

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063876.D
 Acq On : 5 Oct 2020 17:20
 Operator : JC/MD
 Sample : PB132063ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#08

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:57:00 PM

Quant Time: Oct 06 03:24:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	227935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	441741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	448637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	201508	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
35) Dibromofluoromethane	7.55	113	143455	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	10.06	98	568716	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	12.38	95	216054	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
Target Compounds						
16) Acetone	3.78	43	11094	9.571	ug/l #	83
18) Methyl Acetate	4.30	43	3964m	1.317	ug/l	
20) Methylene Chloride	4.51	84	9996	3.855	ug/l	86
43) Isopropyl Acetate	8.13	43	86819	11.838	ug/l	99

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

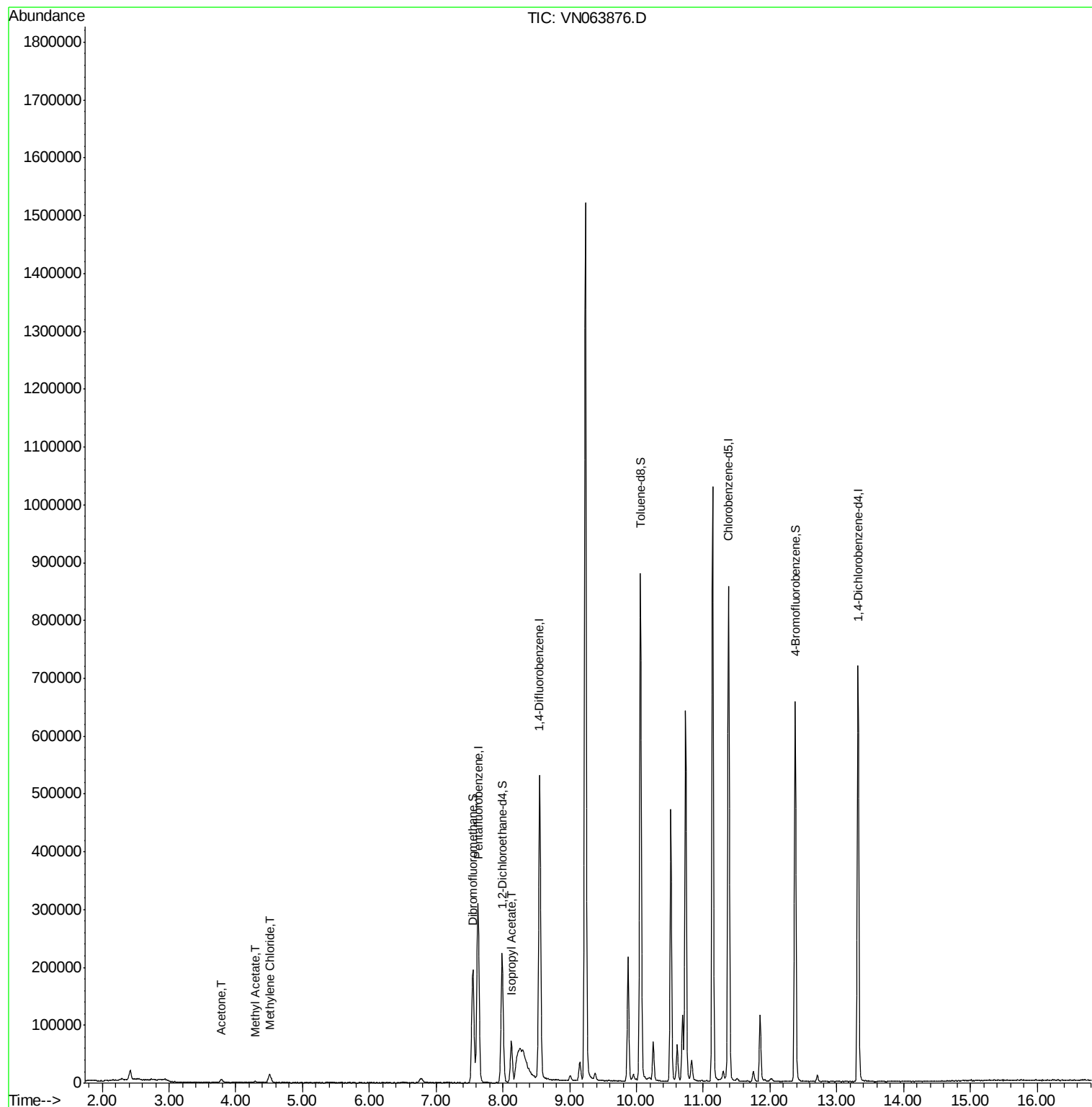
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100520\
Data File : VN063876.D
Acq On : 5 Oct 2020 17:20
Operator : JC/MD
Sample : PB132063ZHE#08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

