

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064609.D
 Acq On : 13 Nov 2020 3:45
 Operator : JC/MD
 Sample : PB132945ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132945ZHE#07

Manual Integrations
 APPROVED

MMDadoda
 11/13/2020 11:43:39 AM

Quant Time: Nov 13 04:41:56 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	220284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	505858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	537367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	231629	60.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.74%	
35) Dibromofluoromethane	7.55	113	166833	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	10.06	98	641792	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.38	95	235766	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
Target Compounds						
16) Acetone	3.78	43	13986	9.569	ug/l #	83
18) Methyl Acetate	4.29	43	6523m	2.270	ug/l	
20) Methylene Chloride	4.51	84	9286	3.202	ug/l	92
43) Isopropyl Acetate	8.13	43	98380	11.360	ug/l	98

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

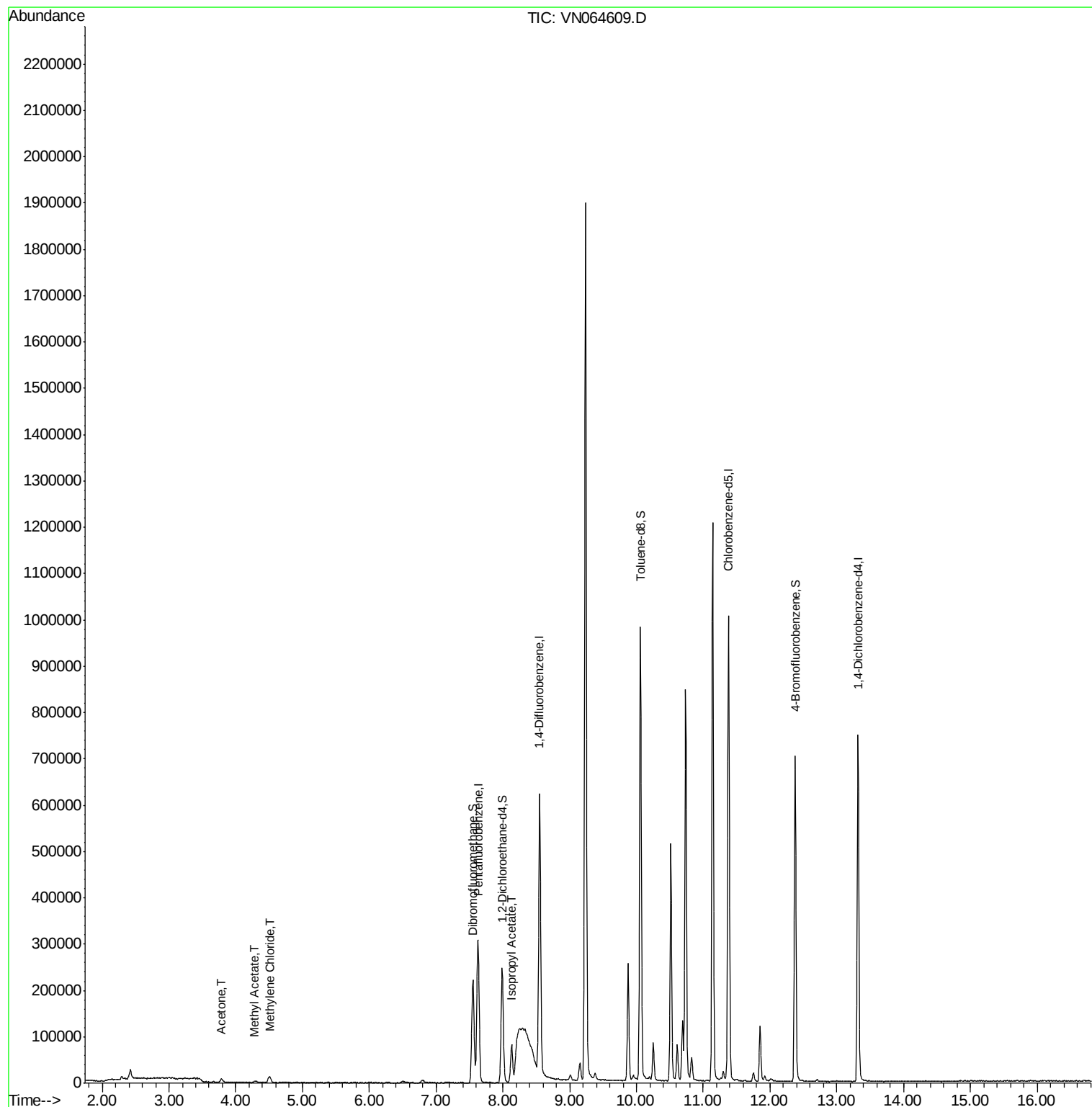
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111220\
Data File : VN064609.D
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Quant Time: Nov 13 04:41:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064609.D

