

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064360.D
 Acq On : 28 Oct 2020 18:20
 Operator : JC/MD
 Sample : L4527-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-232

Manual Integrations
 APPROVED

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 10/29/2020 12:01:40 PM

Quant Time: Oct 29 03:50:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	420421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	424621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186825	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
35) Dibromofluoromethane	7.55	113	139578	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	10.06	98	528351	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.38	95	228038	56.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.80%	
Target Compounds						
16) Acetone	3.78	43	25630	12.387	ug/l	97
18) Methyl Acetate	4.29	43	4937m	1.693	ug/l	
20) Methylene Chloride	4.51	84	5914m	2.148	ug/l	
43) Isopropyl Acetate	8.13	43	86052	11.746	ug/l #	91

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

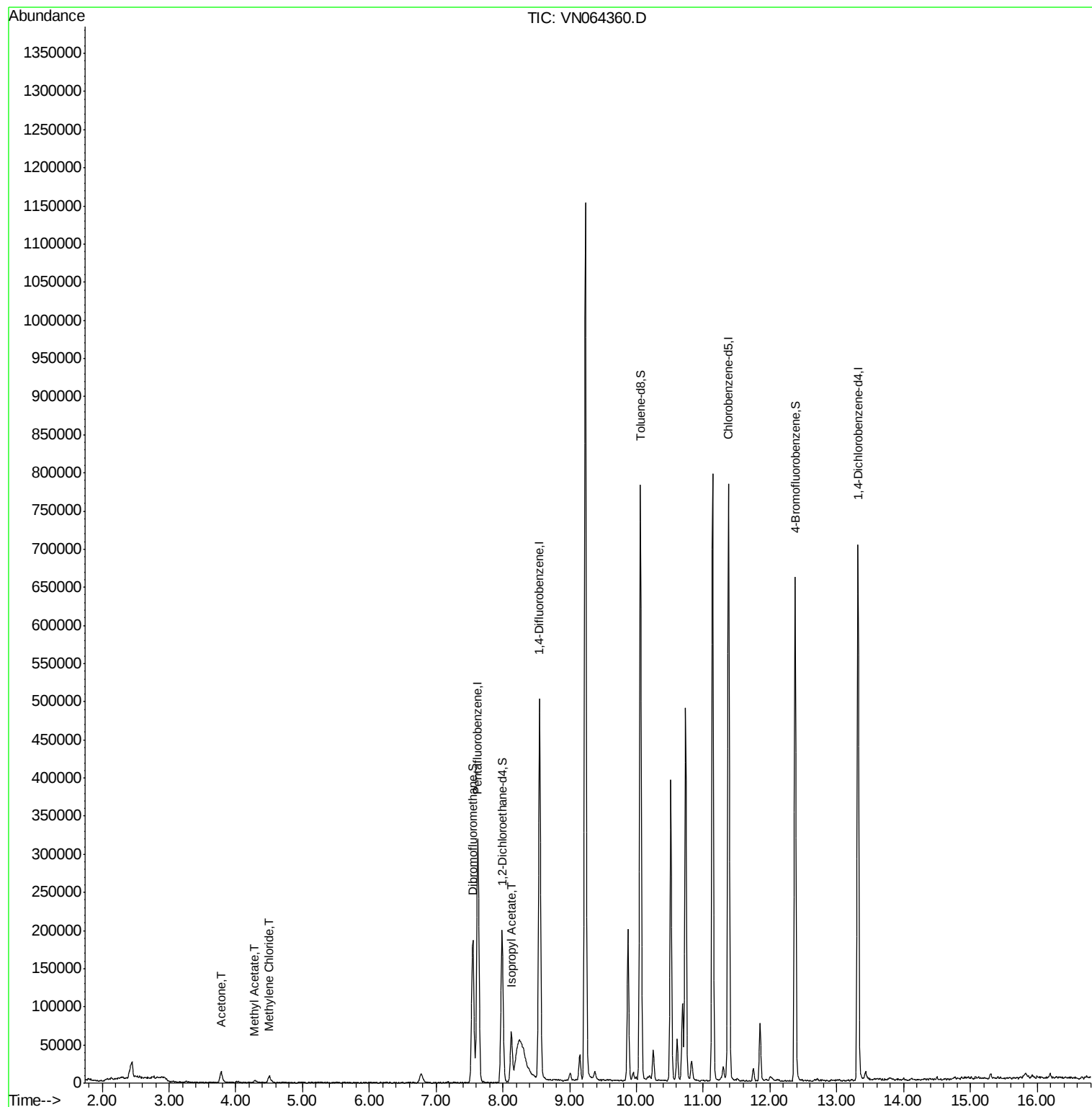
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102820\
Data File : VN064360.D
Acq On : 28 Oct 2020 18:20
Operator : JC/MD
Sample : L4527-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