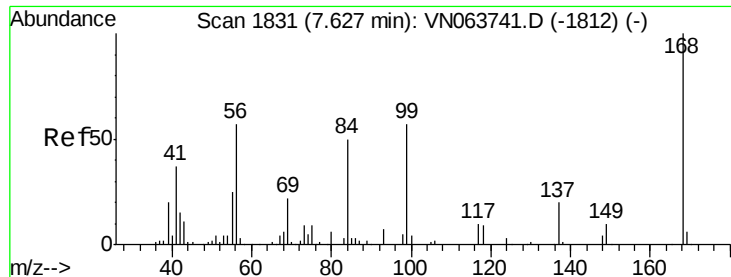
Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#08

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:57:00 PM

Quant Time: Oct 06 03:24:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063876.D

Acq: 5 Oct 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#08

Tot Ion:168 Resp: 227935

Ion Ratio Lower Upper

168 100

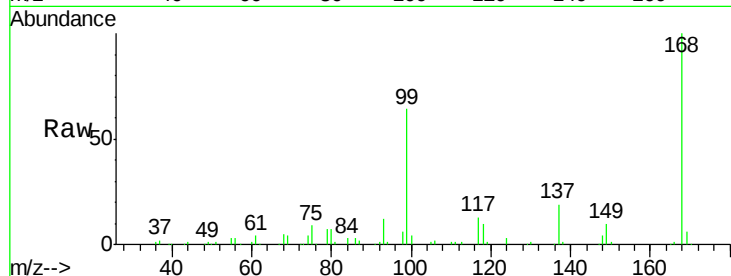
99 64.2 51.8 77.6

Manual Integrations

APPROVED

MMDadoda

10/6/2020 12:57:00 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

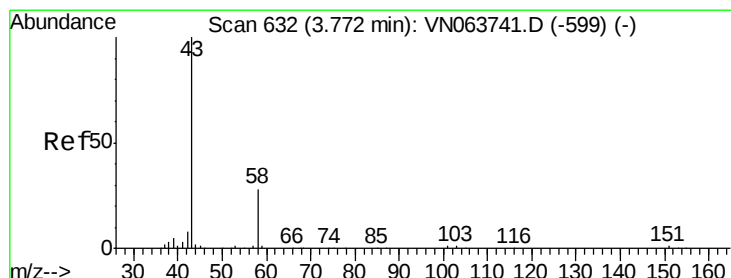
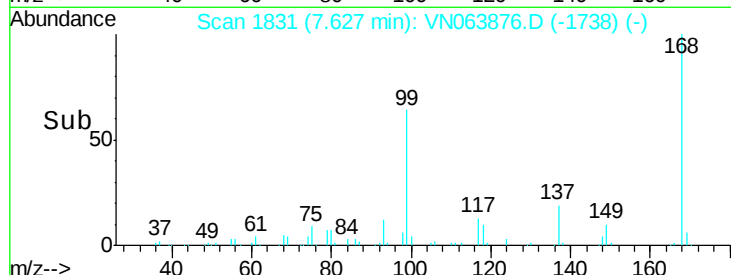
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.571 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063876.D

