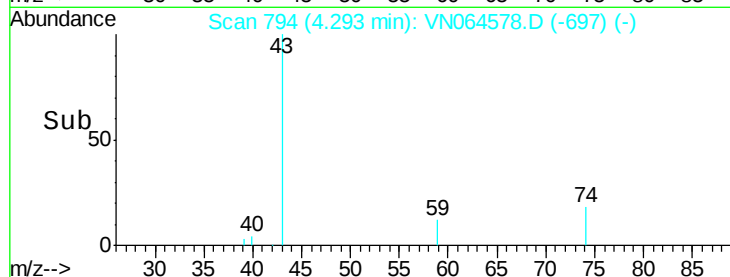
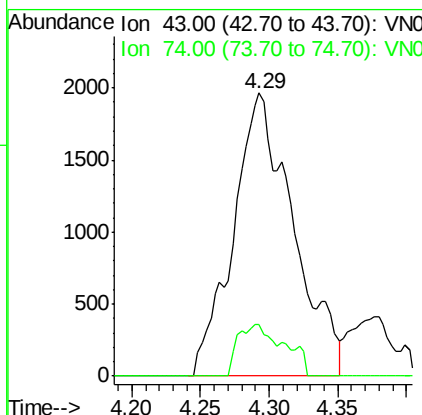
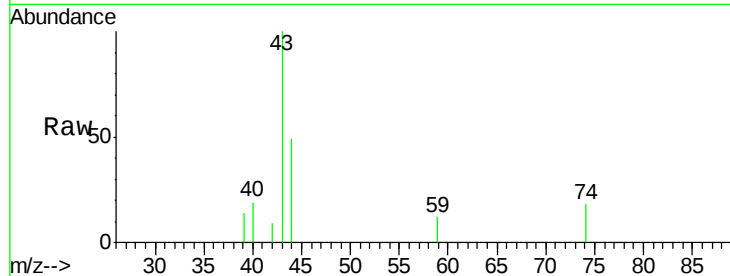
#18
Methyl Acetate
Concen: 1.881 ug/l m
RT: 4.29 min Scan# 794
Delta R.T. 0.01 min
Lab File: VN064578.D
Acq: 12 Nov 2020 13:59

Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1-1-TOP

Tot Ion: 43 Resp: 5960
Ion Ratio Lower Upper
43 100
74 14.1 17.0 25.4#

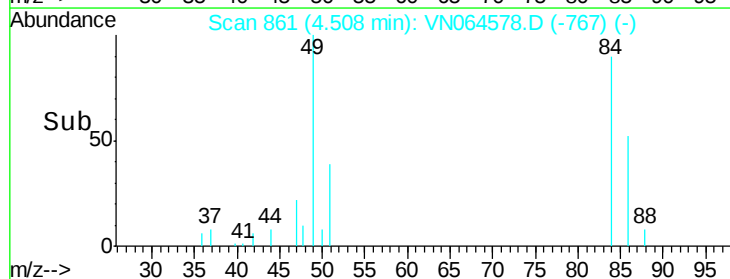
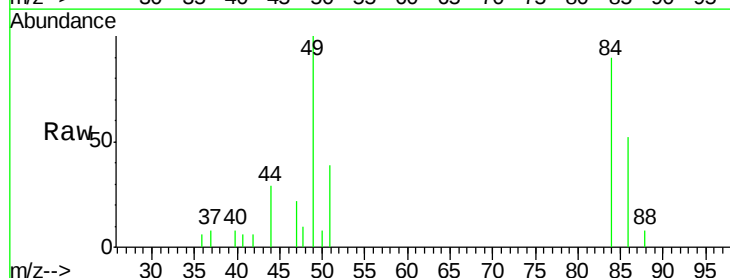
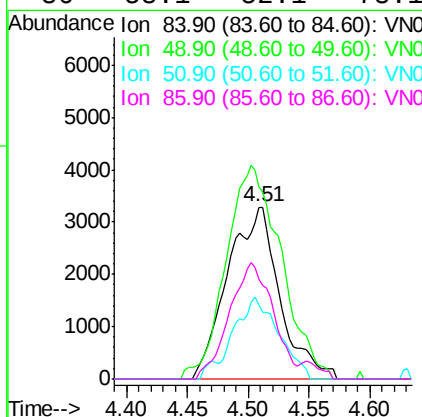
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#20
Methylene Chloride
Concen: 3.047 ug/l m
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064578.D
Acq: 12 Nov 2020 13:59