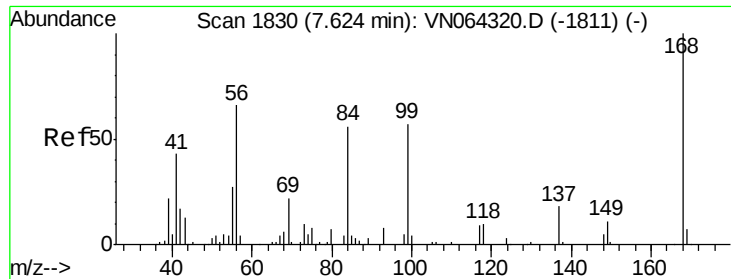
Instrument :
MSVOA_N
ClientSampleId :
VNJ-232

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Quant Time: Oct 29 03:50:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 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: VN064360.D

Acq: 28 Oct 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

VNJ-232

Tot Ion:168 Resp: 241529

Ion Ratio Lower Upper

168 100

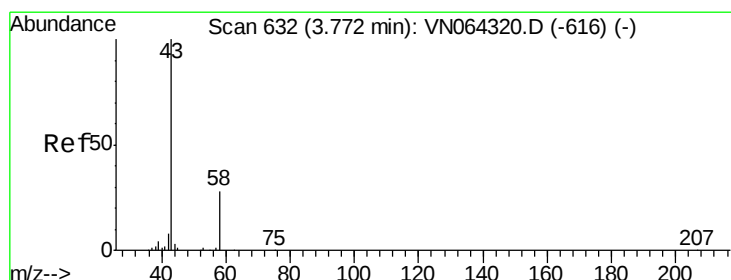
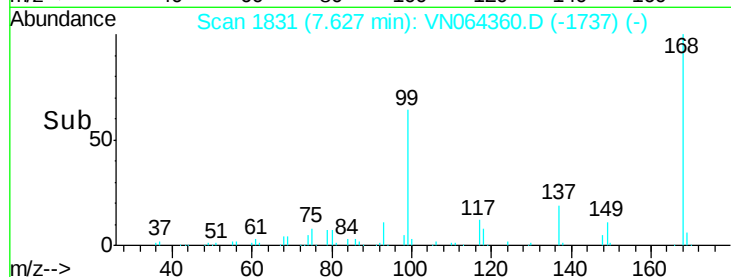
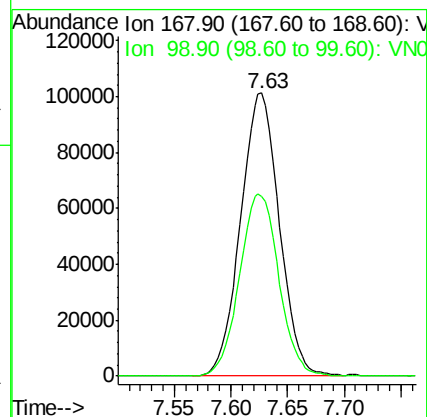
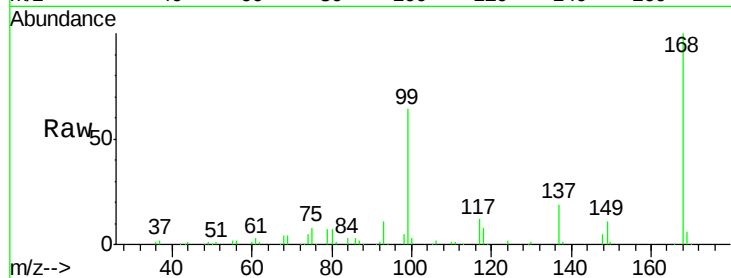
99 63.6 52.7 79.1

