

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064534.D
 Acq On : 10 Nov 2020 18:37
 Operator : JC/MD
 Sample : PB132908TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132908TB

Manual Integrations
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 11/11/2020 1:01:59 PM

Quant Time: Nov 11 03:23:38 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	246473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	497371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	557328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	240466	56.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.02%	
35) Dibromofluoromethane	7.55	113	178004	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
50) Toluene-d8	10.06	98	686063	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.38	95	253267	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
Target Compounds						
16) Acetone	3.79	43	18306	11.194	ug/l	99
18) Methyl Acetate	4.30	43	5504m	1.712	ug/l	
20) Methylene Chloride	4.50	84	18208	5.612	ug/l	91
43) Isopropyl Acetate	8.13	43	93385	10.967	ug/l	98

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

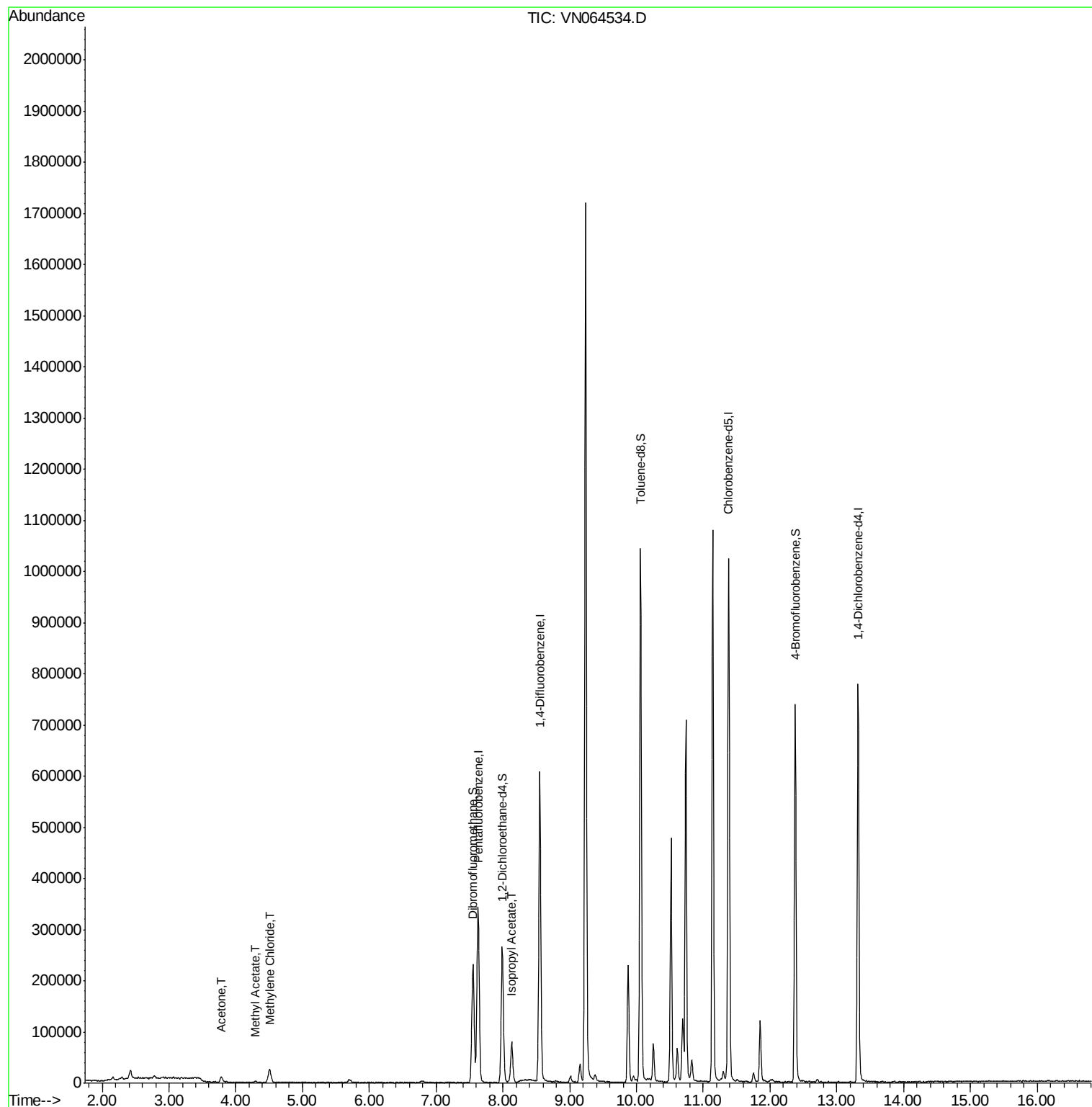
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
Data File : VN064534.D
Acq On : 10 Nov 2020 18:37
Operator : JC/MD
Sample : PB132908TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