Tgt Ion: 84 Resp: 9743
Ion Ratio Lower Upper
84 100
49 111.4 110.1 165.1
51 43.1 33.6 50.4
86 58.1 52.1 78.1





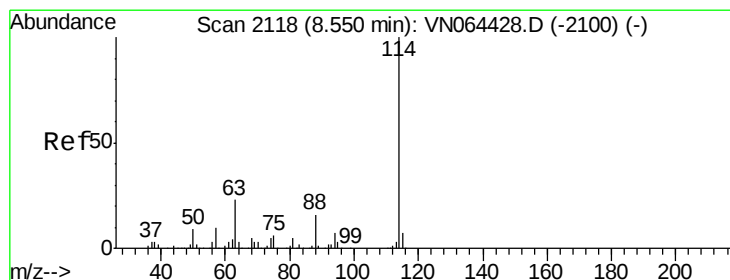
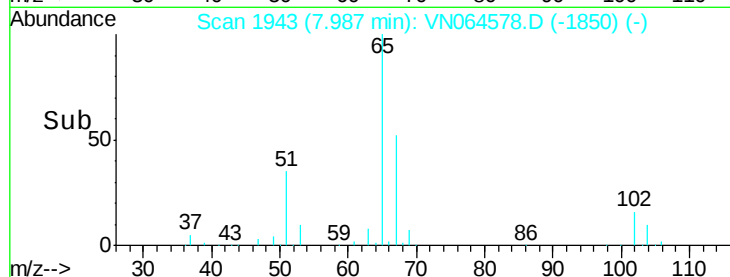
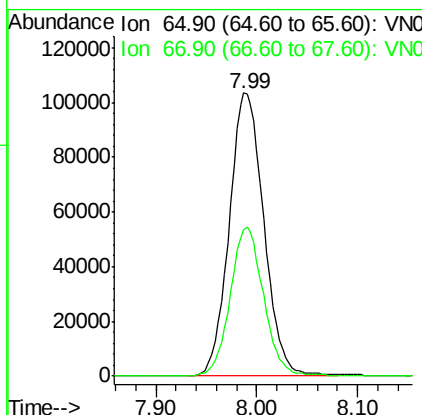
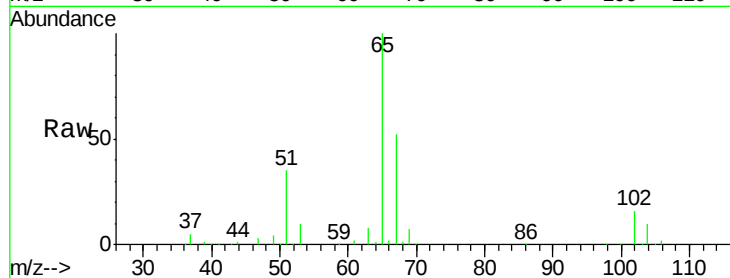
#33
 1,2-Dichloroethane-d4
 Concen: 58.285 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064578.D
 Acq: 12 Nov 2020 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-1-1-TOP

