

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064613.D
 Acq On : 13 Nov 2020 5:21
 Operator : JC/MD
 Sample : PB132945ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132945ZHE#11

Manual Integrations
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MMDadoda
 11/13/2020 11:43:49 AM

Quant Time: Nov 13 06:30:48 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	225403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	508663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	541143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	235920	60.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.18%	
35) Dibromofluoromethane	7.55	113	167199	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	10.06	98	655330	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.38	95	243369	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
Target Compounds						
16) Acetone	3.78	43	11315	7.566	ug/l #	86
18) Methyl Acetate	4.29	43	4010m	1.364	ug/l	
20) Methylene Chloride	4.51	84	7352	2.478	ug/l	94
43) Isopropyl Acetate	8.13	43	38055	4.370	ug/l	97

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

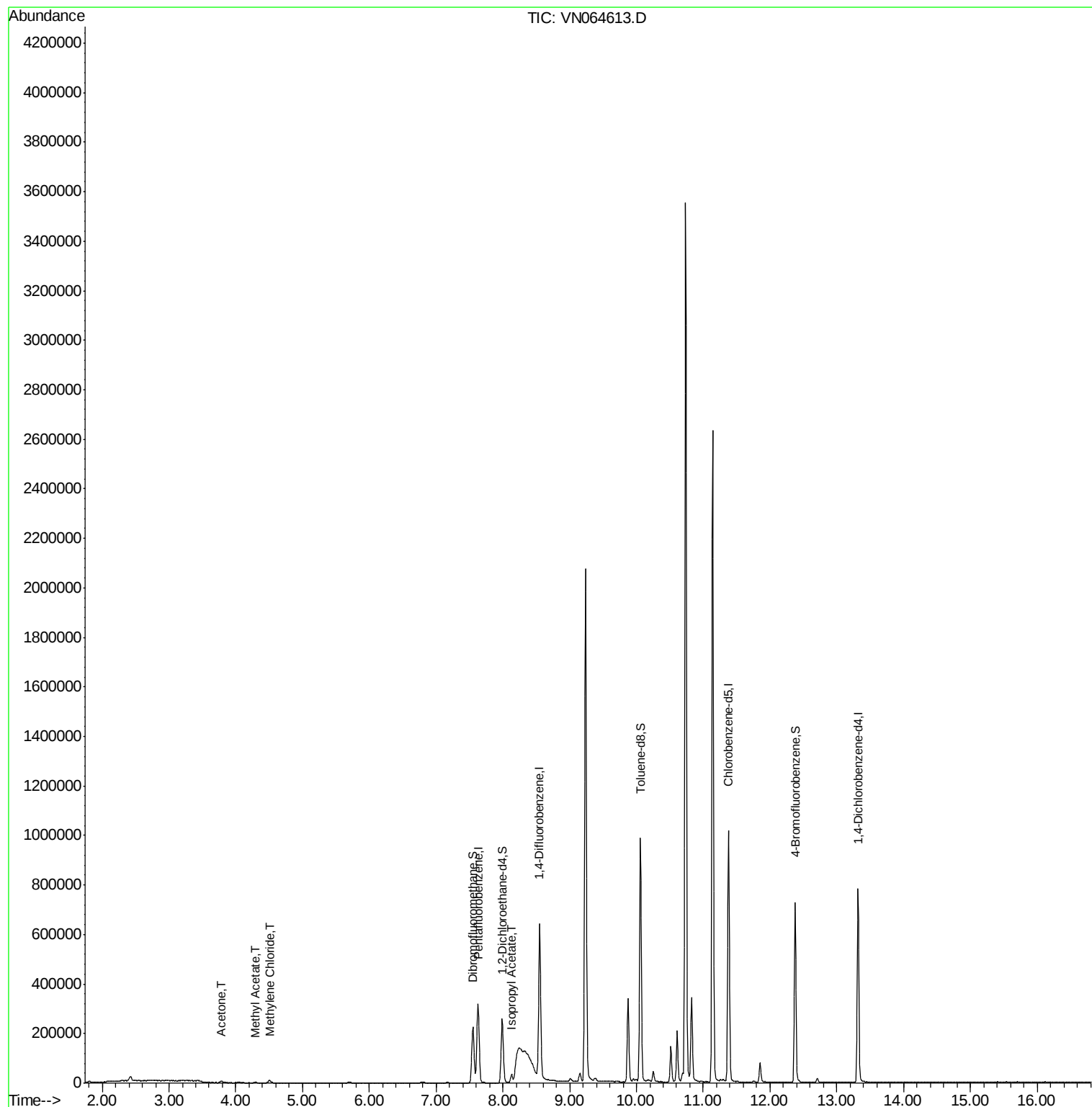
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111220\
Data File : VN064613.D
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Operator : JC/MD
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ALS Vial : 47 Sample Multiplier: 1