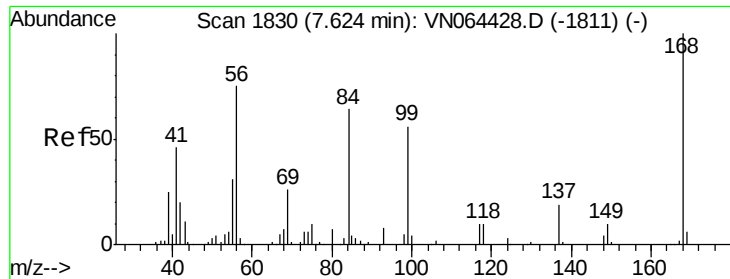
Instrument :
MSVOA_N
ClientSampleId :
PB132908TB

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Quant Time: Nov 11 03:23:38 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064534.D

Acq: 10 Nov 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

PB132908TB

Tot Ion:168 Resp: 246473

Ion Ratio Lower Upper

168 100

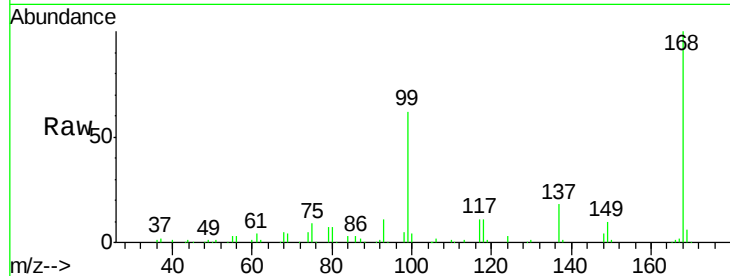
99 62.0 53.4 80.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

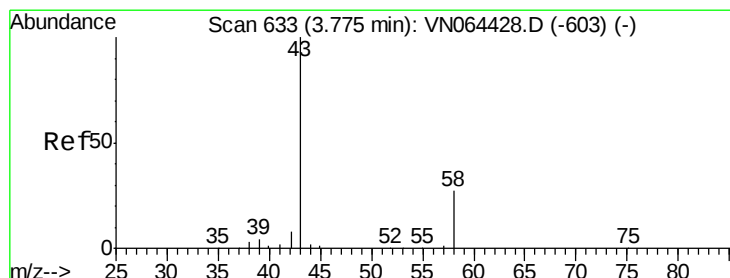
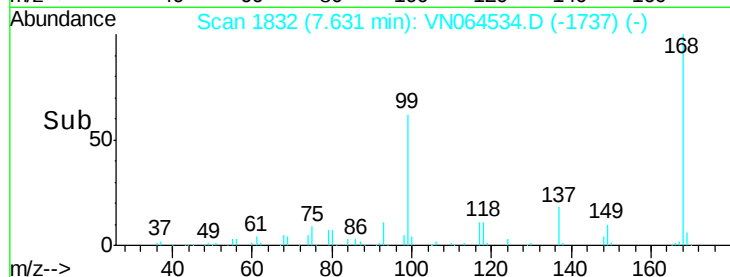
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 11.194 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064534.D

