

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064566.D
 Acq On : 11 Nov 2020 19:39
 Operator : JC/MD
 Sample : PB132934ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132934ZHE#10

Manual Integrations
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 11/12/2020 9:13:08 AM

Quant Time: Nov 12 02:46:12 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	230188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	505649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	532617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	232774	58.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.12%	
35) Dibromofluoromethane	7.55	113	170282	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	10.06	98	648838	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.38	95	241821	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
Target Compounds						
16) Acetone	3.78	43	14309	9.369	ug/l	98
18) Methyl Acetate	4.28	43	6790m	2.261	ug/l	
20) Methylene Chloride	4.51	84	8045	2.655	ug/l	95
43) Isopropyl Acetate	8.13	43	98411	11.368	ug/l	99

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

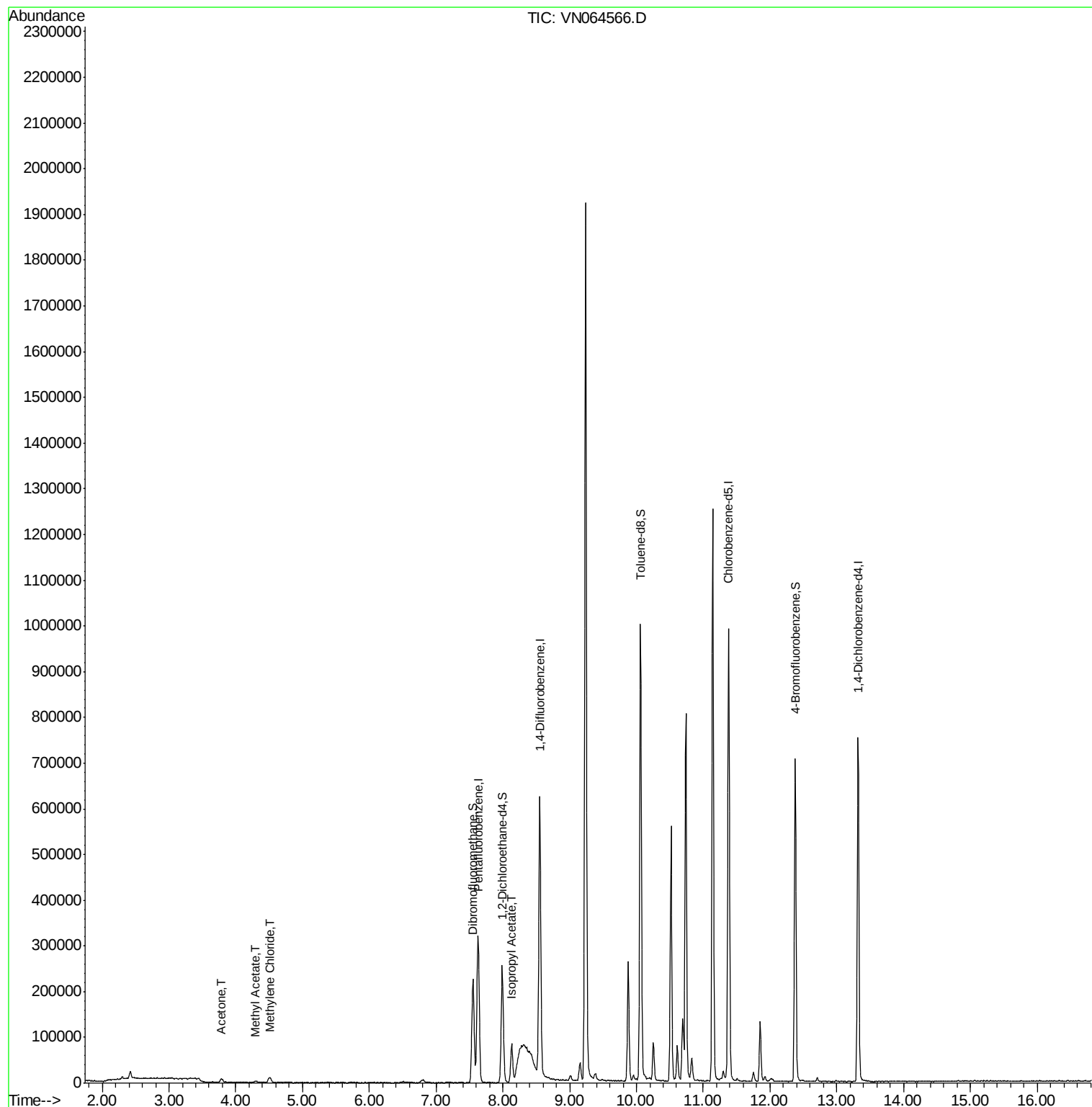
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111120\
Data File : VN064566.D
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Operator : JC/MD
Sample : PB132934ZHE#10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

