

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064376.D
 Acq On : 29 Oct 2020 16:09
 Operator : JC/MD
 Sample : PB132688TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132688TB

Manual Integrations
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 10/30/2020 1:35:33 PM

Quant Time: Oct 30 07:45:24 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	7.62	168	236382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	431561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	188955	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
35) Dibromofluoromethane	7.55	113	138951	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.06	98	532004	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.38	95	234755	58.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.66%	
Target Compounds						
20) Methylene Chloride	4.50	84	8585m	3.187	ug/l	Qvalue
43) Isopropyl Acetate	8.13	43	88496	12.135	ug/l #	89

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

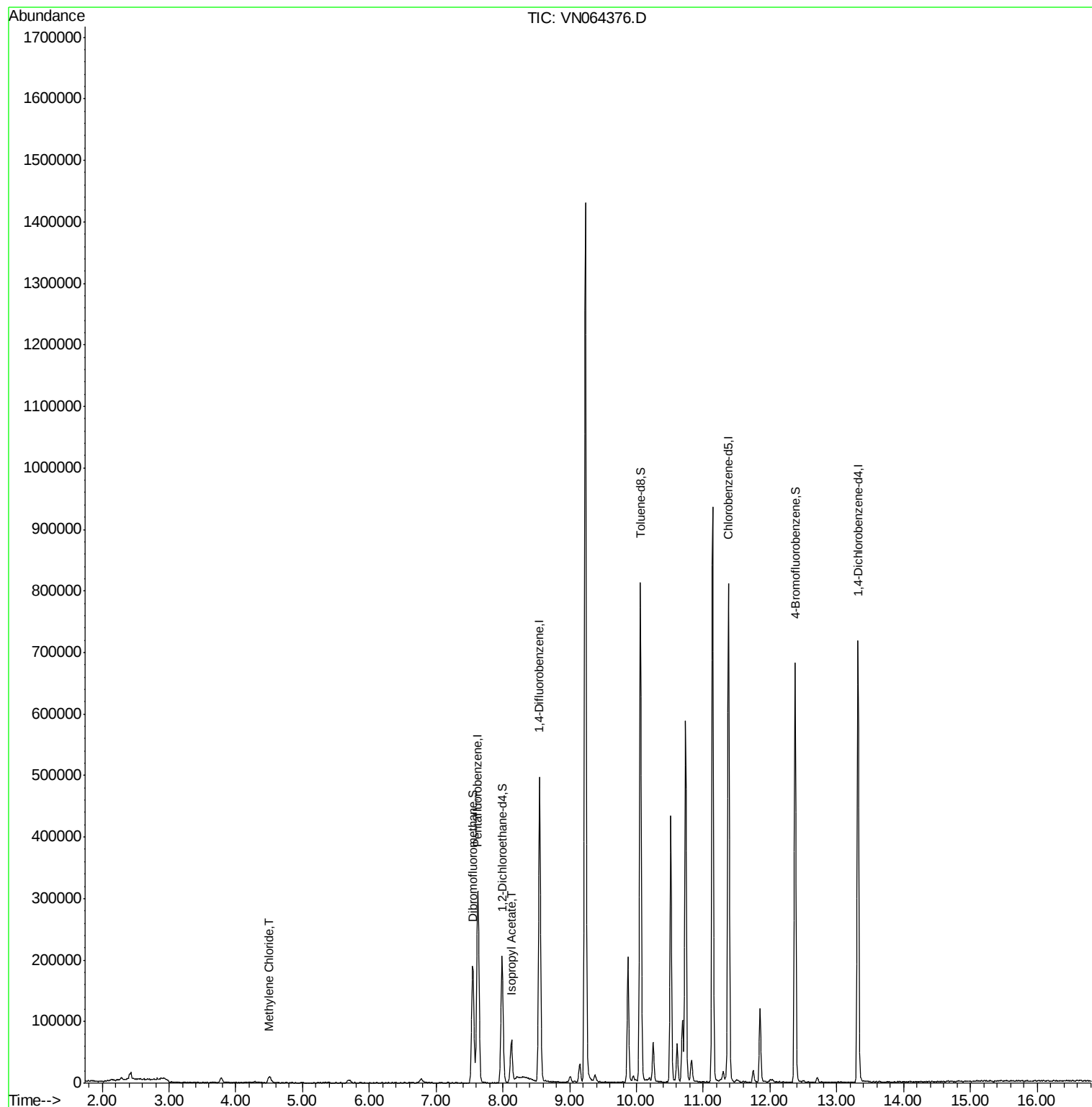
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102920\
Data File : VN064376.D
Acq On : 29 Oct 2020 16:09
Operator : JC/MD
Sample : PB132688TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