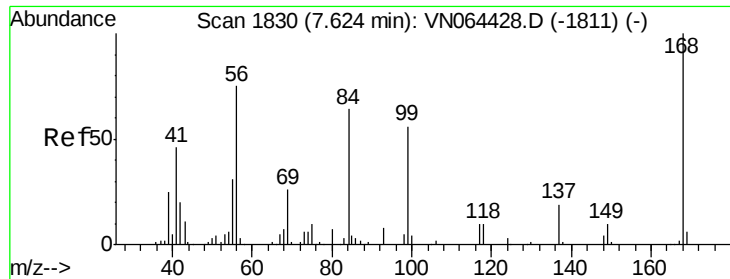
Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#11

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Quant Time: Nov 13 06:30:48 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: VN064613.D

Acq: 13 Nov 2020 5:21

Instrument :

MSVOA_N

ClientSampleId :

PB132945ZHE#11

Tot Ion:168 Resp: 225403

Ion Ratio Lower Upper

168 100

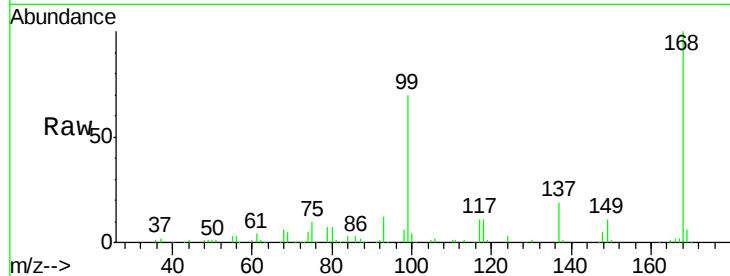
99 70.3 53.4 80.2

Manual Integrations

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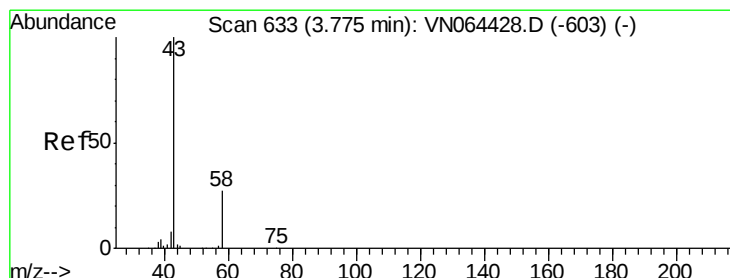
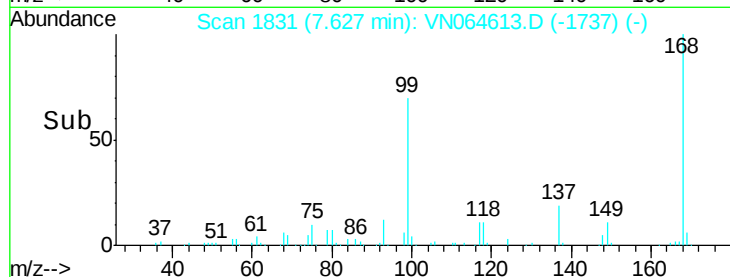
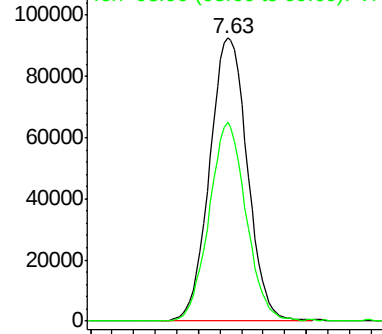
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.566 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064613.D

