

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064404.D
 Acq On : 30 Oct 2020 16:52
 Operator : JC/MD
 Sample : PB132725ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132725ZHE#08

Manual Integrations
 APPROVED

MMDadoda
 11/2/2020 4:11:49 PM

Quant Time: Nov 02 03:07:16 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	204483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	373254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	375627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	148460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175205	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
35) Dibromofluoromethane	7.55	113	123929	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.06	98	468066	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.38	95	199170	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
Target Compounds						
18) Methyl Acetate	4.29	43	3151m	1.277	ug/l	
20) Methylene Chloride	4.51	84	6440m	2.763	ug/l	
43) Isopropyl Acetate	8.13	43	79752	12.261	ug/l #	90

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

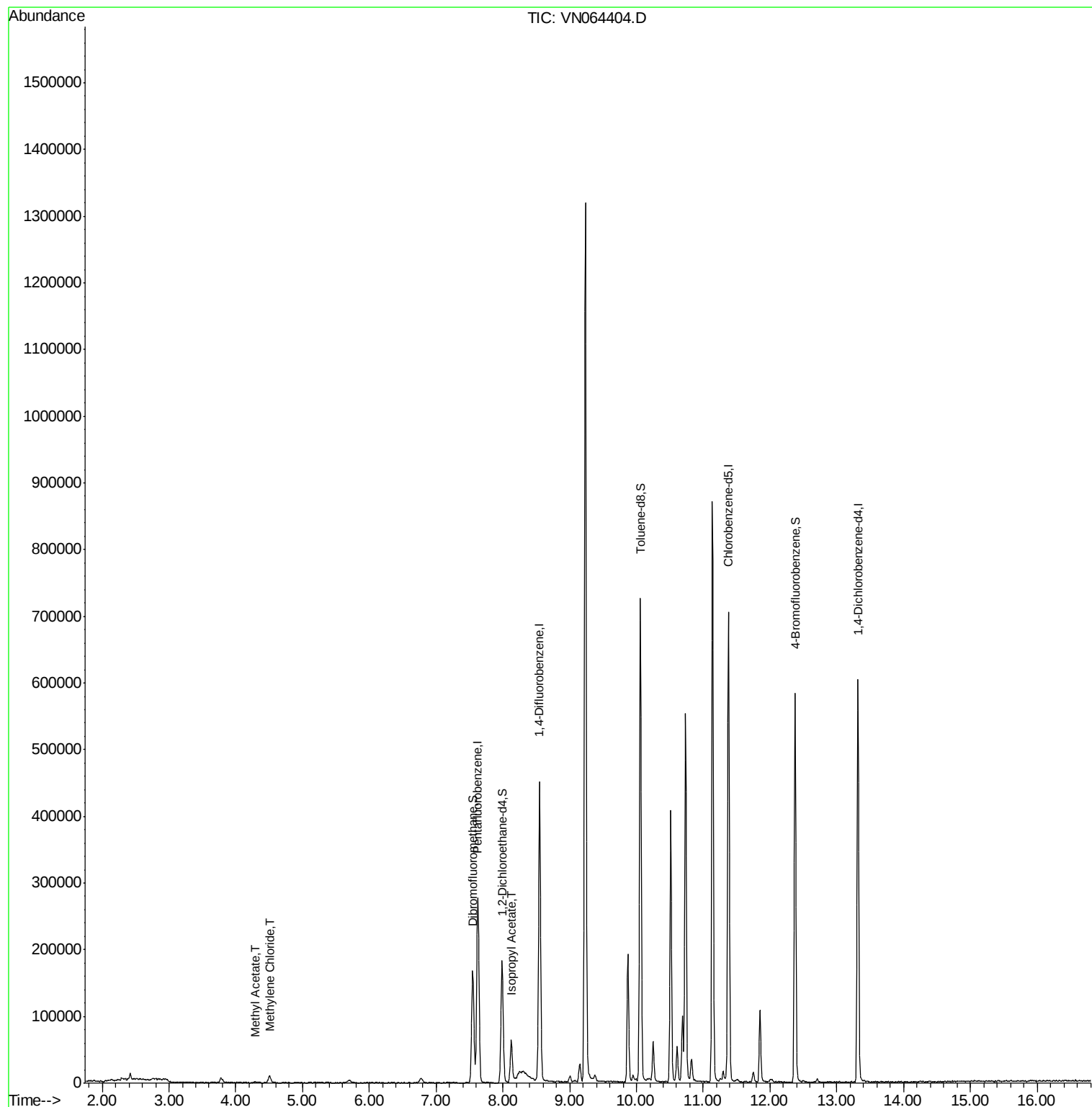
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN103020\
Data File : VN064404.D
Acq On : 30 Oct 2020 16:52
Operator : JC/MD
Sample : PB132725ZHE#08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