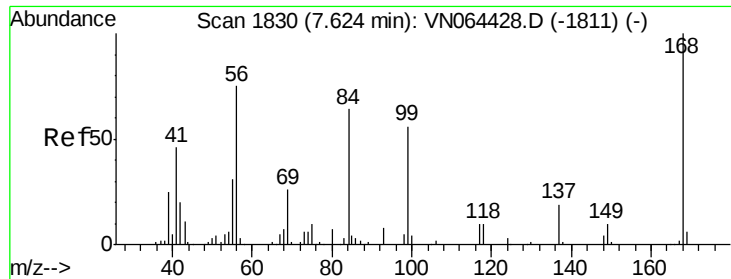
Instrument :
MSVOA_N
ClientSampleId :
PB132934ZHE#10

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Quant Time: Nov 12 02:46:12 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# 1832

Delta R.T. 0.01 min

Lab File: VN064566.D

Acq: 11 Nov 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

PB132934ZHE#10

Tot Ion:168 Resp: 230188

Ion Ratio Lower Upper

168 100

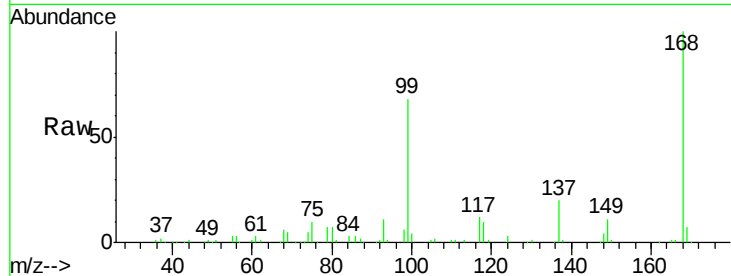
99 67.7 53.4 80.2

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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

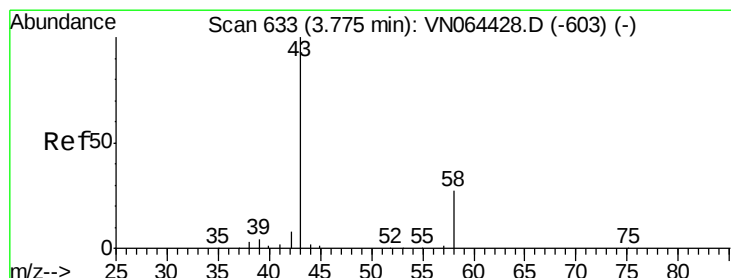
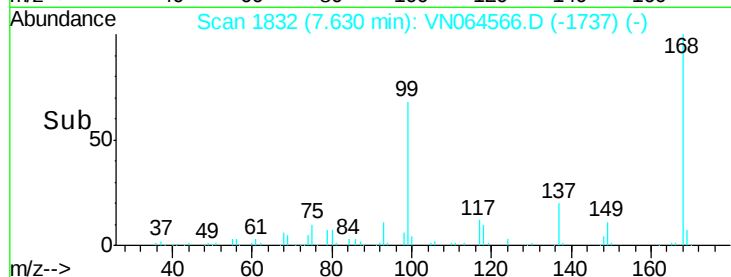
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.369 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064566.D

