

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064244.D
 Acq On : 22 Oct 2020 3:50
 Operator : JC/MD
 Sample : PB132513ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132513ZHE#09

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:10:53 PM

Quant Time: Oct 22 05:58:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	262549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	458607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	459722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	204010	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
35) Dibromofluoromethane	7.55	113	149009	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.06	98	583697	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.38	95	262057	58.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.90%	
Target Compounds						
16) Acetone	3.79	43	10271	9.207	ug/l	97
18) Methyl Acetate	4.29	43	4402m	1.548	ug/l	
20) Methylene Chloride	4.50	84	7461	2.508	ug/l	94
43) Isopropyl Acetate	8.13	43	92391	11.942	ug/l #	90

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

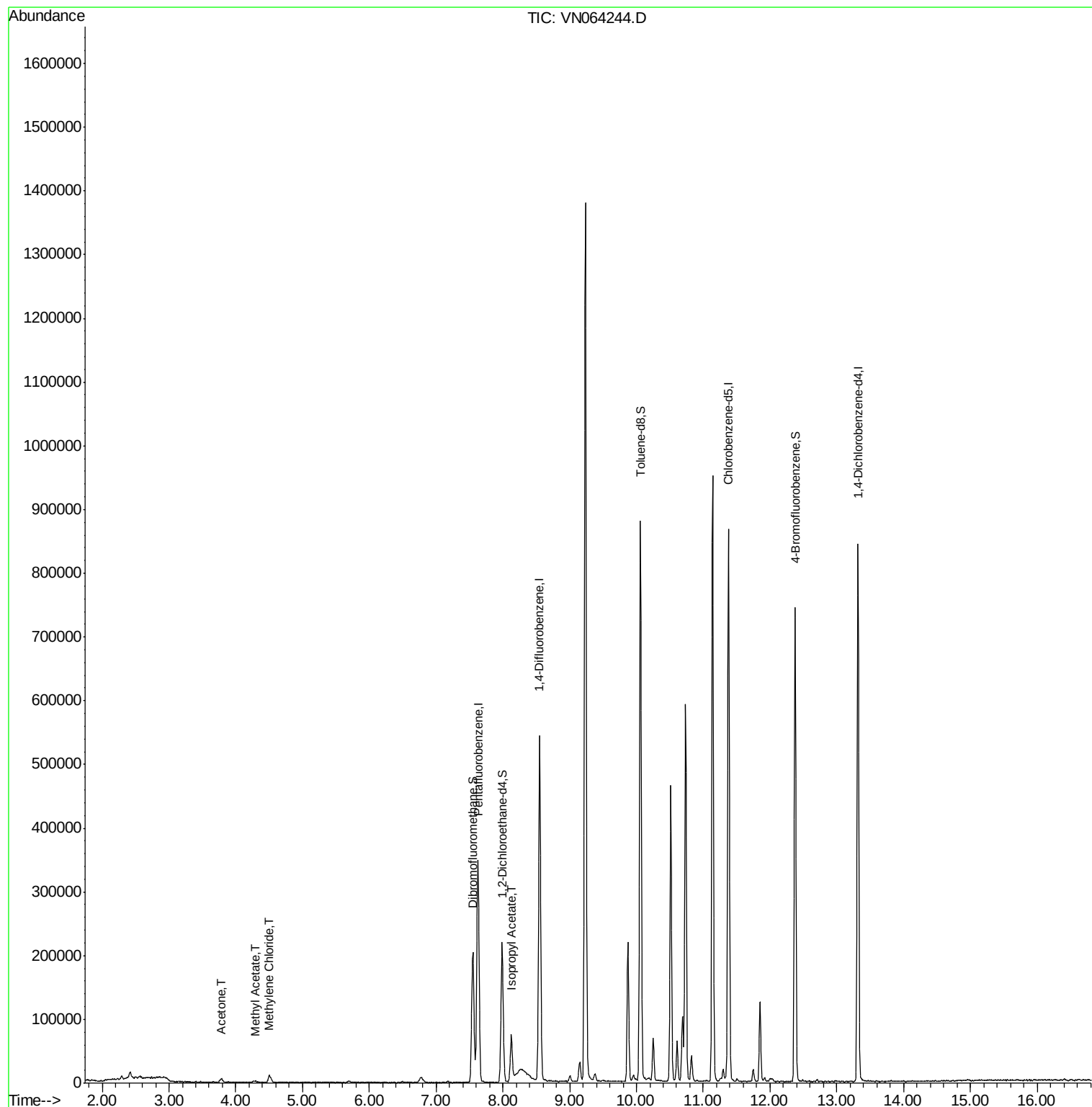
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102120\
Data File : VN064244.D
Acq On : 22 Oct 2020 3:50
Operator : JC/MD
Sample : PB132513ZHE#09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 39 Sample Multiplier: 1

