

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063560.D
 Acq On : 23 Sep 2020 3:15
 Operator : JC/MD
 Sample : PB131779ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131779ZHE#12

Manual Integrations
 APPROVED

MMDadoda
 9/23/2020 1:06:42 PM

Quant Time: Sep 23 07:13:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	204531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	389297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	173150	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
35) Dibromofluoromethane	7.55	113	127330	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	10.06	98	494330	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.38	95	186804	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
Target Compounds						
20) Methylene Chloride	4.51	84	4208m	1.484	ug/l	Qvalue

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

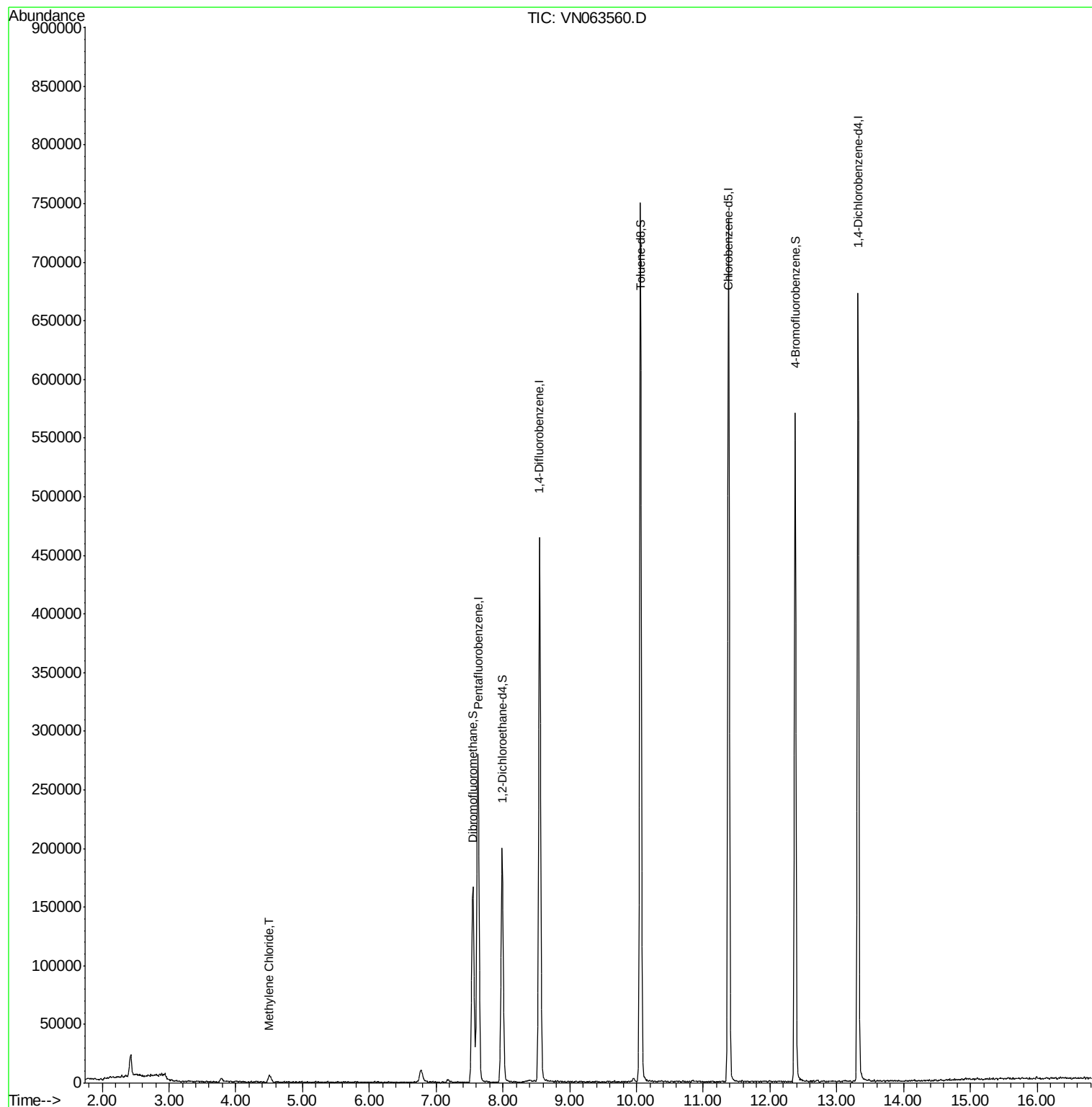
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063560.D
Acq On : 23 Sep 2020 3:15
Operator : JC/MD
Sample : PB131779ZHE#12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 39 Sample Multiplier: 1