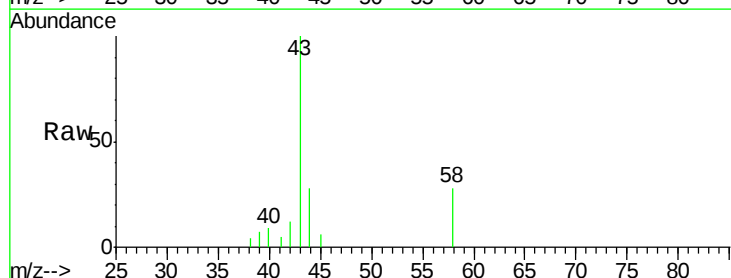
Acq: 11 Nov 2020 19:39

Tgt Ion: 43 Resp: 14309

Ion Ratio Lower Upper

43 100

58 27.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

5000

4000

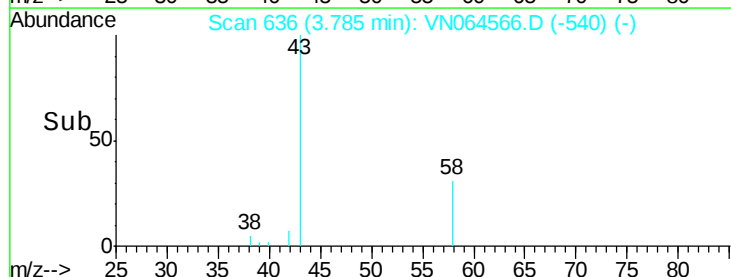
3000

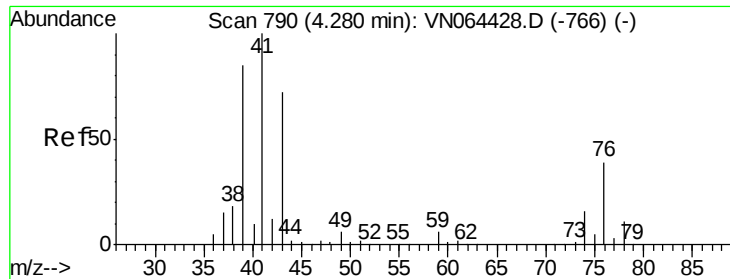
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





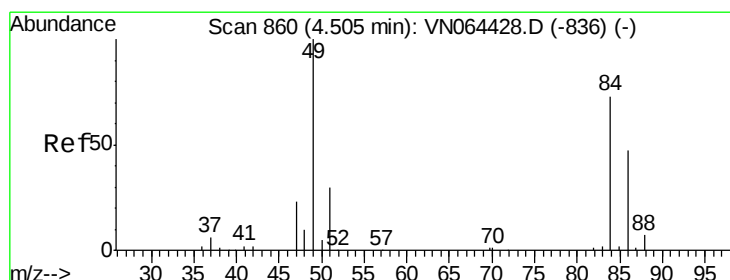
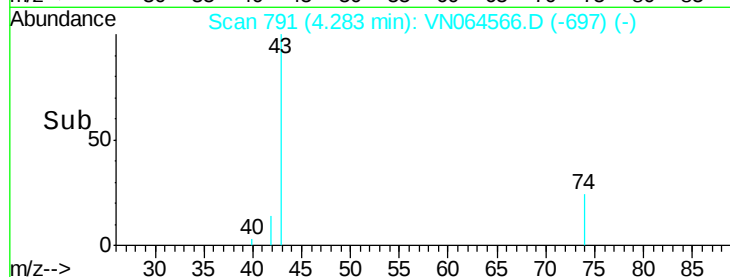
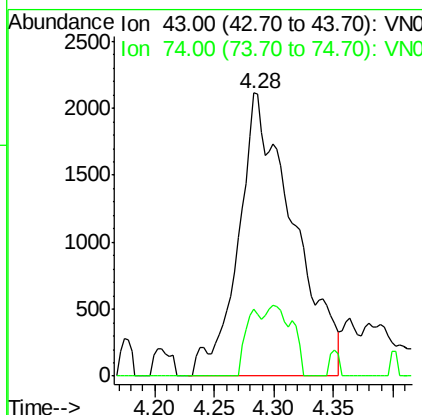
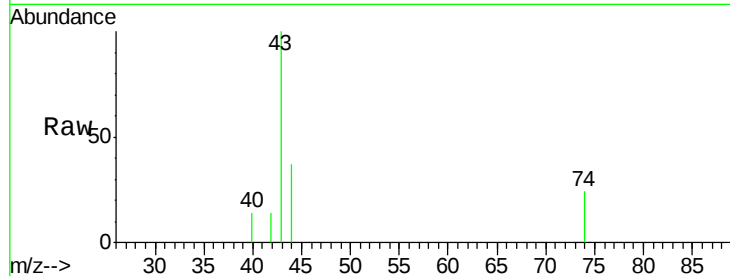
#18
Methyl Acetate
Concen: 2.261 ug/l m
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064566.D
Acq: 11 Nov 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
PB132934ZHE#10