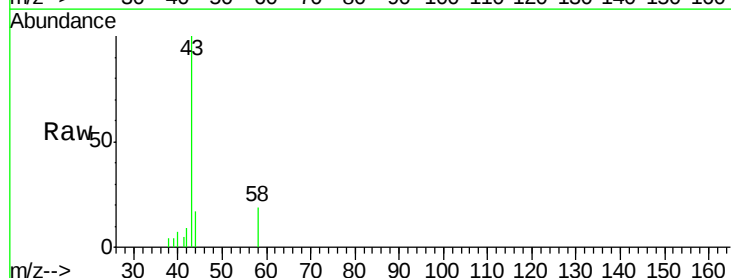
Acq: 5 Oct 2020 17:20

Tgt Ion: 43 Resp: 11094

Ion Ratio Lower Upper

43 100

58 18.8 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

4000

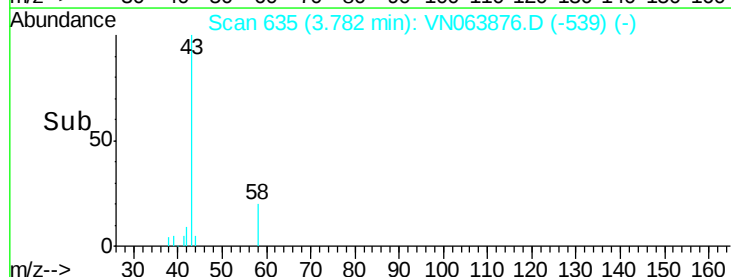
3000

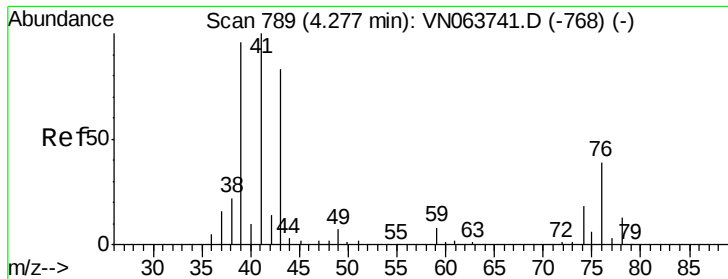
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





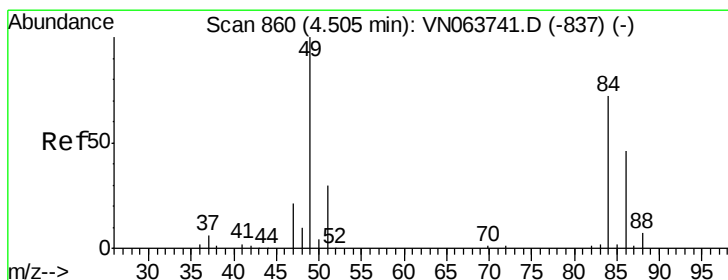
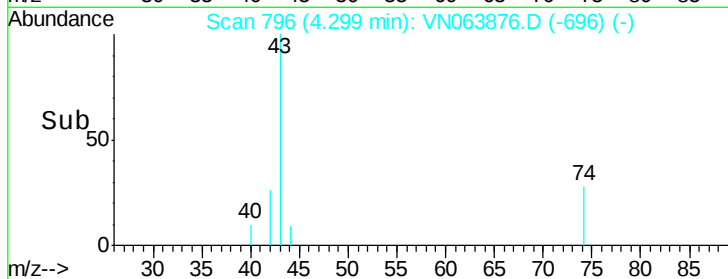
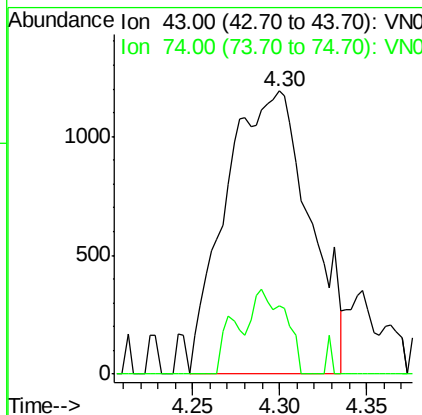
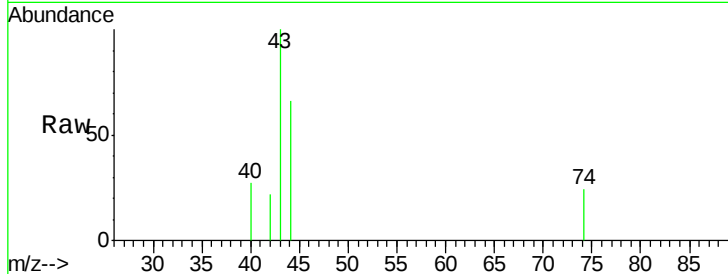
#18
Methyl Acetate
Concen: 1.317 ug/l m
RT: 4.30 min Scan# 796
Delta R.T. 0.02 min
Lab File: VN063876.D
Acq: 5 Oct 2020 17:20