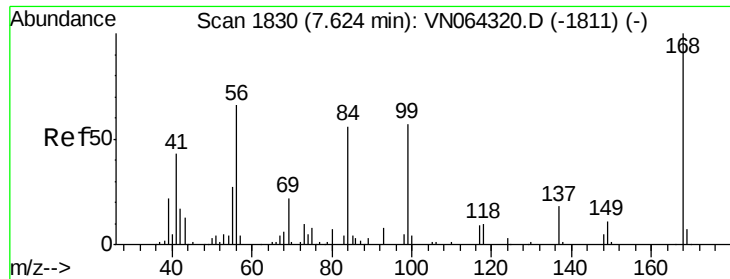
Instrument :
MSVOA_N
ClientSampleId :
PB132725ZHE#08

Manual Integrations
APPROVED

MMDadoda
11/2/2020 4:11:49 PM

Quant Time: Nov 02 03:07:16 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: VN064404.D

Acq: 30 Oct 2020 16:52

Instrument :

MSVOA_N

ClientSampleId :

PB132725ZHE#08

Tot Ion:168 Resp: 204483

Ion Ratio Lower Upper

168 100

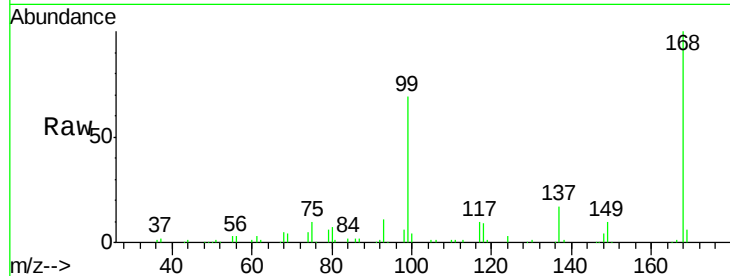
99 68.7 52.7 79.1

Manual Integrations

APPROVED

MMDadoda

11/2/2020 4:11:49 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

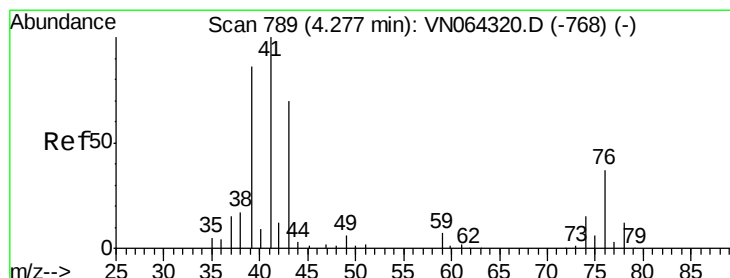
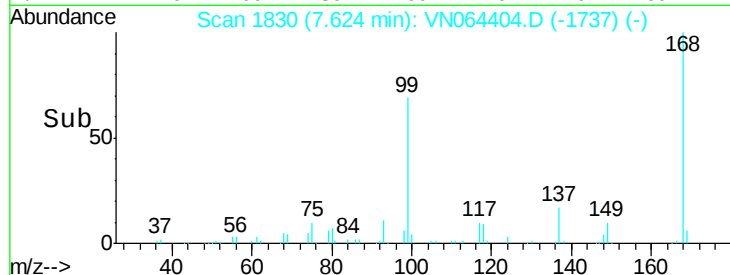
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#18