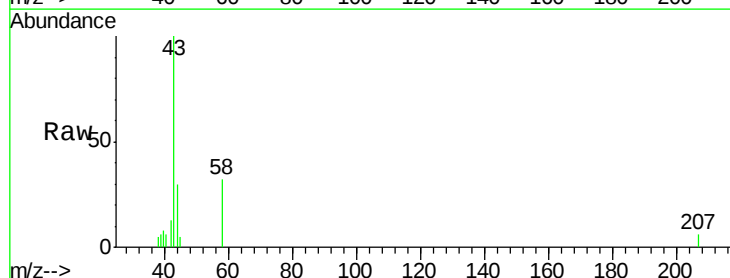
Acq: 13 Nov 2020 5:21

Tgt Ion: 43 Resp: 11315

Ion Ratio Lower Upper

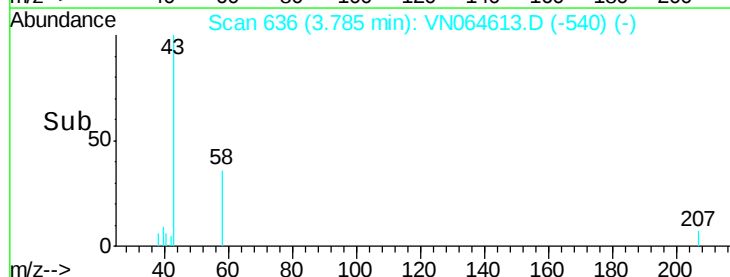
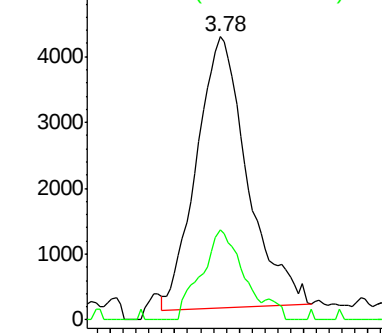
43 100

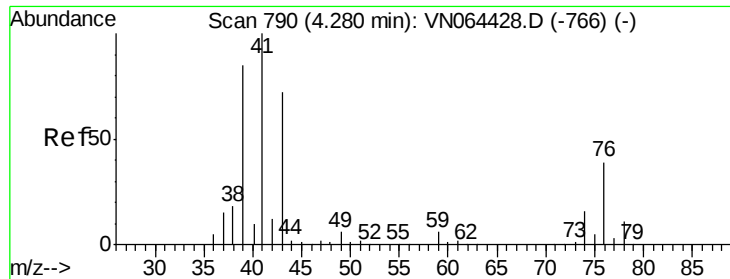
58 33.8 21.4 32.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





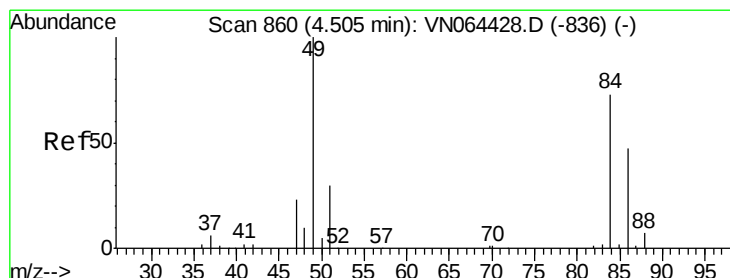
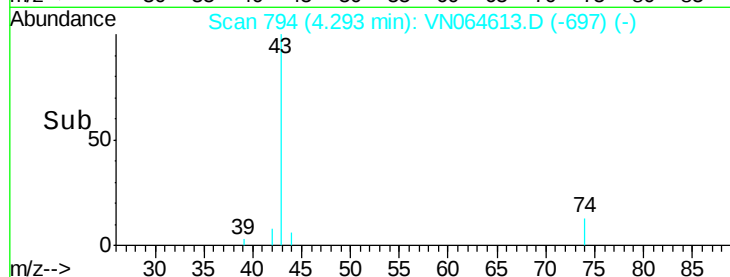
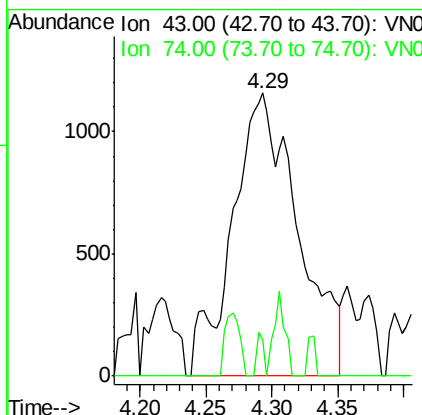
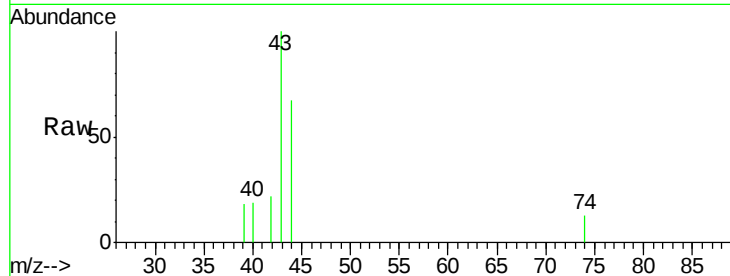
#18
Methyl Acetate
Concen: 1.364 ug/l m
RT: 4.29 min Scan# 794
Delta R.T. 0.01 min
Lab File: VN064613.D
Acq: 13 Nov 2020 5:21