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#08

Tot Ion: 43 Resp: 3964
Ion Ratio Lower Upper
43 100
74 11.8 17.4 26.2#

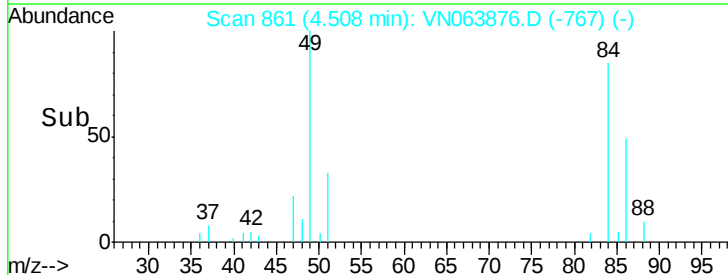
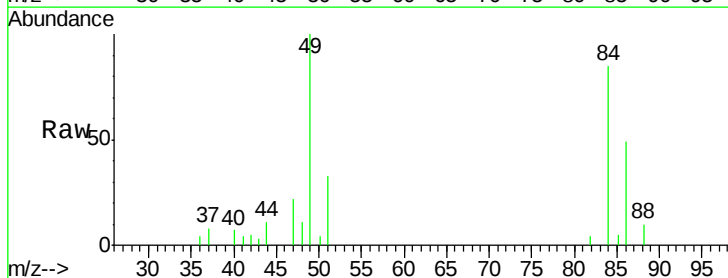
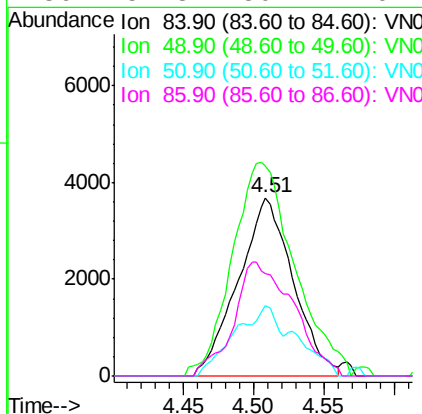
Manual Integrations
APPROVED

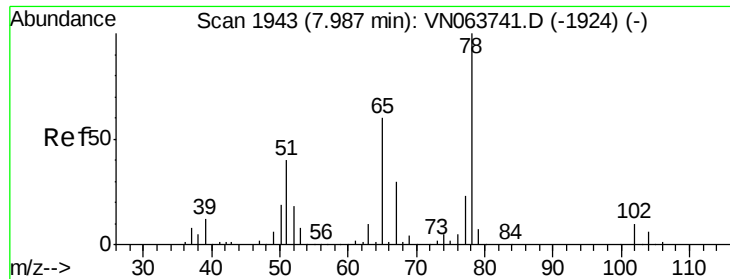
MMDadoda
10/6/2020 12:57:00 PM



#20
Methylene Chloride
Concen: 3.855 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063876.D
Acq: 5 Oct 2020 17:20

Tgt Ion: 84 Resp: 9996
Ion Ratio Lower Upper
84 100
49 113.1 110.4 165.6
51 39.4 33.3 49.9
86 57.8 50.7 76.1





#33

1,2-Dichloroethane-d4

Concen: 53.512 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063876.D

Acq: 5 Oct 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#08

Tot Ion: 65 Resp: 201508

Ion Ratio Lower Upper

65 100

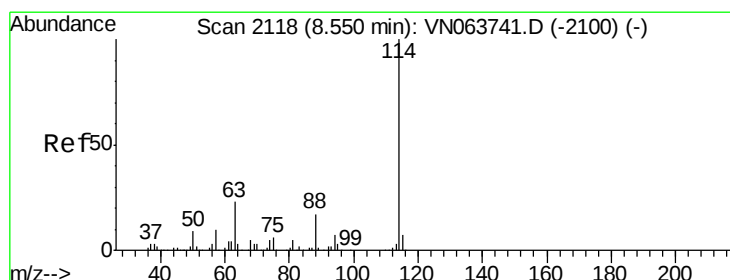
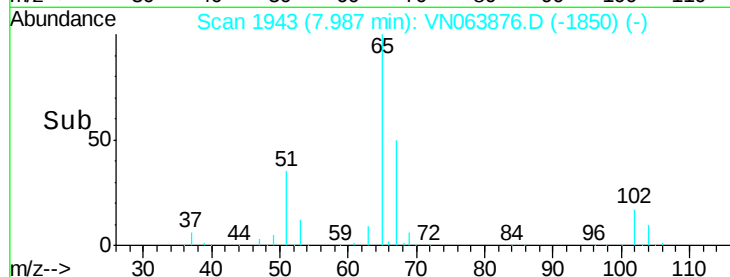
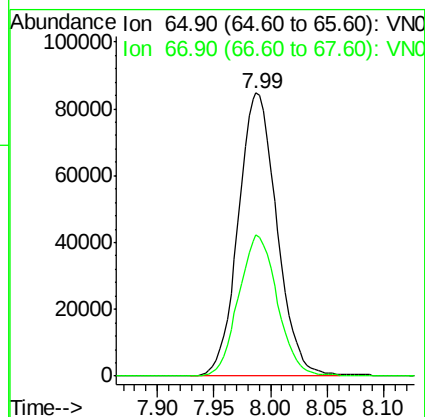
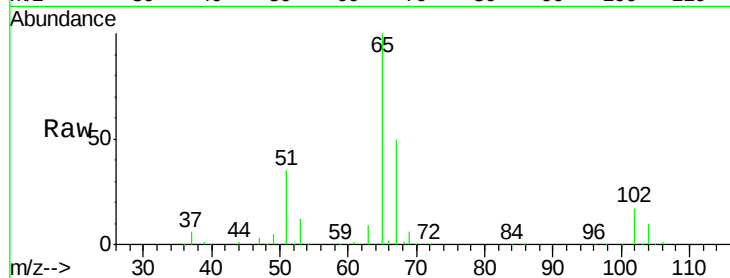
67 50.0 0.0 99.6