Tot Ion	Ratio	Resp	Lower	Upper
65	100	246577		
67	50.7	0.0	101.6	

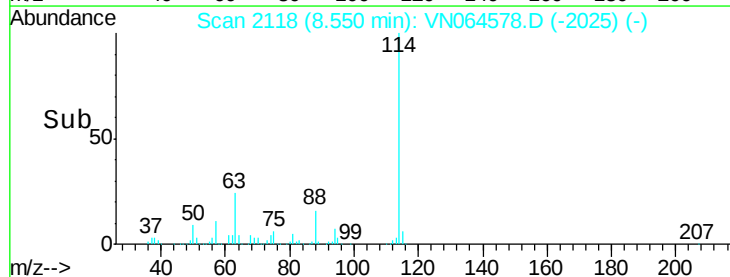
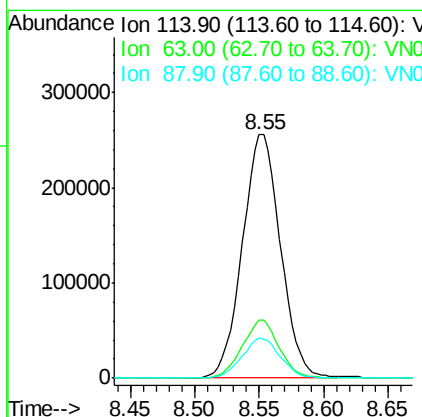
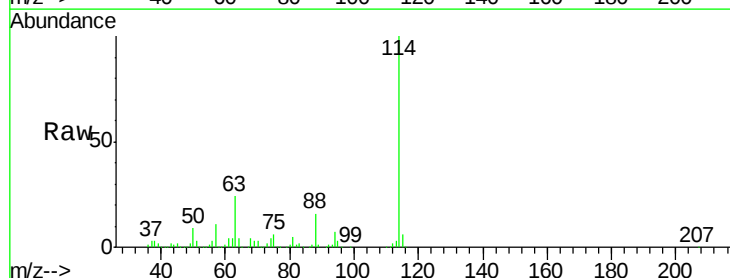
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064578.D
 Acq: 12 Nov 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	527018		
63	23.7	0.0	45.6	
88	16.4	0.0	32.8	





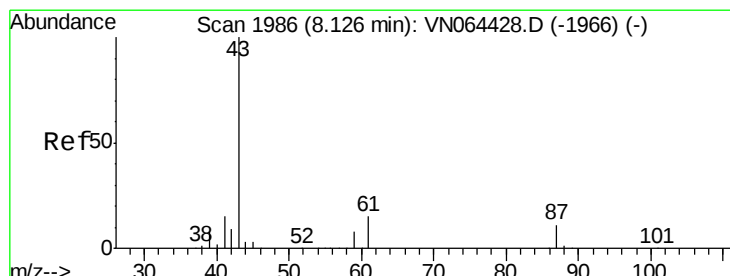
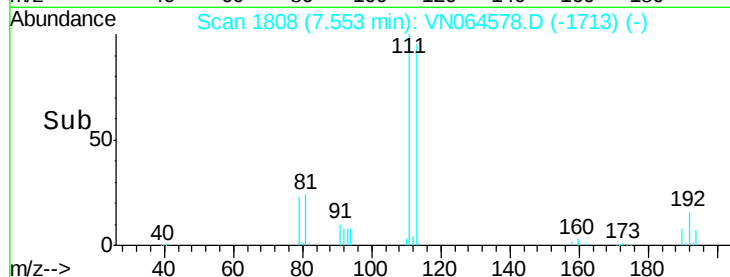
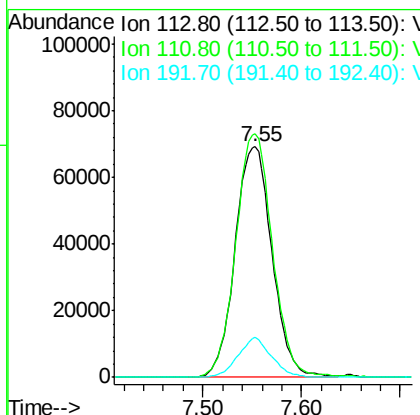
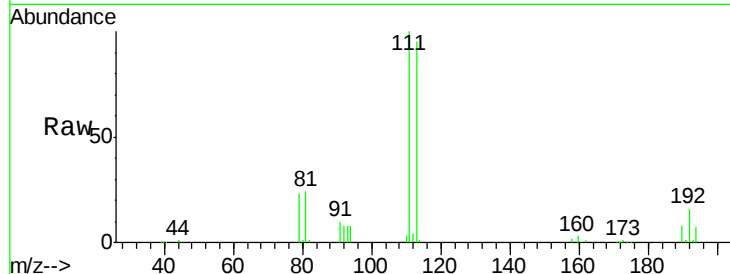
#35
 Dibromofluoromethane
 Concen: 50.117 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064578.D
 Acq: 12 Nov 2020 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 TRANSFORMER-1-1-TOP

