

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064568.D
 Acq On : 11 Nov 2020 20:28
 Operator : JC/MD
 Sample : PB132934ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132934ZHE#12

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 9:13:12 AM

Quant Time: Nov 12 02:49:42 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	229663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	506409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	542024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	235899	58.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.94%	
35) Dibromofluoromethane	7.55	113	171596	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	10.06	98	656804	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.38	95	246152	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
Target Compounds						
16) Acetone	3.79	43	12232	8.027	ug/l	95
18) Methyl Acetate	4.30	43	8025m	2.679	ug/l	
20) Methylene Chloride	4.50	84	7605m	2.515	ug/l	
43) Isopropyl Acetate	8.13	43	101273	11.681	ug/l	99

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

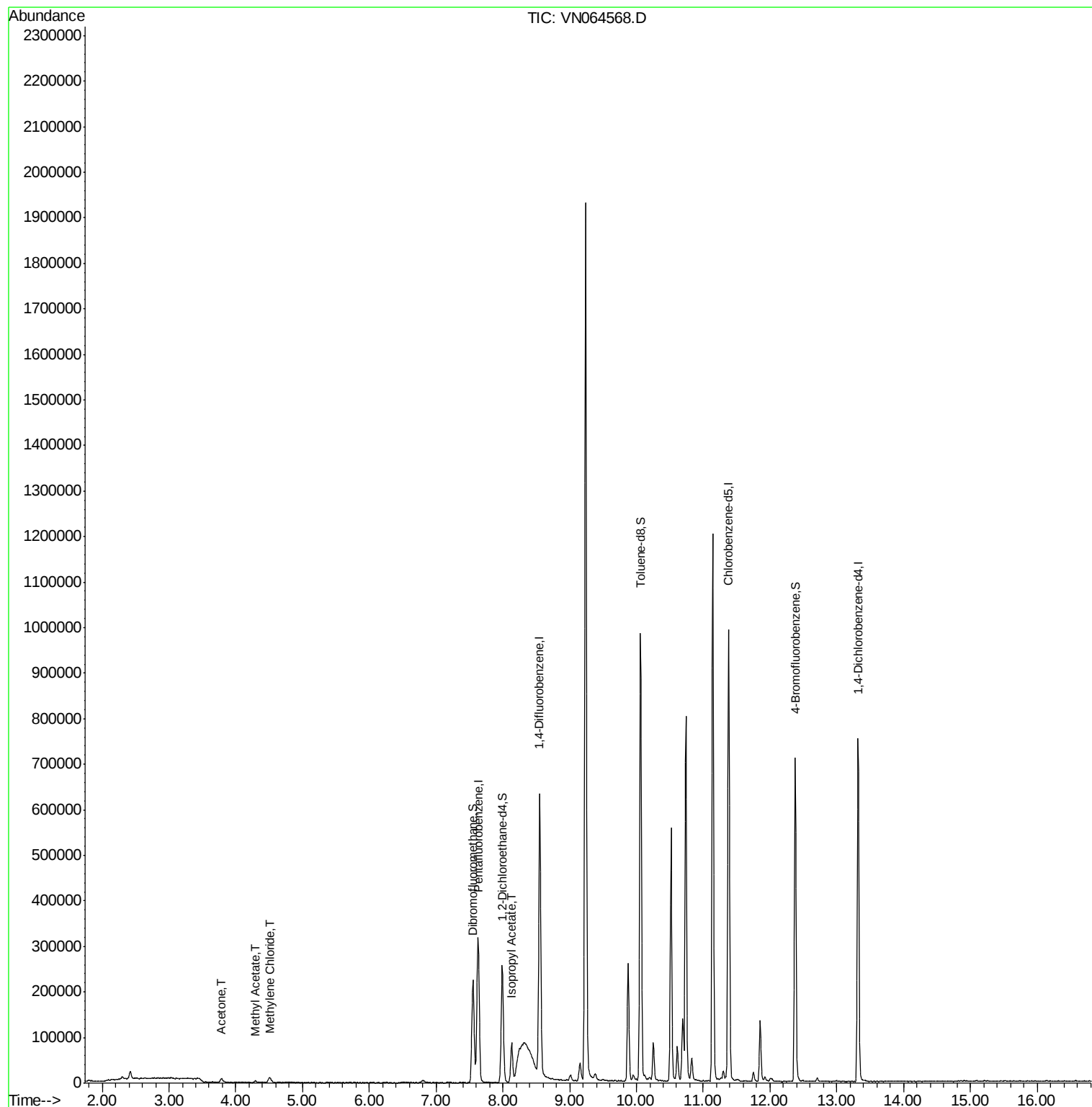
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
Data File : VN064568.D
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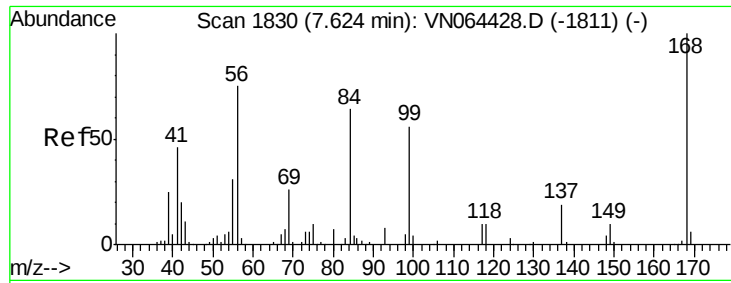
Instrument :
MSVOA_N
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064568.D