Manual Integrations

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#16

Acetone

Concen: 12.387 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN064360.D

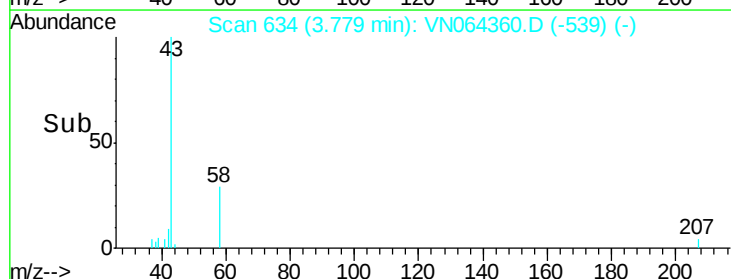
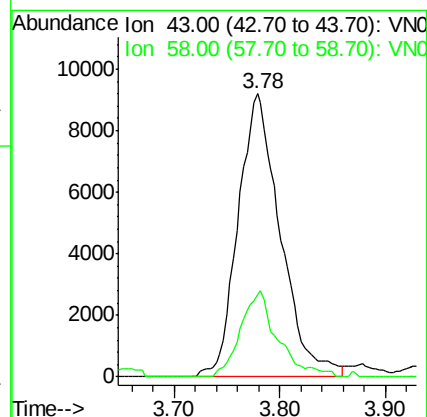
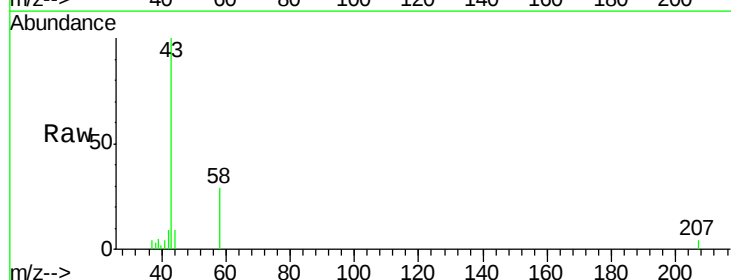
Acq: 28 Oct 2020 18:20

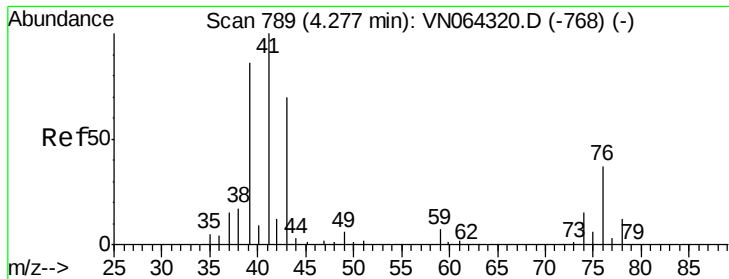
Tgt Ion: 43 Resp: 25630

Ion Ratio Lower Upper

43 100

58 28.9 22.1 33.1





#18

Methyl Acetate

Concen: 1.693 ug/l m

RT: 4.29 min Scan# 794

Delta R.T. 0.02 min

Lab File: VN064360.D

Acq: 28 Oct 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

VNJ-232

Tot Ion: 43 Resp: 4937

Ion Ratio Lower Upper

43 100

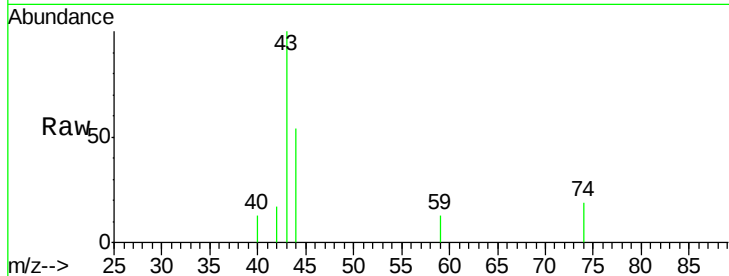
74 6.6 16.7 25.1#

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Abundance Ion 43.00 (42.70 to 43.70): VN064360.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN064360.D (-696) (-)

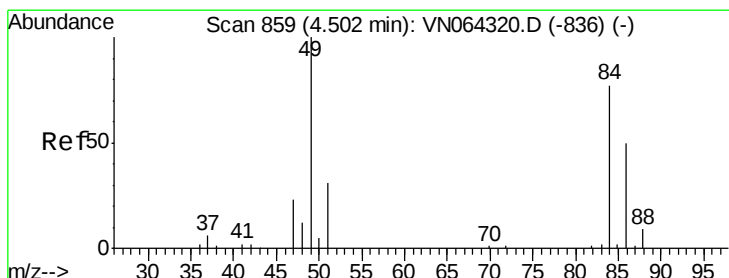
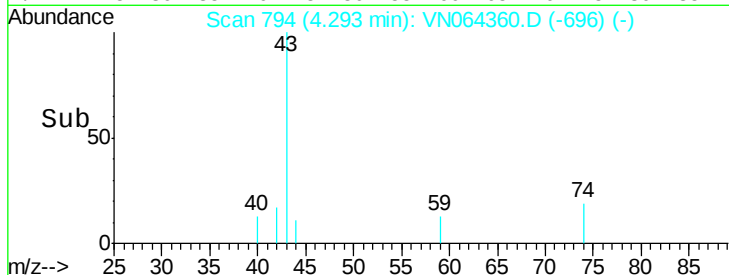
1500