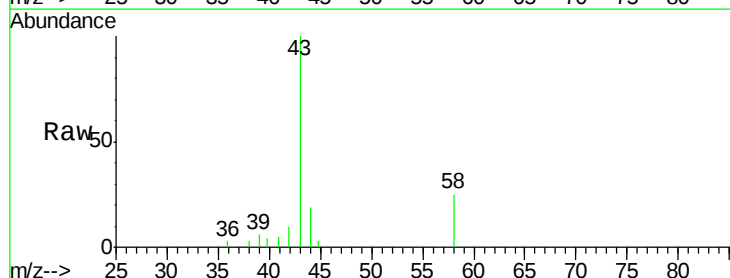
Acq: 10 Nov 2020 18:37

Tgt Ion: 43 Resp: 18306

Ion Ratio Lower Upper

43 100

58 26.0 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

8000

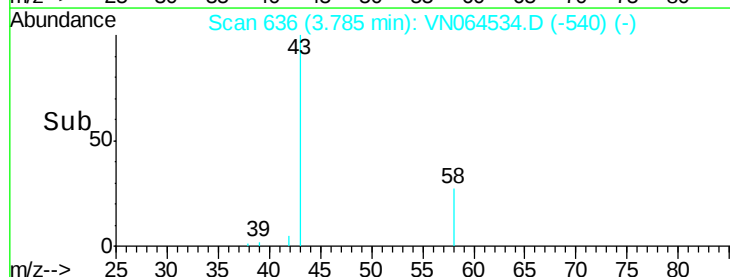
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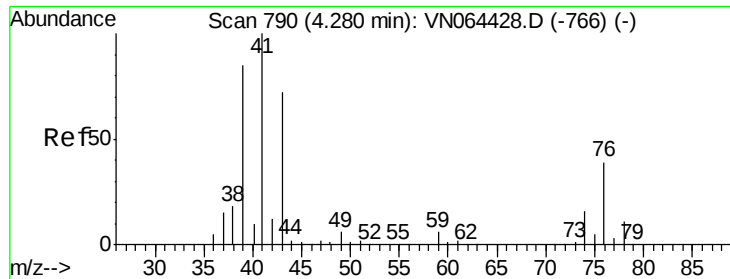
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2000

0

Time-->





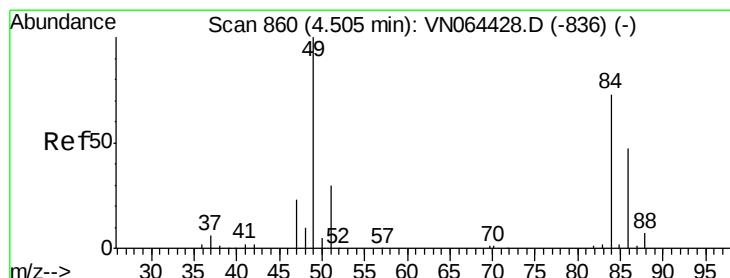
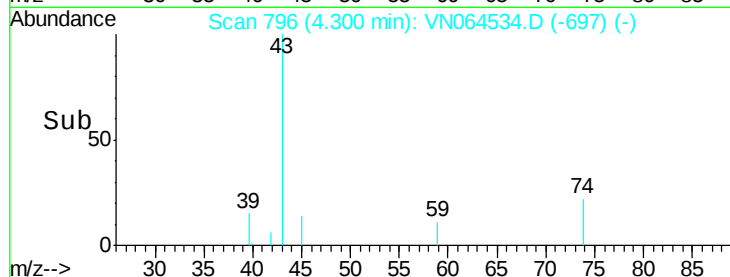
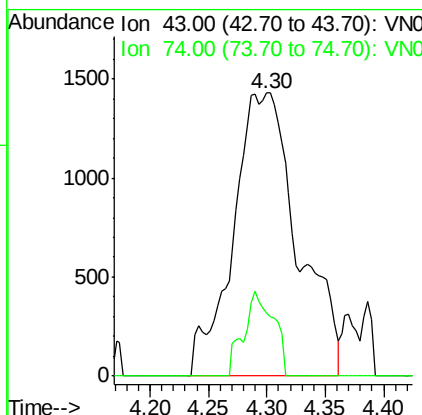
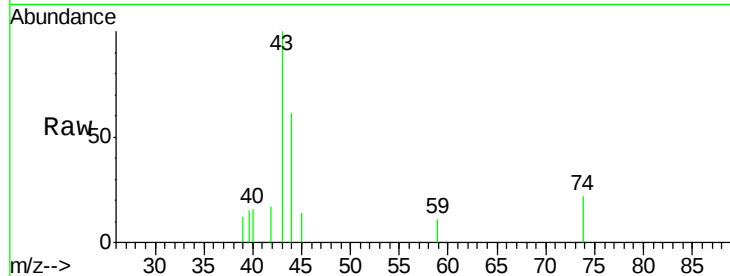
#18
Methyl Acetate
Concen: 1.712 ug/l m
RT: 4.30 min Scan# 796
Delta R.T. 0.02 min
Lab File: VN064534.D
Acq: 10 Nov 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :
PB132908TB