Tot Ion: 43 Resp: 6790
Ion Ratio Lower Upper
43 100
74 6.9 17.0 25.4#

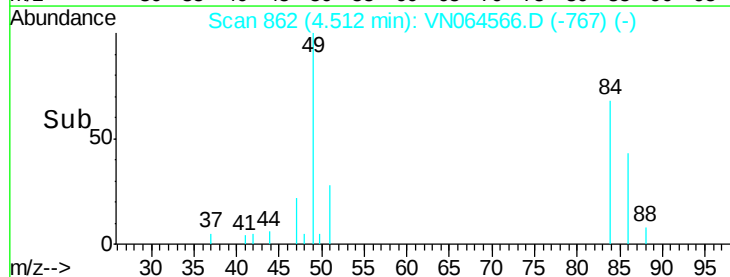
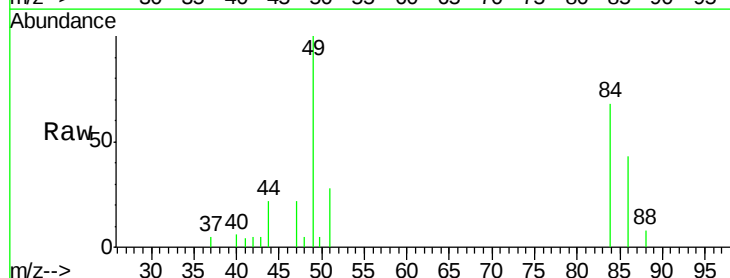
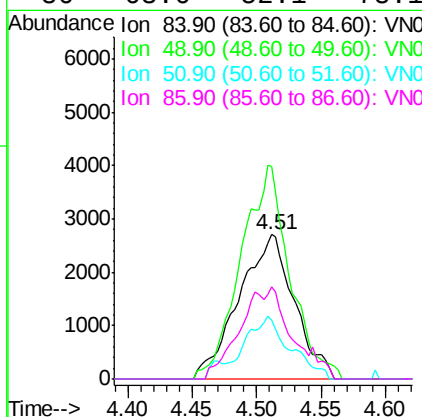
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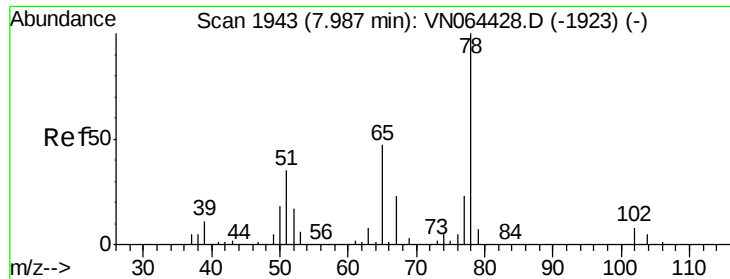
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#20
Methylene Chloride
Concen: 2.655 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064566.D
Acq: 11 Nov 2020 19:39

Tgt Ion: 84 Resp: 8045
Ion Ratio Lower Upper
84 100
49 147.3 110.1 165.1
51 41.1 33.6 50.4
86 63.6 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 58.055 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064566.D

Acq: 11 Nov 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

PB132934ZHE#10

Tot Ion: 65 Resp: 232774

Ion Ratio Lower Upper

65 100

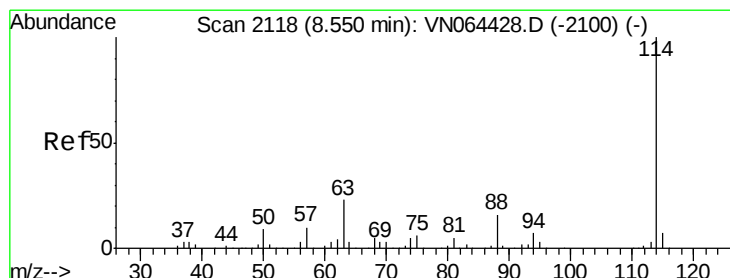
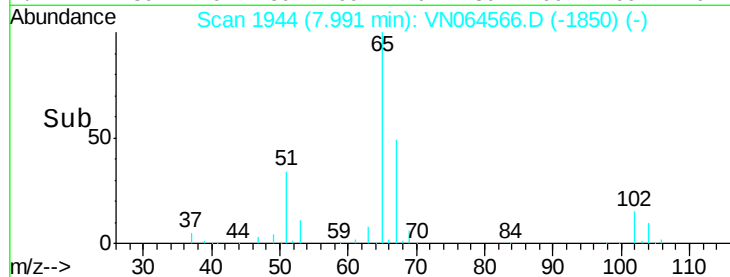
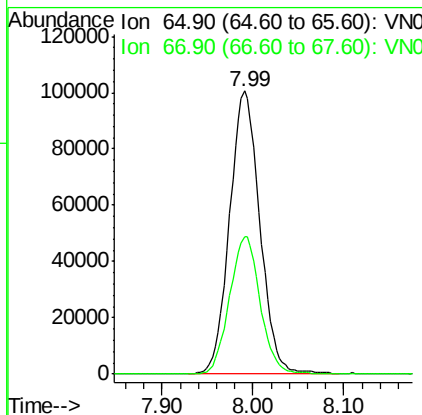
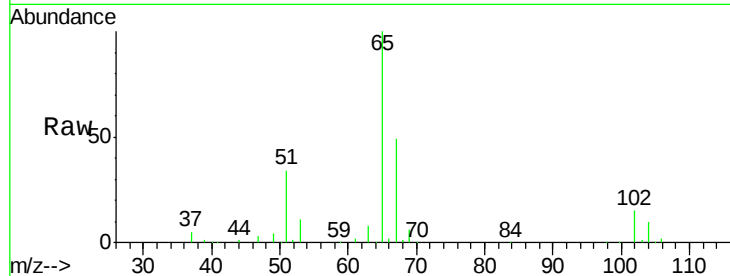
67 49.2 0.0 101.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064566.D