Instrument :
MSVOA_N
ClientSampled :
PB132945ZHE#11

Tot Ion: 43 Resp: 4010
Ion Ratio Lower Upper
43 100
74 1.6 17.0 25.4#

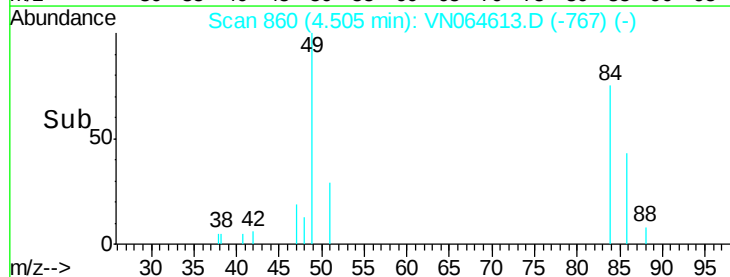
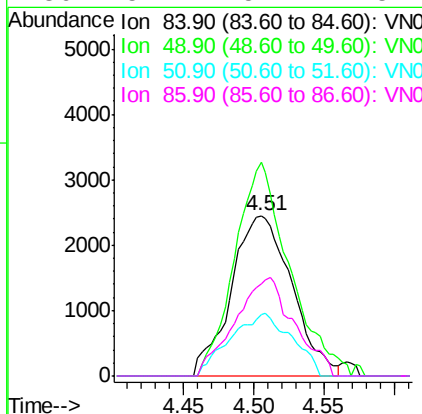
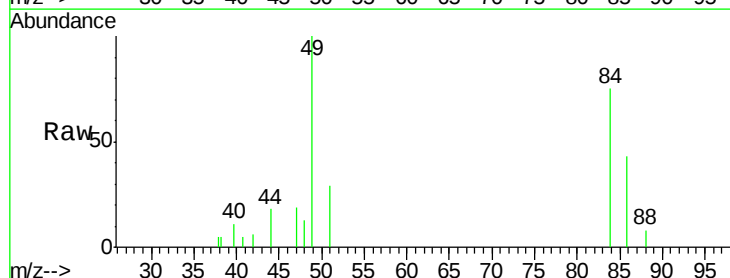
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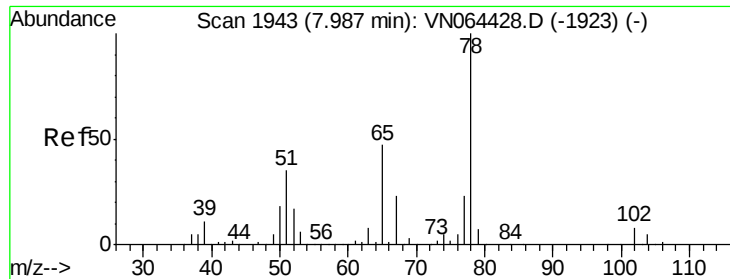
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#20
Methylene Chloride
Concen: 2.478 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064613.D
Acq: 13 Nov 2020 5:21

Tgt Ion: 84 Resp: 7352
Ion Ratio Lower Upper
84 100
49 133.0 110.1 165.1
51 38.4 33.6 50.4
86 57.7 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 60.089 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064613.D

Acq: 13 Nov 2020 5:21

Instrument :

MSVOA_N

ClientSampleId :