1000

500

0

Time-->



#20

Methylene Chloride

Concen: 2.148 ug/l m

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN064360.D

Acq: 28 Oct 2020 18:20

Tgt Ion: 84 Resp: 5914

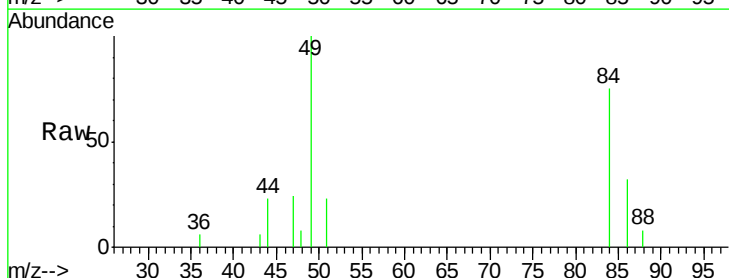
Ion Ratio Lower Upper

84 100

49 133.7 103.6 155.4

51 30.3 31.8 47.8#

86 42.7 51.3 76.9#



Abundance Ion 83.90 (83.60 to 84.60): VN064360.D (-766) (-)

Ion 48.90 (48.60 to 49.60): VN064360.D (-766) (-)

Ion 50.90 (50.60 to 51.60): VN064360.D (-766) (-)

Ion 85.90 (85.60 to 86.60): VN064360.D (-766) (-)

5000

4000

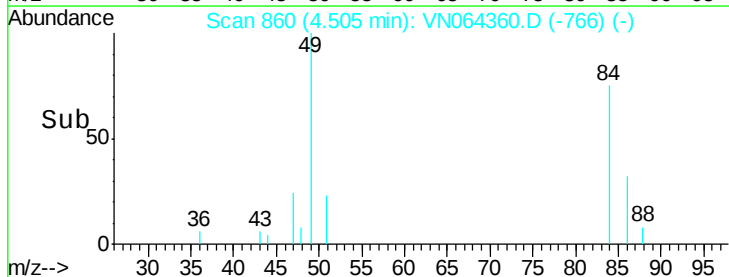
3000

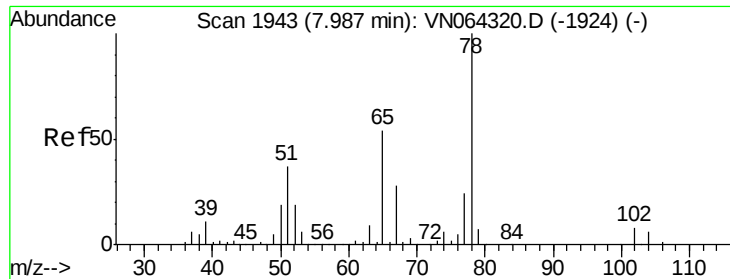
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.134 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064360.D