Acq: 13 Nov 2020 3:45

Instrument :

MSVOA_N

ClientSampleId :

PB132945ZHE#07

Tot Ion:168 Resp: 220284

Ion Ratio Lower Upper

168 100

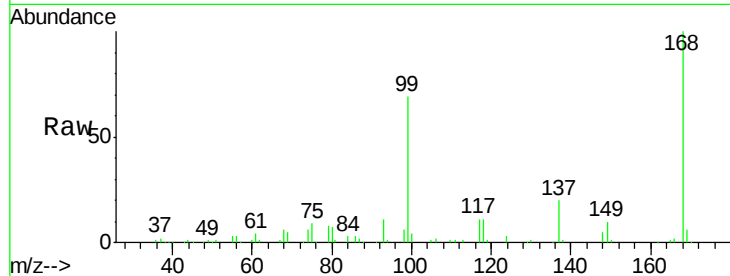
99 69.5 53.4 80.2

Manual Integrations

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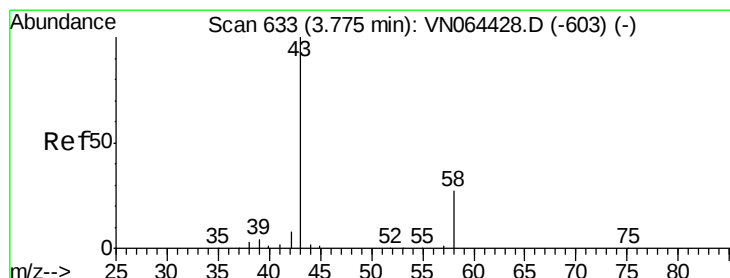
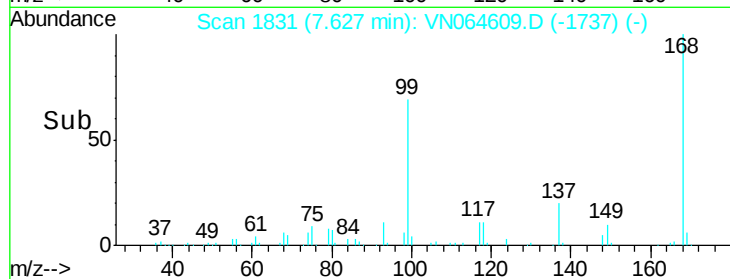
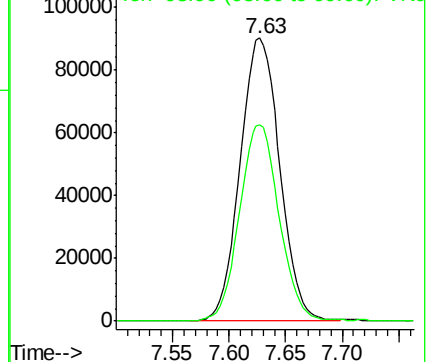
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.569 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064609.D