Acq: 11 Nov 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

PB132934ZHE#12

Tot Ion:168 Resp: 229663

Ion Ratio Lower Upper

168 100

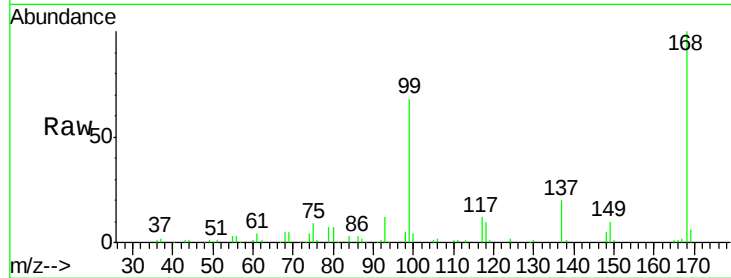
99 67.9 53.4 80.2

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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

100000

80000

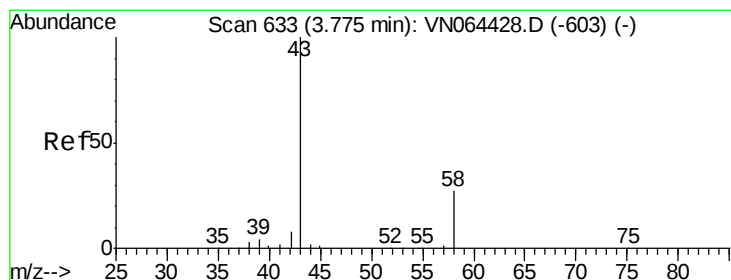
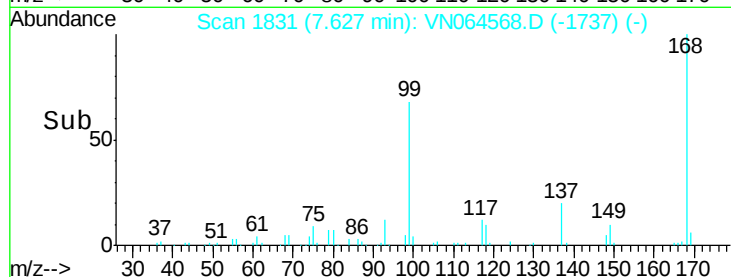
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.027 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064568.D