Acq: 11 Nov 2020 19:39

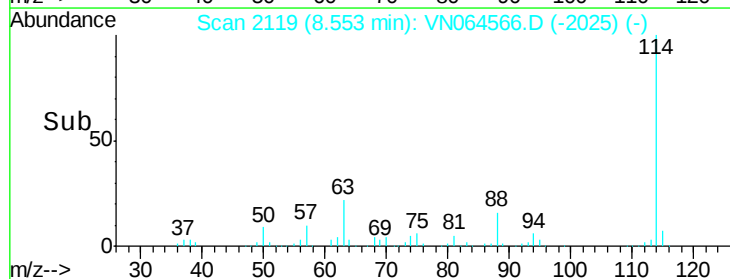
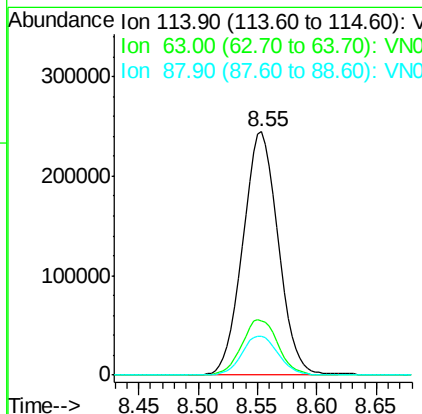
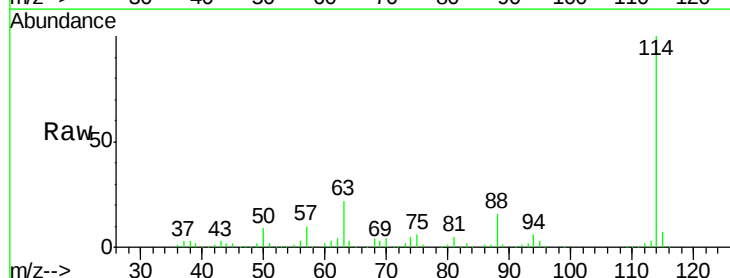
Tgt Ion: 114 Resp: 505649

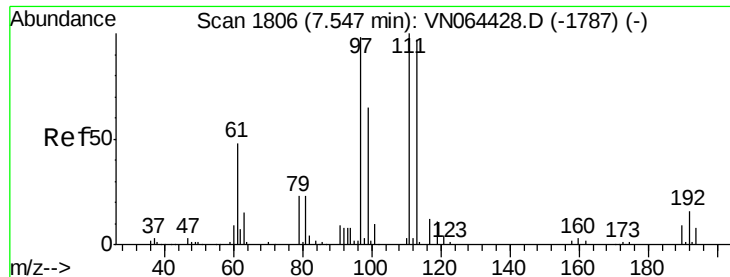
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 16.1 0.0 32.8





