

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064350.D
 Acq On : 28 Oct 2020 14:22
 Operator : JC/MD
 Sample : PB132665ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132665ZHE#02

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 9:50:18 AM

Quant Time: Oct 29 03:11:11 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	255327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	195040	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
35) Dibromofluoromethane	7.55	113	143240	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	10.06	98	552106	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.38	95	237678	55.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.54%	
Target Compounds						
18) Methyl Acetate	4.28	43	4953m	1.607	ug/l	
20) Methylene Chloride	4.51	84	8775	3.016	ug/l	93
43) Isopropyl Acetate	8.13	43	103252	13.370	ug/l #	90

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

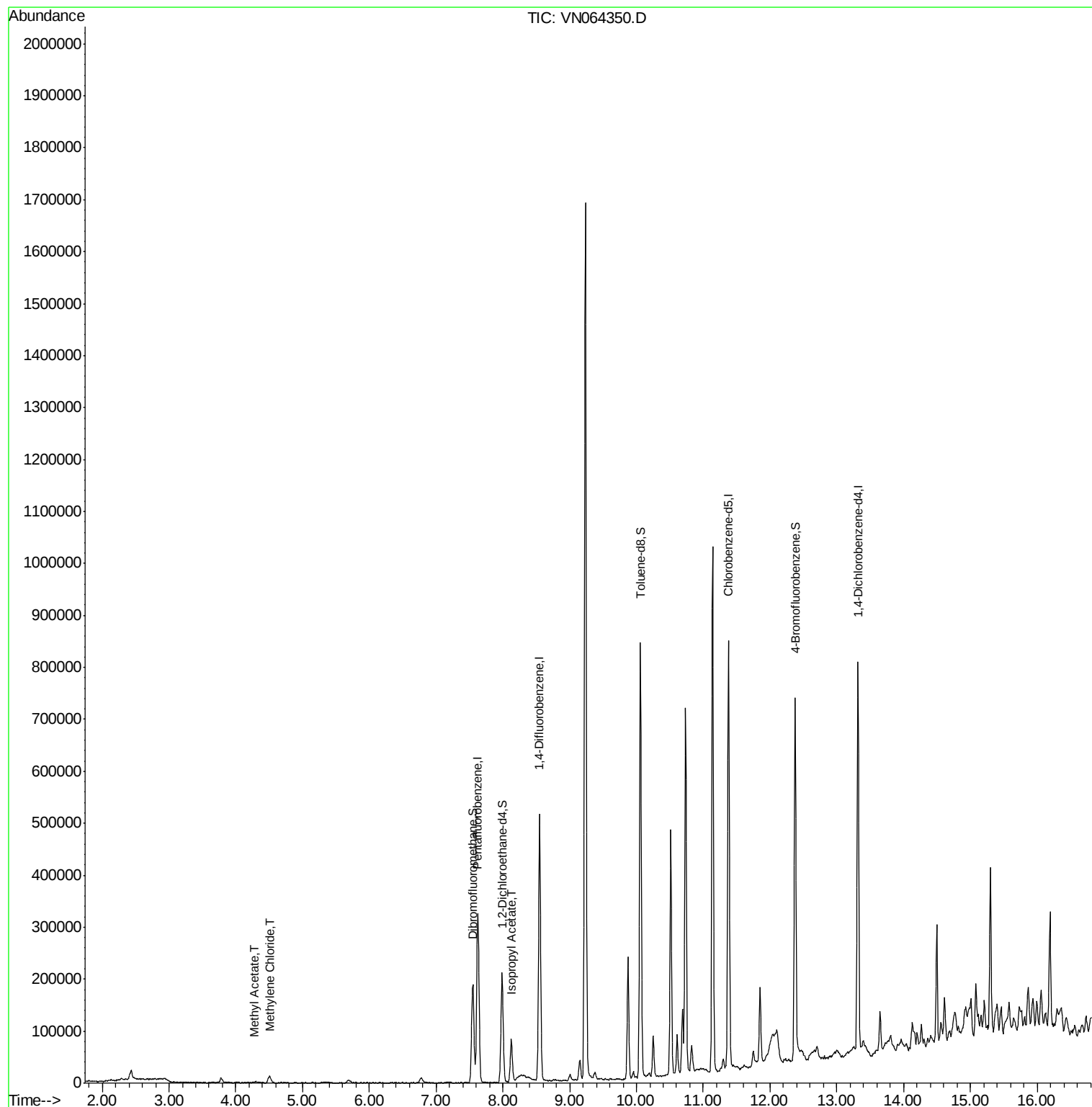
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102820\
Data File : VN064350.D
Acq On : 28 Oct 2020 14:22
Operator : JC/MD
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Misc : 5.00mL/MSVOA N/WATER
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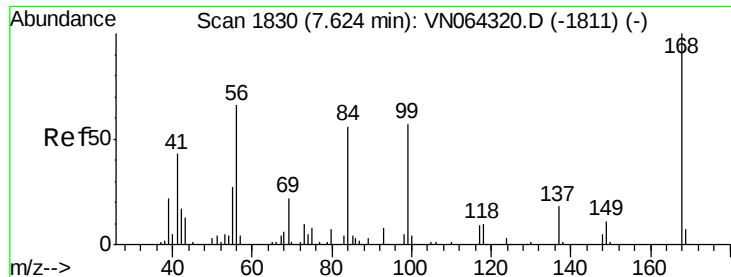
Instrument :
MSVOA_N
ClientSampleId :
PB132665ZHE#02