Methyl Acetate

Concen: 1.277 ug/l m

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064404.D

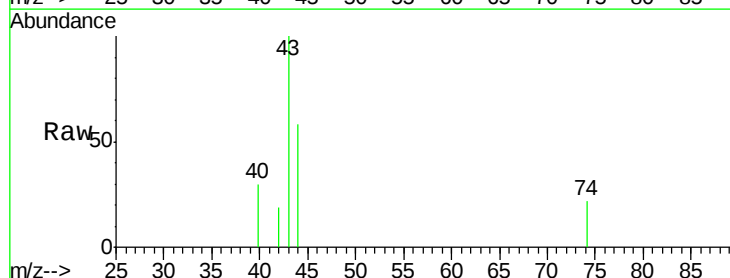
Acq: 30 Oct 2020 16:52

Tgt Ion: 43 Resp: 3151

Ion Ratio Lower Upper

43 100

74 4.7 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.29

1200

1000

800

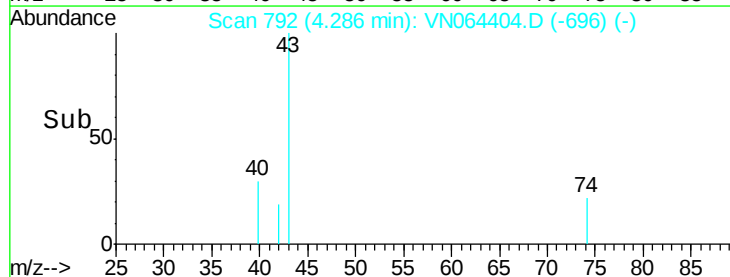
600

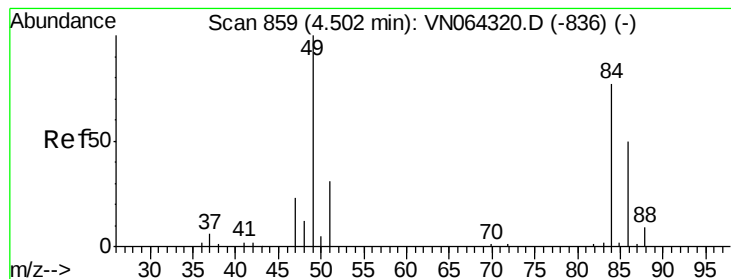
400

200

0

Time--> 4.20 4.25 4.30 4.35





#20

Methylene Chloride

Concen: 2.763 ug/l m

RT: 4.51 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN064404.D

Acq: 30 Oct 2020 16:52

Instrument :

MSVOA_N

ClientSampleId :

PB132725ZHE#08

Tot Ion: 84 Resp: 6440

Ion Ratio Lower Upper

84 100

49 99.2 103.6 155.4#

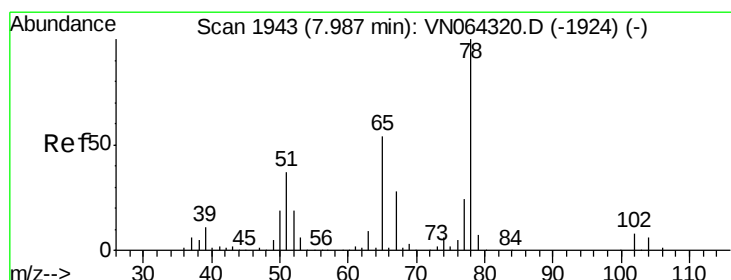
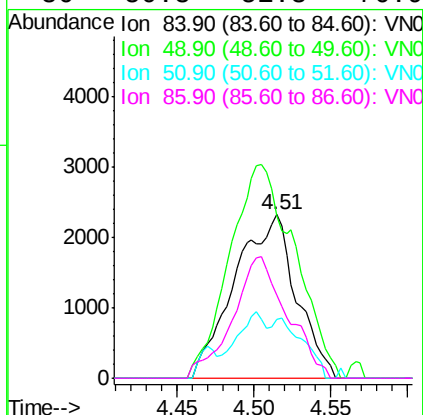
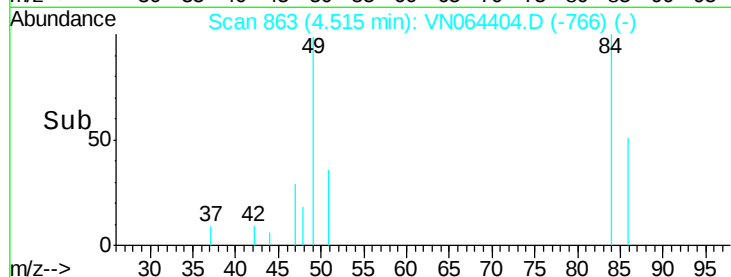
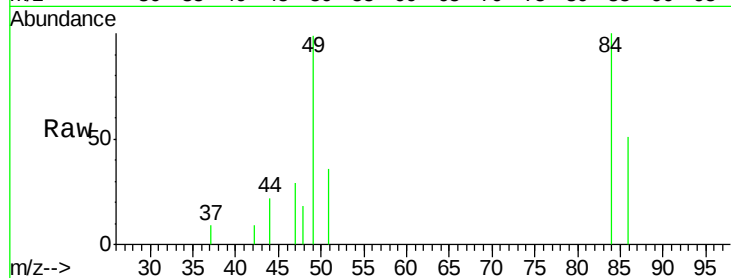
51 36.1 31.8 47.8