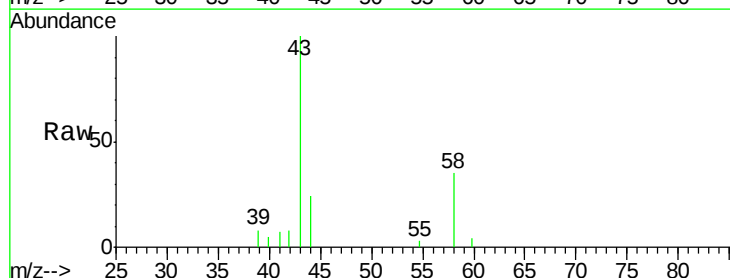
Acq: 13 Nov 2020 3:45

Tgt Ion: 43 Resp: 13986

Ion Ratio Lower Upper

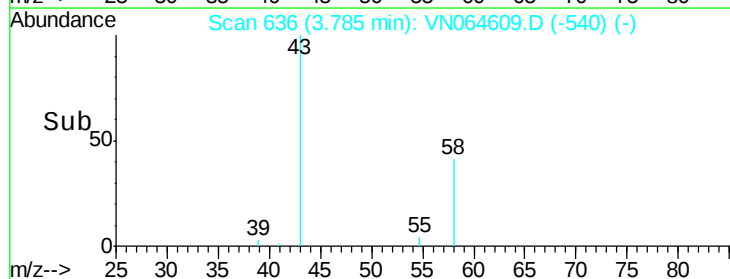
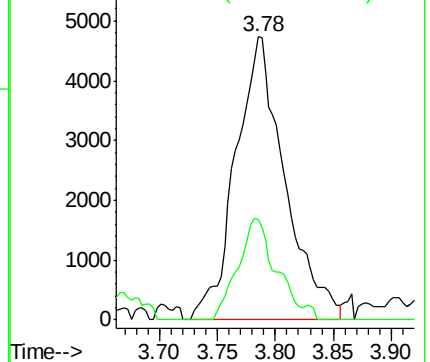
43 100

58 35.4 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





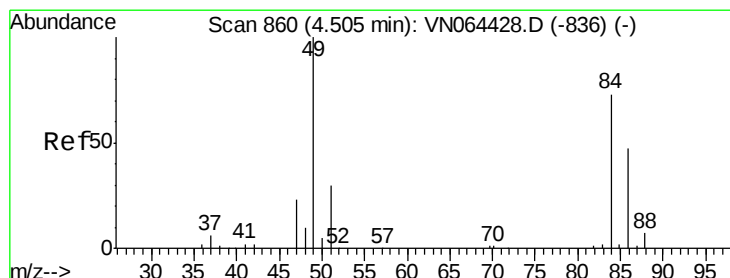
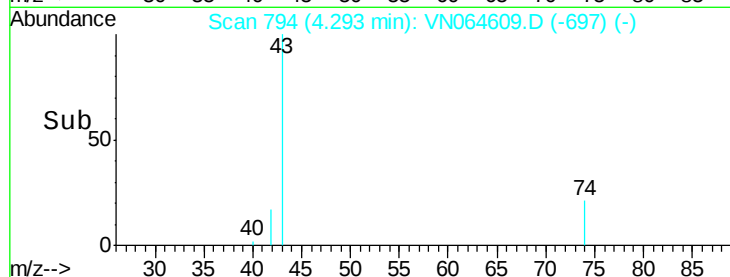
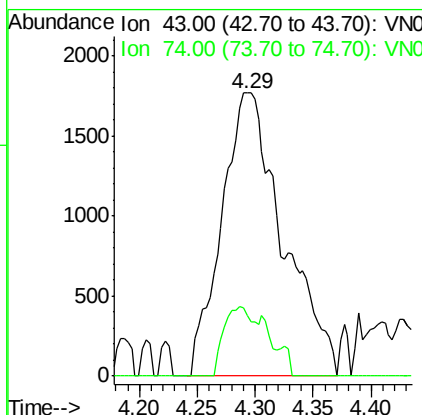
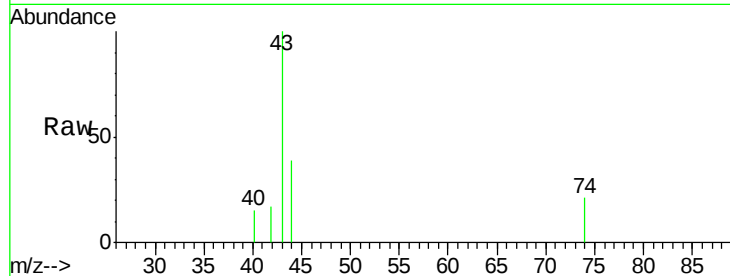
#18
Methyl Acetate
Concen: 2.270 ug/l m
RT: 4.29 min Scan# 794
Delta R.T. 0.01 min
Lab File: VN064609.D
Acq: 13 Nov 2020 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#07