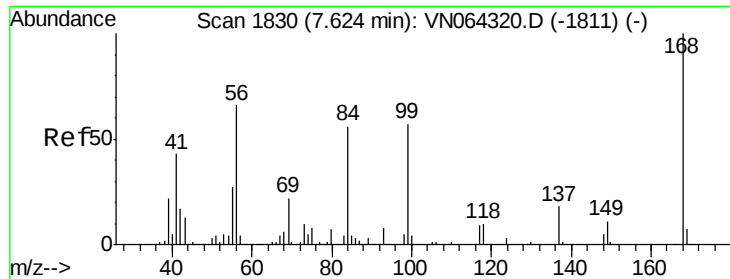
Instrument :
MSVOA_N
ClientSampleId :
PB132688TB

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Quant Time: Oct 30 07:45:24 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: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064376.D

Acq: 29 Oct 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB132688TB

Tot Ion:168 Resp: 236382

Ion Ratio Lower Upper

168 100

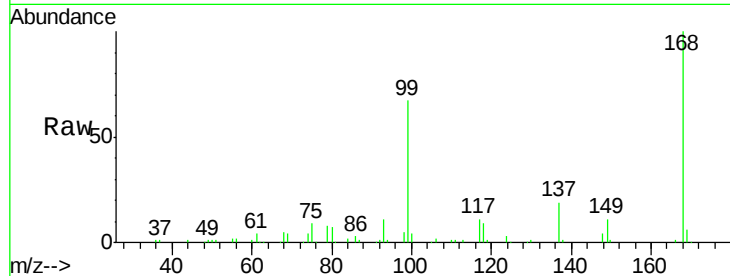
99 66.6 52.7 79.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

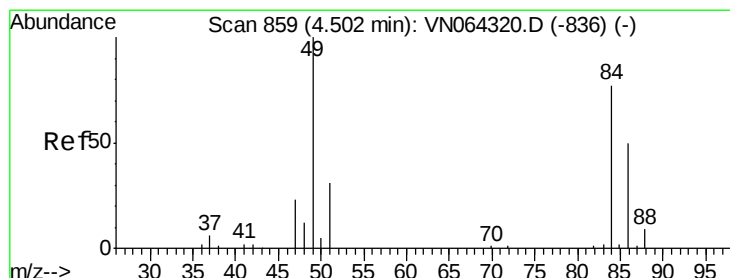
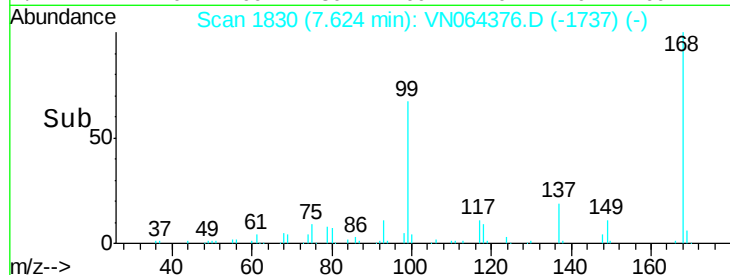
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 3.187 ug/l m