86 50.8 51.3 76.9#

Manual Integrations
APPROVED

MMDadoda

11/2/2020 4:11:49 PM



#33

1,2-Dichloroethane-d4

Concen: 53.318 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064404.D

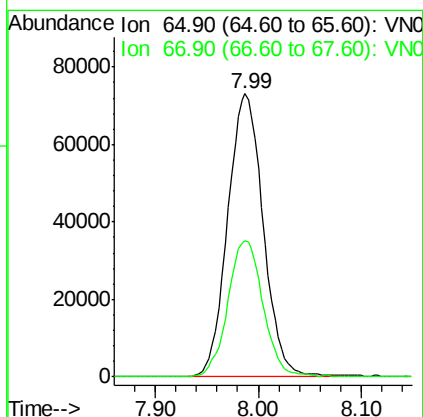
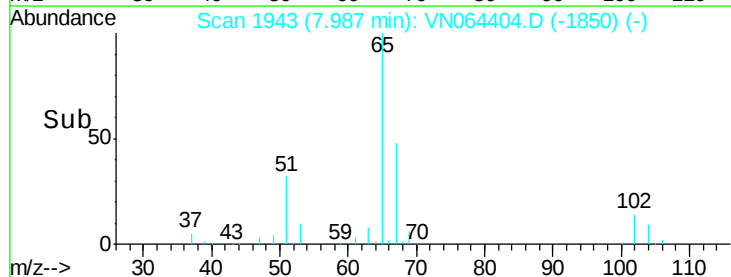
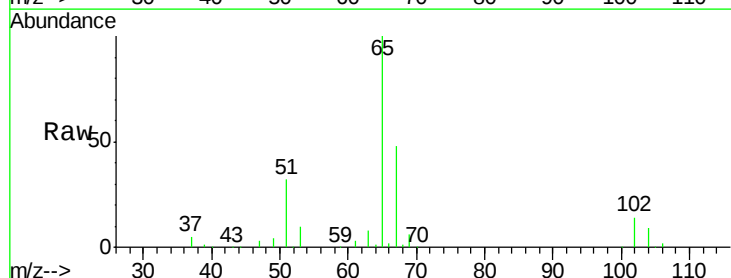
Acq: 30 Oct 2020 16:52

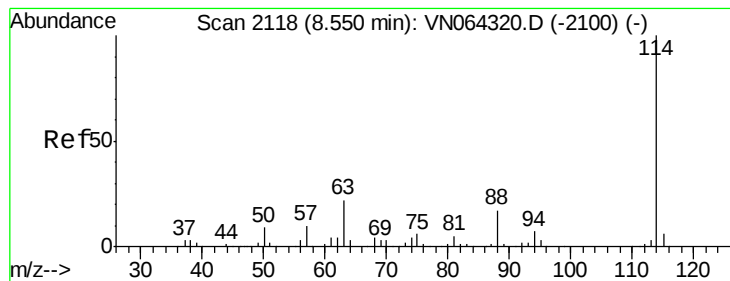
Tgt Ion: 65 Resp: 175205

Ion Ratio Lower Upper

65 100

67 47.9 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: VN064404.D

Acq: 30 Oct 2020 16:52

Instrument :

MSVOA_N

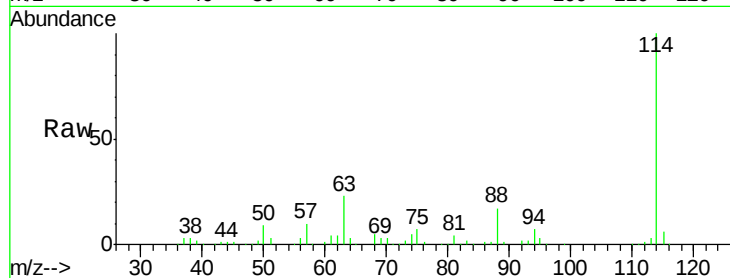
ClientSampleId :

PB132725ZHE#08

Tot Ion	Ratio	Resp	Lower	Upper
114	100	373254		
63	23.5	0.0	44.6	
88	16.5	0.0	33.4	