Tot Ion	Ratio	Resp	Lower	Upper
113	100	179833		
111	104.2	81.1	121.7	
192	15.6	12.8	19.2	

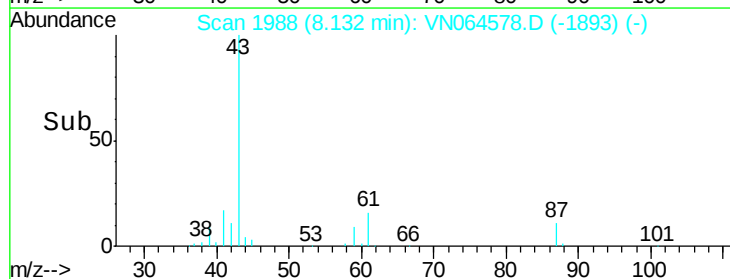
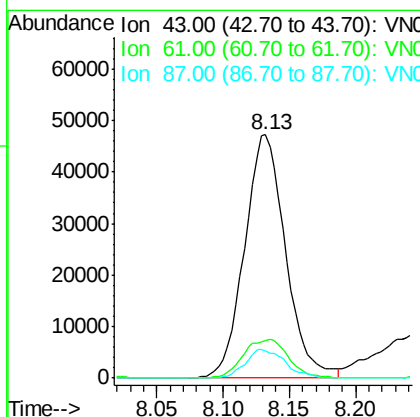
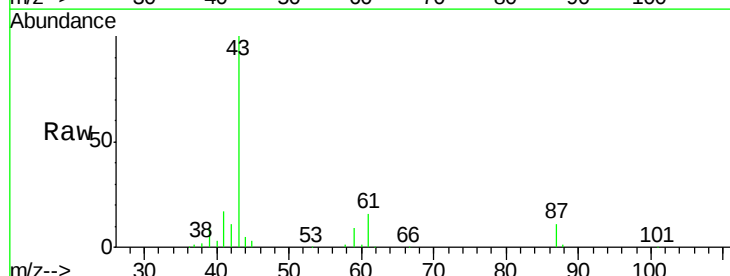
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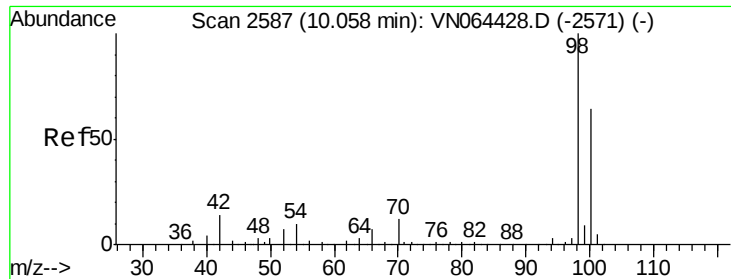
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#43
 Isopropyl Acetate
 Concen: 11.277 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064578.D
 Acq: 12 Nov 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	101752		
61	17.5	14.0	21.0	
87	11.4	9.1	13.7	