RT: 4.50 min Scan# 858

Delta R.T. -0.00 min

Lab File: VN064376.D

Acq: 29 Oct 2020 16:09

Tgt Ion: 84 Resp: 8585

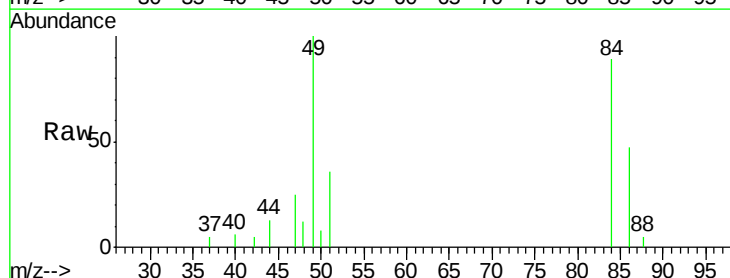
Ion Ratio Lower Upper

84 100

49 112.7 103.6 155.4

51 40.3 31.8 47.8

86 53.1 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

5000

4000

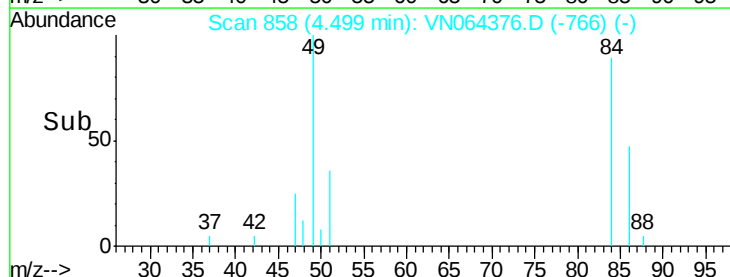
3000

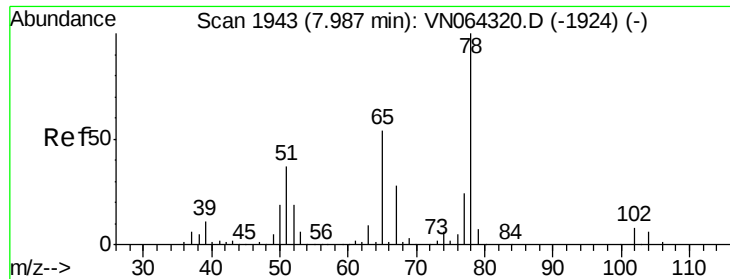
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.743 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064376.D

Acq: 29 Oct 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

PB132688TB

Tot Ion: 65 Resp: 188955

Ion Ratio Lower Upper

65 100

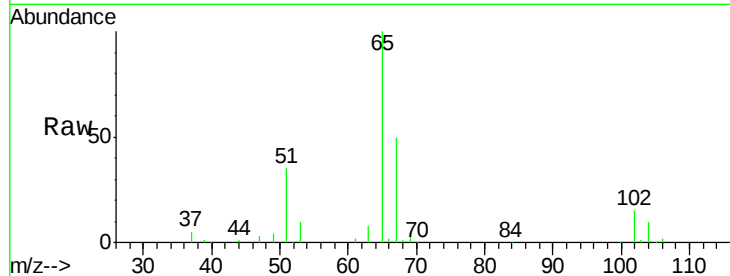
67 49.2 0.0 99.2

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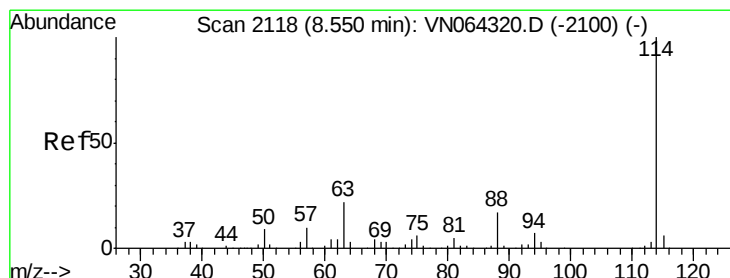
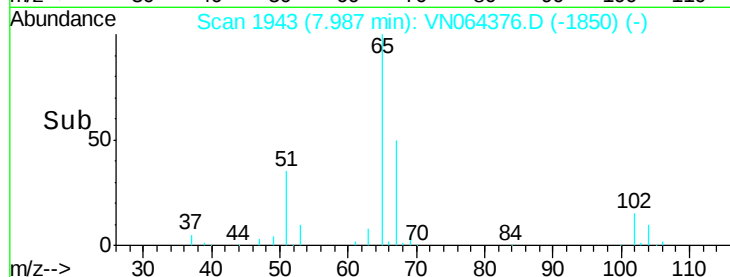
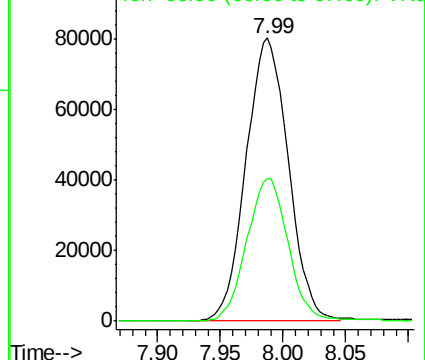
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Abundance Ion 64.90 (64.60 to 65.60): VN064376.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064376.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: VN064376.D