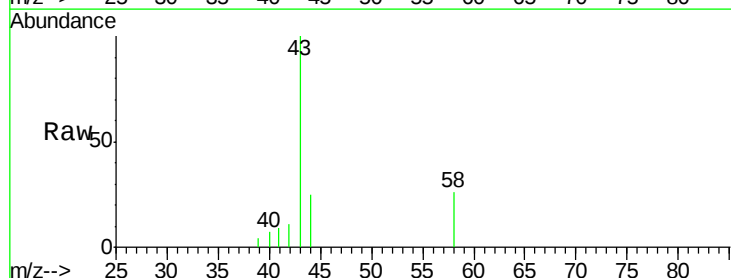
Acq: 11 Nov 2020 20:28

Tgt Ion: 43 Resp: 12232

Ion Ratio Lower Upper

43 100

58 23.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

6000

5000

4000

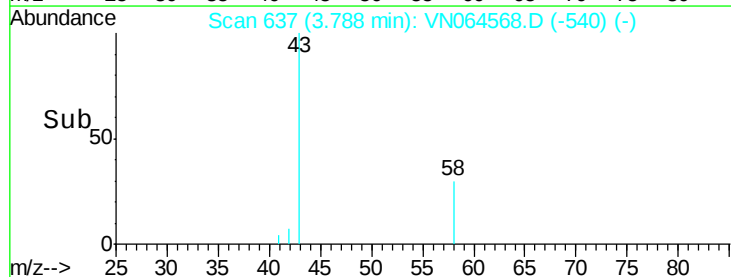
3000

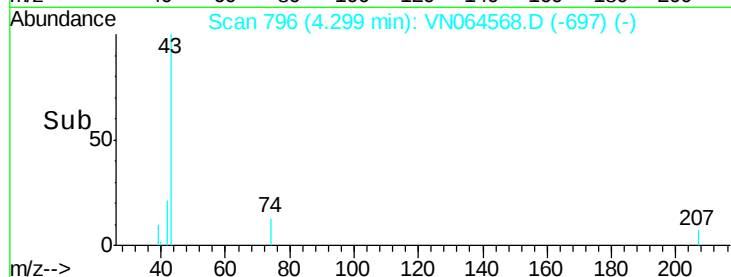
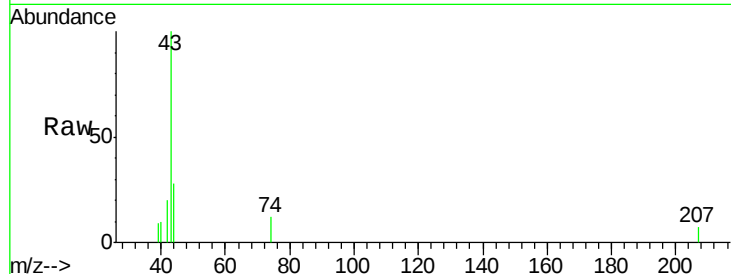
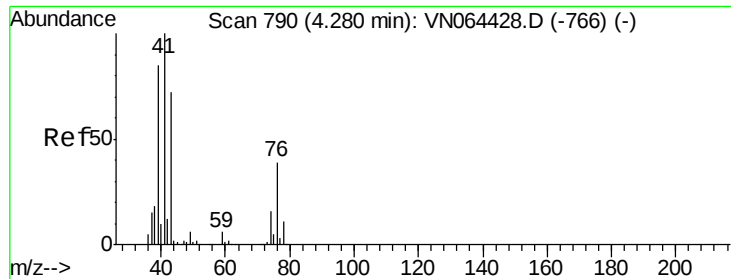
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





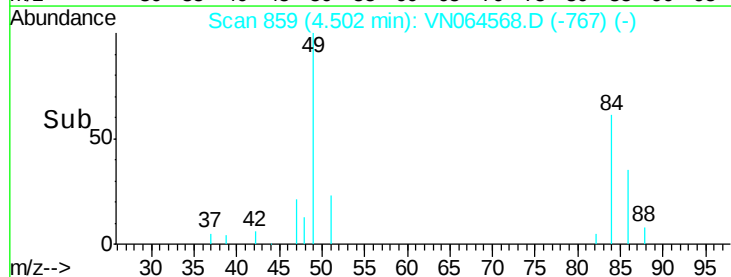
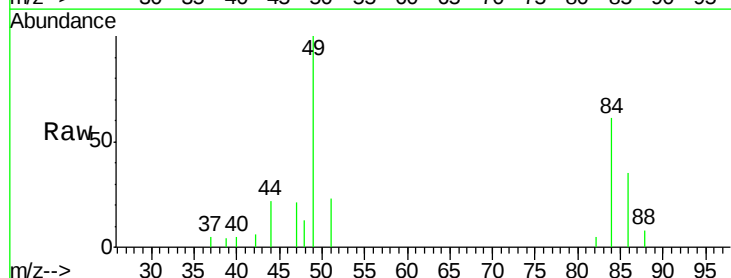
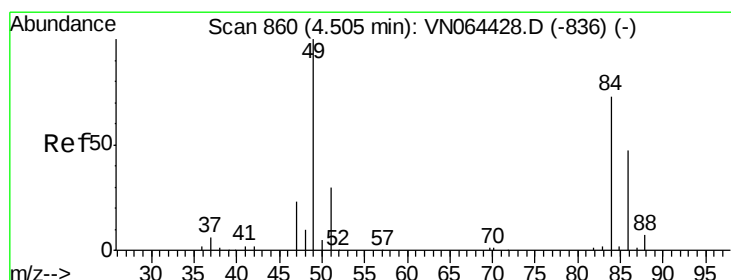
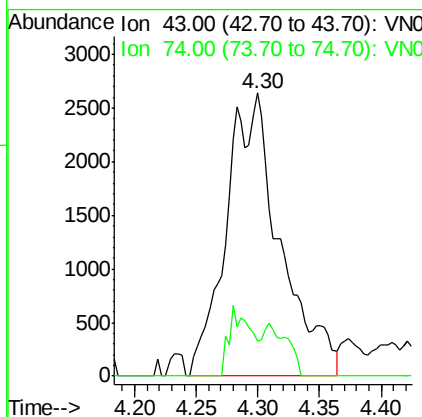
#18
Methyl Acetate
Concen: 2.679 ug/l m
RT: 4.30 min Scan# 796
Delta R.T. 0.02 min
Lab File: VN064568.D
Acq: 11 Nov 2020 20:28