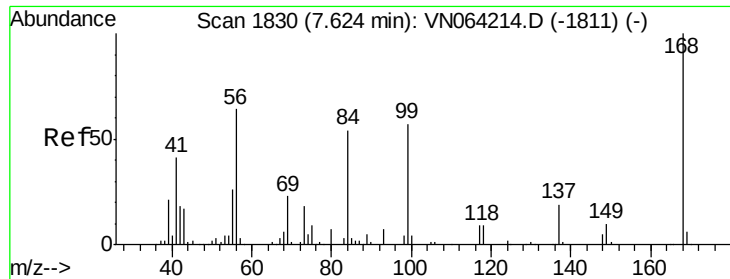
Instrument :
MSVOA_N
ClientSampleId :
PB132513ZHE#09

Manual Integrations
APPROVED

MMDadoda
10/23/2020 2:10:53 PM

Quant Time: Oct 22 05:58:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 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: VN064244.D

Acq: 22 Oct 2020 3:50

Instrument :

MSVOA_N

ClientSampleId :

PB132513ZHE#09

Tot Ion:168 Resp: 262549

Ion Ratio Lower Upper

168 100

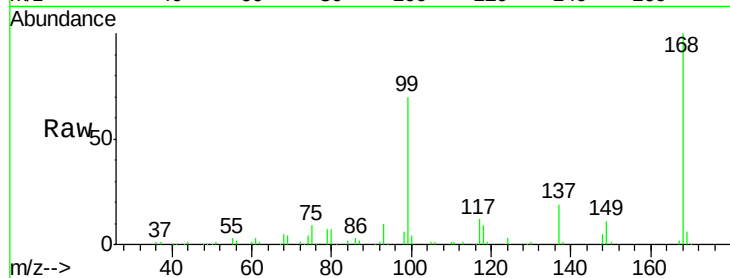
99 69.7 54.0 81.0

Manual Integrations

APPROVED

MMDadoda

10/23/2020 2:10:53 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

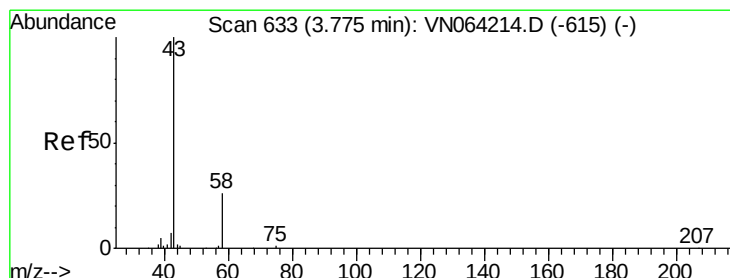
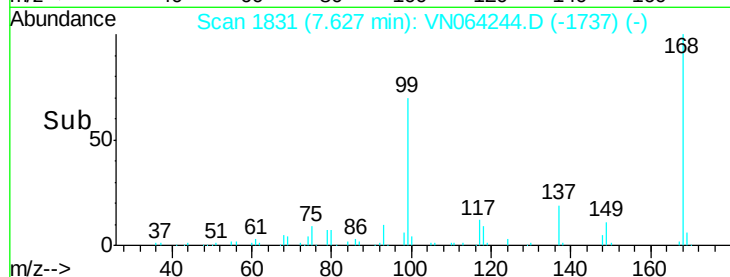
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 9.207 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064244.D