Tot Ion: 43 Resp: 5504
Ion Ratio Lower Upper
43 100
74 13.5 17.0 25.4#

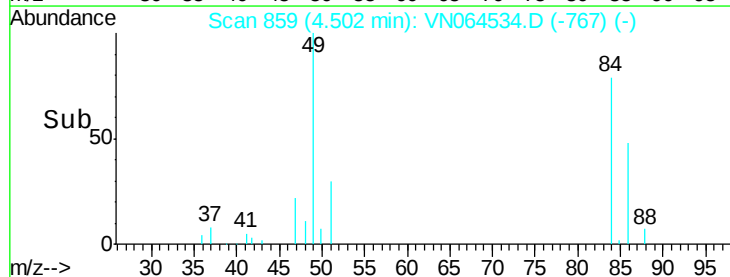
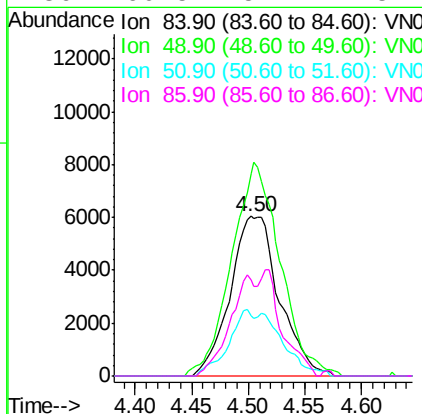
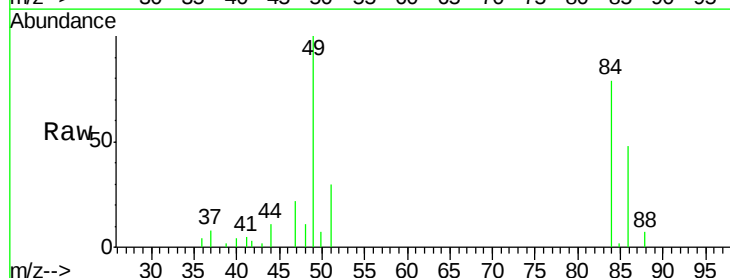
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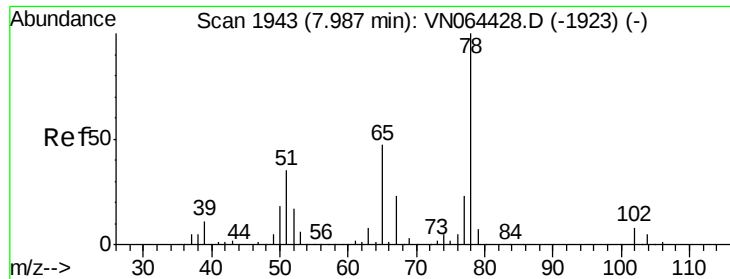
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#20
Methylene Chloride
Concen: 5.612 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064534.D
Acq: 10 Nov 2020 18:37

Tgt Ion: 84 Resp: 18208
Ion Ratio Lower Upper
84 100
49 124.1 110.1 165.1
51 37.9 33.6 50.4
86 60.5 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 56.011 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064534.D

Acq: 10 Nov 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

PB132908TB

Tot Ion: 65 Resp: 240466

Ion Ratio Lower Upper

65 100

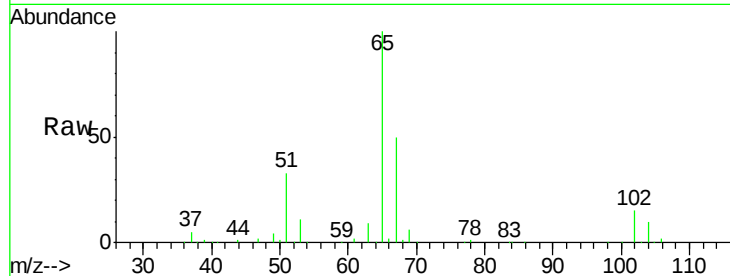
67 49.1 0.0 101.6

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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) (-)