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Quant Time: Oct 29 03:11:11 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: VN064350.D

Acq: 28 Oct 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#02

Tot Ion:168 Resp: 255327

Ion Ratio Lower Upper

168 100

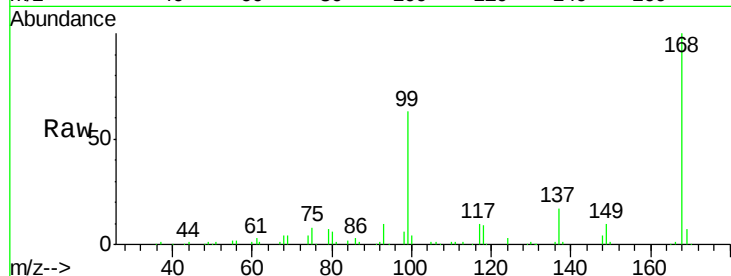
99 63.2 52.7 79.1

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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

120000

100000

80000

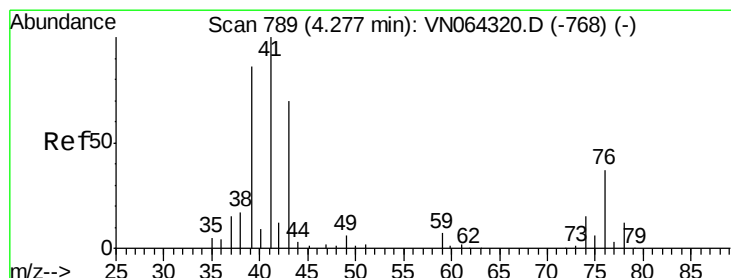
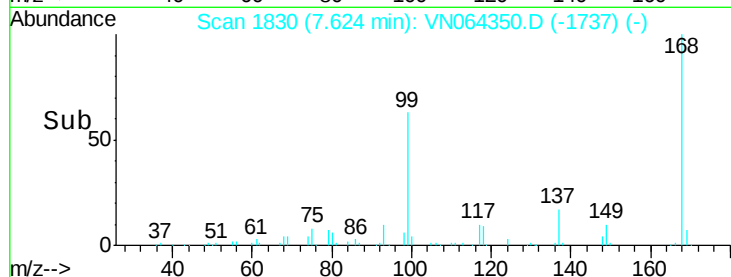
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#18