Tot Ion: 43 Resp: 6523
Ion Ratio Lower Upper
43 100
74 12.2 17.0 25.4#

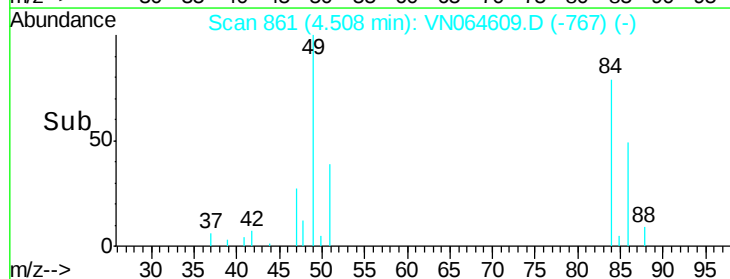
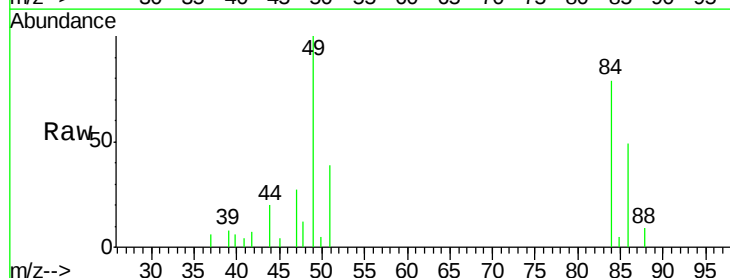
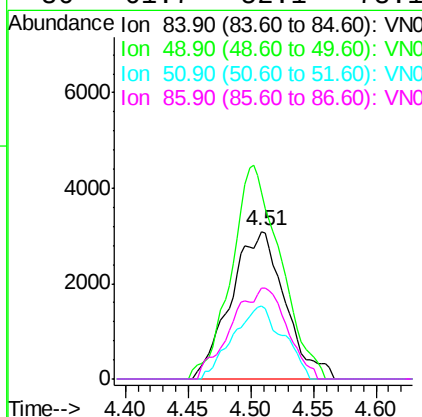
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#20
Methylene Chloride
Concen: 3.202 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064609.D
Acq: 13 Nov 2020 3:45

Tgt Ion: 84 Resp: 9286
Ion Ratio Lower Upper
84 100
49 126.7 110.1 165.1
51 49.4 33.6 50.4
86 61.7 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 60.367 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064609.D

Acq: 13 Nov 2020 3:45

Instrument :

MSVOA_N

ClientSampleId :