PB132945ZHE#11

Tot Ion: 65 Resp: 235920

Ion Ratio Lower Upper

65 100

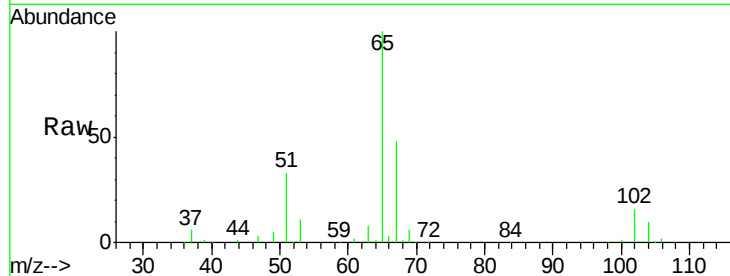
67 48.5 0.0 101.6

Manual Integrations

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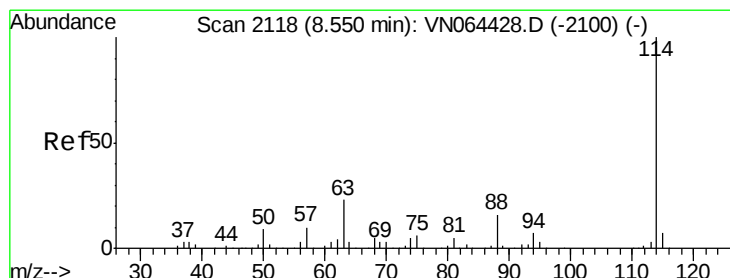
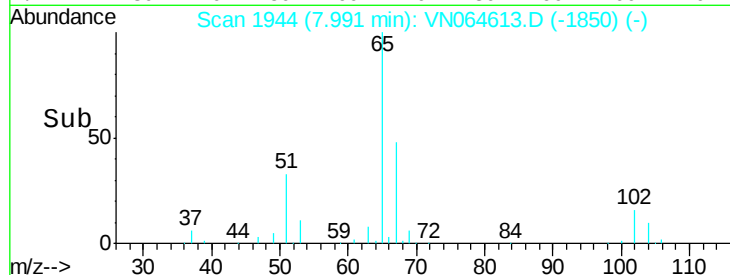


Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

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

Time-->

7.90 7.95 8.00 8.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064613.D

Acq: 13 Nov 2020 5:21

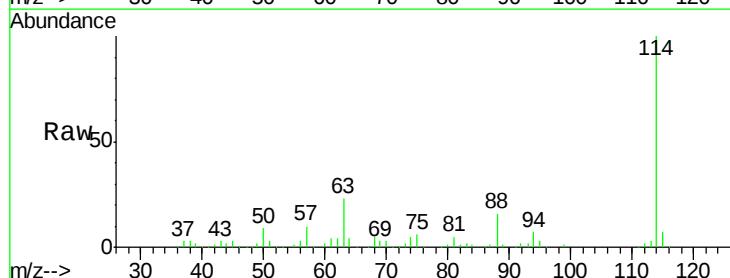
Tgt Ion: 114 Resp: 508663

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.6

88 16.1 0.0 32.8



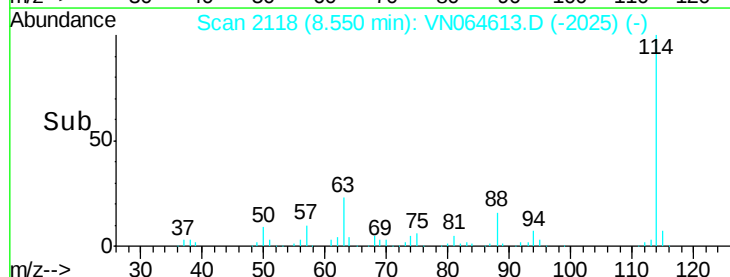
Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

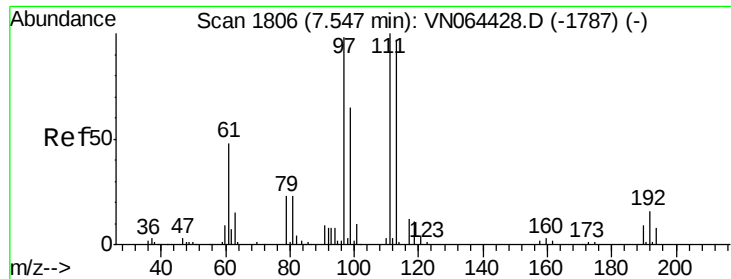
Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