7.99

100000

80000

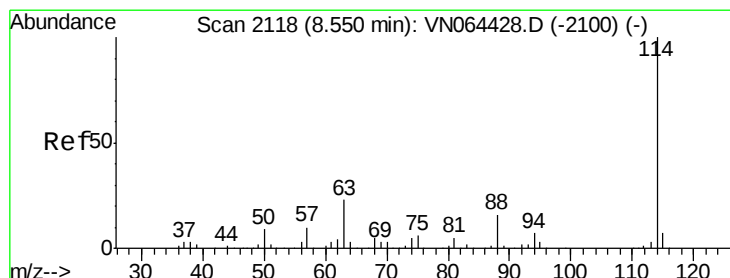
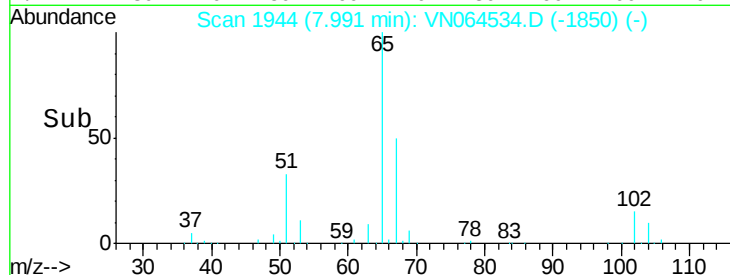
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064534.D

Acq: 10 Nov 2020 18:37

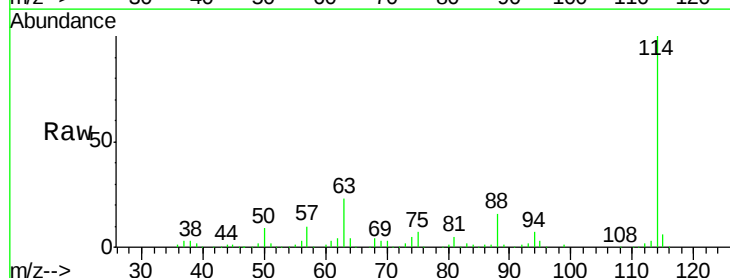
Tgt Ion: 114 Resp: 497371

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 15.8 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) (-)

8.55

300000

250000

200000

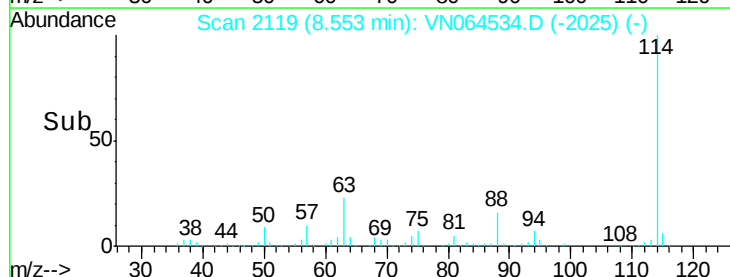
150000

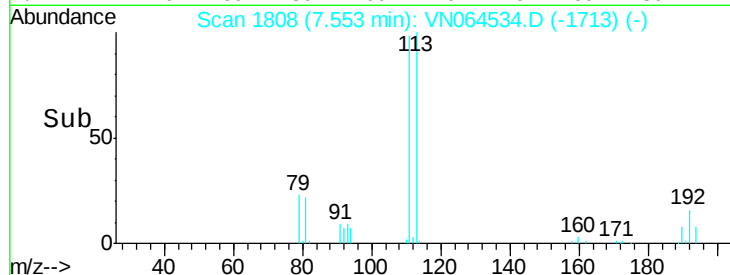
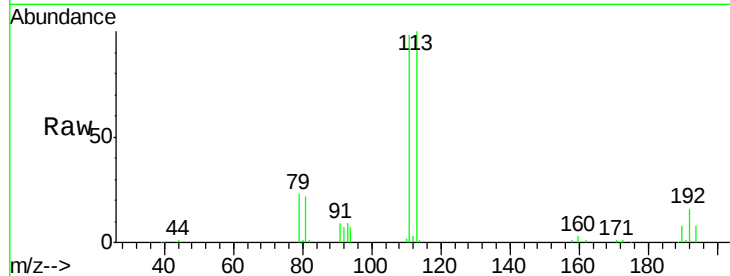
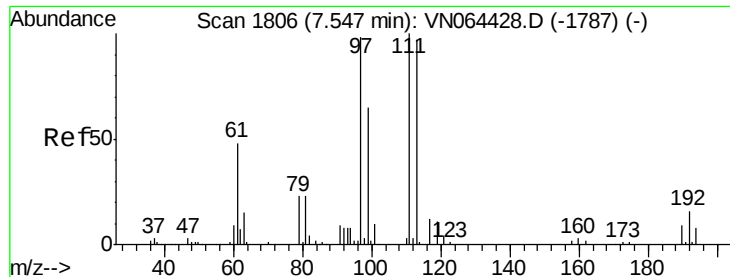
100000