Tot Ion: 43 Resp: 8025
Ion Ratio Lower Upper
43 100
74 9.7 17.0 25.4#

Instrument :
MSVOA_N
ClientSampleId :
PB132934ZHE#12

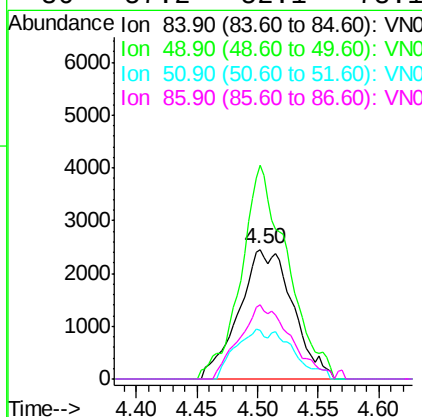
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#20
Methylene Chloride
Concen: 2.515 ug/l m
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064568.D
Acq: 11 Nov 2020 20:28

Tgt Ion: 84 Resp: 7605
Ion Ratio Lower Upper
84 100
49 164.4 110.1 165.1
51 37.7 33.6 50.4
86 57.2 52.1 78.1





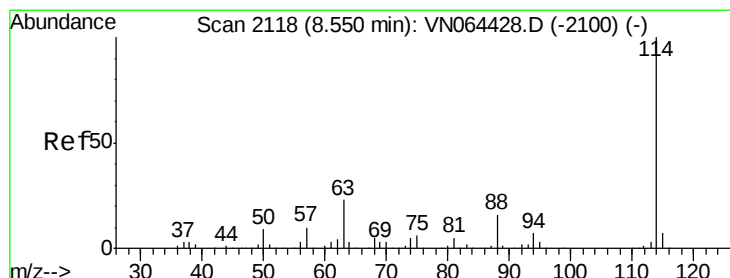
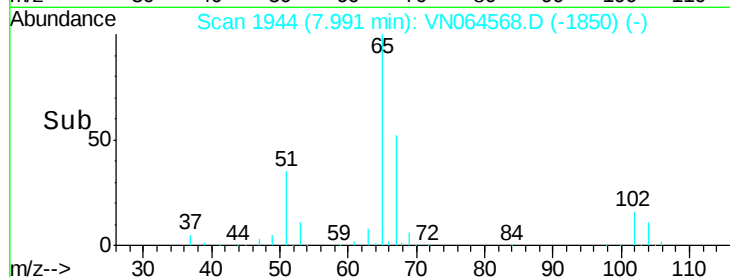
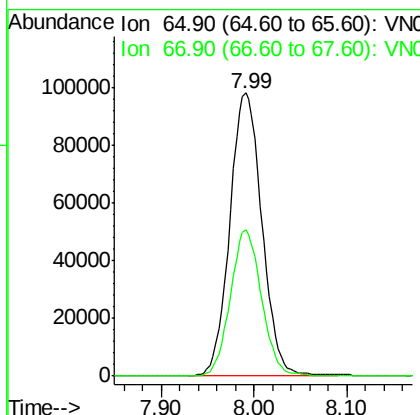
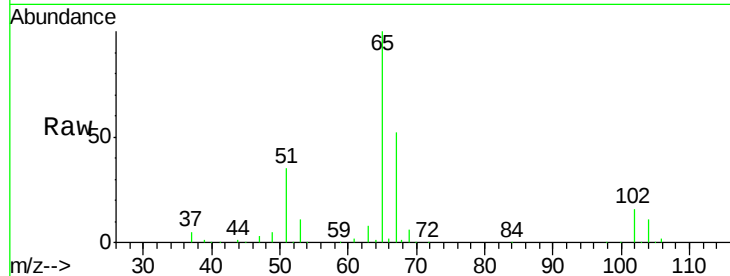
#33
 1,2-Dichloroethane-d4
 Concen: 58.969 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064568.D
 Acq: 11 Nov 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132934ZHE#12