Methyl Acetate

Concen: 1.607 ug/l m

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064350.D

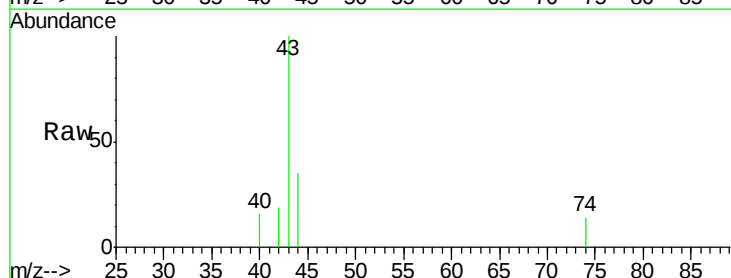
Acq: 28 Oct 2020 14:22

Tgt Ion: 43 Resp: 4953

Ion Ratio Lower Upper

43 100

74 13.3 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.28

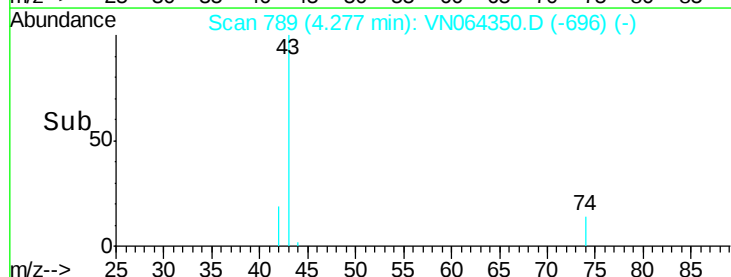
1500

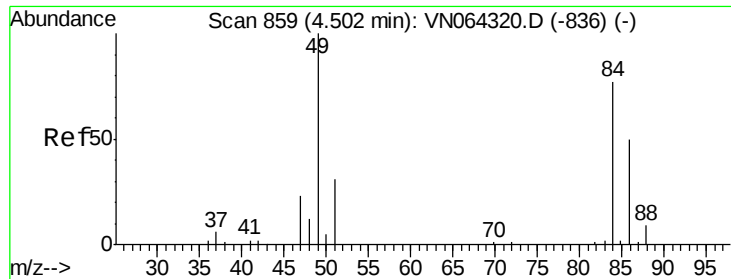
1000

500

0

Time--> 4.20 4.25 4.30 4.35 4.40





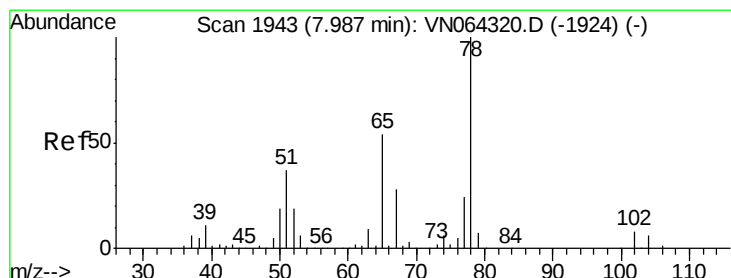
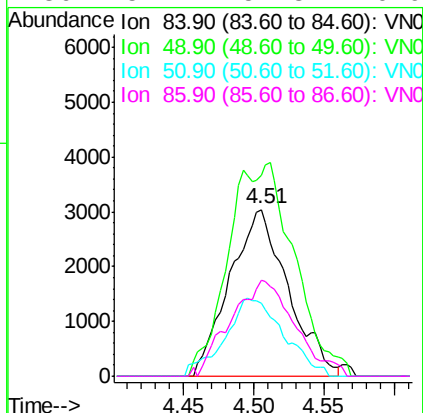
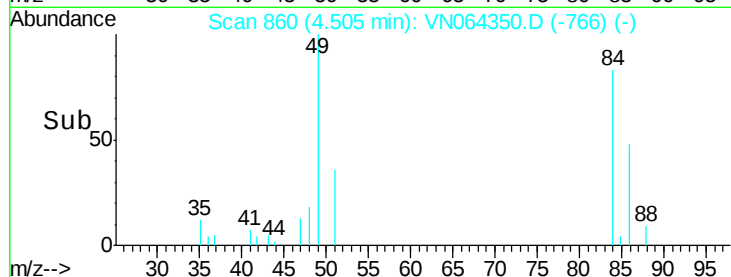
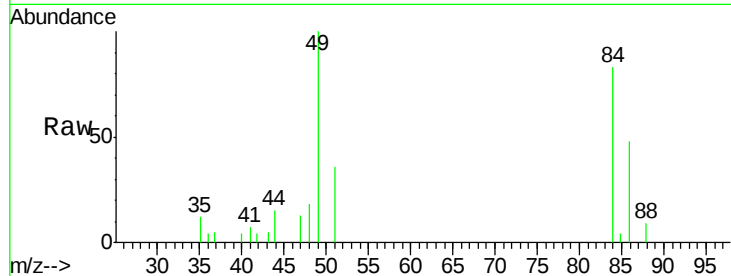
#20
Methvlene Chloride
Concen: 3.016 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064350.D
Acq: 28 Oct 2020 14:22