PB132945ZHE#07

Tot Ion: 65 Resp: 231629

Ion Ratio Lower Upper

65 100

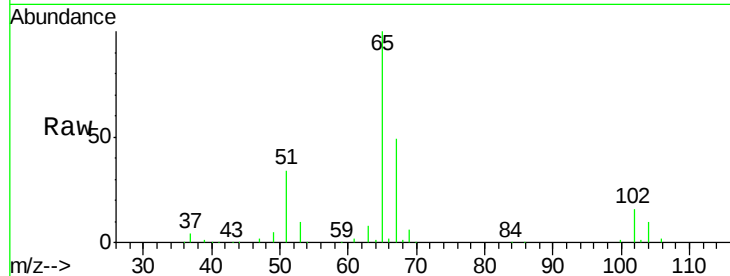
67 49.3 0.0 101.6

Manual Integrations

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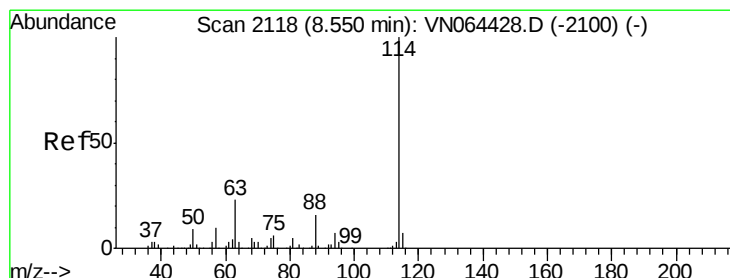
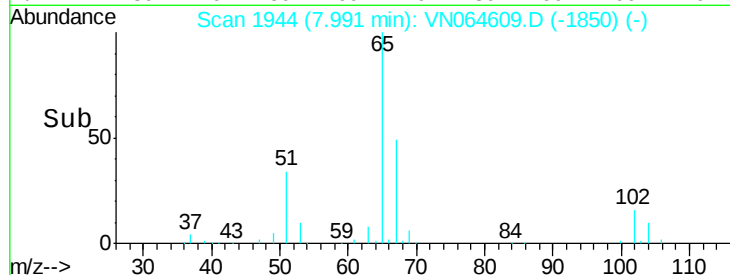
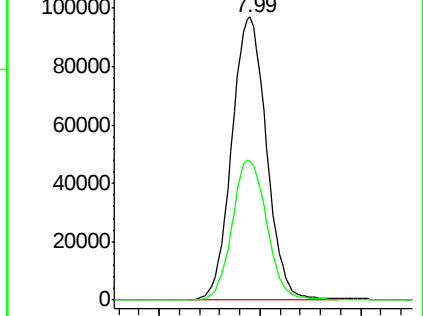
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Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064609.D

Acq: 13 Nov 2020 3:45

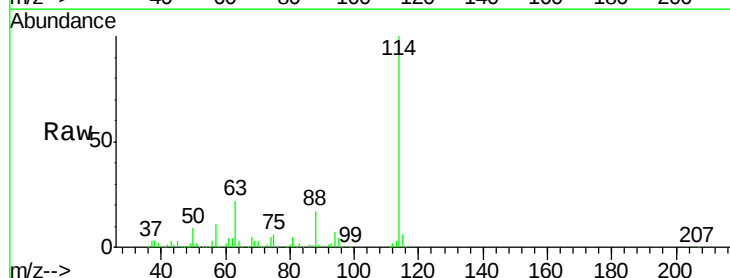
Tgt Ion: 114 Resp: 505858

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.6

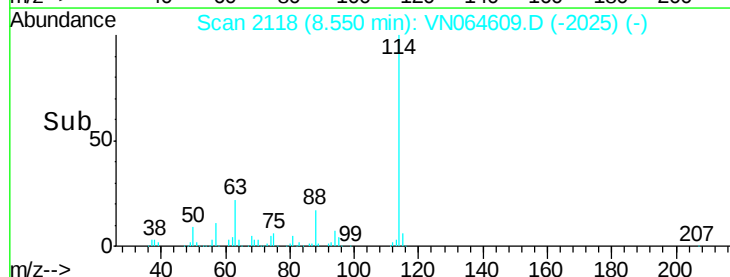
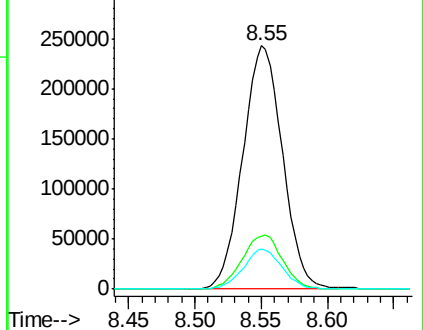
88 16.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064428.D (-2100) (-)