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

Time-->

8.45 8.50 8.55 8.60 8.65





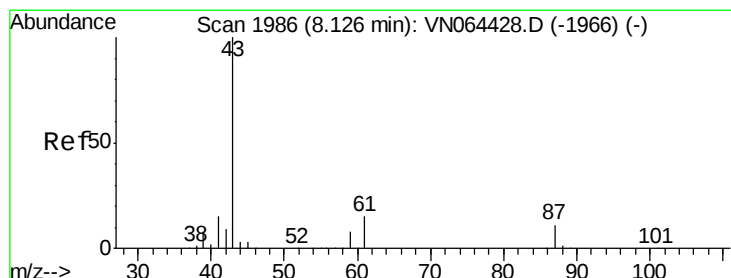
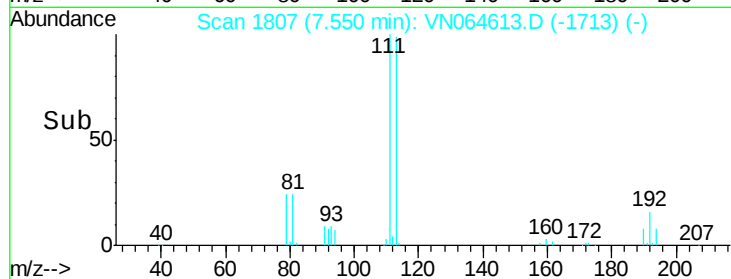
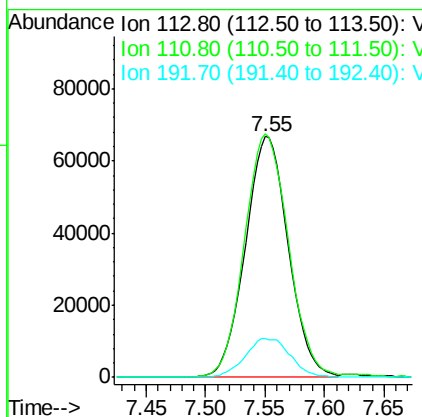
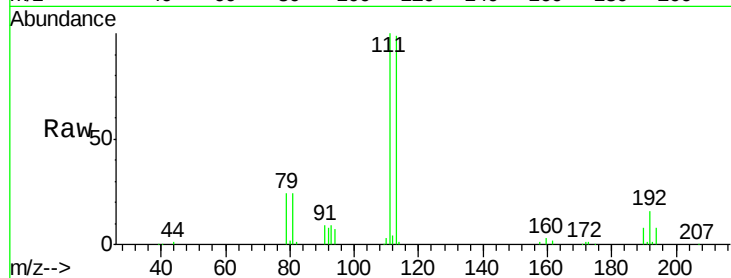
#35
 Dibromofluoromethane
 Concen: 48.277 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064613.D
 Acq: 13 Nov 2020 5:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132945ZHE#11

Tot Ion	Ratio	Resp	Lower	Upper
113	100	167199		
111	103.6	81.1	121.7	
192	17.0	12.8	19.2	

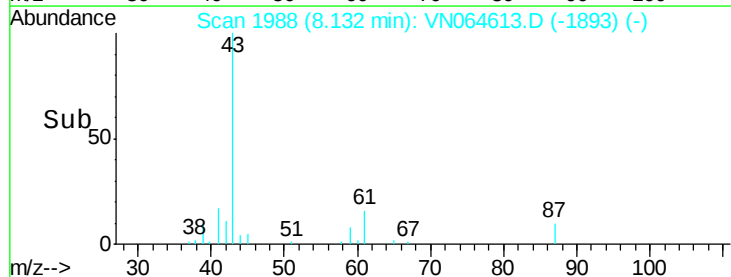
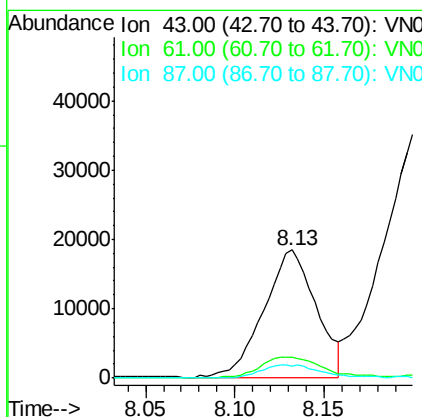
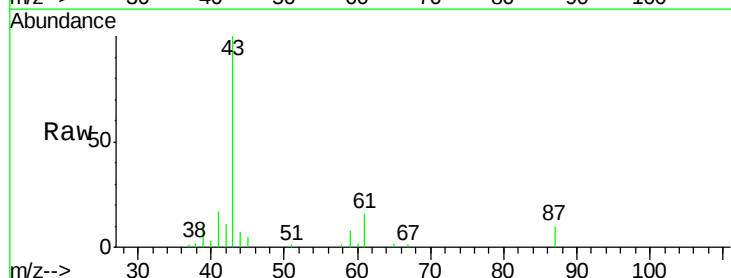
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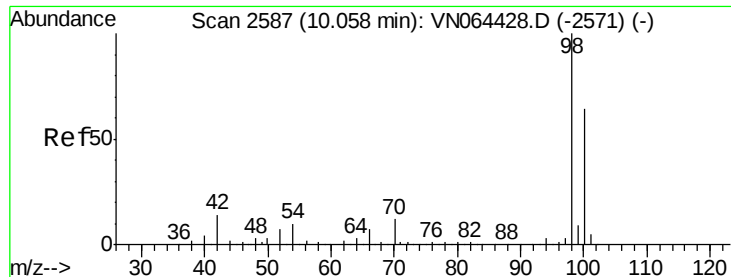
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#43
 Isopropyl Acetate
 Concen: 4.370 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064613.D
 Acq: 13 Nov 2020 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	38055		
61	19.5	14.0	21.0	
87	11.5	9.1	13.7	