Tot Ion	Ratio	Resp	Lower	Upper
65	100	235899		
67	50.1	0.0	101.6	

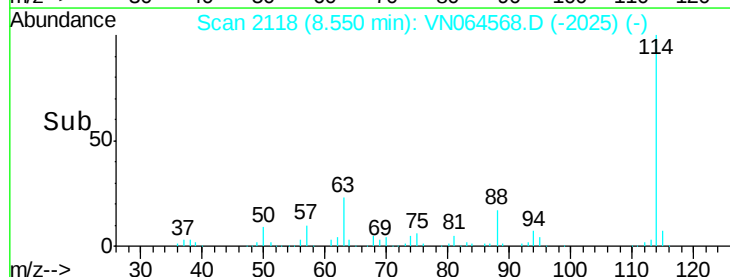
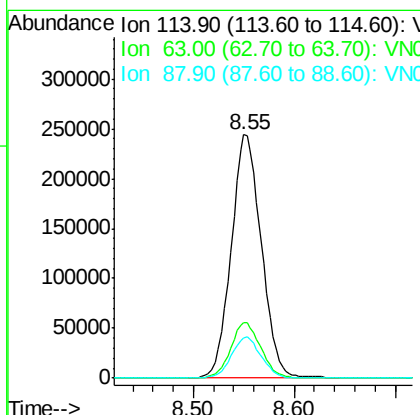
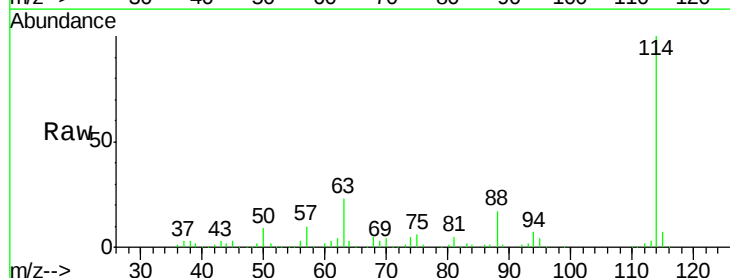
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064568.D
 Acq: 11 Nov 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	506409		
63	23.0	0.0	45.6	
88	16.6	0.0	32.8	