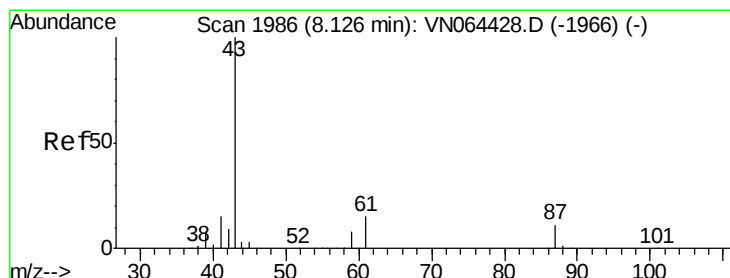
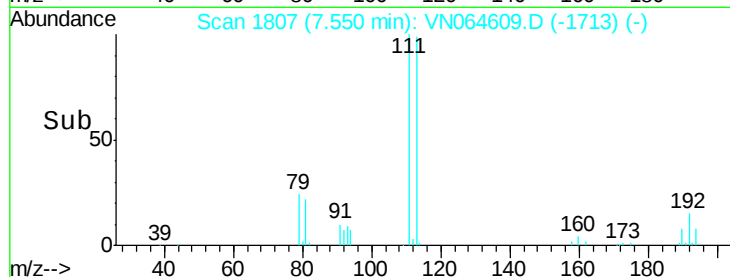
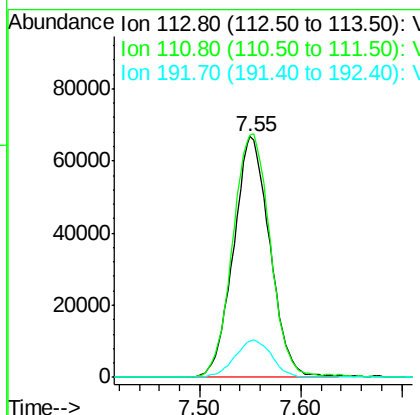
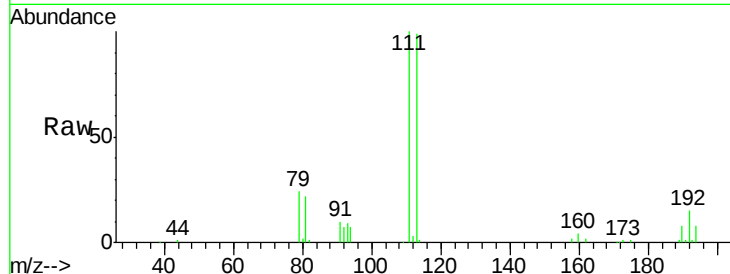
#35
Dibromofluoromethane
Concen: 48.439 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064609.D
Acq: 13 Nov 2020 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#07

Tot Ion	Ratio	Resp	Lower	Upper
113	100	166833		
111	104.0	81.1	121.7	
192	15.6	12.8	19.2	

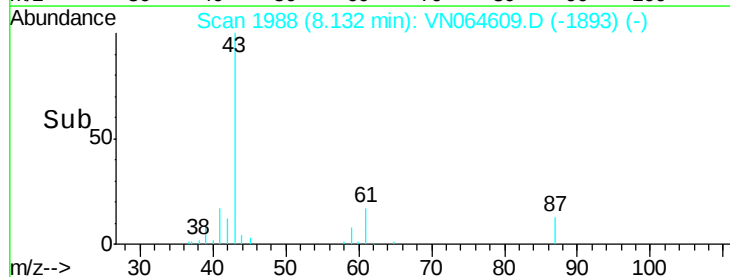
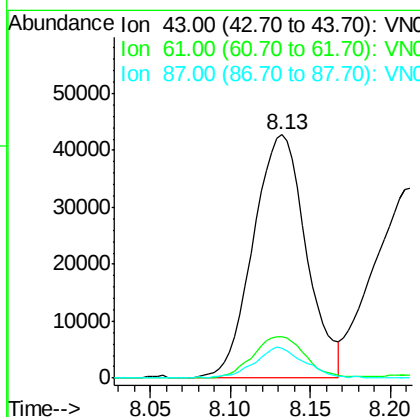
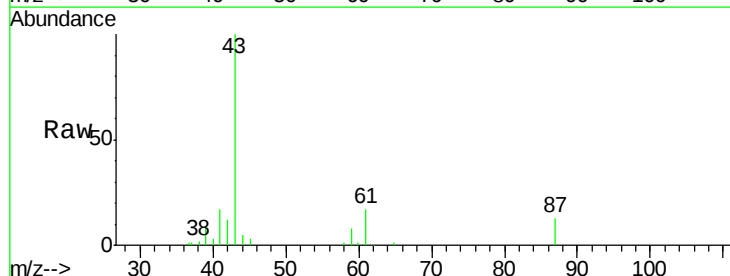
Manual Integrations
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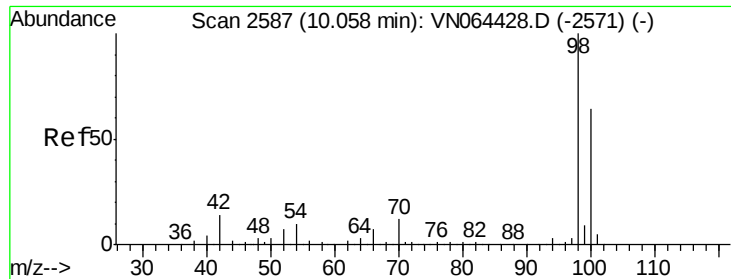
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#43
Isopropyl Acetate
Concen: 11.360 ug/l
RT: 8.13 min Scan# 1988
Delta R.T. 0.01 min
Lab File: VN064609.D
Acq: 13 Nov 2020 3:45