Manual Integrations

APPROVED

MMDadoda

10/6/2020 12:57:00 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063876.D

Acq: 5 Oct 2020 17:20

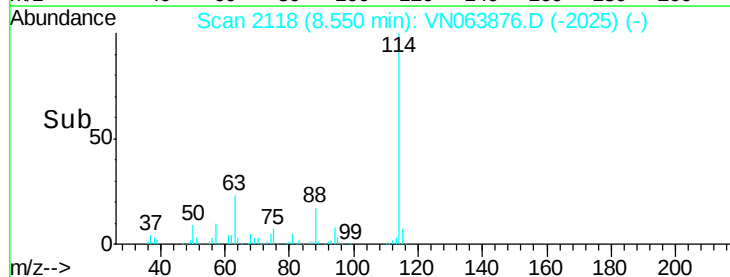
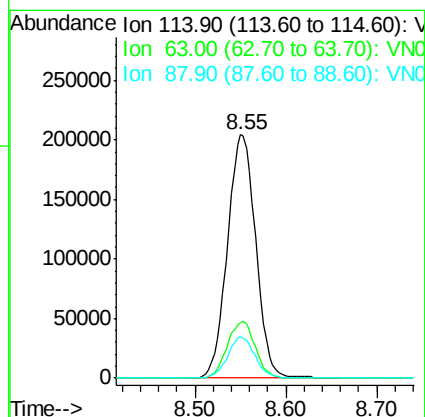
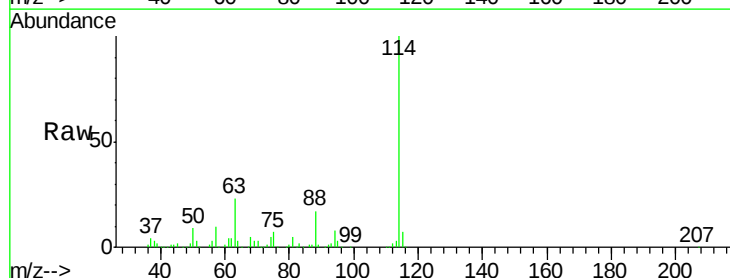
Tgt Ion: 114 Resp: 441741

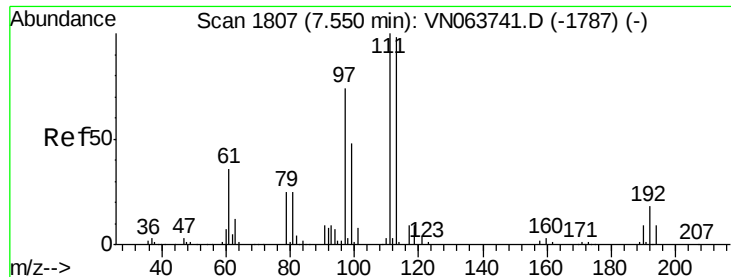
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.9 0.0 34.0





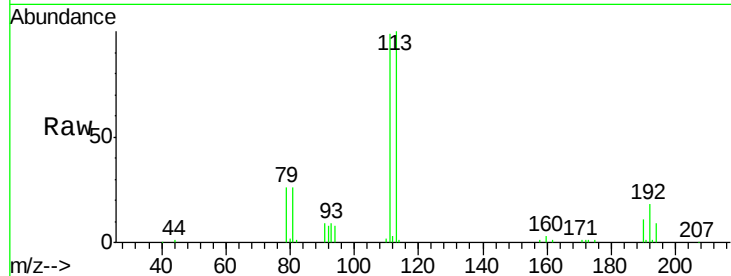
#35
 Dibromofluoromethane
 Concen: 46.802 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063876.D
 Acq: 5 Oct 2020 17:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#08

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.6	81.8	122.8	
192	18.4	14.2	21.2	