Acq: 29 Oct 2020 16:09

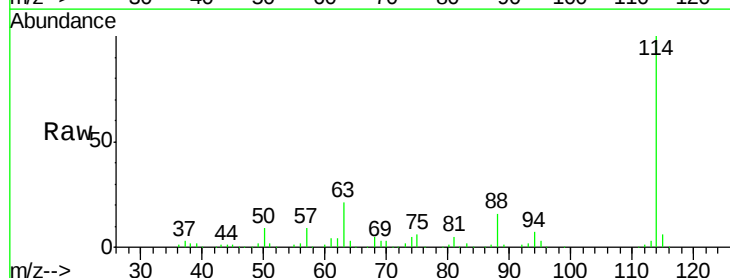
Tgt Ion: 114 Resp: 418492

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.6

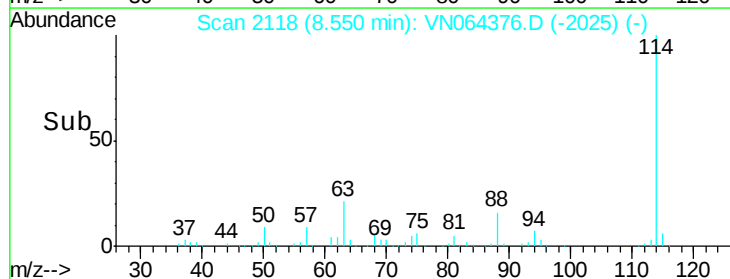
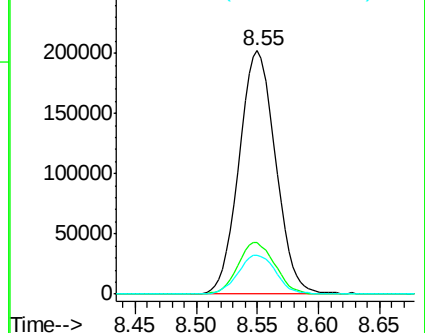
88 16.0 0.0 33.4

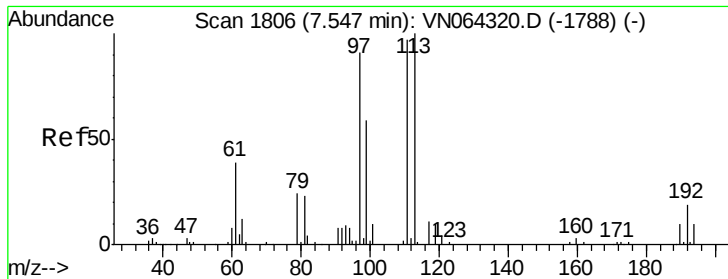


Abundance Ion 113.90 (113.60 to 114.60): VN064376.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064376.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064376.D (-2025) (-)





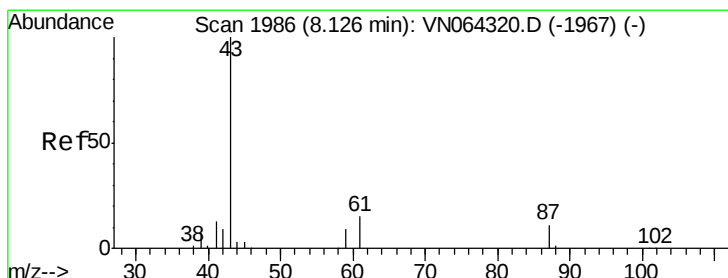
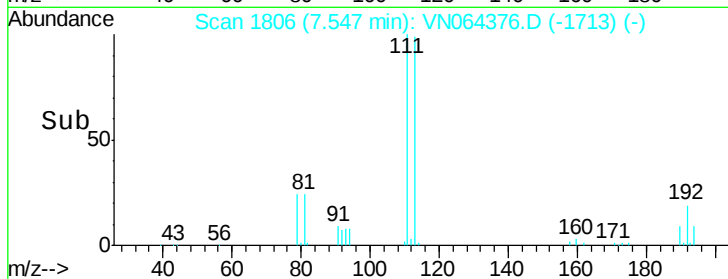
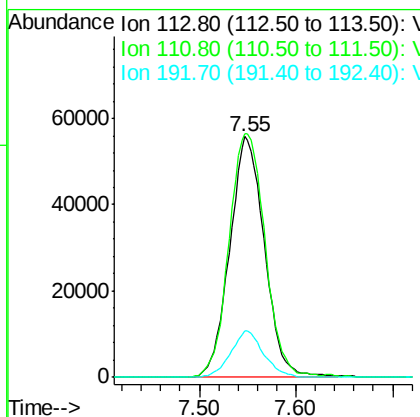
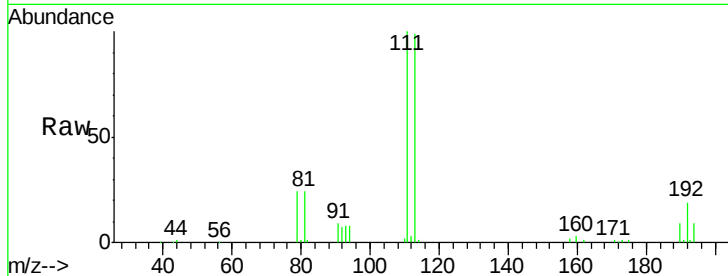
#35
 Dibromofluoromethane
 Concen: 49.789 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064376.D
 Acq: 29 Oct 2020 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132688TB