Instrument :
MSVOA_N
ClientSampleId :
PB132665ZHE#02

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	121.0	103.6	155.4	
51	43.7	31.8	47.8	
86	57.7	51.3	76.9	

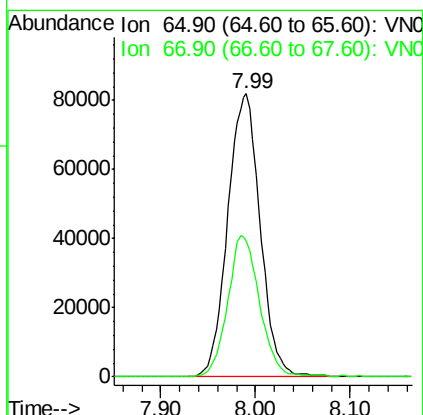
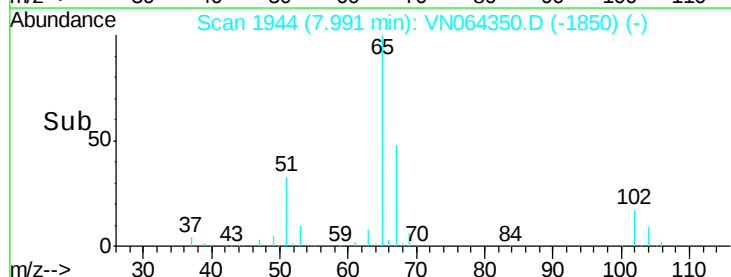
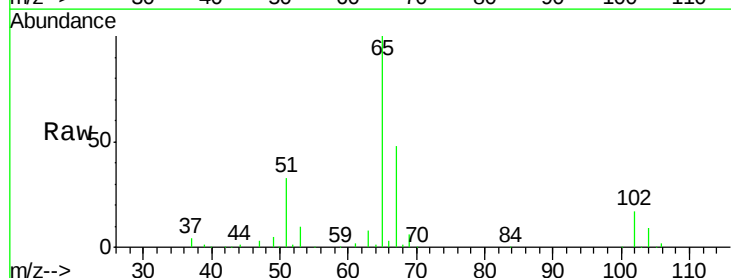
Manual Integrations
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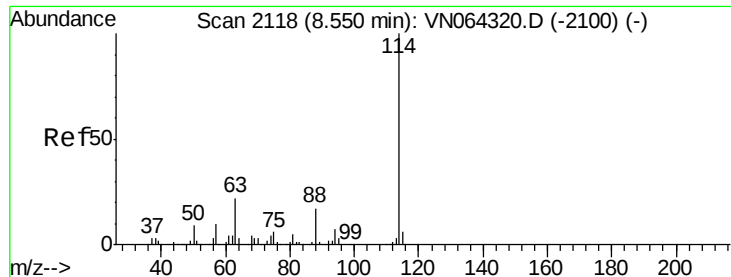
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#33
1,2-Dichloroethane-d4
Concen: 47.535 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064350.D
Acq: 28 Oct 2020 14:22

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	49.2	0.0	99.2	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064350.D

Acq: 28 Oct 2020 14:22

Instrument :