#50

Toluene-d8

Concen: 49.674 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064578.D

Acq: 12 Nov 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

TRANSFORMER-1-1-TOP

Tot Ion: 98 Resp: 688918

Ion Ratio Lower Upper

98 100

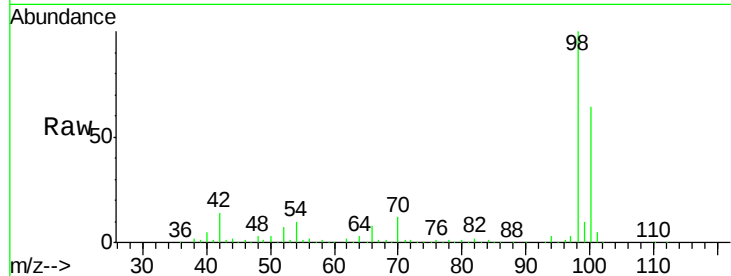
100 63.9 50.7 76.1

Manual Integrations

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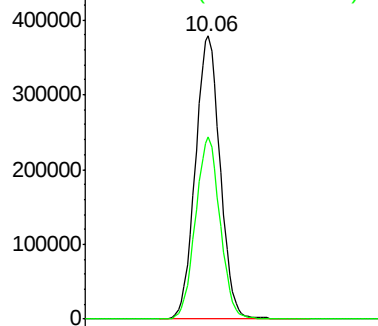
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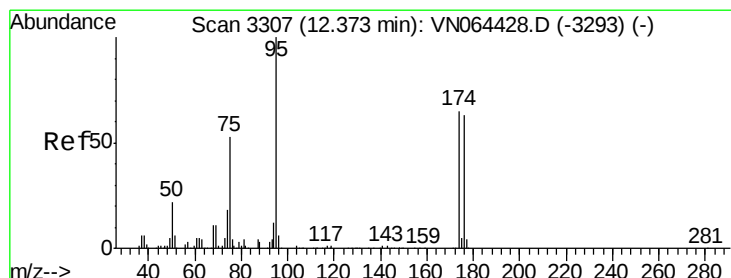
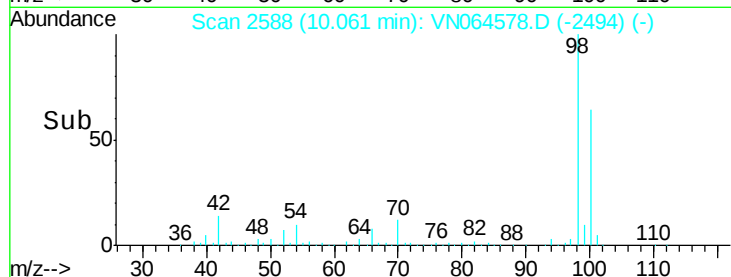


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 49.790 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064578.D

Acq: 12 Nov 2020 13:59

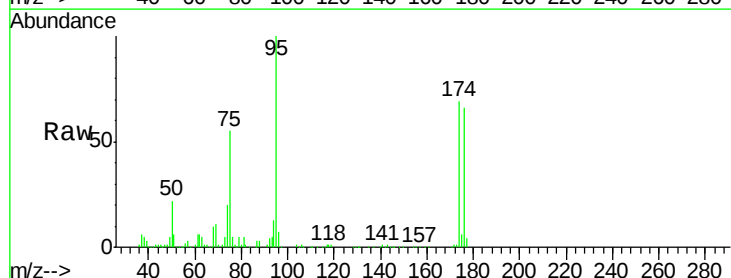
Tgt Ion: 95 Resp: 261149

Ion Ratio Lower Upper

95 100

174 69.5 0.0 132.6

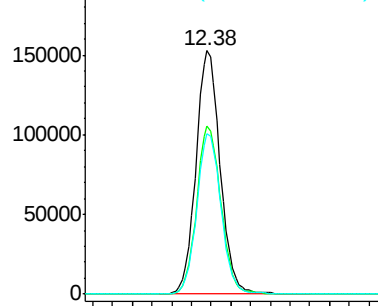
176 65.9 0.0 129.2



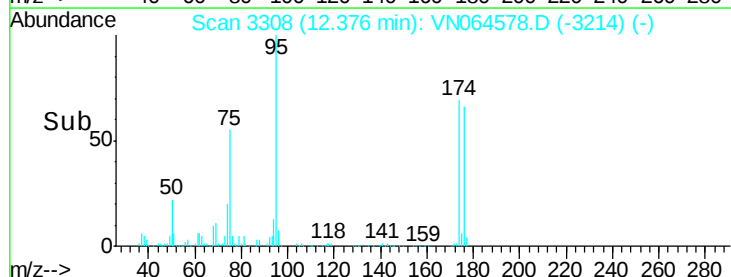
Abundance Ion 94.90 (94.60 to 95.60): VN0