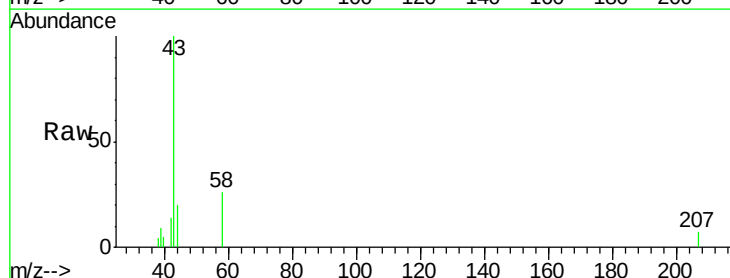
Acq: 22 Oct 2020 3:50

Tgt Ion: 43 Resp: 10271

Ion Ratio Lower Upper

43 100

58 28.0 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

4000

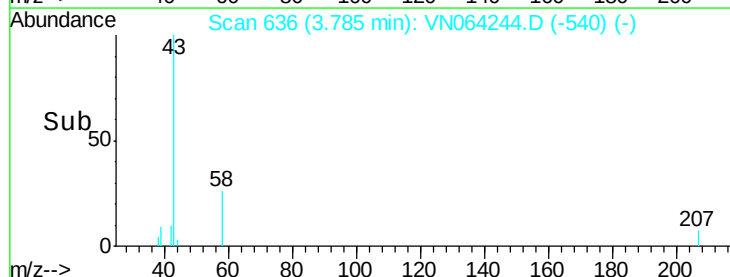
3000

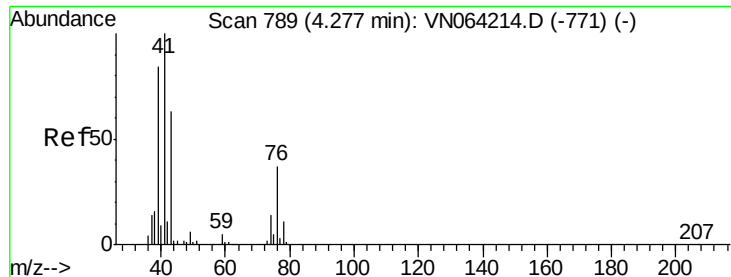
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#18

Methyl Acetate

Concen: 1.548 ug/l m

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064244.D

Acq: 22 Oct 2020 3:50

Instrument :

MSVOA_N

ClientSampleId :

PB132513ZHE#09

Tot Ion: 43 Resp: 4402

Ion Ratio Lower Upper

43 100

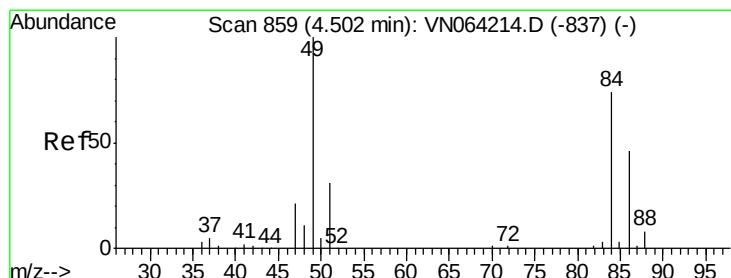
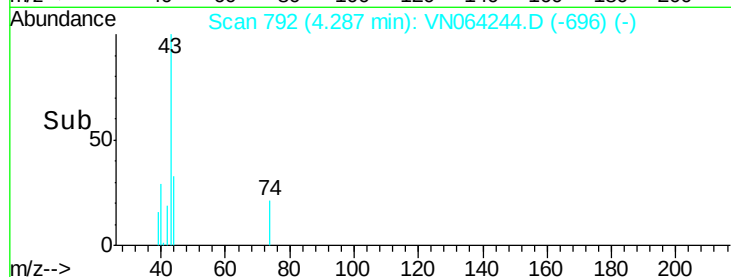
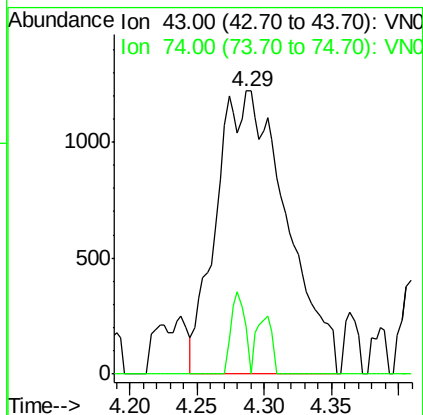
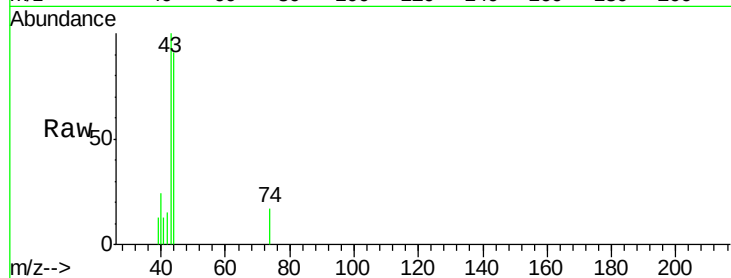
74 5.7 17.9 26.9#