#50

Toluene-d8

Concen: 48.958 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064613.D

Acq: 13 Nov 2020 5:21

Instrument :

MSVOA_N

ClientSampleId :

PB132945ZHE#11

Tot Ion: 98 Resp: 655330

Ion Ratio Lower Upper

98 100

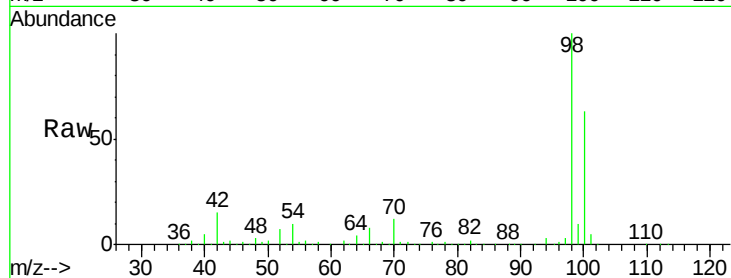
100 63.3 50.7 76.1

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Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

10.06

400000

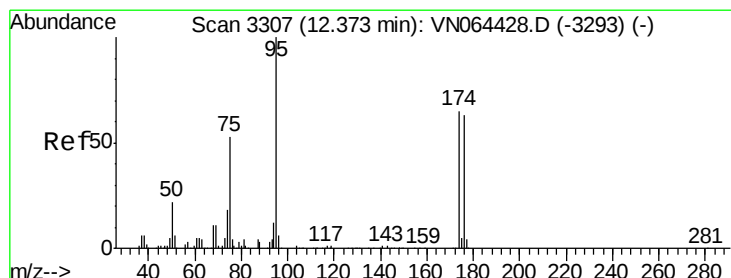
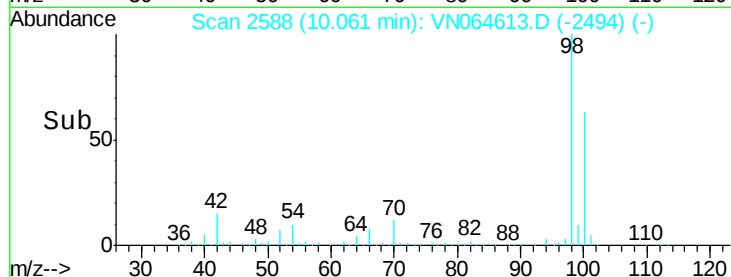
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.075 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064613.D