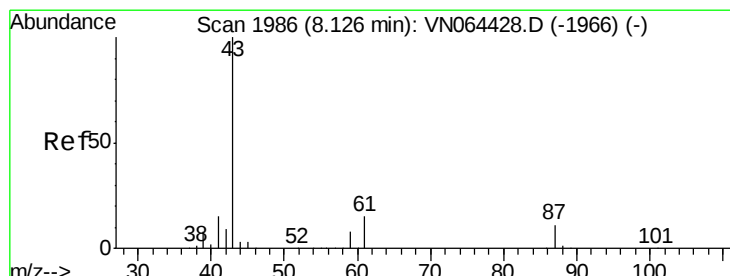
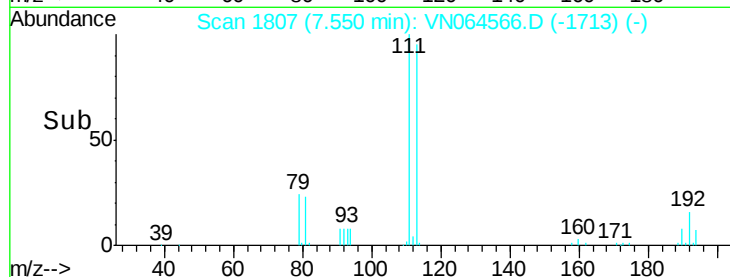
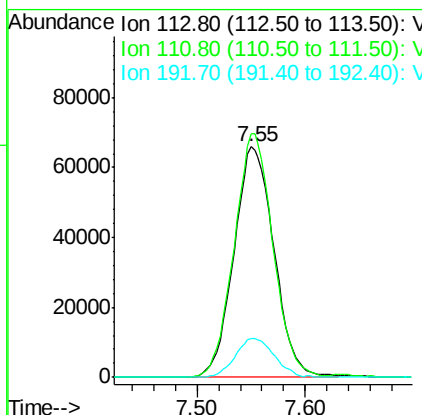
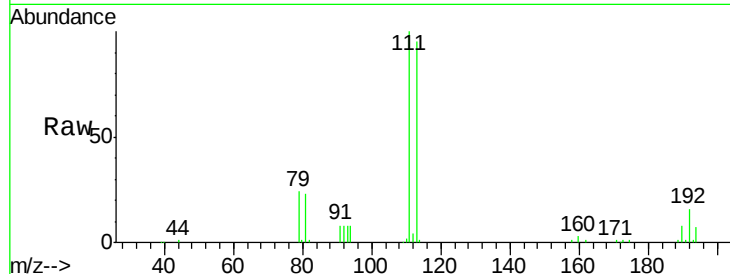
#35
 Dibromofluoromethane
 Concen: 49.461 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064566.D
 Acq: 11 Nov 2020 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132934ZHE#10

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.1	121.7
192	16.6	12.8	19.2

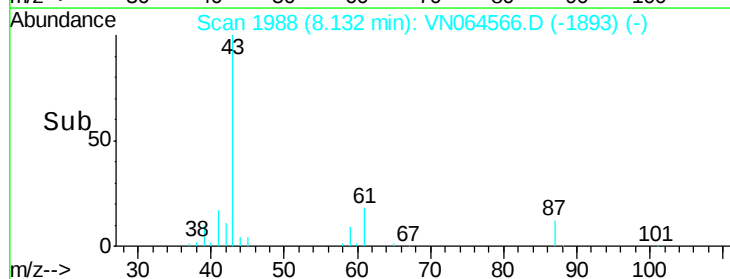
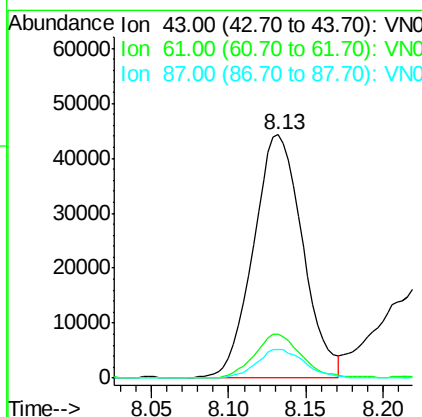
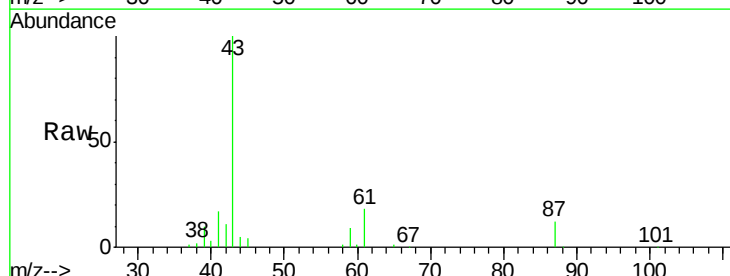
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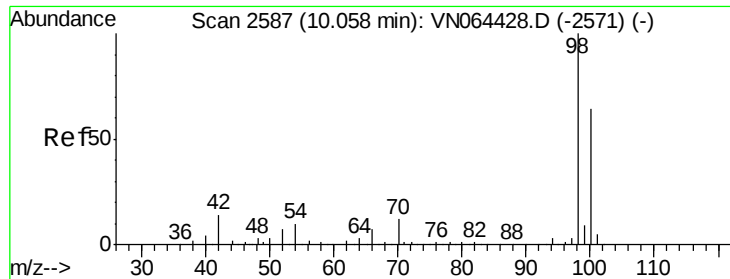
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 11/12/2020 9:13:08 AM