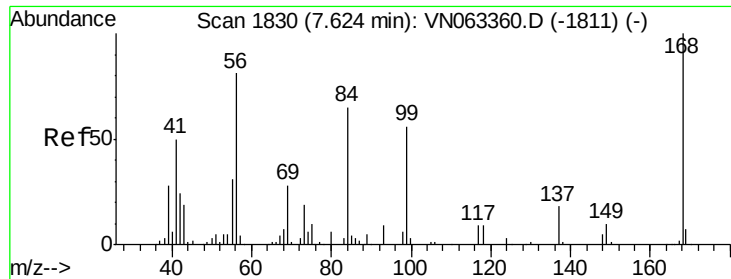
Instrument :
MSVOA_N
ClientSampleId :
PB131779ZHE#12

Manual Integrations
APPROVED

MMDadoda
9/23/2020 1:06:42 PM

Quant Time: Sep 23 07:13:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063560.D

Acq: 23 Sep 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

PB131779ZHE#12

Tot Ion:168 Resp: 204531

Ion Ratio Lower Upper

168 100

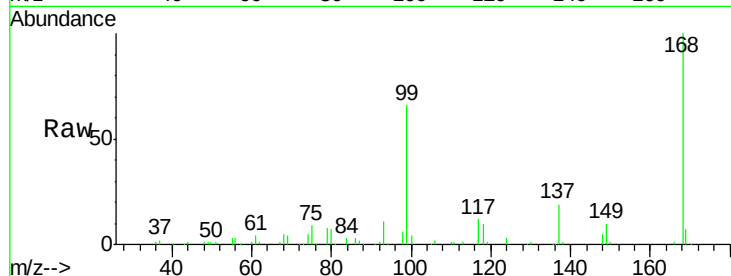
99 65.9 53.0 79.6

Manual Integrations

APPROVED

MMDadoda

9/23/2020 1:06:42 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

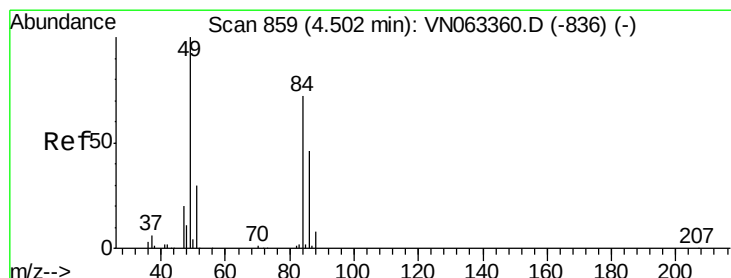
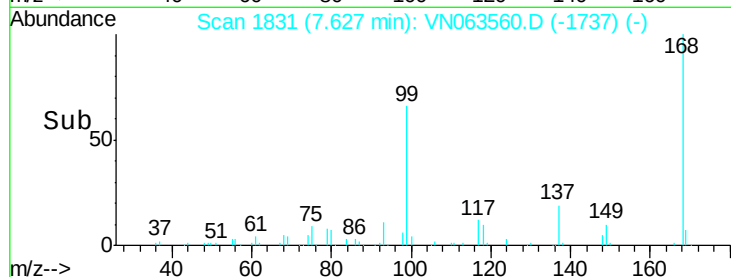
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 1.484 ug/l m