Acq: 13 Nov 2020 5:21

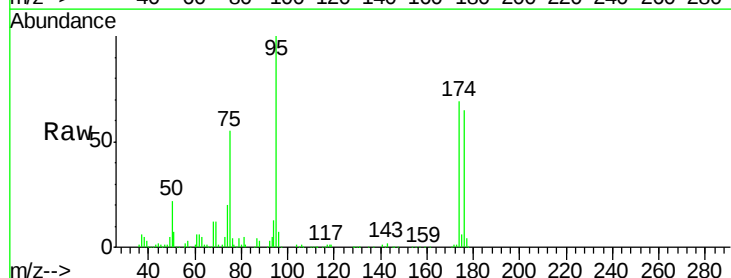
Tgt Ion: 95 Resp: 243369

Ion Ratio Lower Upper

95 100

174 70.8 0.0 132.6

176 66.5 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

12.38

200000

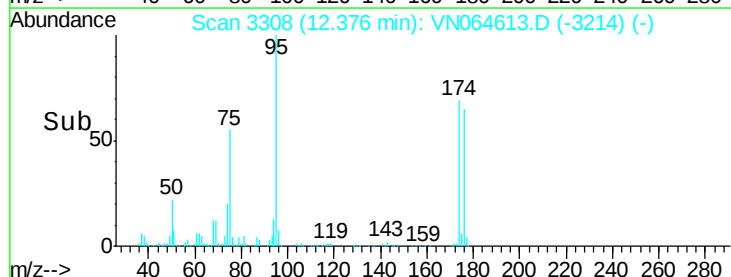
150000

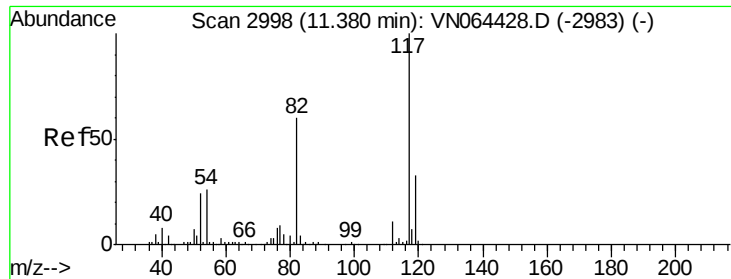
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50000

0

Time-->





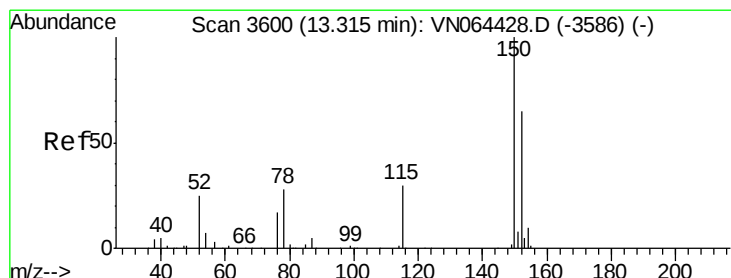
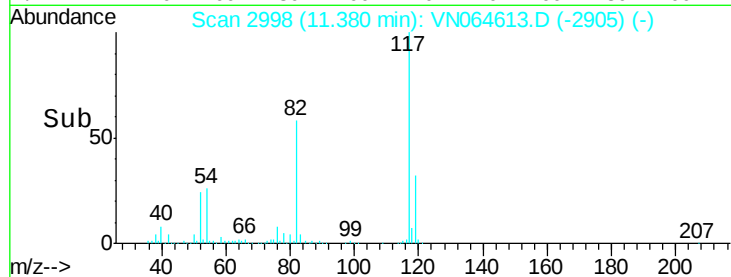
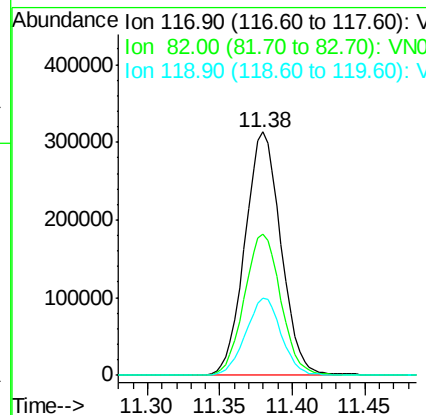
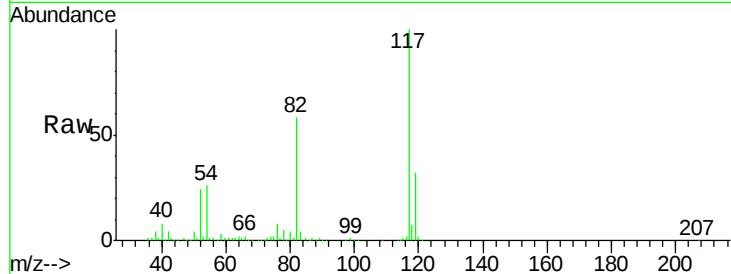
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064613.D
Acq: 13 Nov 2020 5:21

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#11

Tot Ion	Ratio	Resp	Lower	Upper
117	100	541143		
82	58.2	48.1	72.1	
119	31.8	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: VN064613.D
Acq: 13 Nov 2020 5:21

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	192245		
115	65.9	32.0	96.0	
150	159.2	0.0	353.8	