Acq: 28 Oct 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

VNJ-232

Tot Ion: 65 Resp: 186825

Ion Ratio Lower Upper

65 100

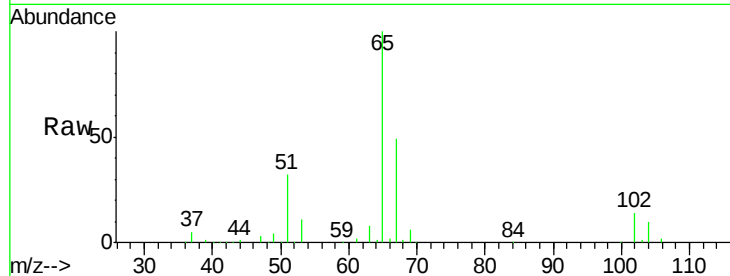
67 49.0 0.0 99.2

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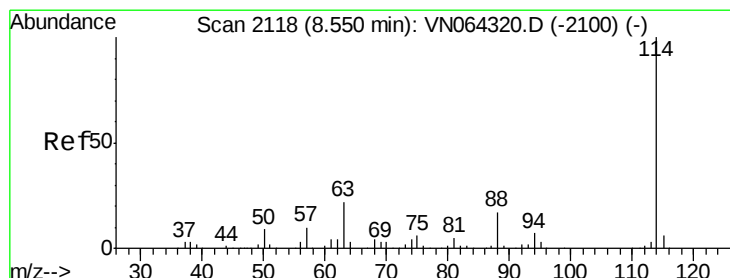
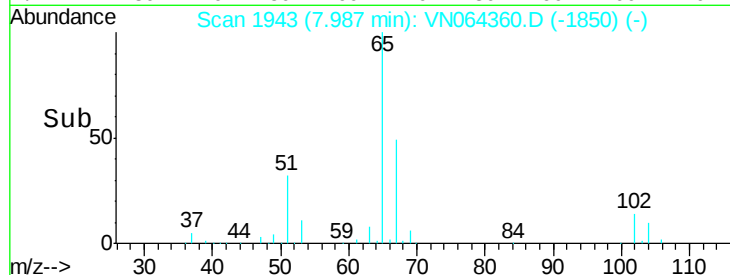
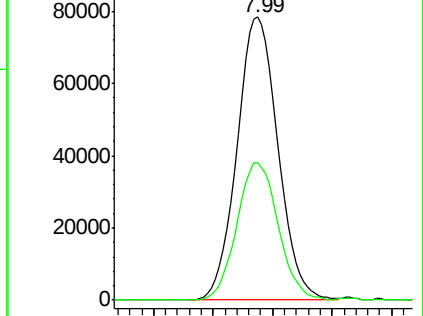
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Abundance Ion 64.90 (64.60 to 65.60): VN064360.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064360.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064360.D

Acq: 28 Oct 2020 18:20

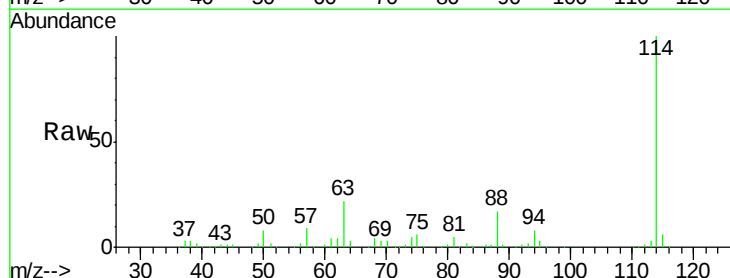
Tgt Ion: 114 Resp: 420421

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

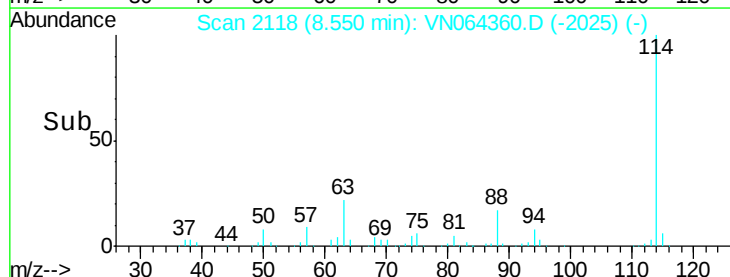
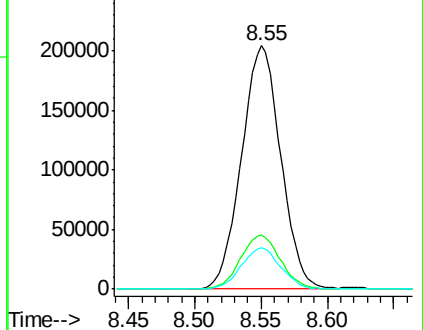
88 17.3 0.0 33.4

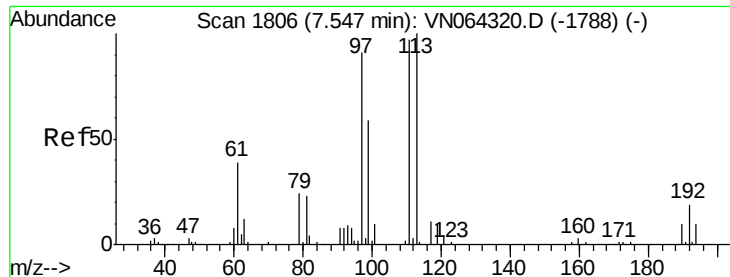


Abundance Ion 113.90 (113.60 to 114.60): VN064360.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064360.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064360.D (-2025) (-)