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138951		
111	104.9	81.5	122.3	
192	18.3	15.0	22.4	

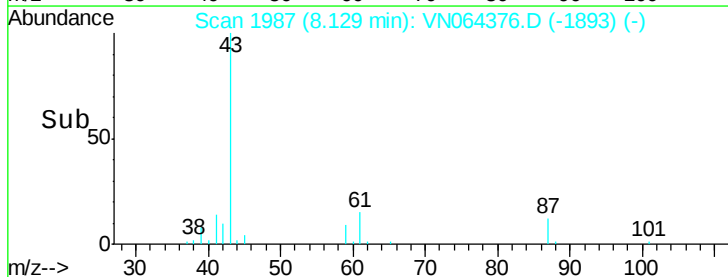
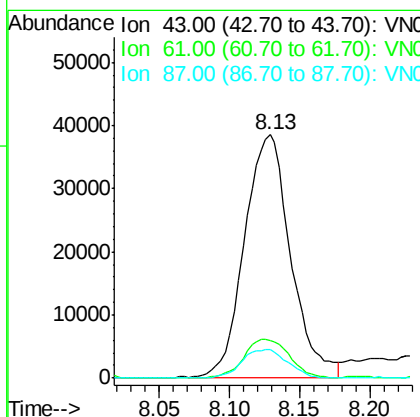
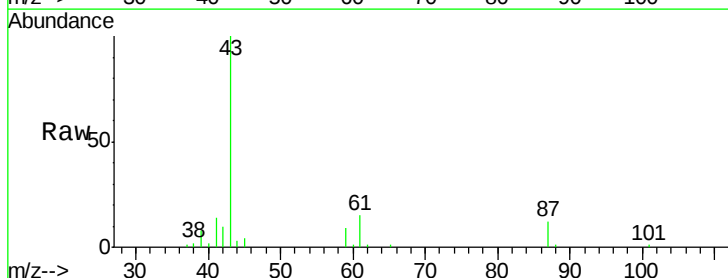
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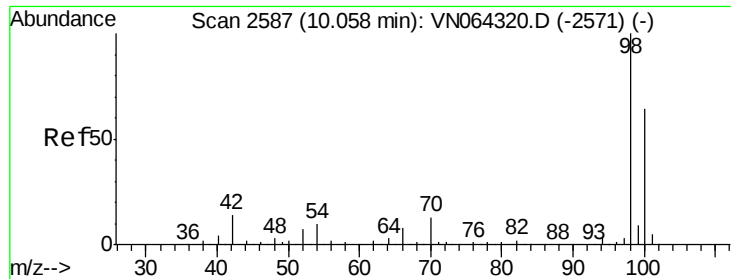
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#43
 Isopropyl Acetate
 Concen: 12.135 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064376.D
 Acq: 29 Oct 2020 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	88496		
61	15.7	19.1	28.7#	
87	11.6	9.3	13.9	