Manual Integrations

APPROVED

MMDadoda

10/23/2020 2:10:53 PM



#20

Methylene Chloride

Concen: 2.508 ug/l

RT: 4.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN064244.D

Acq: 22 Oct 2020 3:50

Tgt Ion: 84 Resp: 7461

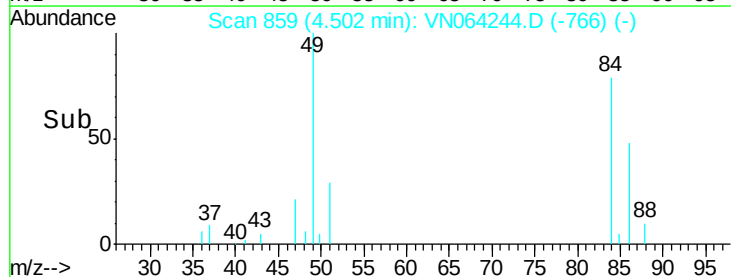
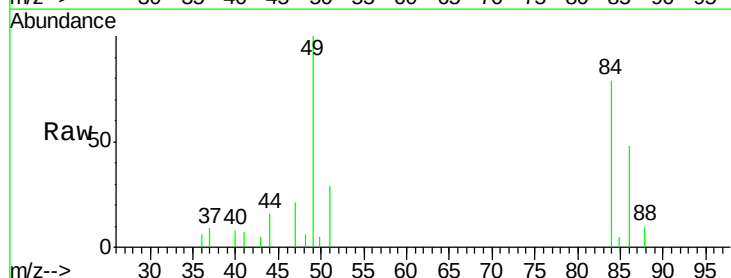
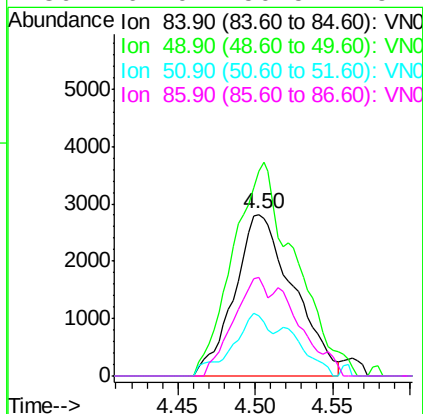
Ion Ratio Lower Upper

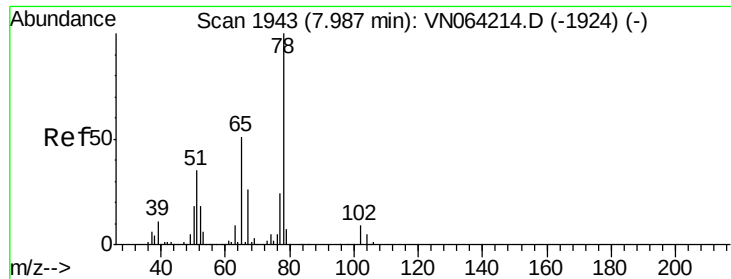
84 100

49 126.4 108.5 162.7

51 37.1 33.8 50.8

86 61.0 50.5 75.7





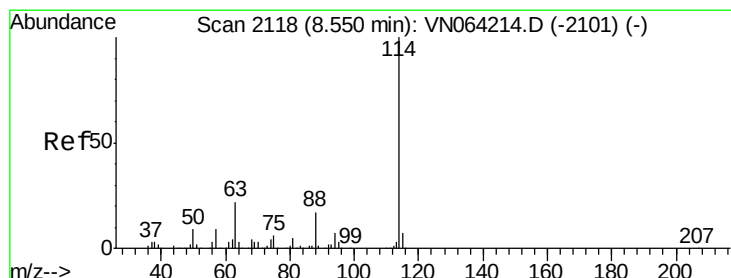
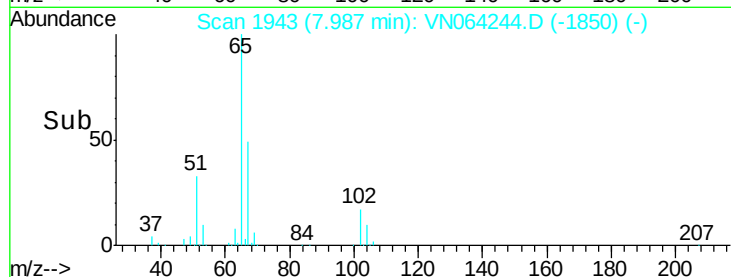
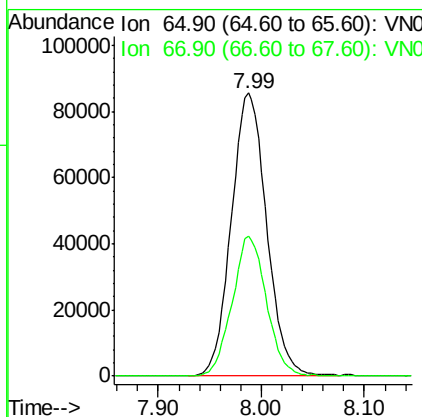
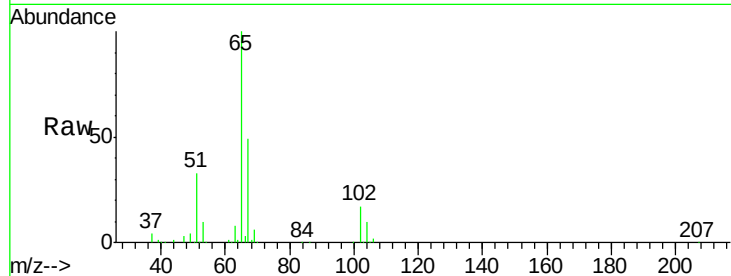
#33
 1,2-Dichloroethane-d4
 Concen: 52.323 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064244.D
 Acq: 22 Oct 2020 3:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132513ZHE#09