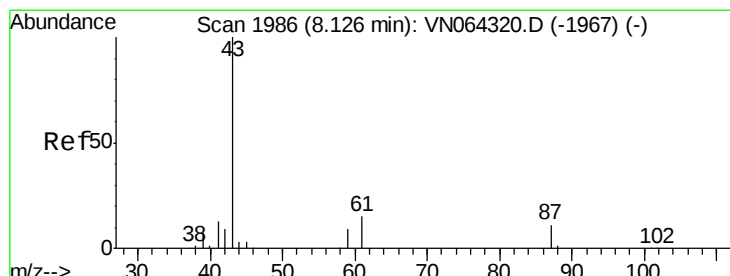
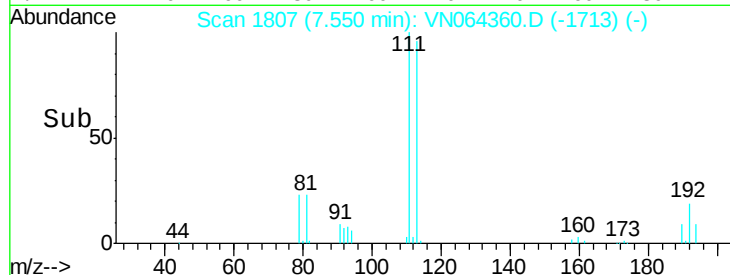
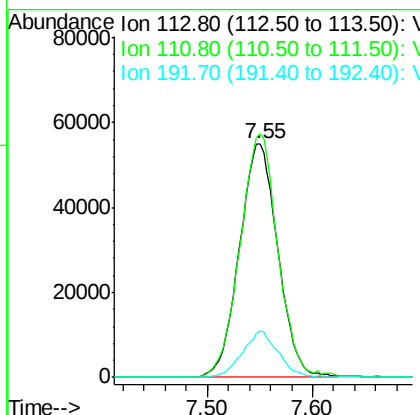
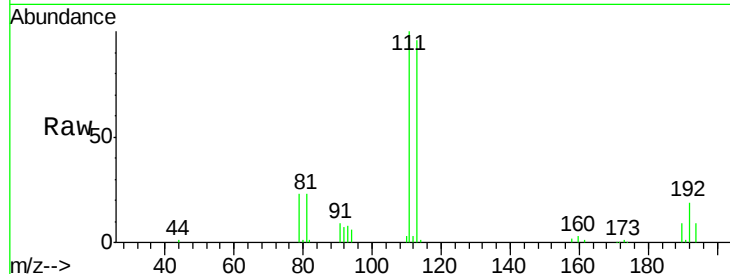
#35
 Dibromofluoromethane
 Concen: 49.784 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064360.D
 Acq: 28 Oct 2020 18:20

Instrument :
 MSVOA_N
 ClientSampled :
 VNJ-232

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.7	81.5	122.3	
192	18.4	15.0	22.4	

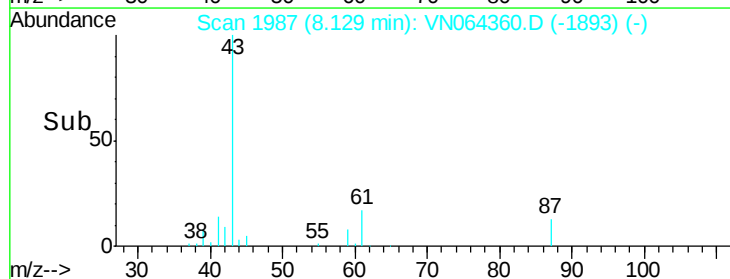
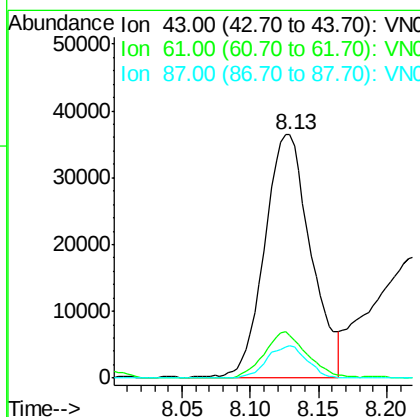
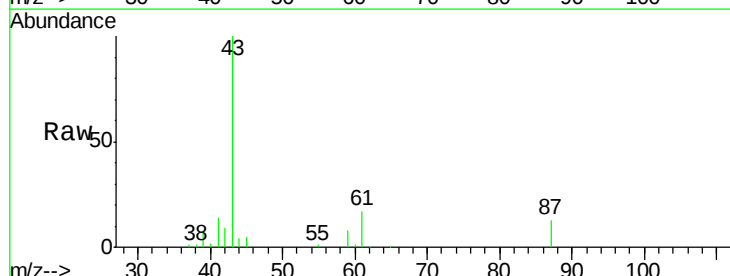
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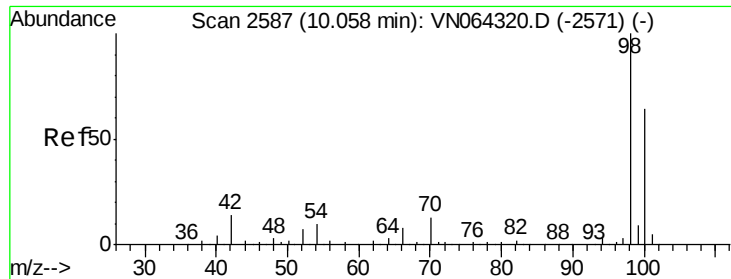
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#43
 Isopropyl Acetate
 Concen: 11.746 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064360.D
 Acq: 28 Oct 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	17.4	19.1	28.7#	
87	11.4	9.3	13.9	