MSVOA_N

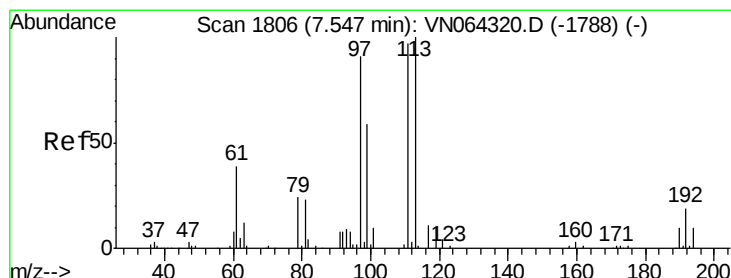
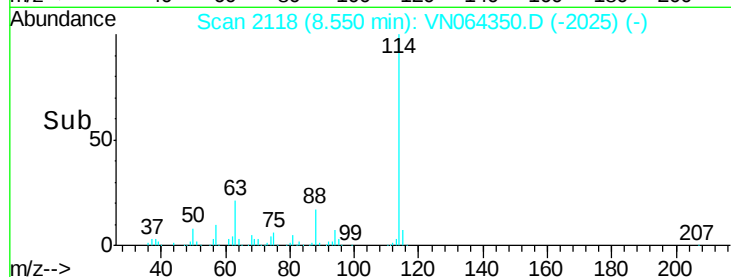
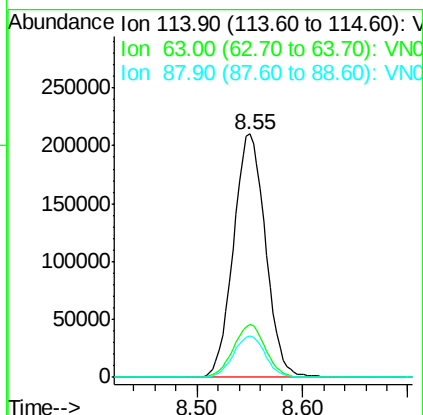
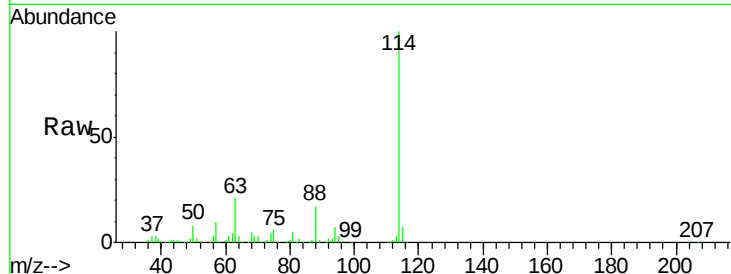
ClientSampleId :

PB132665ZHE#02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
114	100		443166		
63	21.5	0.0	44.6		
88	16.8	0.0	33.4		

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#35

Dibromofluoromethane

Concen: 48.468 ug/l

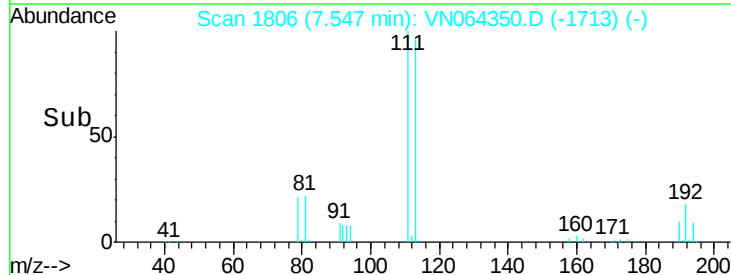
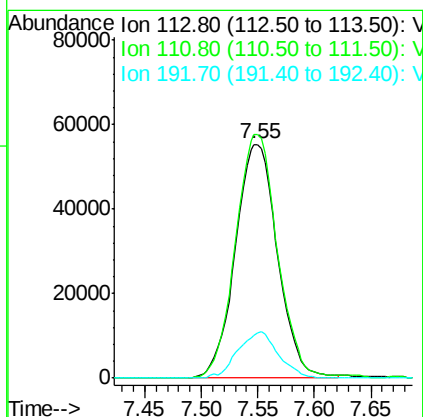
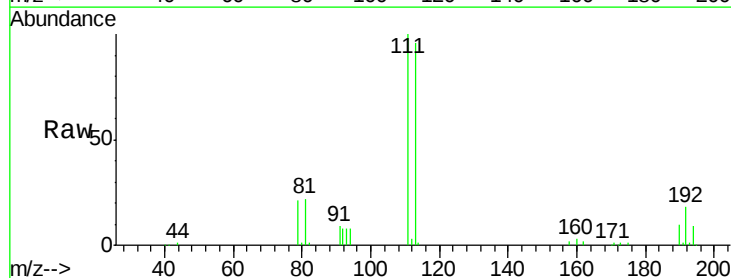
RT: 7.55 min Scan# 1806

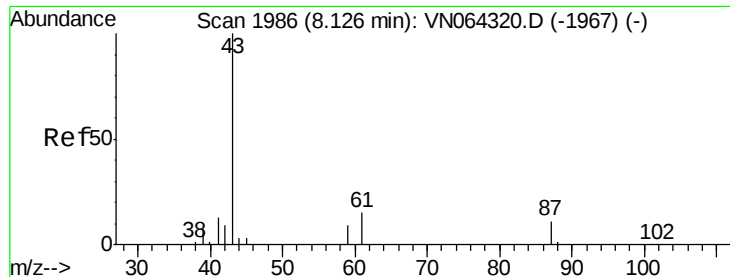
Delta R.T. 0.00 min

Lab File: VN064350.D

Acq: 28 Oct 2020 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
113	100		143240		
111	103.8	81.5	122.3		
192	19.0	15.0	22.4		