Tot Ion	Ratio	Resp	Lower	Upper
65	100	204010		
67	47.7	0.0	100.2	

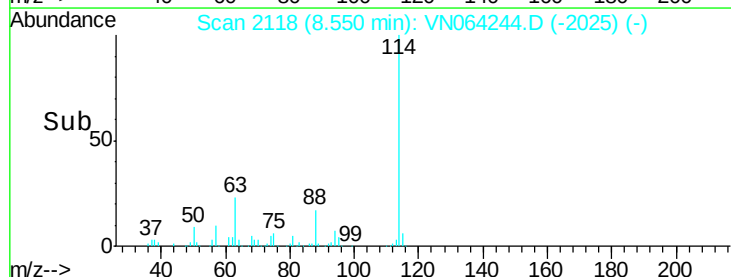
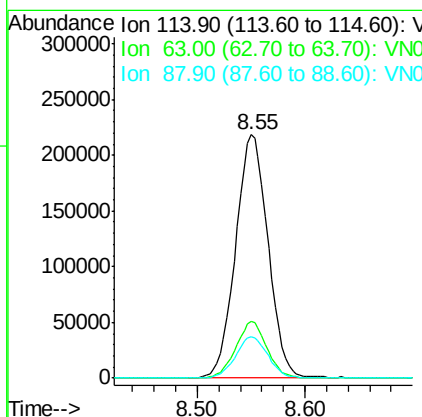
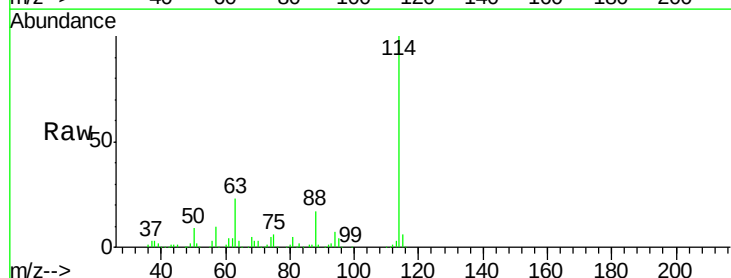
Manual Integrations
 APPROVED

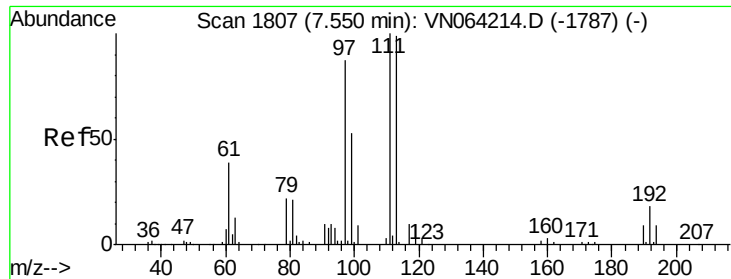
MMDadoda
 10/23/2020 2:10:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064244.D
 Acq: 22 Oct 2020 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	458607		
63	23.2	0.0	44.0	
88	17.0	0.0	34.2	