#50

Toluene-d8

Concen: 50.948 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064360.D

Acq: 28 Oct 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

VNJ-232

Tot Ion: 98 Resp: 528351

Ion Ratio Lower Upper

98 100

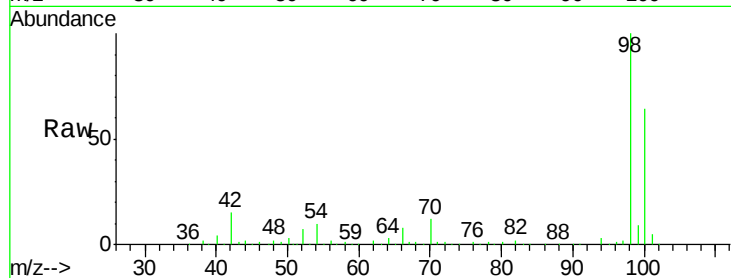
100 63.8 50.9 76.3

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Abundance Ion 98.00 (97.70 to 98.70): VN064320.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064320.D (-2571) (-)

10.06

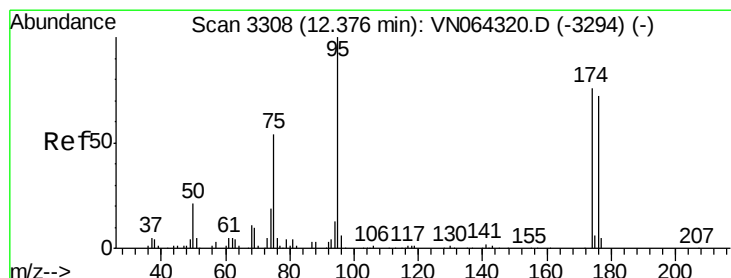
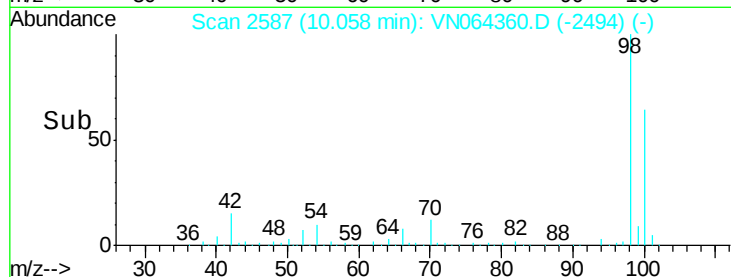
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.398 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064360.D

Acq: 28 Oct 2020 18:20

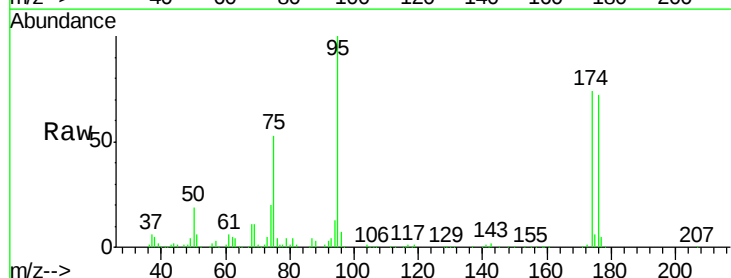
Tgt Ion: 95 Resp: 228038

Ion Ratio Lower Upper

95 100

174 72.8 0.0 147.4

176 71.0 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VN064320.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064320.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064320.D (-3294) (-)