Manual Integrations
APPROVED

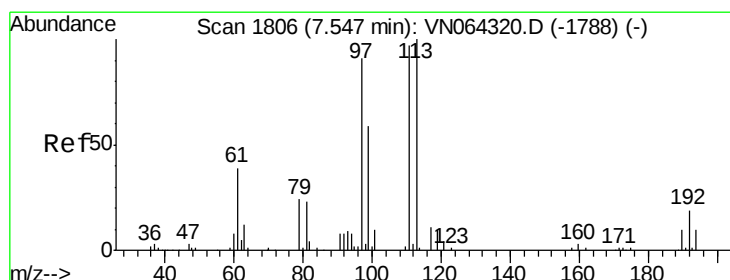
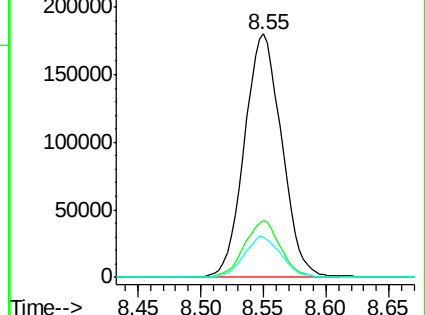
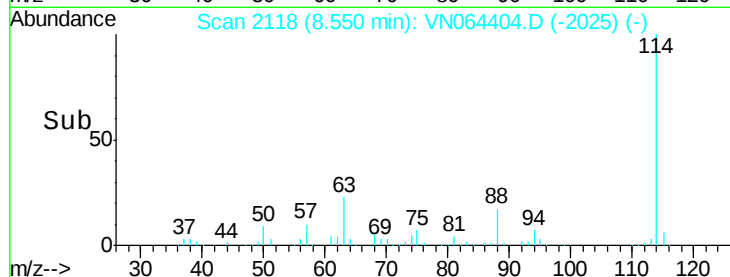
MMDadoda
11/2/2020 4:11:49 PM



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.788 ug/l

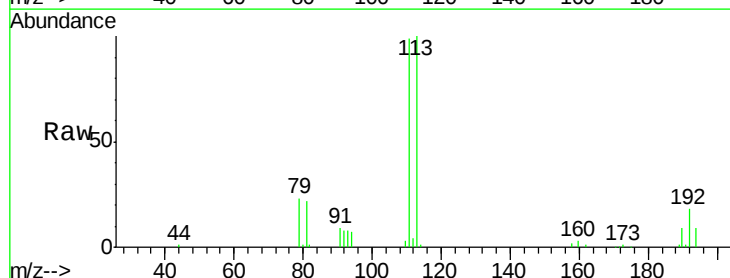
RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064404.D

Acq: 30 Oct 2020 16:52

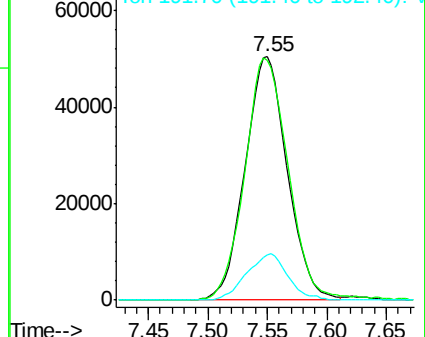
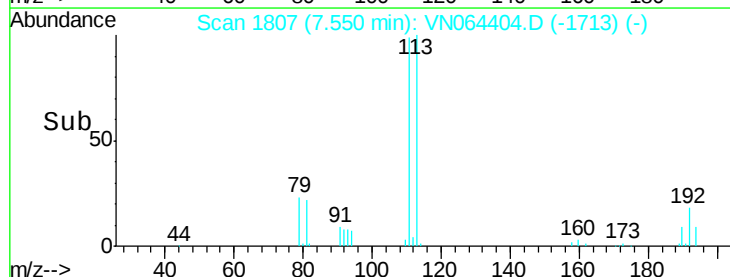
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	123929		
111	102.3	81.5	122.3	
192	18.5	15.0	22.4	

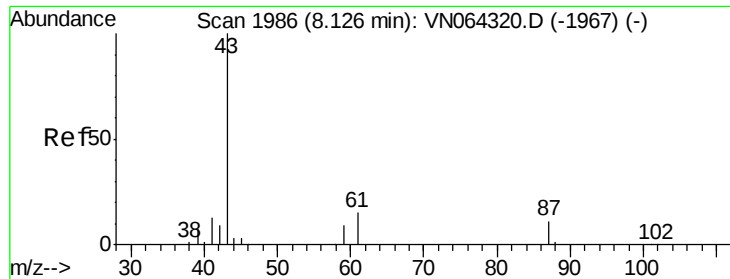


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.261 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064404.D

Acq: 30 Oct 2020 16:52

Instrument :