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:57:00 PM

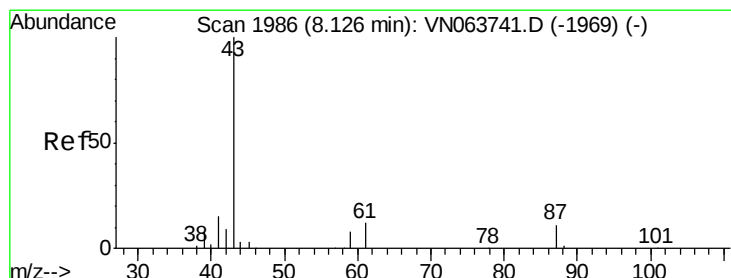
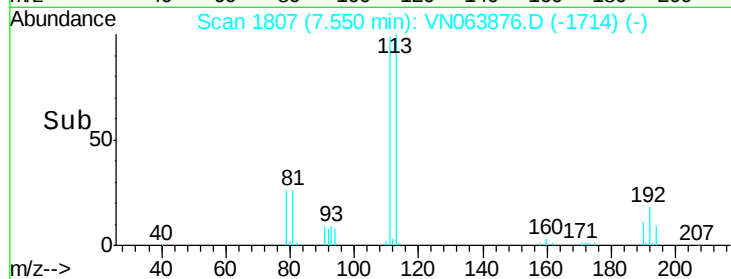
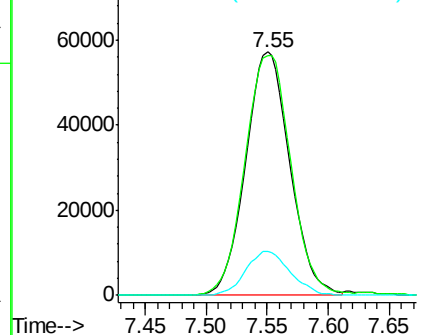


Abundance

Ion 112.80 (112.50 to 113.50): V

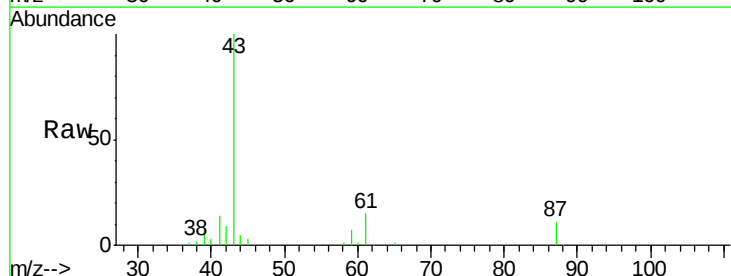
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43
 Isopropyl Acetate
 Concen: 11.838 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063876.D
 Acq: 5 Oct 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	17.3	14.2	21.4	
87	11.2	9.0	13.6	

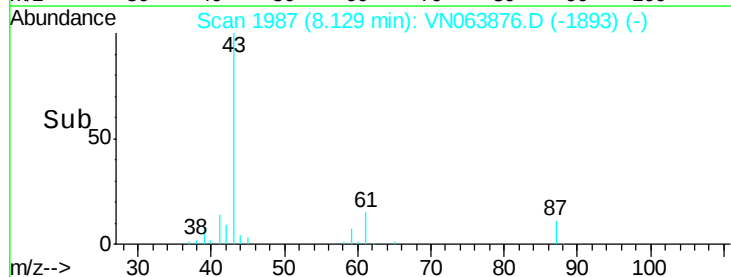
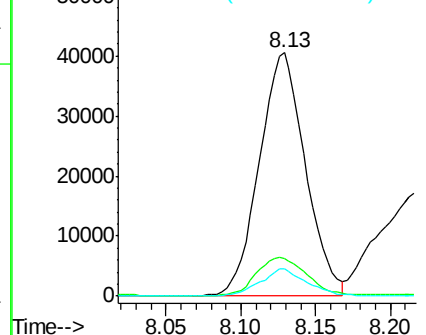