50000

0

Time-->





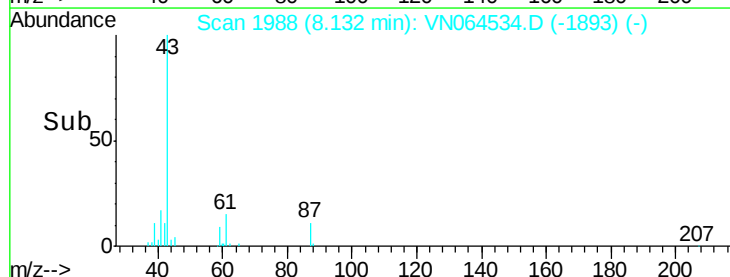
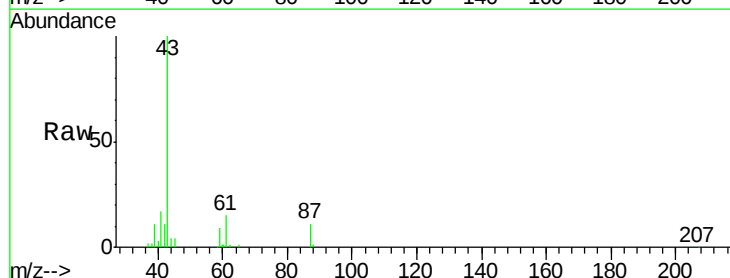
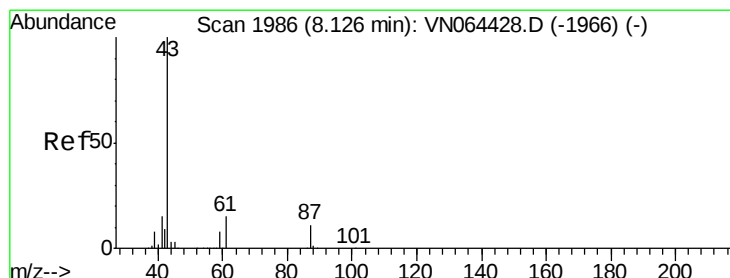
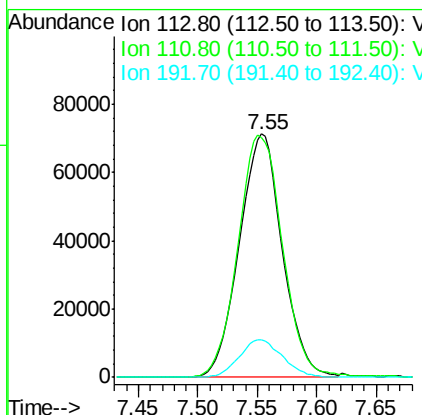
#35
Dibromofluoromethane
Concen: 52.564 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN064534.D
Acq: 10 Nov 2020 18:37

Tot Ion	Ratio	Resp	Lower	Upper
113	100	178004		
111	103.5	81.1	121.7	
192	15.7	12.8	19.2	

Instrument :
MSVOA_N
ClientSampleId :
PB132908TB

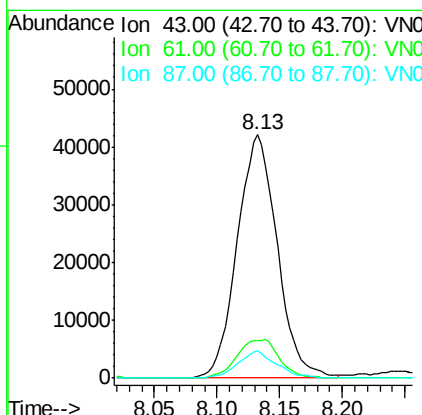
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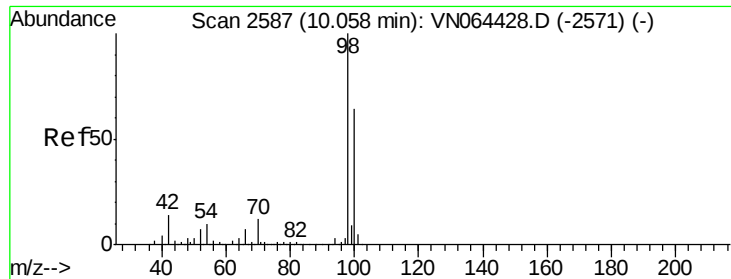
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#43
Isopropyl Acetate
Concen: 10.967 ug/l
RT: 8.13 min Scan# 1988
Delta R.T. 0.01 min
Lab File: VN064534.D
Acq: 10 Nov 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	93385		
61	16.7	14.0	21.0	
87	10.7	9.1	13.7	