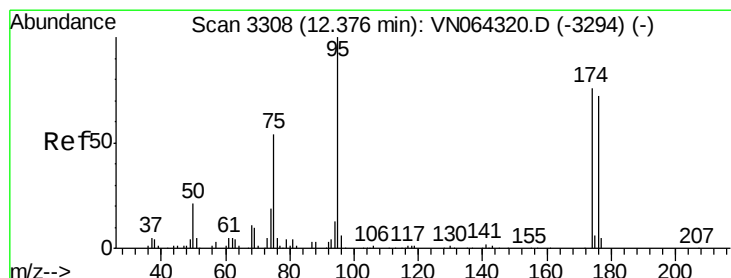
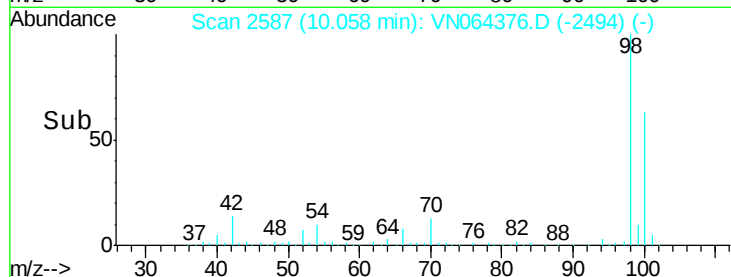
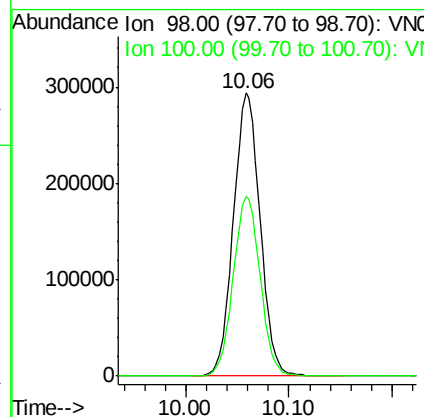
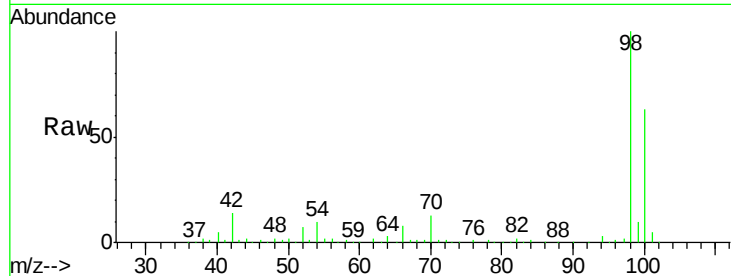
#50
Toluene-d8
Concen: 51.536 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064376.D
Acq: 29 Oct 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
PB132688TB

Tot Ion: 98 Resp: 532004
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

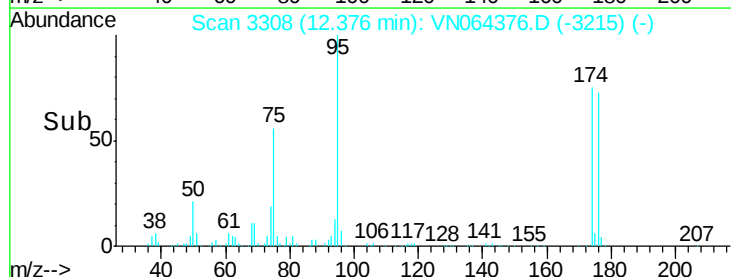
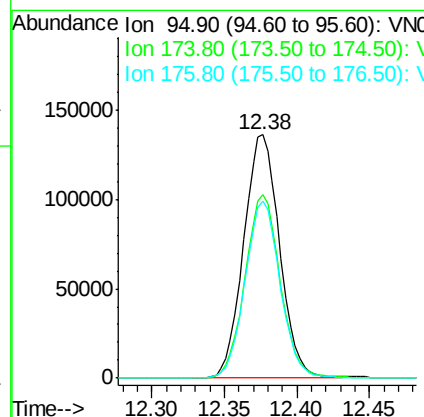
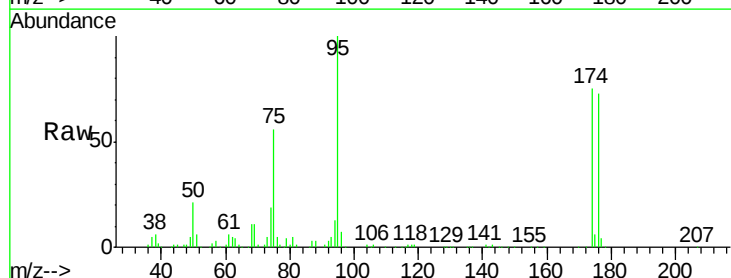
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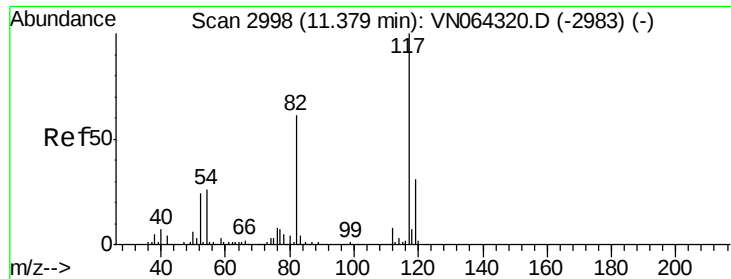
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#62
4-Bromofluorobenzene
Concen: 58.327 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064376.D
Acq: 29 Oct 2020 16:09