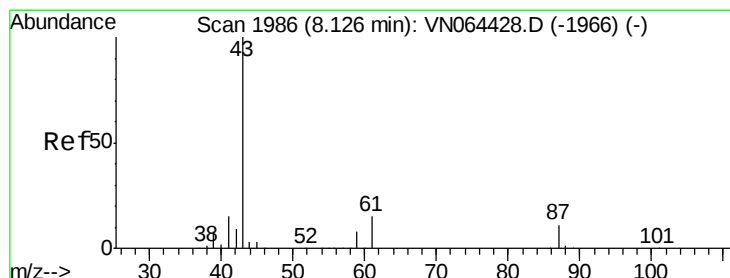
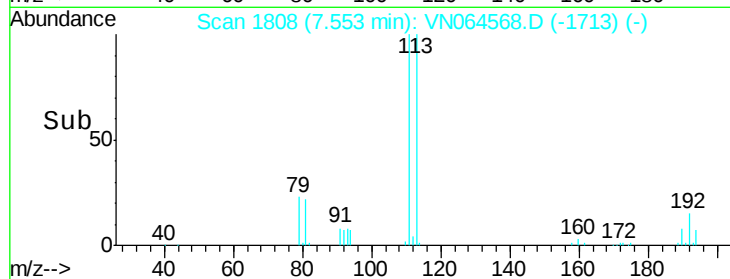
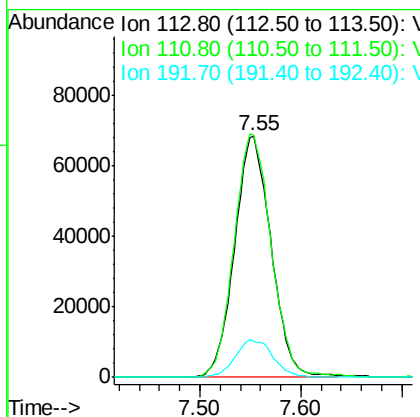
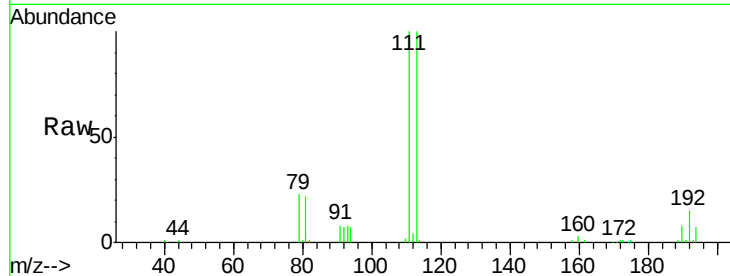
#35
 Dibromofluoromethane
 Concen: 49.768 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064568.D
 Acq: 11 Nov 2020 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132934ZHE#12

Tot Ion	Ratio	Resp	Lower	Upper
113	100	171596		
111	102.3	81.1	121.7	
192	16.2	12.8	19.2	

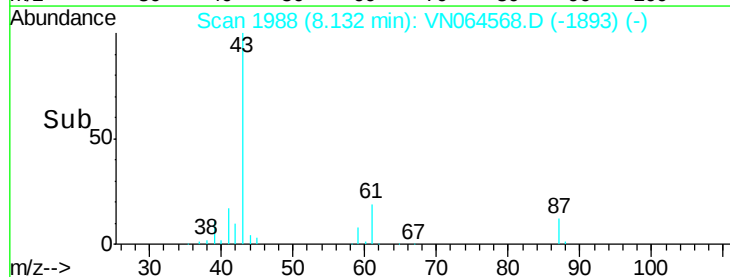
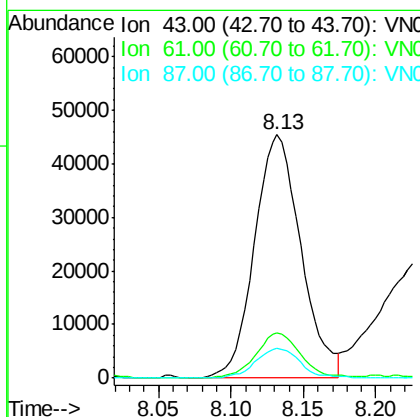
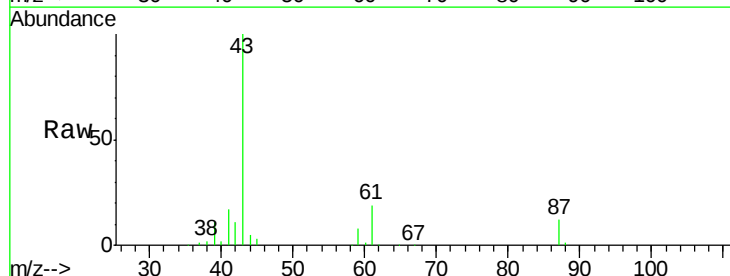
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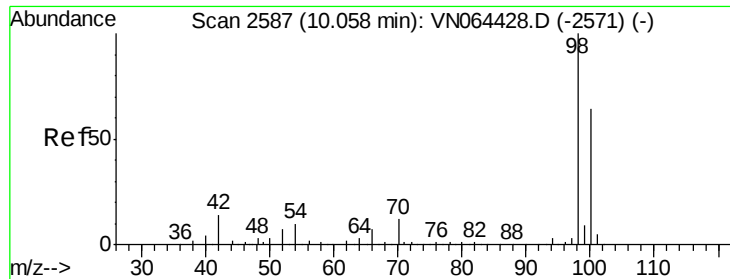
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#43
 Isopropyl Acetate
 Concen: 11.681 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064568.D
 Acq: 11 Nov 2020 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	101273		
61	18.0	14.0	21.0	
87	11.7	9.1	13.7	