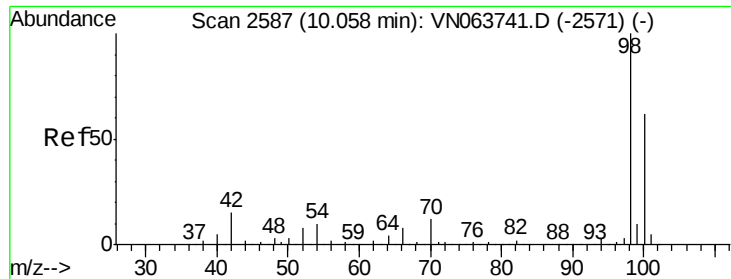
Abundance

Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





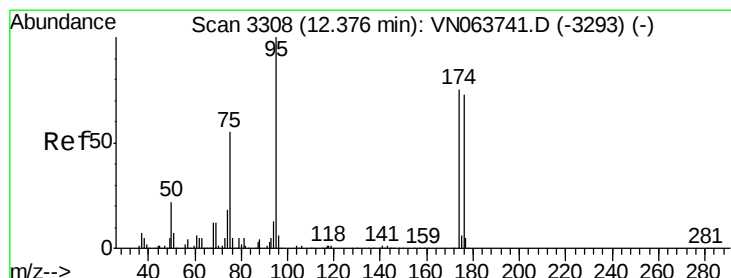
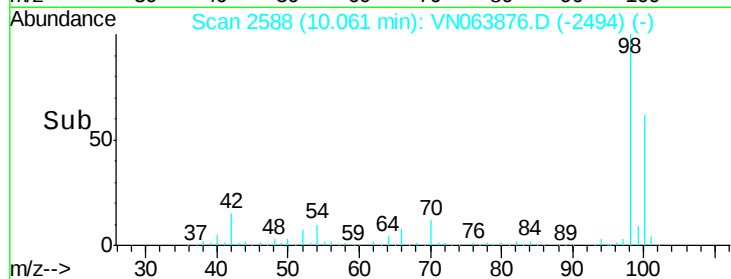
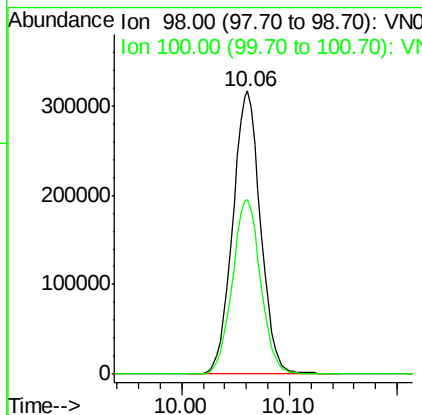
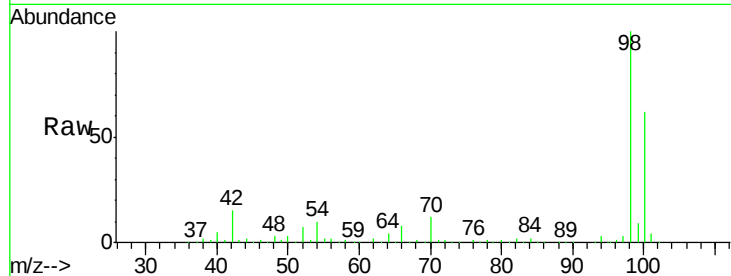
#50
Toluene-d8
Concen: 48.945 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063876.D
Acq: 5 Oct 2020 17:20

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#08

Tot Ion: 98 Resp: 568716
Ion Ratio Lower Upper
98 100
100 62.7 49.8 74.6

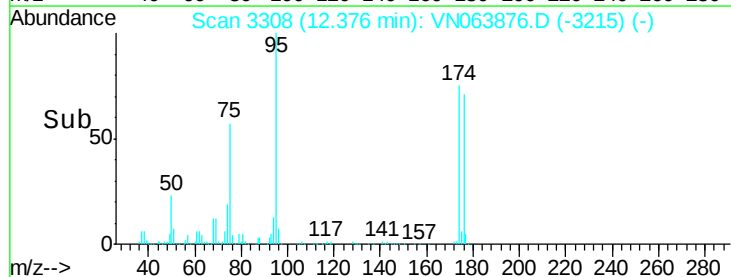
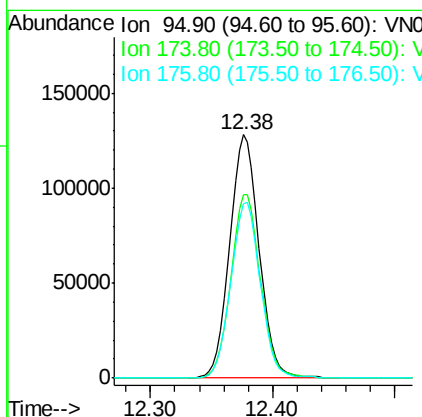
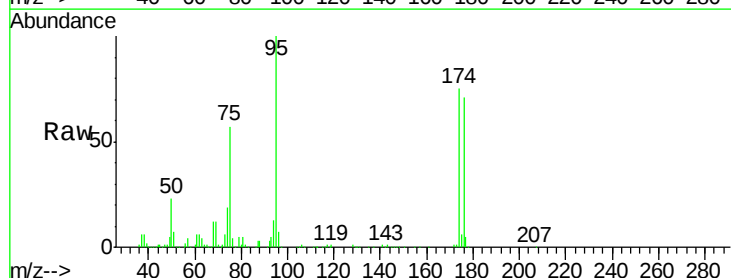
Manual Integrations
APPROVED