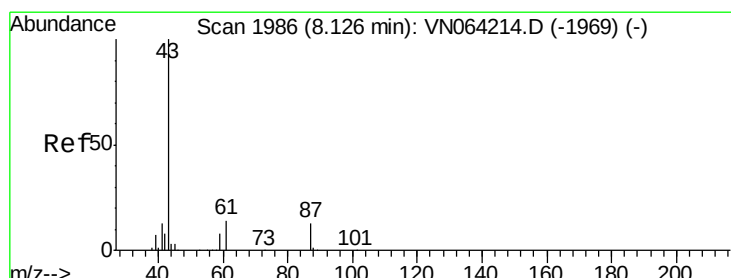
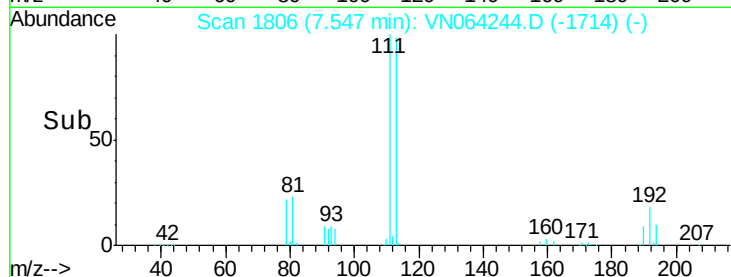
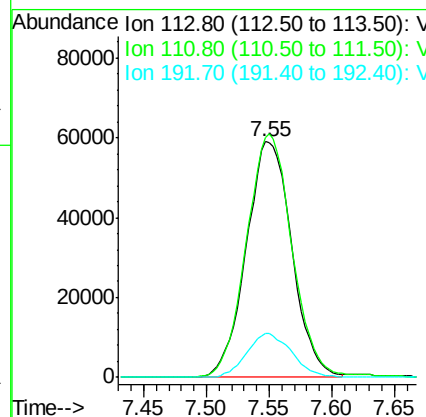
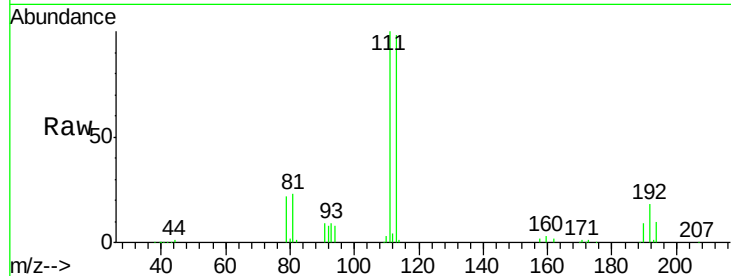
#35
 Dibromofluoromethane
 Concen: 48.871 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064244.D
 Acq: 22 Oct 2020 3:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132513ZHE#09

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149009		
111	103.2		84.2	126.2
192	18.4		15.2	22.8

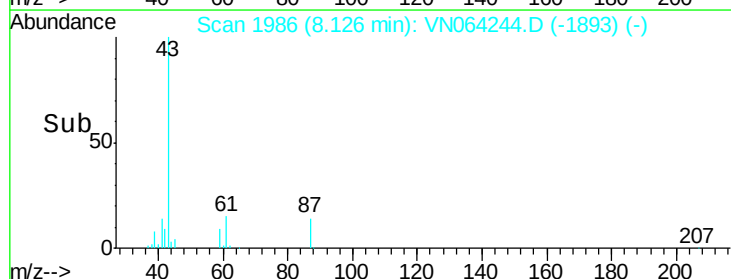
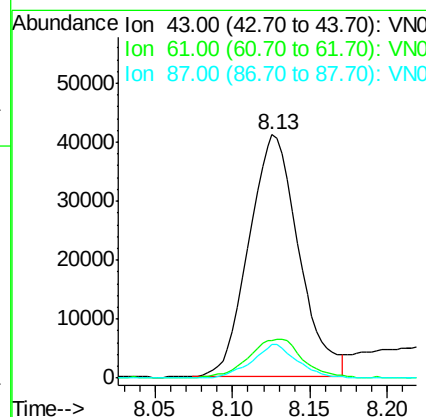
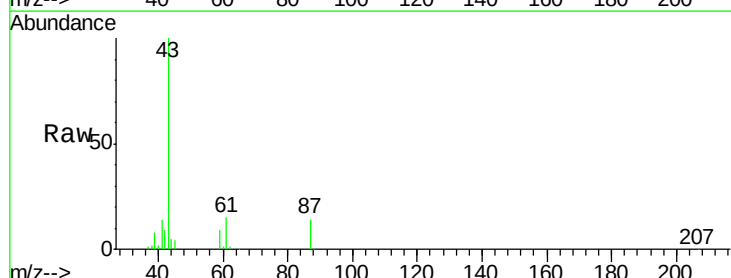
Manual Integrations
 APPROVED

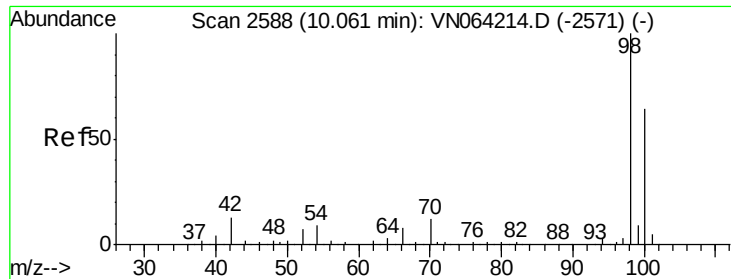
MMDadoda
 10/23/2020 2:10:53 PM



#43
 Isopropyl Acetate
 Concen: 11.942 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN064244.D
 Acq: 22 Oct 2020 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	92391		
61	17.3		19.6	29.4#
87	12.6		9.8	14.6