MSVOA_N

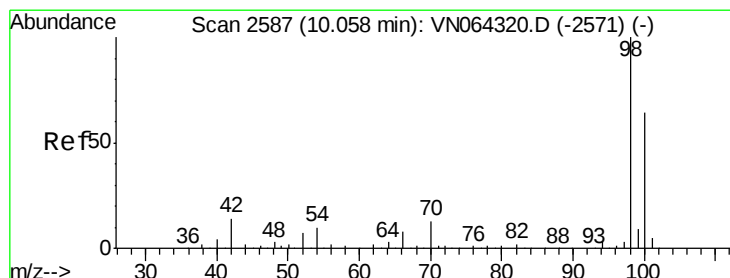
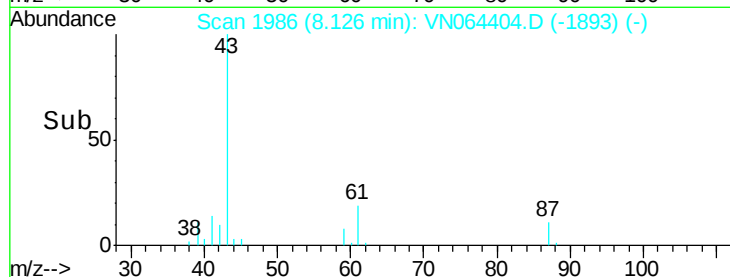
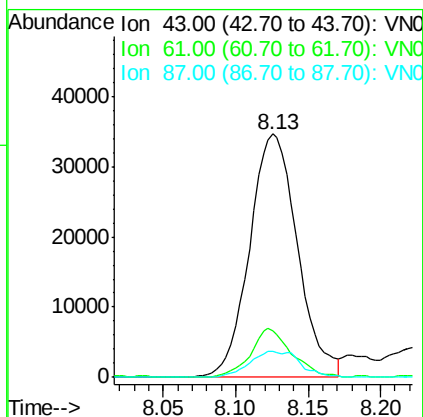
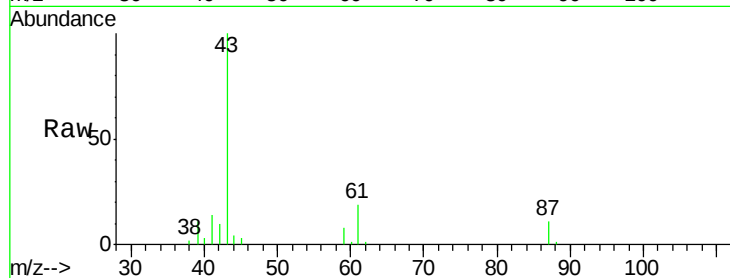
ClientSampleId :

PB132725ZHE#08

Tot Ion:	43	Resp:	79752
Ion Ratio	Lower	Upper	
43	100		
61	17.1	19.1	28.7#
87	11.3	9.3	13.9

Manual Integrations
APPROVED

MMDadoda
11/2/2020 4:11:49 PM



#50

Toluene-d8

Concen: 50.838 ug/l

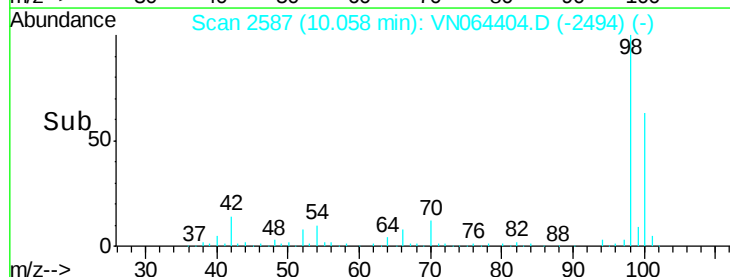
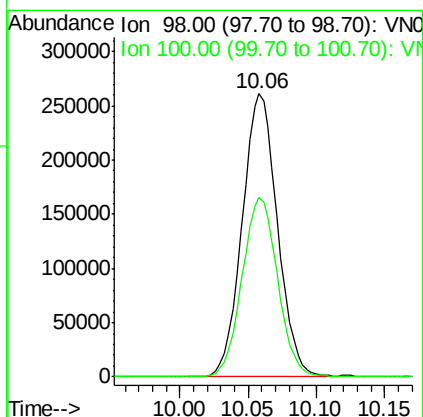
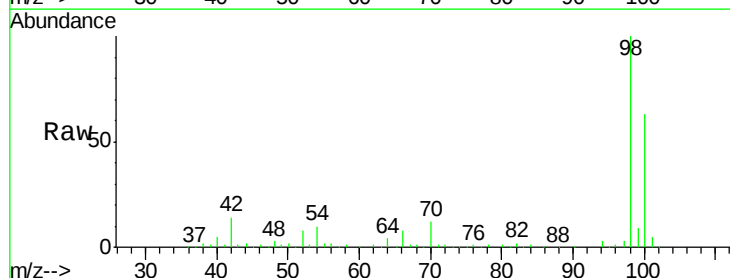
RT: 10.06 min Scan# 2587