RT: 4.51 min Scan# 862

Delta R.T. 0.01 min

Lab File: VN063560.D

Acq: 23 Sep 2020 3:15

Tgt Ion: 84 Resp: 4208

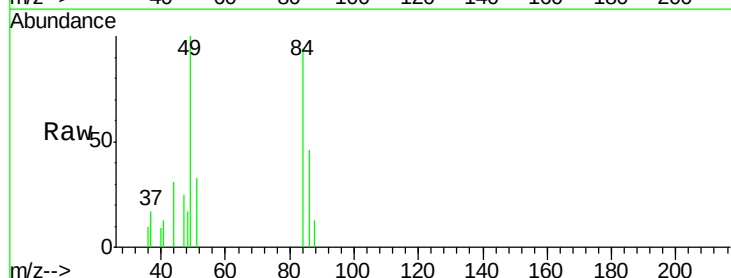
Ion Ratio Lower Upper

84 100

49 106.3 110.7 166.1#

51 34.7 32.9 49.3

86 48.7 51.1 76.7#



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

3000

2500

2000

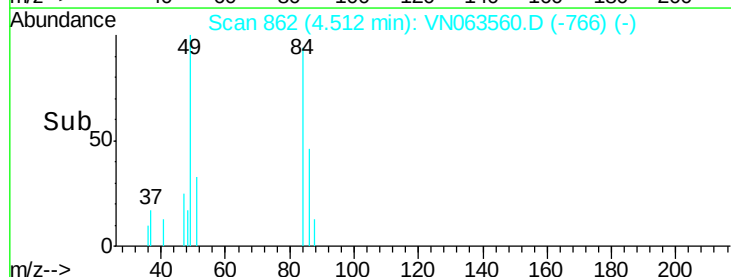
1500

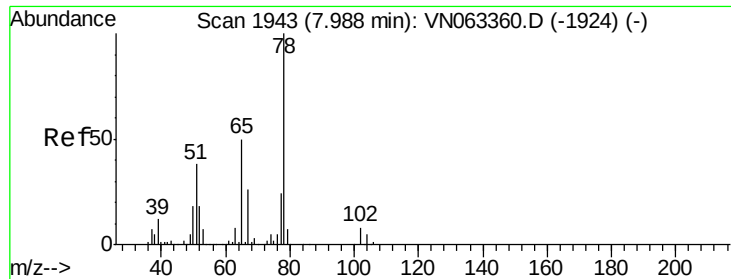
1000

500

0

Time--> 4.45 4.50 4.55





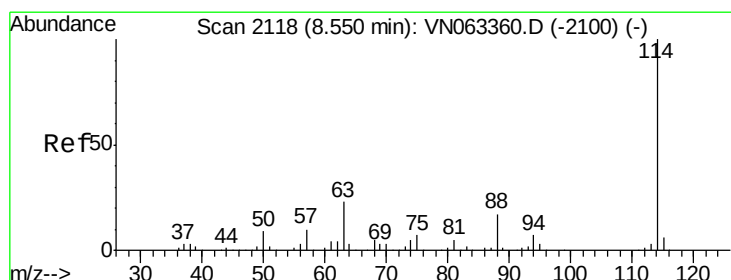
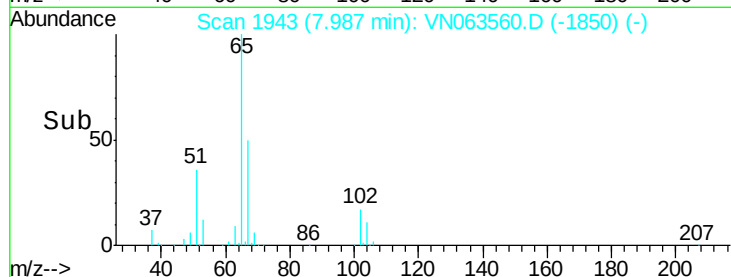
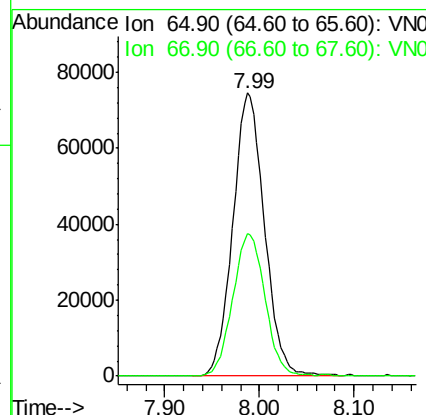
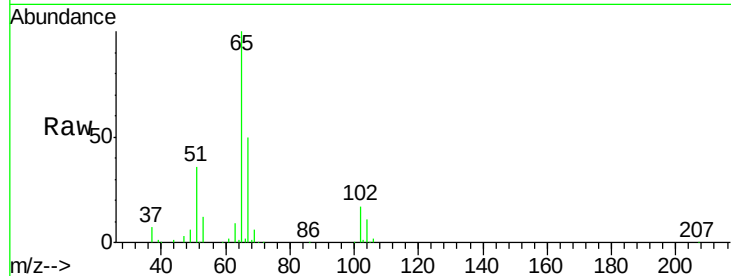
#33
 1,2-Dichloroethane-d4
 Concen: 49.732 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063560.D
 Acq: 23 Sep 2020 3:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131779ZHE#12