#43

Isopropyl Acetate

Concen: 13.370 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064350.D

Acq: 28 Oct 2020 14:22

Instrument :

MSVOA_N

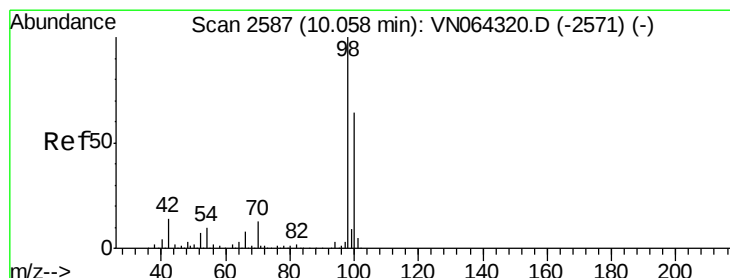
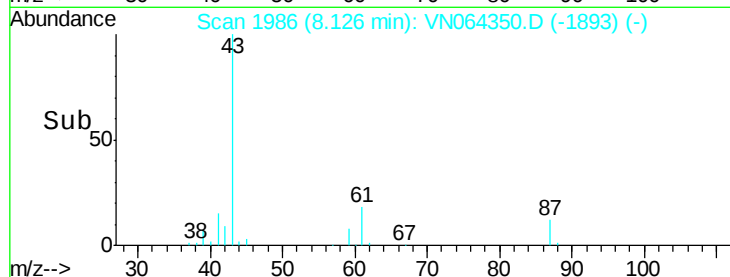
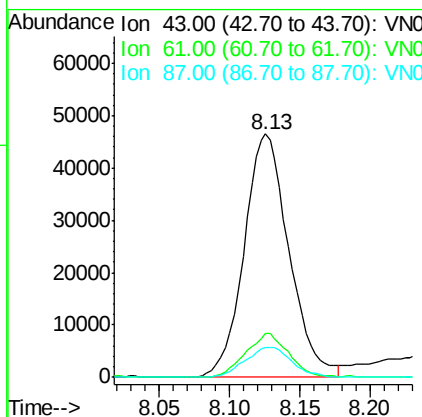
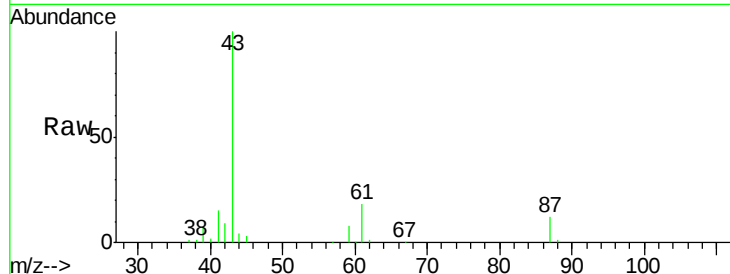
ClientSampleId :

PB132665ZHE#02

Tot Ion:	43	Resp:	103252
Ion	Ratio	Lower	Upper
43	100		
61	17.4	19.1	28.7#
87	12.7	9.3	13.9