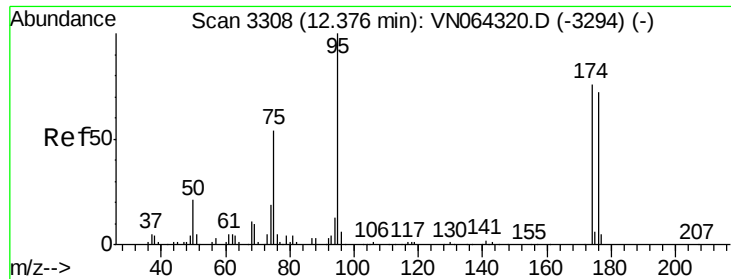
Delta R.T. -0.00 min

Lab File: VN064404.D

Acq: 30 Oct 2020 16:52

Tgt Ion:	98	Resp:	468066
Ion Ratio	Lower	Upper	
98	100		
100	63.7	50.9	76.3





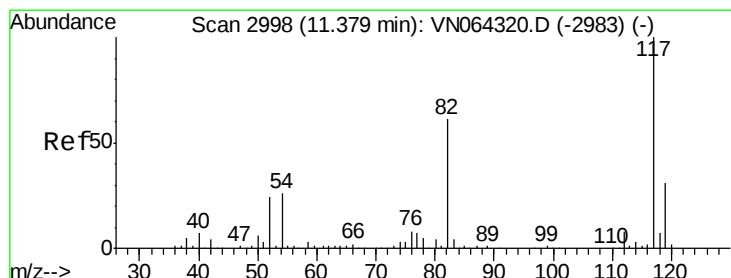
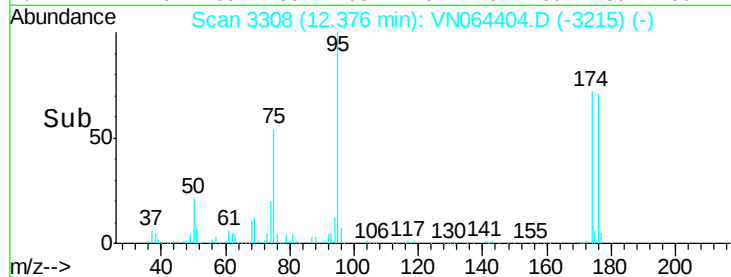
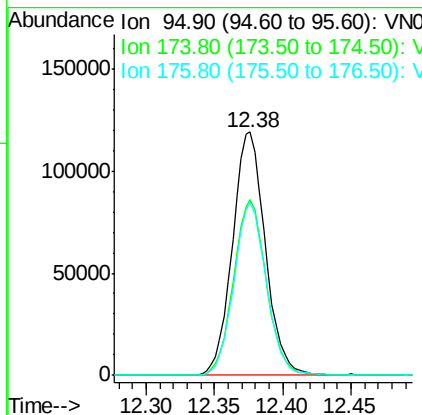
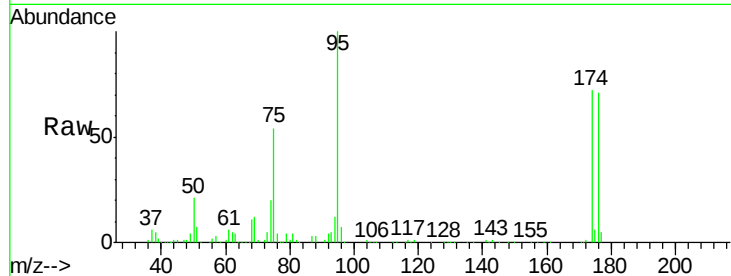
#62
4-Bromofluorobenzene
Concen: 55.483 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064404.D
Acq: 30 Oct 2020 16:52

Instrument :
MSVOA_N
ClientSampleId :
PB132725ZHE#08

Tot Ion	Ratio	Resp	Lower	Upper
95	100	199170		
174	72.0	0.0	147.4	
176	70.2	0.0	143.6	