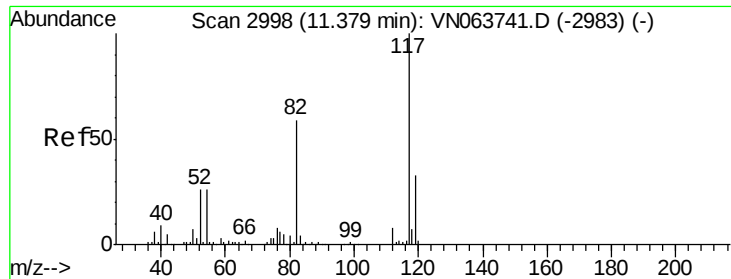
MMDadoda
10/6/2020 12:57:00 PM



#62
4-Bromofluorobenzene
Concen: 49.464 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063876.D
Acq: 5 Oct 2020 17:20

Tgt Ion: 95 Resp: 216054
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.6
176 72.4 0.0 145.4





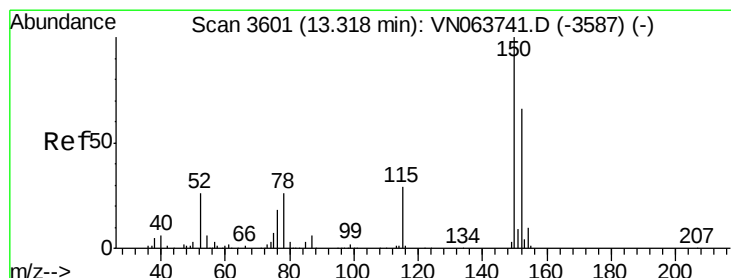
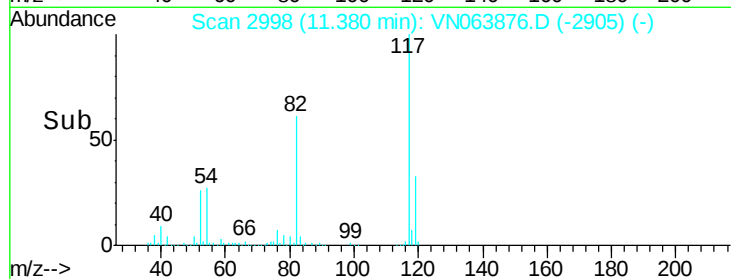
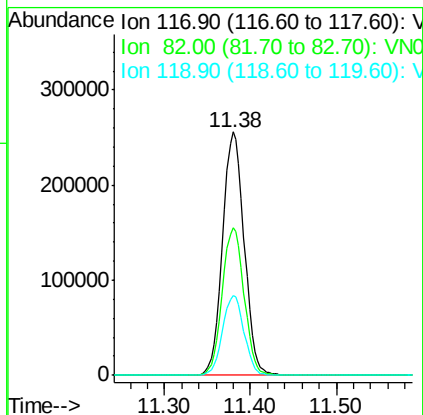
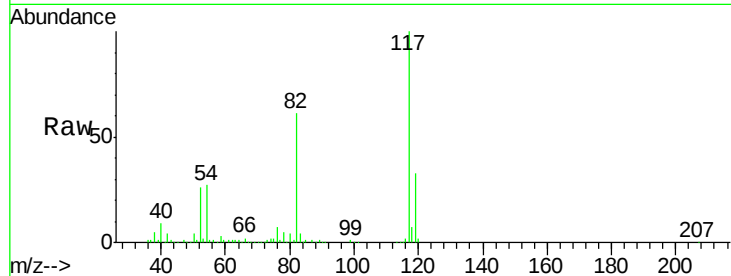
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063876.D
Acq: 5 Oct 2020 17:20

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#08

Tot Ion	Ratio	Resp	Lower	Upper
117	100	448637		
82	60.7	47.4	71.2	
119	32.9	26.4	39.6	

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:57:00 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063876.D
Acq: 5 Oct 2020 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	176986		
115	62.1	31.3	93.8	
150	157.7	0.0	341.8	