#43
 Isopropyl Acetate
 Concen: 11.368 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064566.D
 Acq: 11 Nov 2020 19:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.1	14.0	21.0
87	11.3	9.1	13.7





#50

Toluene-d8

Concen: 48.762 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064566.D

Acq: 11 Nov 2020 19:39

Instrument :

MSVOA_N

ClientSampleId :

PB132934ZHE#10

Tot Ion: 98 Resp: 648838

Ion Ratio Lower Upper

98 100

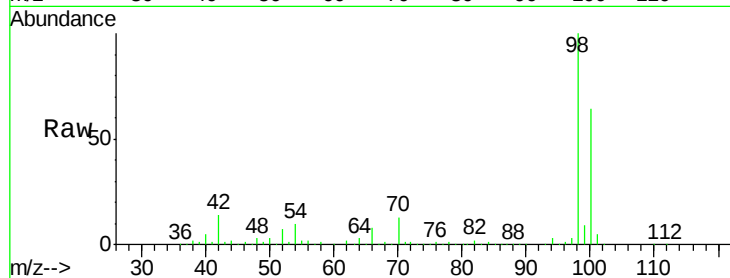
100 63.9 50.7 76.1

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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

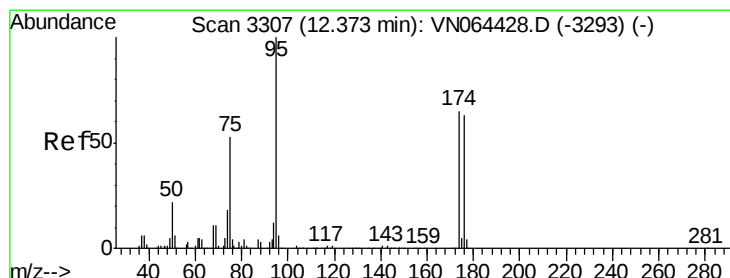
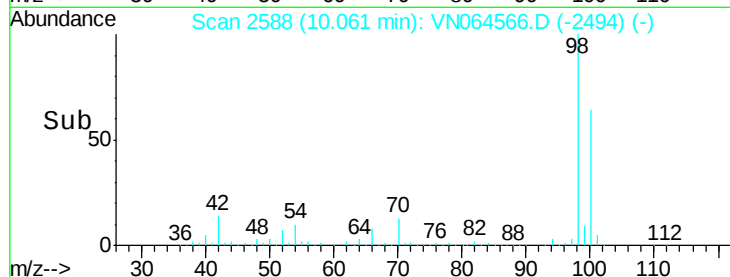
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.054 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064566.D