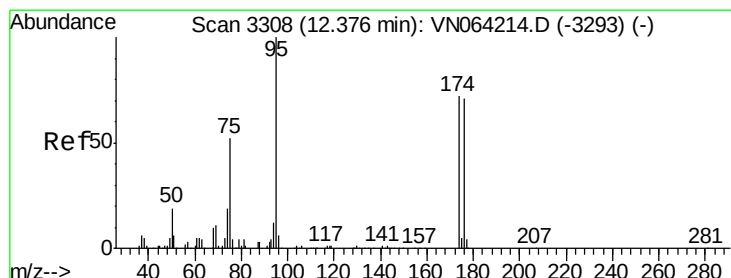
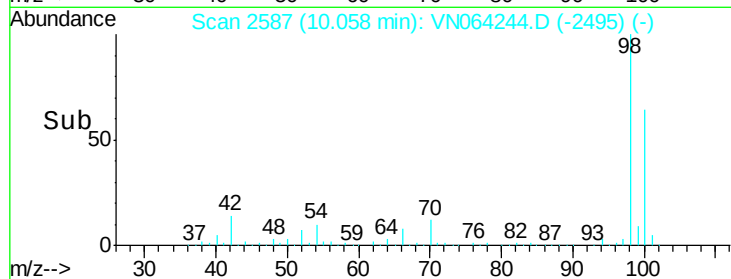
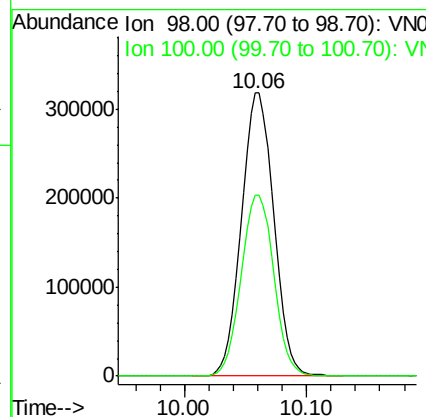
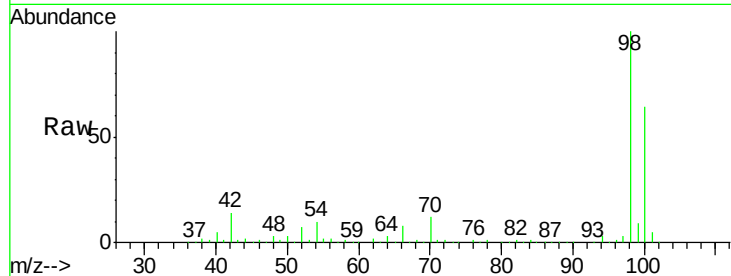
#50
Toluene-d8
Concen: 52.773 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064244.D
Acq: 22 Oct 2020 3:50

Instrument :
MSVOA_N
ClientSampleId :
PB132513ZHE#09

Tot Ion: 98 Resp: 583697
Ion Ratio Lower Upper
98 100
100 64.3 50.8 76.2

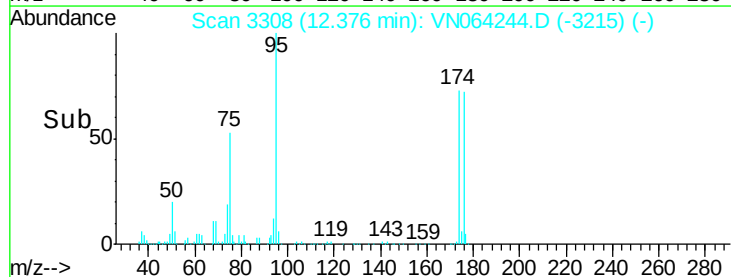
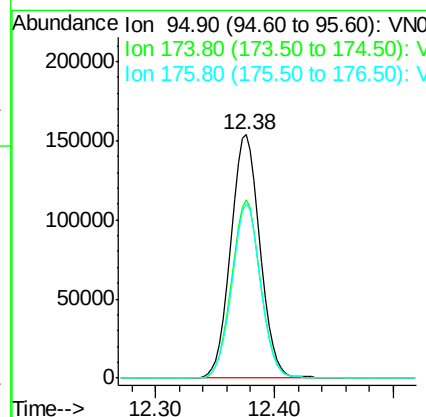
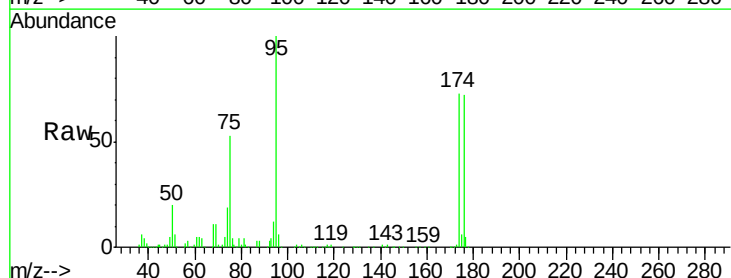
Manual Integrations
APPROVED