Tot Ion	Ratio	Resp	Lower	Upper
65	100	173150		
67	51.1	0.0	104.2	

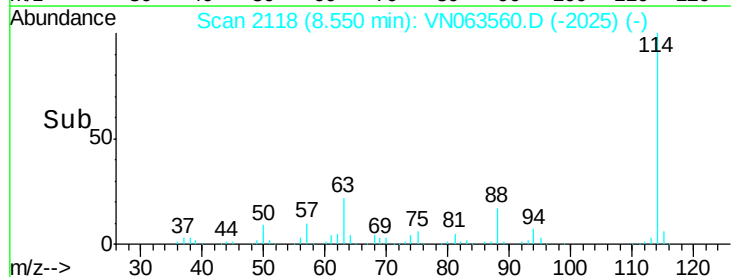
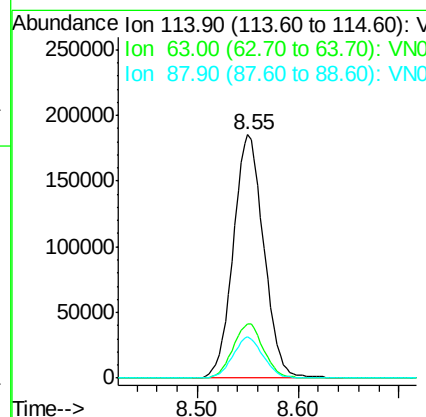
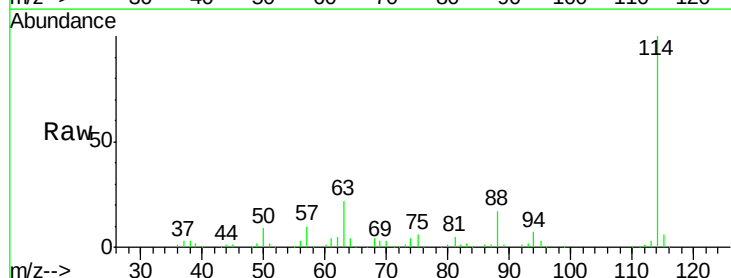
Manual Integrations
 APPROVED

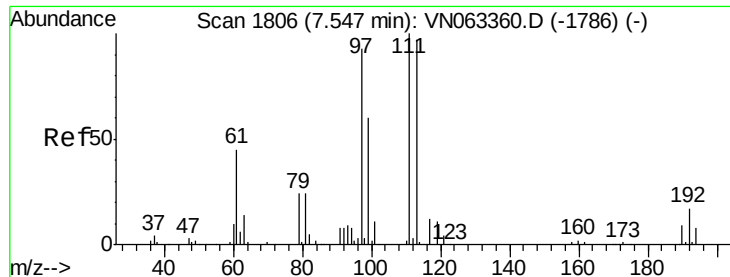
MMDadoda
 9/23/2020 1:06:42 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063560.D
 Acq: 23 Sep 2020 3:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	389297		
63	22.3	0.0	46.4	
88	16.8	0.0	33.2	