#50

Toluene-d8

Concen: 52.417 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064534.D

Acq: 10 Nov 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

PB132908TB

Tot Ion: 98 Resp: 686063

Ion Ratio Lower Upper

98 100

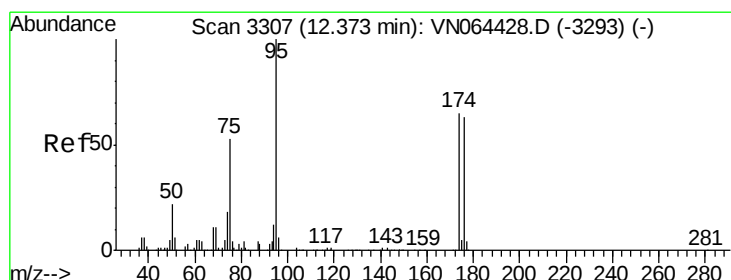
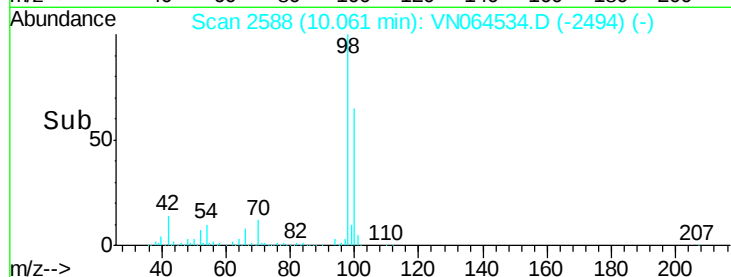
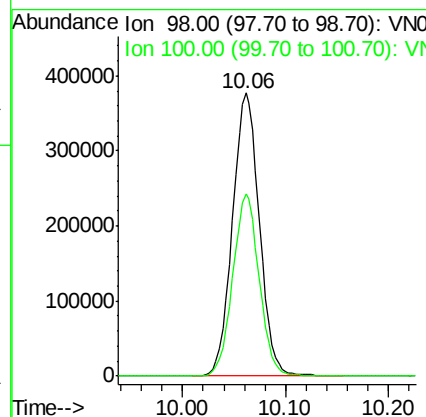
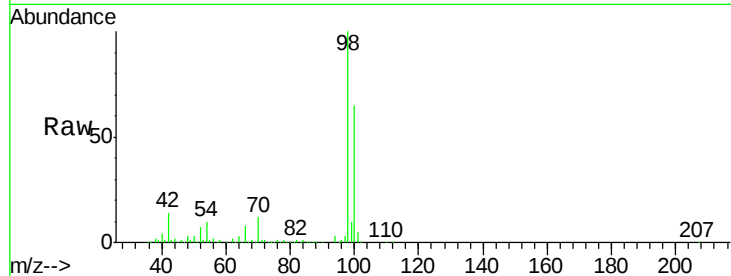
100 63.1 50.7 76.1

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#62

4-Bromofluorobenzene

Concen: 51.166 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064534.D

Acq: 10 Nov 2020 18:37

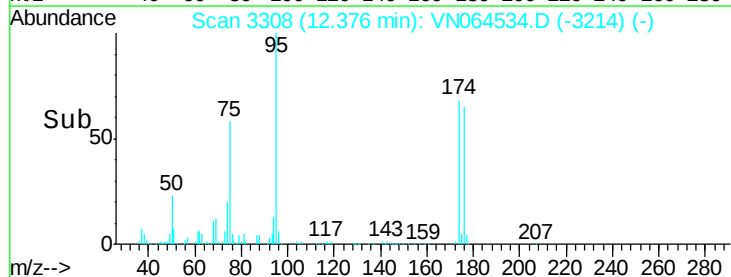
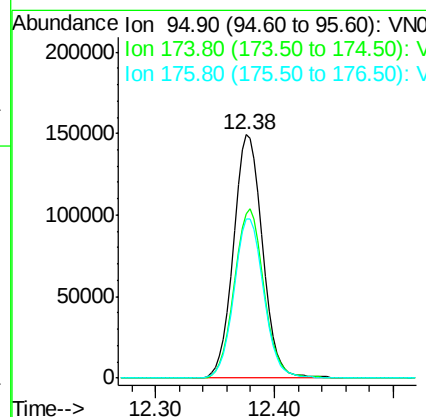
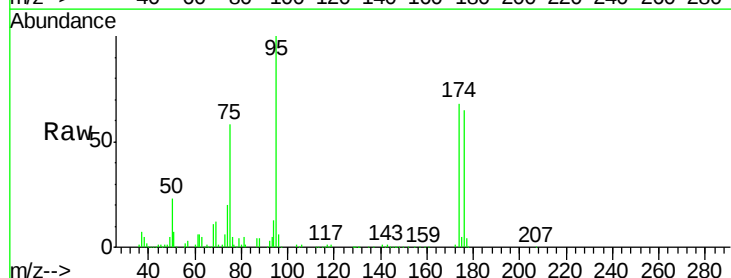
Tgt Ion: 95 Resp: 253267