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#50

Toluene-d8

Concen: 50.506 ug/l

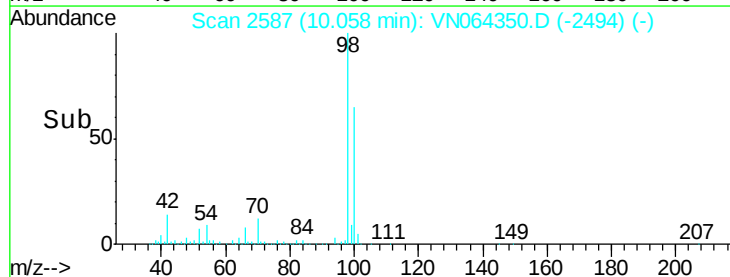
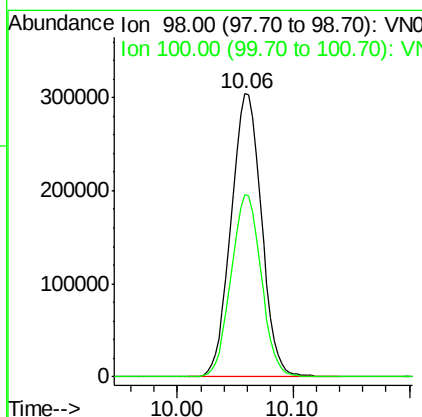
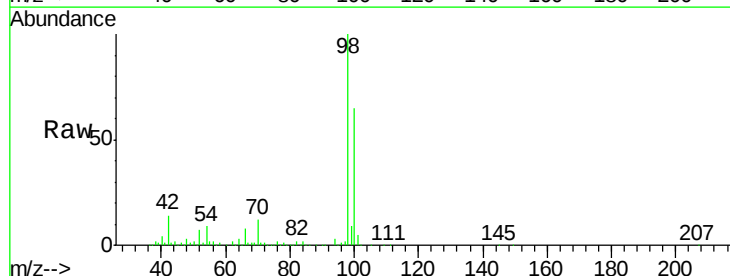
RT: 10.06 min Scan# 2587

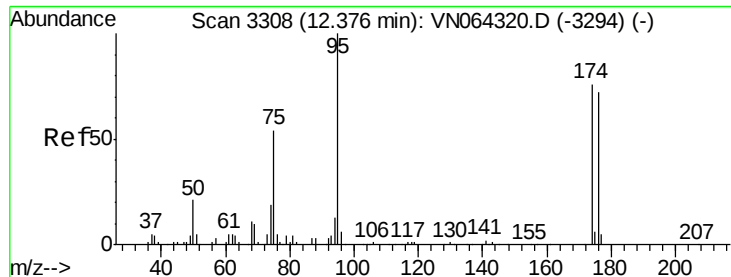
Delta R.T. 0.00 min

Lab File: VN064350.D

Acq: 28 Oct 2020 14:22

Tgt Ion:	98	Resp:	552106
Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





#62

4-Bromofluorobenzene

Concen: 55.765 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064350.D

Acq: 28 Oct 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#02

Tot Ion: 95 Resp: 237678

Ion Ratio Lower Upper

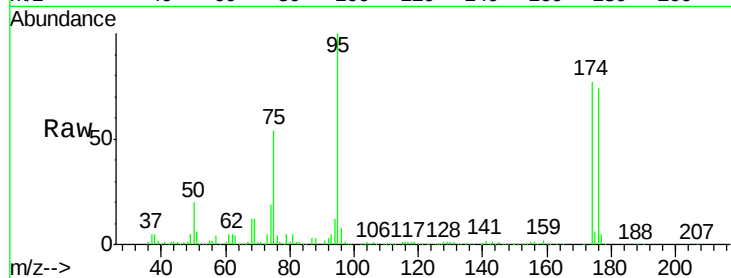
95 100

174 75.3 0.0 147.4

176 74.2 0.0 143.6

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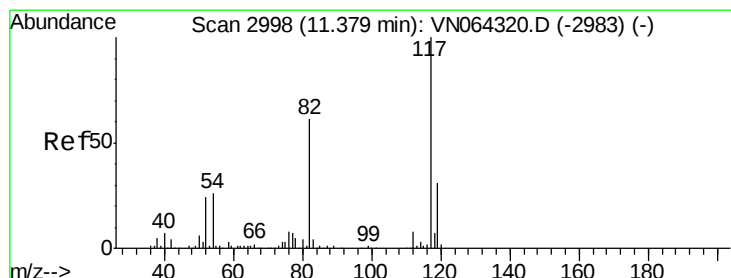
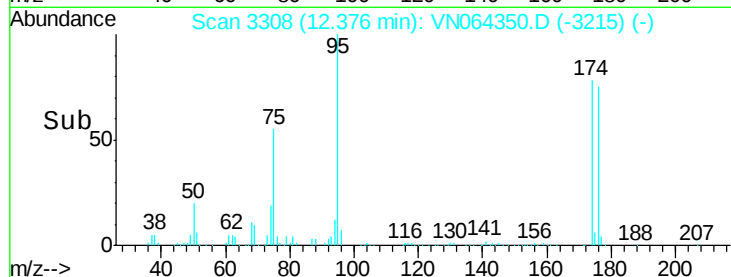
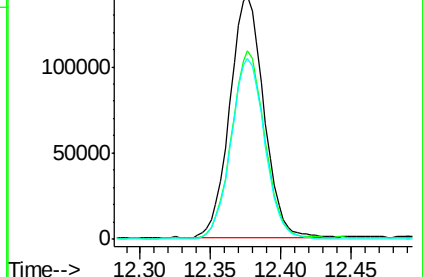
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Abundance Ion 94.90 (94.60 to 95.60): VN064320.D (-3294) (-)