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	98380		
61	16.6	14.0	21.0	
87	11.7	9.1	13.7	





#50

Toluene-d8

Concen: 48.212 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064609.D

Acq: 13 Nov 2020 3:45

Instrument :

MSVOA_N

ClientSampleId :

PB132945ZHE#07

Tot Ion: 98 Resp: 641792

Ion Ratio Lower Upper

98 100

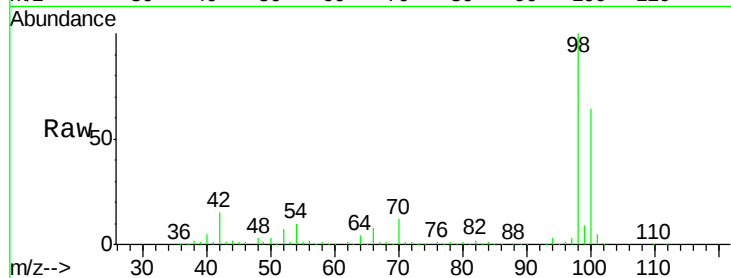
100 64.2 50.7 76.1

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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

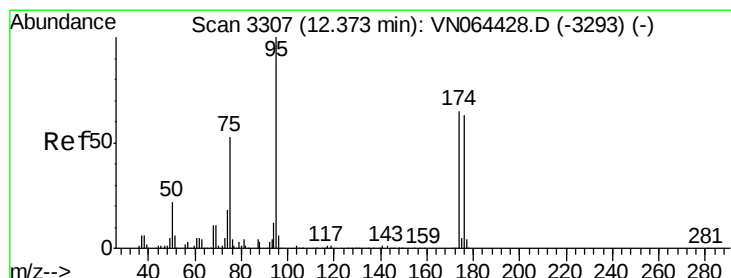
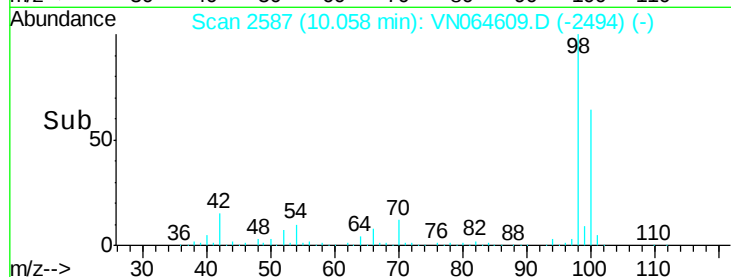
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.831 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064609.D