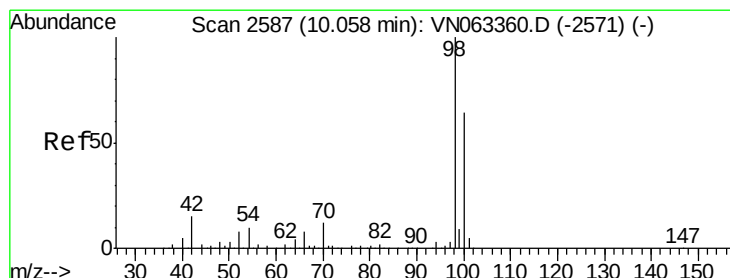
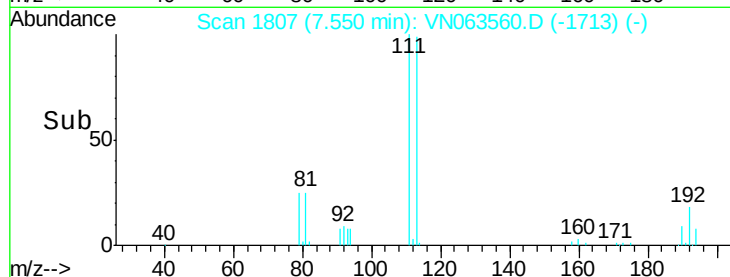
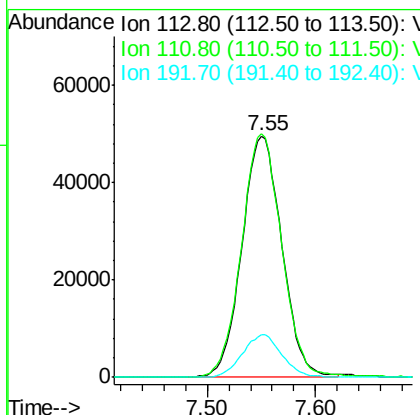
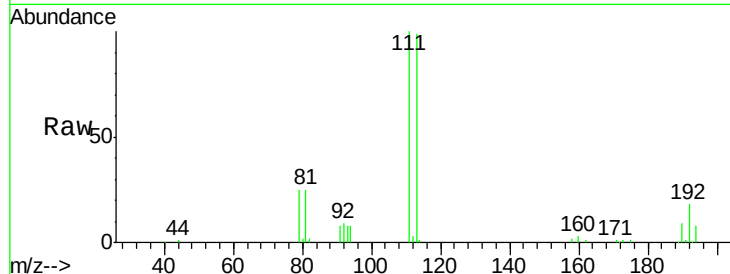
#35
 Dibromofluoromethane
 Concen: 47.246 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063560.D
 Acq: 23 Sep 2020 3:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131779ZHE#12

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127330		
111	101.5	82.9	124.3	
192	17.5	13.9	20.9	

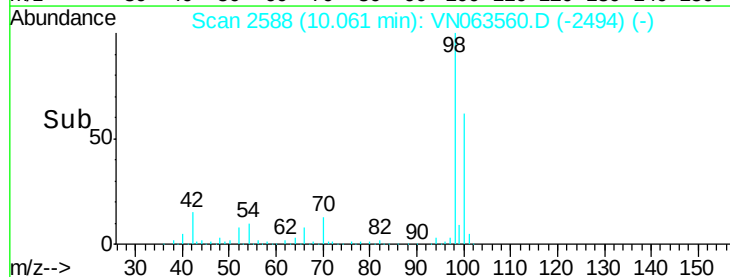
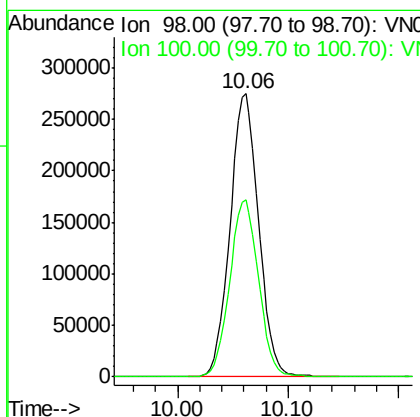
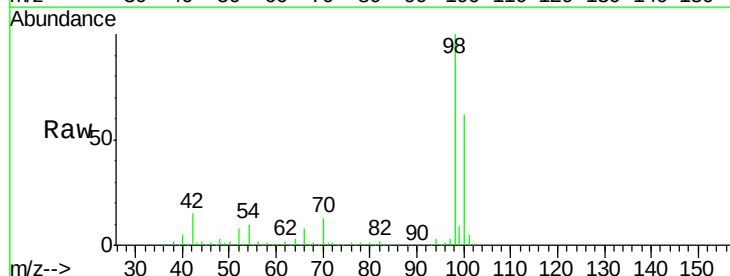
Manual Integrations
 APPROVED