Tgt Ion: 95 Resp: 234755
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.4
176 71.0 0.0 143.6





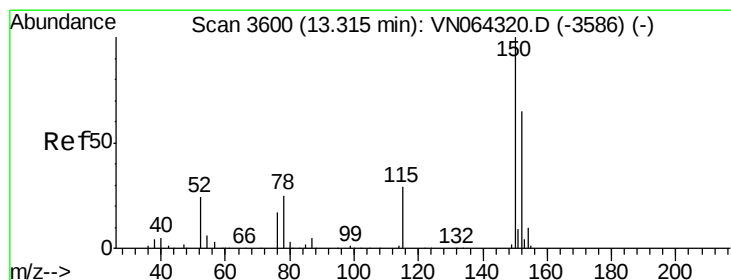
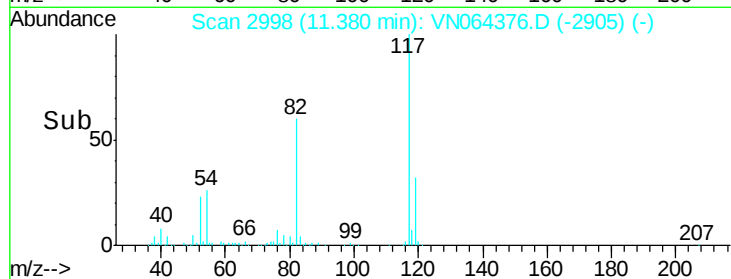
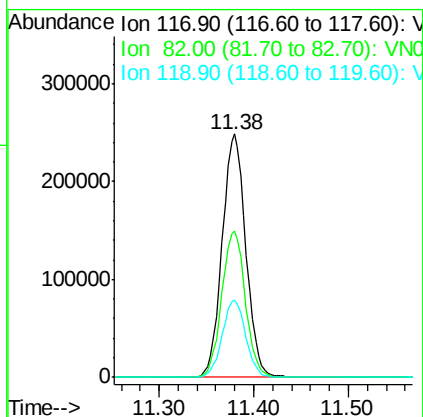
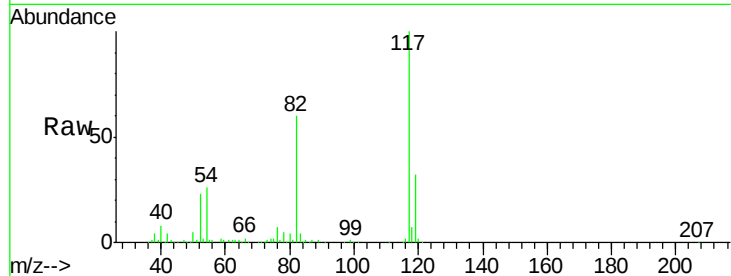
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064376.D
Acq: 29 Oct 2020 16:09

Instrument :
MSVOA_N
ClientSampleId :
PB132688TB

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	48.8	73.2
119	31.7	25.1	37.7

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: VN064376.D
Acq: 29 Oct 2020 16:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.5	94.5
150	155.4	0.0	346.2