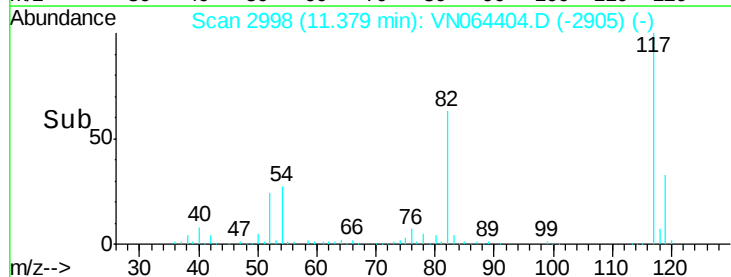
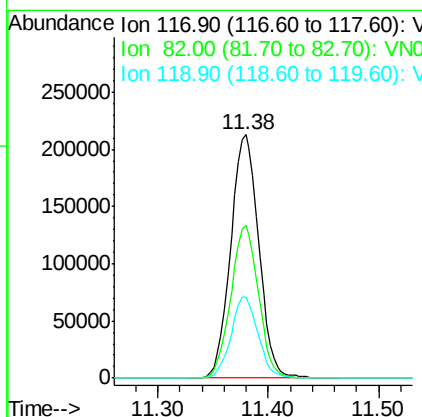
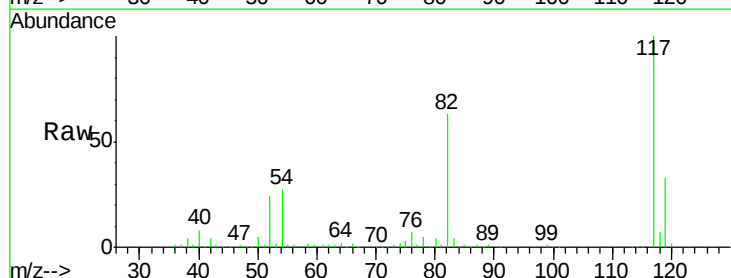
Manual Integrations
APPROVED

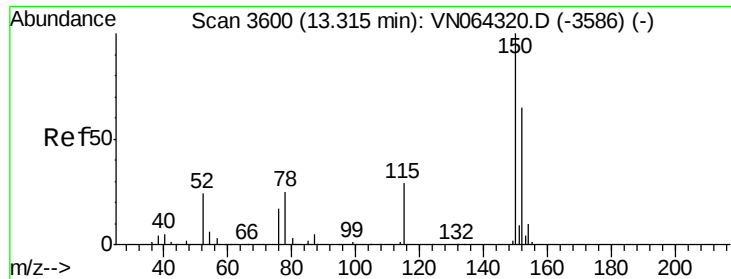
MMDadoda
11/2/2020 4:11:49 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064404.D
Acq: 30 Oct 2020 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	375627		
82	62.8	48.8	73.2	
119	33.4	25.1	37.7	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064404.D

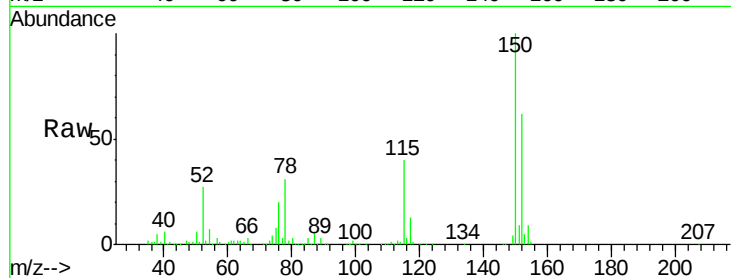
Acq: 30 Oct 2020 16:52

Instrument :

MSVOA_N

ClientSampleId :

PB132725ZHE#08



Tot Ion:152 Resp: 148460

Ion Ratio Lower Upper

152 100

115 64.3 31.5 94.5

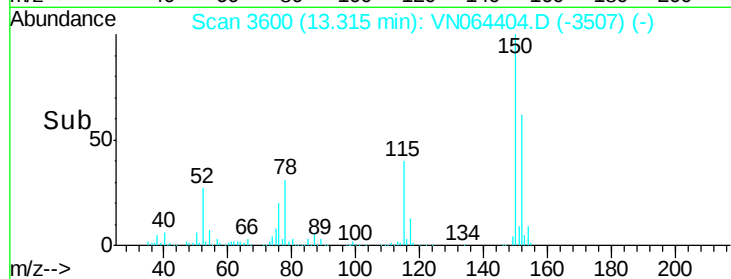
150 162.0 0.0 346.2

Manual Integrations

APPROVED

MMDadoda

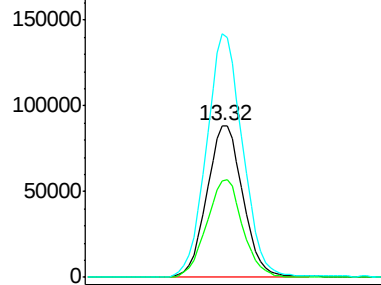
11/2/2020 4:11:49 PM



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



Time-->