#50

Toluene-d8

Concen: 49.286 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064568.D

Acq: 11 Nov 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

PB132934ZHE#12

Tot Ion: 98 Resp: 656804

Ion Ratio Lower Upper

98 100

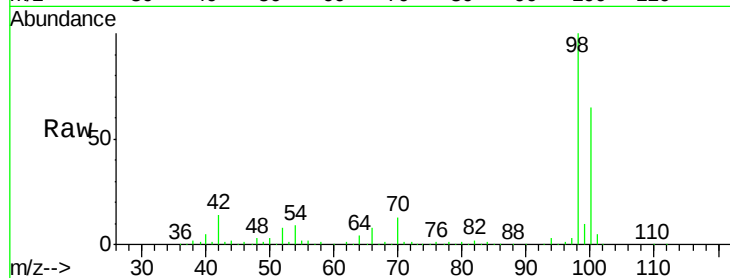
100 63.0 50.7 76.1

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

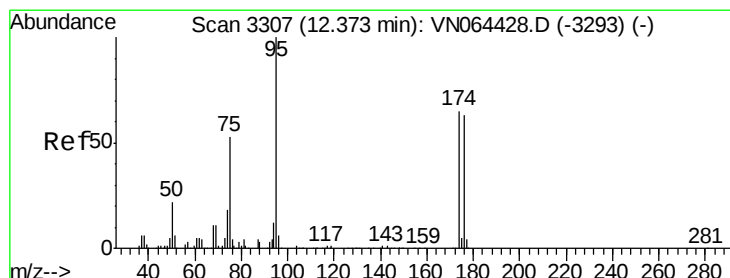
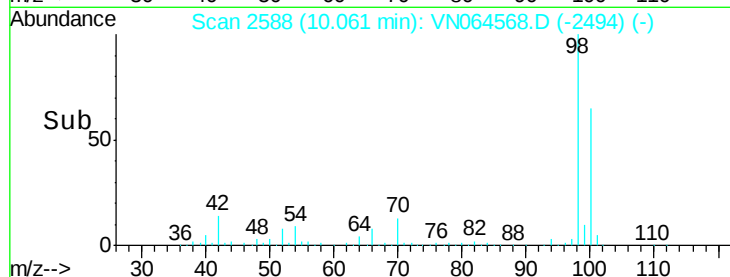
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.841 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064568.D

Acq: 11 Nov 2020 20:28

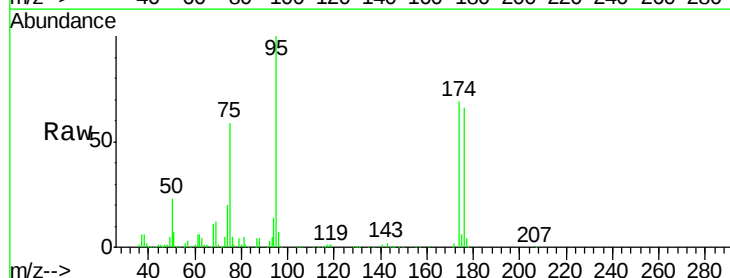
Tgt Ion: 95 Resp: 246152

Ion Ratio Lower Upper

95 100

174 69.7 0.0 132.6

176 65.8 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

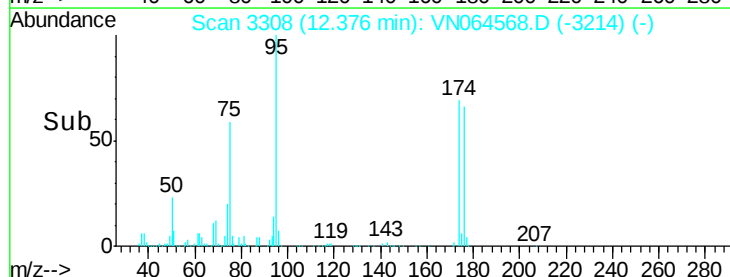
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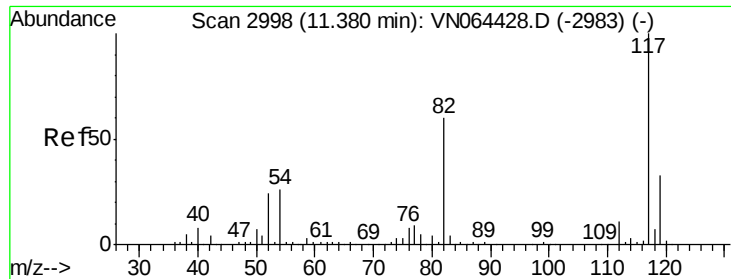
100000