Acq: 11 Nov 2020 19:39

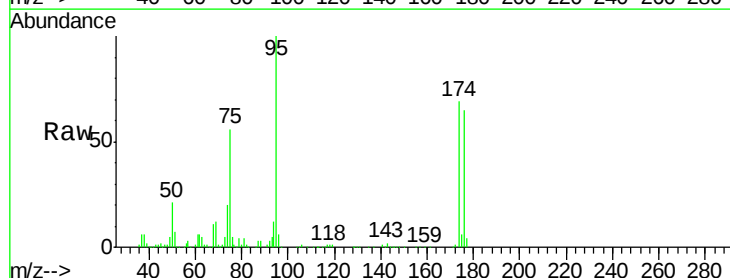
Tgt Ion: 95 Resp: 241821

Ion Ratio Lower Upper

95 100

174 70.6 0.0 132.6

176 66.8 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

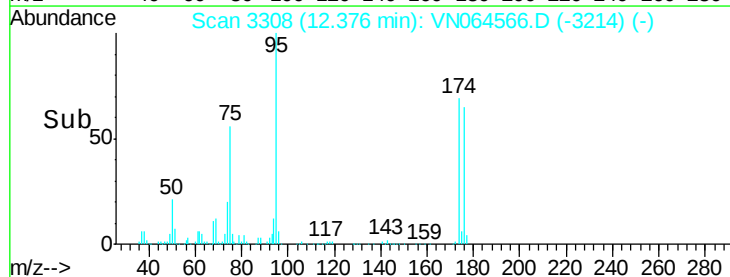
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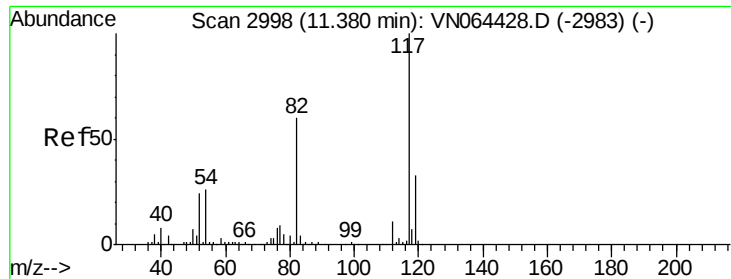
100000

50000

0

Time-->





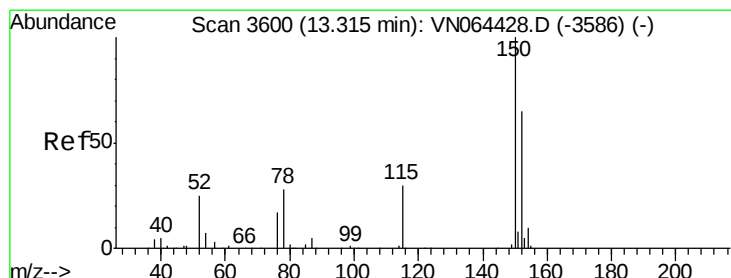
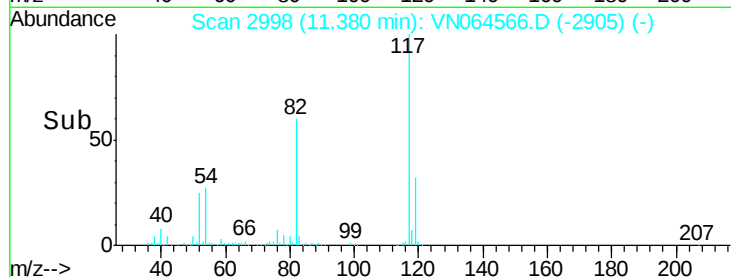
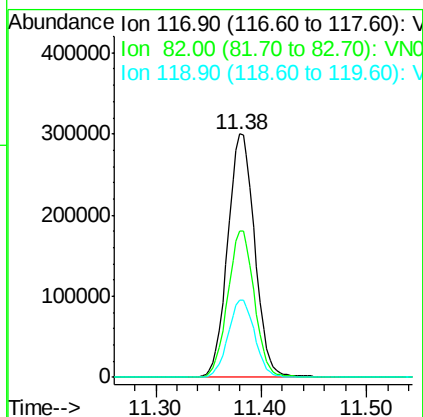
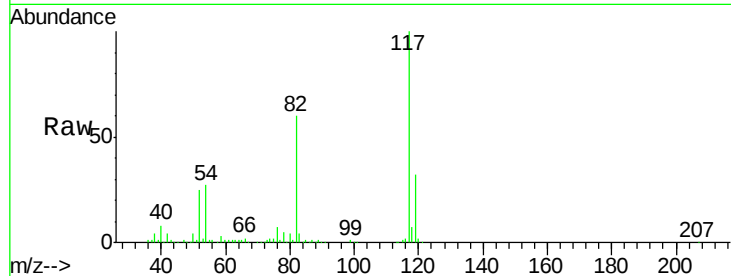
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064566.D
Acq: 11 Nov 2020 19:39

Instrument :
MSVOA_N
ClientSampleId :
PB132934ZHE#10

Tot Ion	Ratio	Resp	Lower	Upper
117	100	532617		
82	60.2	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: VN064566.D
Acq: 11 Nov 2020 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	188114		
115	65.4	32.0	96.0	
150	158.4	0.0	353.8	