Acq: 13 Nov 2020 3:45

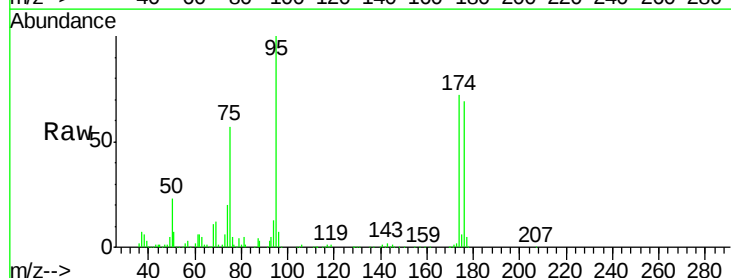
Tgt Ion: 95 Resp: 235766

Ion Ratio Lower Upper

95 100

174 72.1 0.0 132.6

176 69.3 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

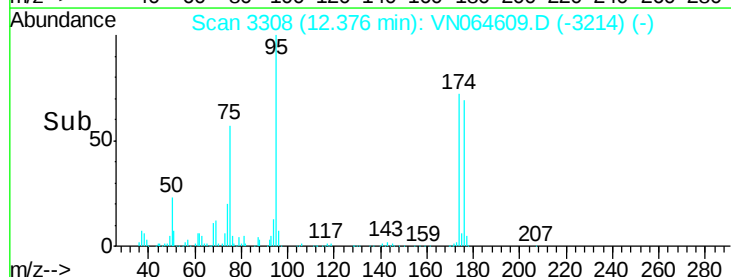
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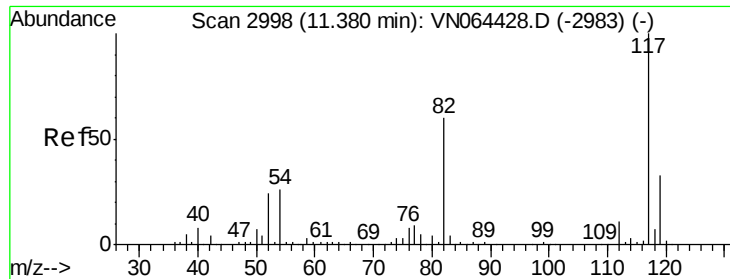
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50000

0

Time-->





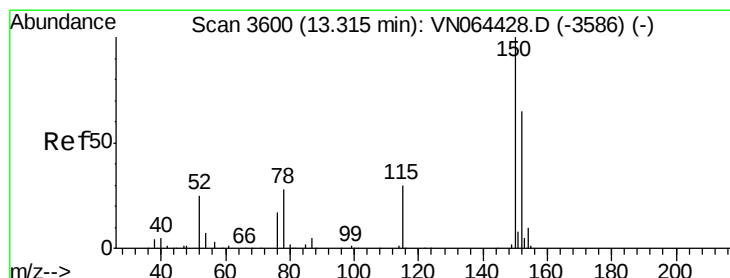
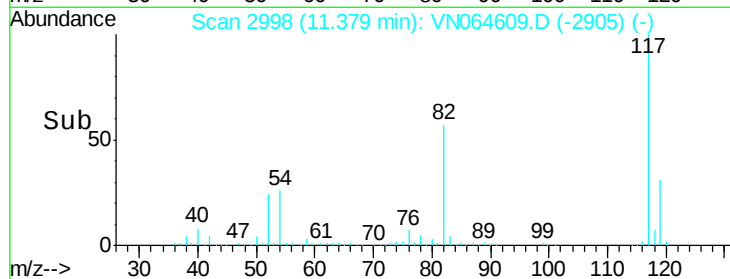
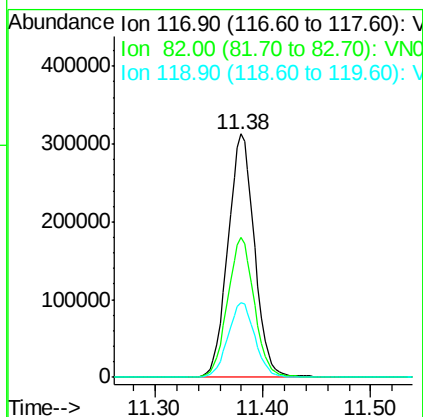
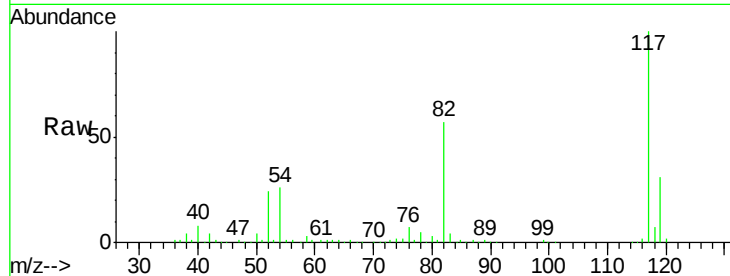
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064609.D
Acq: 13 Nov 2020 3:45

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#07

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	48.1	72.1
119	30.9	26.2	39.4

Manual Integrations
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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: VN064609.D
Acq: 13 Nov 2020 3:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	32.0	96.0
150	154.7	0.0	353.8