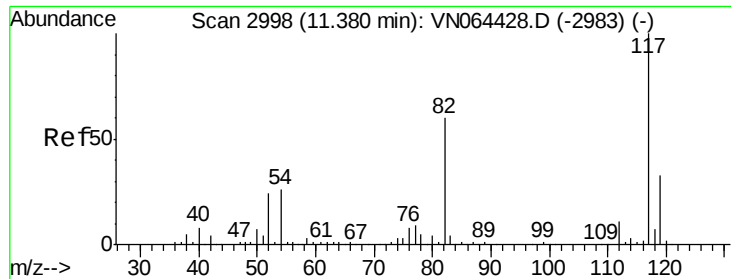
Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN



Time-->





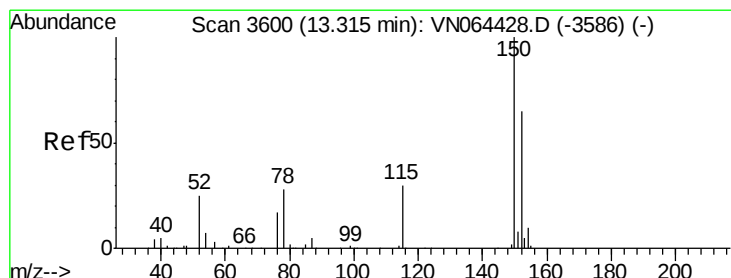
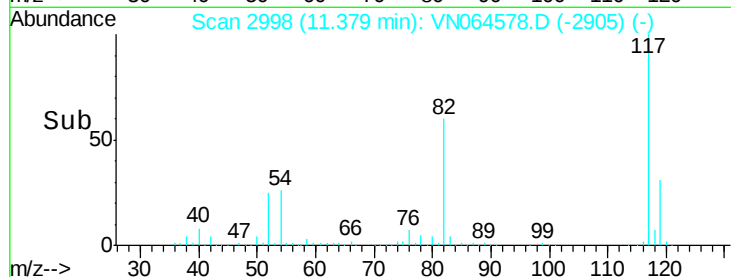
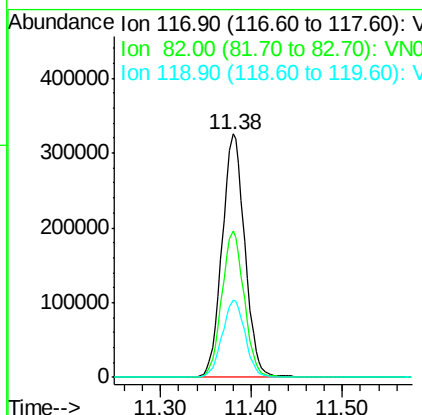
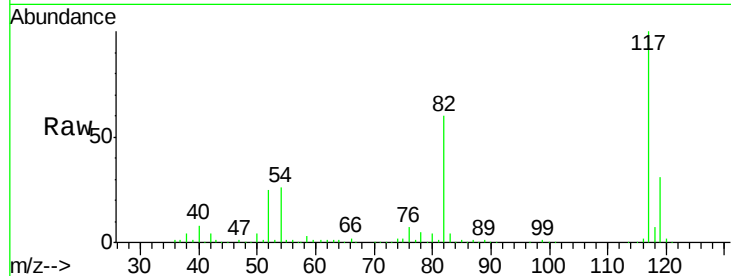
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064578.D
Acq: 12 Nov 2020 13:59

Instrument :
MSVOA_N
ClientSampleId :
TRANSFORMER-1-1-TOP

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	48.1	72.1
119	31.5	26.2	39.4

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064578.D
Acq: 12 Nov 2020 13:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.0	32.0	96.0
150	158.2	0.0	353.8