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

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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064350.D

Acq: 28 Oct 2020 14:22

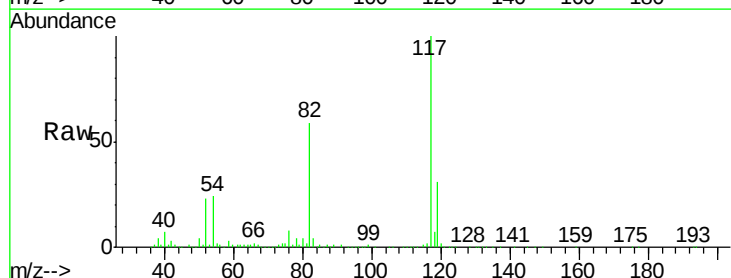
Tgt Ion: 117 Resp: 444608

Ion Ratio Lower Upper

117 100

82 58.9 48.8 73.2

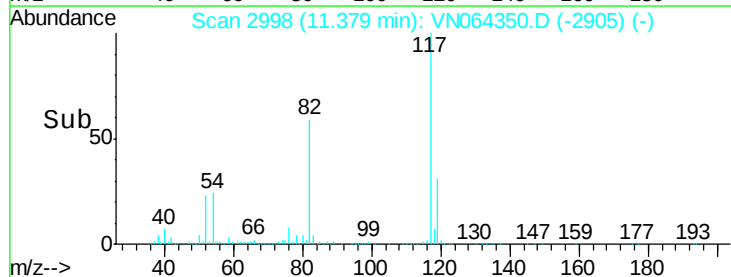
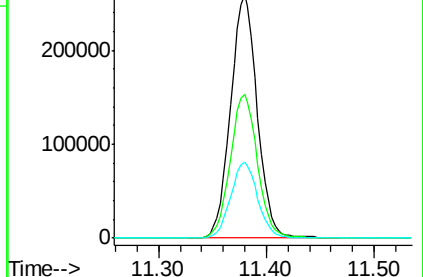
119 31.0 25.1 37.7

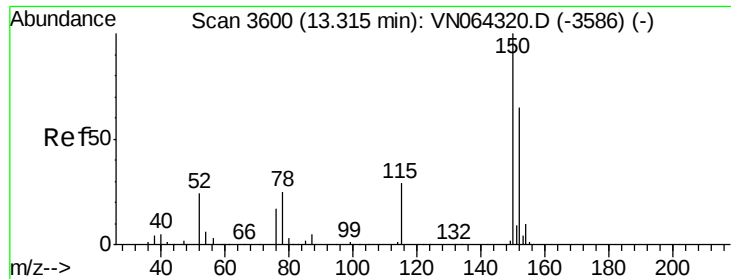


Abundance Ion 116.90 (116.60 to 117.60): VN064320.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064320.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064320.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064350.D

Acq: 28 Oct 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB132665ZHE#02

Tot Ion:152 Resp: 196053

Ion Ratio Lower Upper

152 100

115 63.0 31.5 94.5

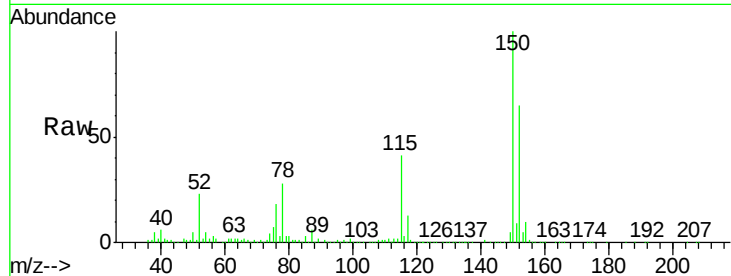
150 157.7 0.0 346.2

Manual Integrations

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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