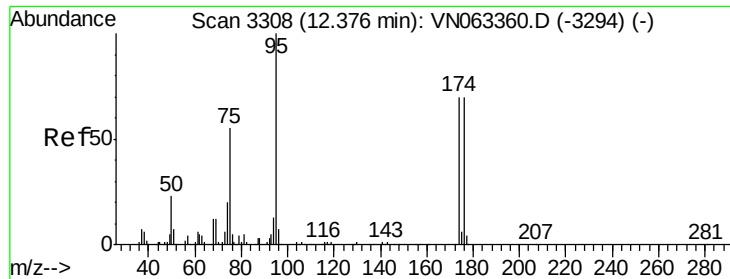
MMDadoda
 9/23/2020 1:06:42 PM



#50
 Toluene-d8
 Concen: 48.780 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063560.D
 Acq: 23 Sep 2020 3:15

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	494330		
100	63.0	50.7	76.1	





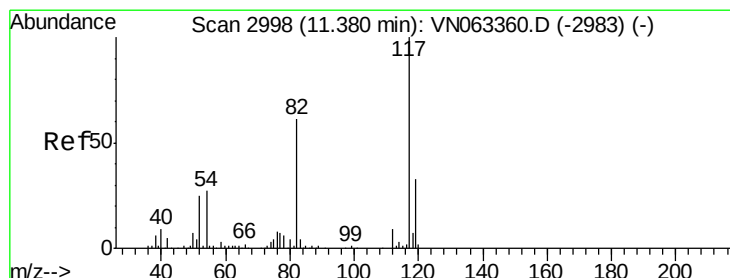
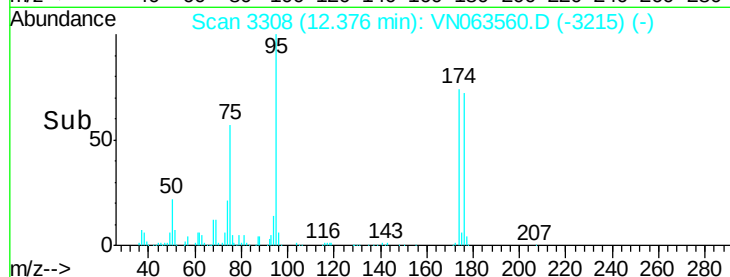
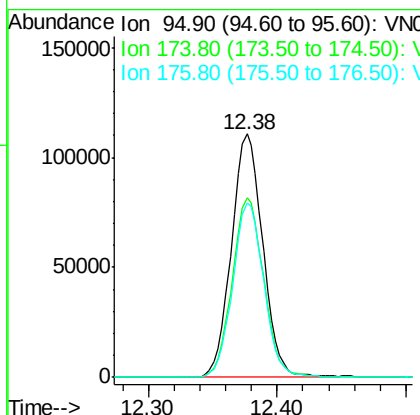
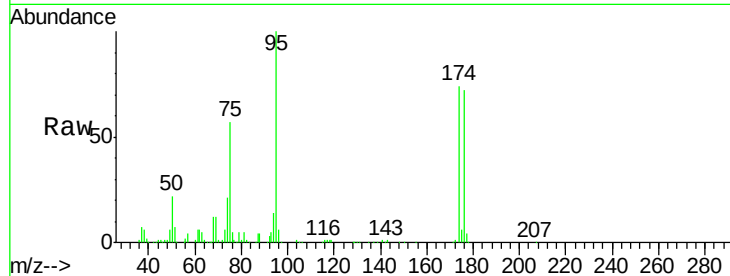
#62
4-Bromofluorobenzene
Concen: 50.286 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063560.D
Acq: 23 Sep 2020 3:15

Instrument :
MSVOA_N
ClientSampleId :
PB131779ZHE#12

Tot Ion	Ratio	Resp	Lower	Upper
95	100	186804		
174	74.1	0.0	140.8	
176	71.2	0.0	137.6	