12.38

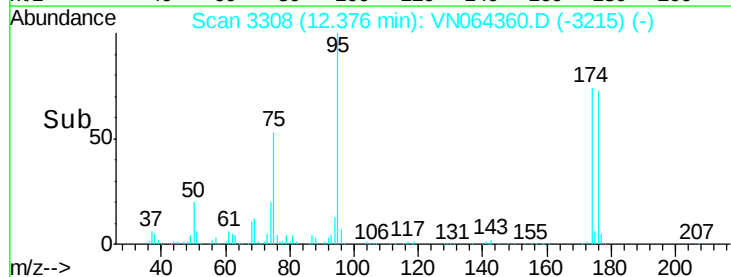
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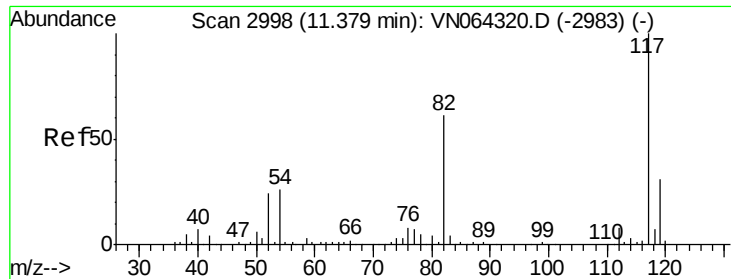
100000

50000

0

Time-->





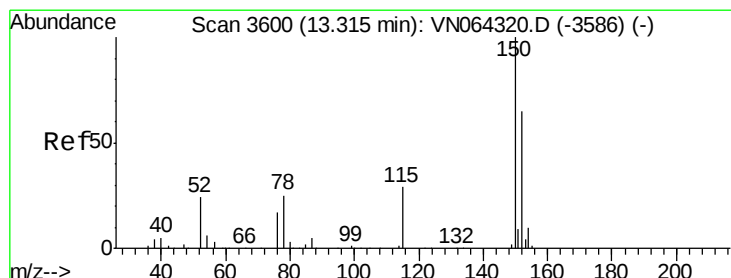
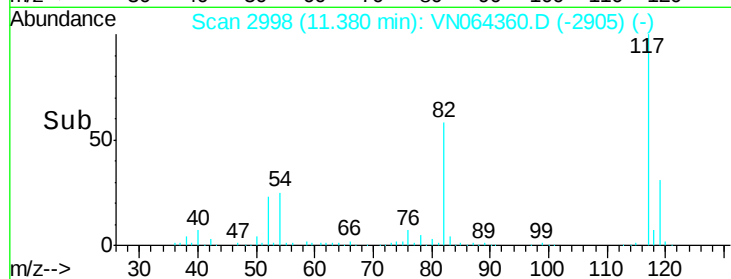
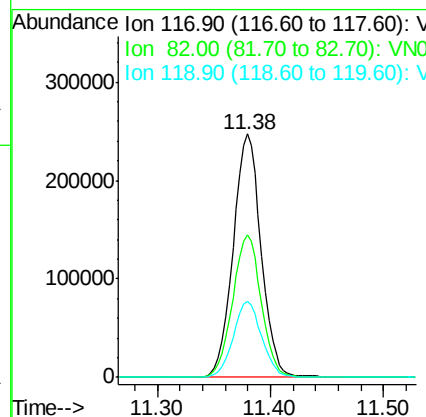
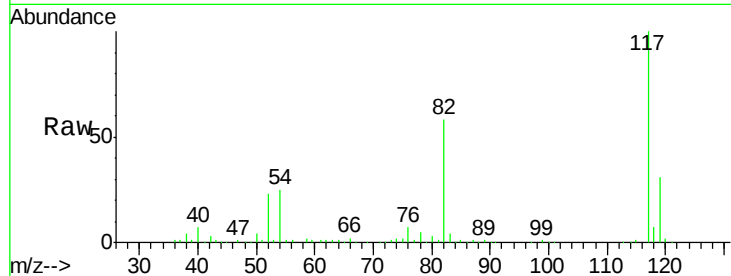
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064360.D
Acq: 28 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
VNJ-232

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.8	73.2
119	31.2	25.1	37.7

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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: VN064360.D
Acq: 28 Oct 2020 18:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.5	94.5
150	155.0	0.0	346.2