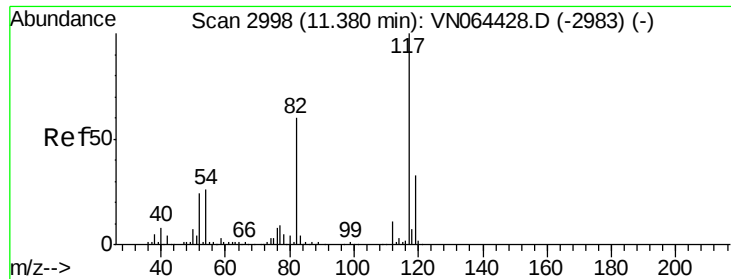
Ion Ratio Lower Upper

95 100

174 70.8 0.0 132.6

176 66.8 0.0 129.2





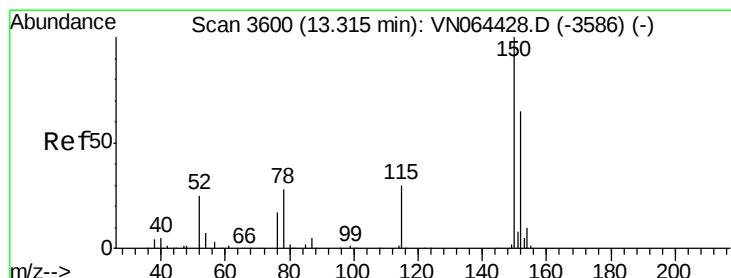
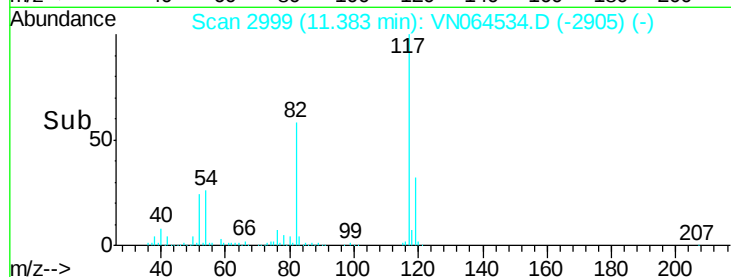
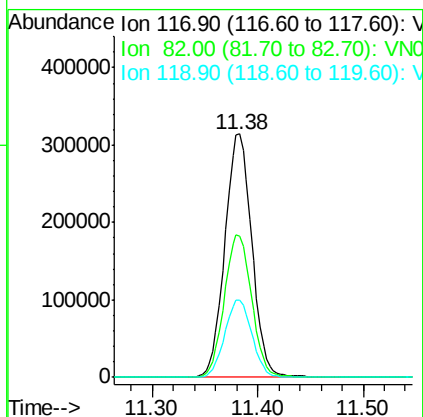
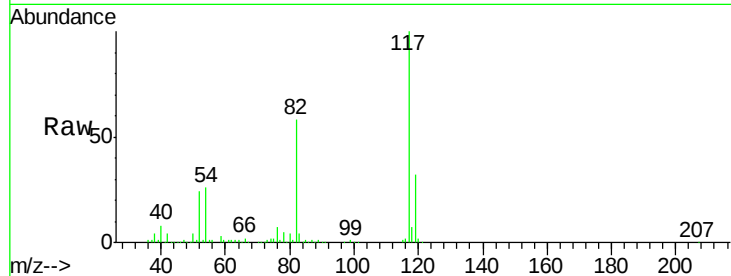
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN064534.D
Acq: 10 Nov 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :
PB132908TB

Tot Ion	Ratio	Resp	Lower	Upper
117	100	557328		
82	58.0		48.1	72.1
119	31.9		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: VN064534.D
Acq: 10 Nov 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	194855		
115	65.4		32.0	96.0
150	156.6		0.0	353.8