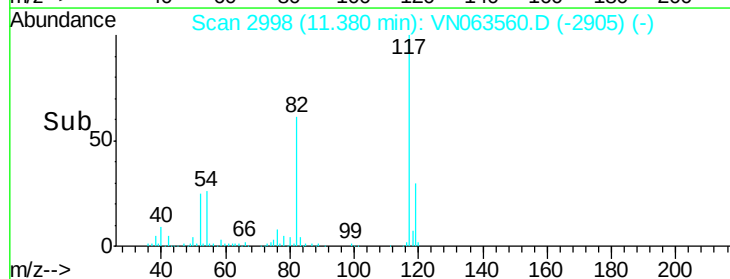
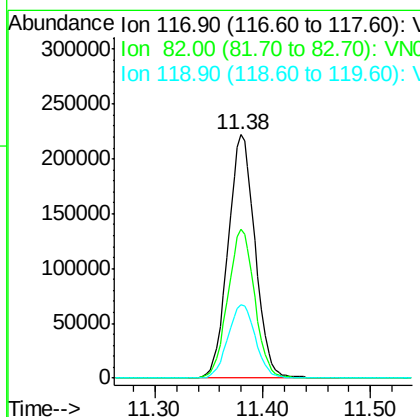
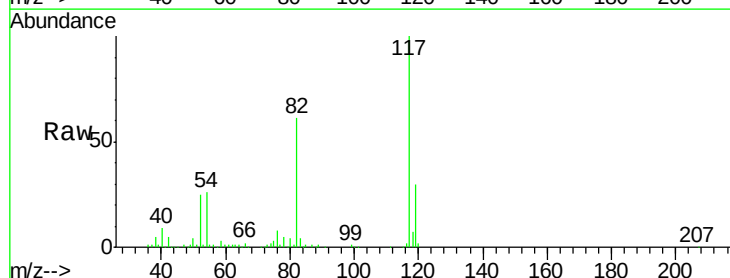
Manual Integrations
APPROVED

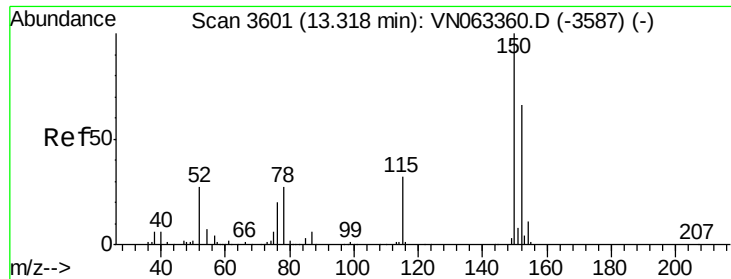
MMDadoda
9/23/2020 1:06:42 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063560.D
Acq: 23 Sep 2020 3:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	387138		
82	61.2	49.2	73.8	
119	29.9	26.2	39.4	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063560.D

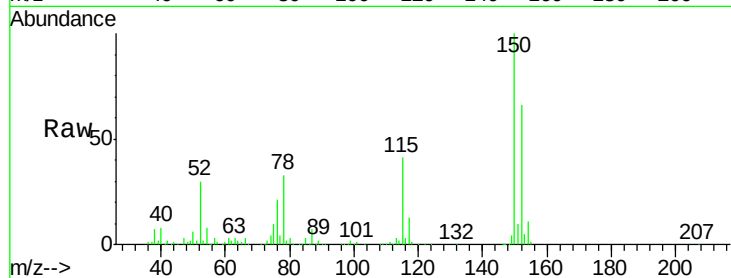
Acq: 23 Sep 2020 3:15

Instrument :

MSVOA_N

ClientSampleId :

PB131779ZHE#12



Tot Ion:152 Resp: 161633

Ion Ratio Lower Upper

152 100

115 63.4 32.2 96.6

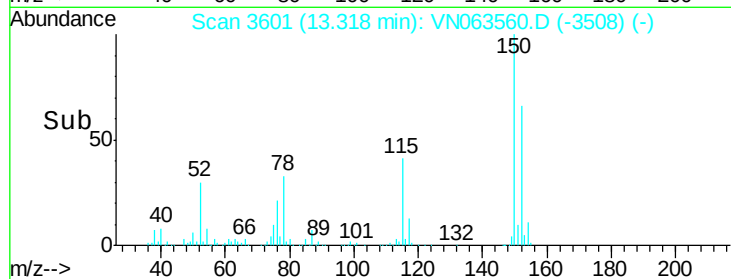
150 154.7 0.0 343.4

Manual Integrations

APPROVED

MMDadoda

9/23/2020 1:06:42 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

200000

150000

100000

50000

0

13.32

13.30

13.40

Time-->