50000

0

Time-->





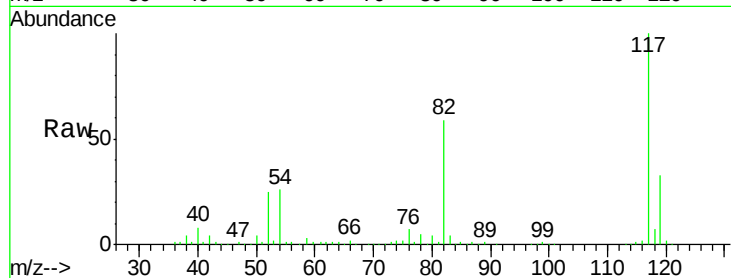
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064568.D
Acq: 11 Nov 2020 20:28

Instrument :
MSVOA_N
ClientSampleId :
PB132934ZHE#12

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	48.1	72.1
119	32.7	26.2	39.4

Manual Integrations
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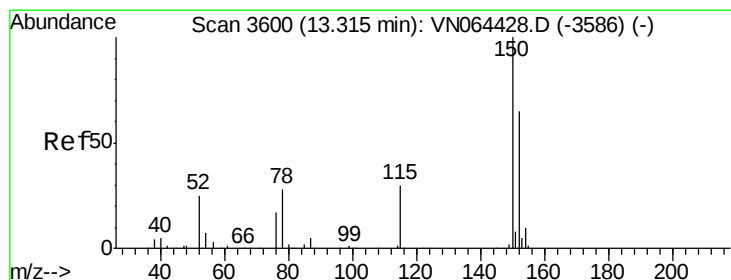
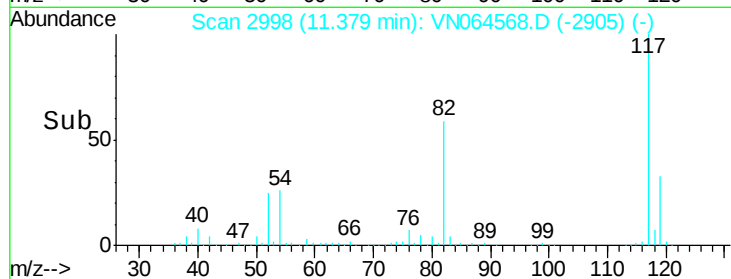
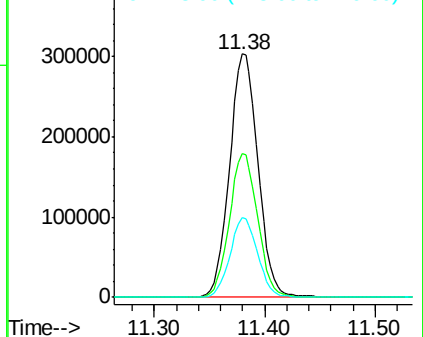


Abundance

Ion 116.90 (116.60 to 117.60): V

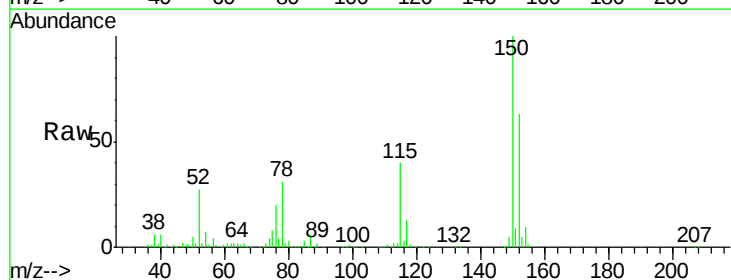
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.01 min
Lab File: VN064568.D
Acq: 11 Nov 2020 20:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.3	32.0	96.0
150	157.8	0.0	353.8



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