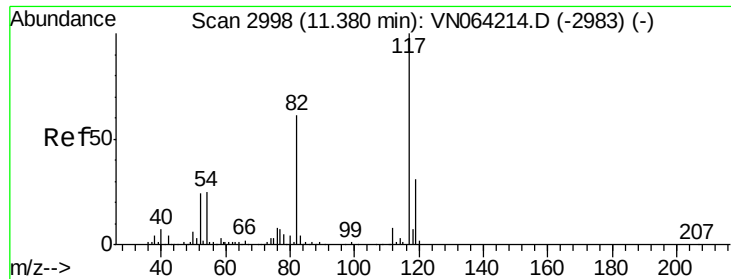
MMDadoda
10/23/2020 2:10:53 PM



#62
4-Bromofluorobenzene
Concen: 58.445 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064244.D
Acq: 22 Oct 2020 3:50

Tgt Ion: 95 Resp: 262057
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.4
176 70.1 0.0 139.2





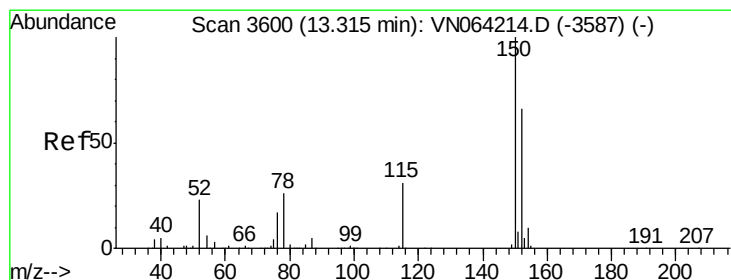
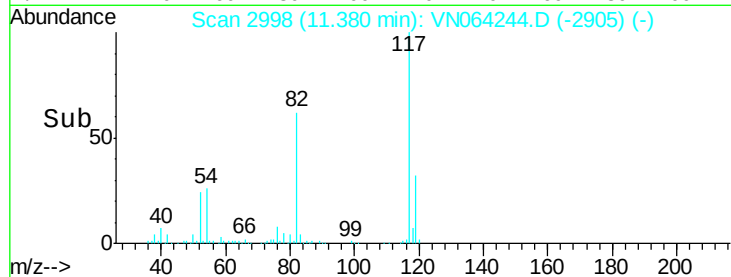
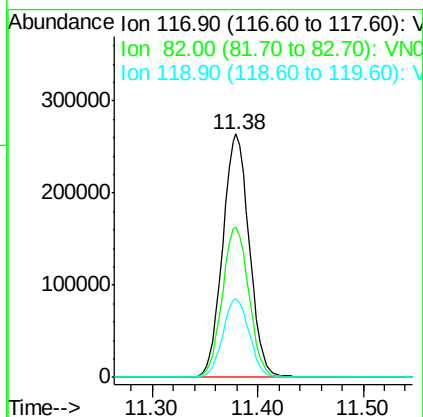
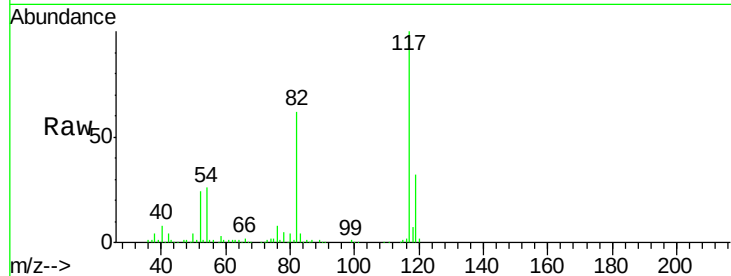
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064244.D
Acq: 22 Oct 2020 3:50

Instrument :
MSVOA_N
ClientSampleId :
PB132513ZHE#09

Tot Ion	Ratio	Resp	Lower	Upper
117	100	459722		
82	61.8	48.8	73.2	
119	32.5	24.7	37.1	

Manual Integrations
APPROVED

MMDadoda
10/23/2020 2:10:53 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: VN064244.D
Acq: 22 Oct 2020 3:50

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	210763		
115	64.8	32.0	96.2	
150	161.7	0.0	356.6	

