

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063918.D
 Acq On : 7 Oct 2020 2:17
 Operator : JC/MD
 Sample : PB132133TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132133TB

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:12:09 PM

Quant Time: Oct 07 05:51:24 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	243516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	437719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	470423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	208404	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
35) Dibromofluoromethane	7.55	113	153930	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
50) Toluene-d8	10.06	98	582337	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.38	95	226650	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
Target Compounds						
16) Acetone	3.79	43	10674m	8.619	ug/l	
18) Methyl Acetate	4.30	43	4199m	1.306	ug/l	
20) Methylene Chloride	4.50	84	8618	3.130	ug/l #	79
43) Isopropyl Acetate	8.13	43	92380	12.712	ug/l	98

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

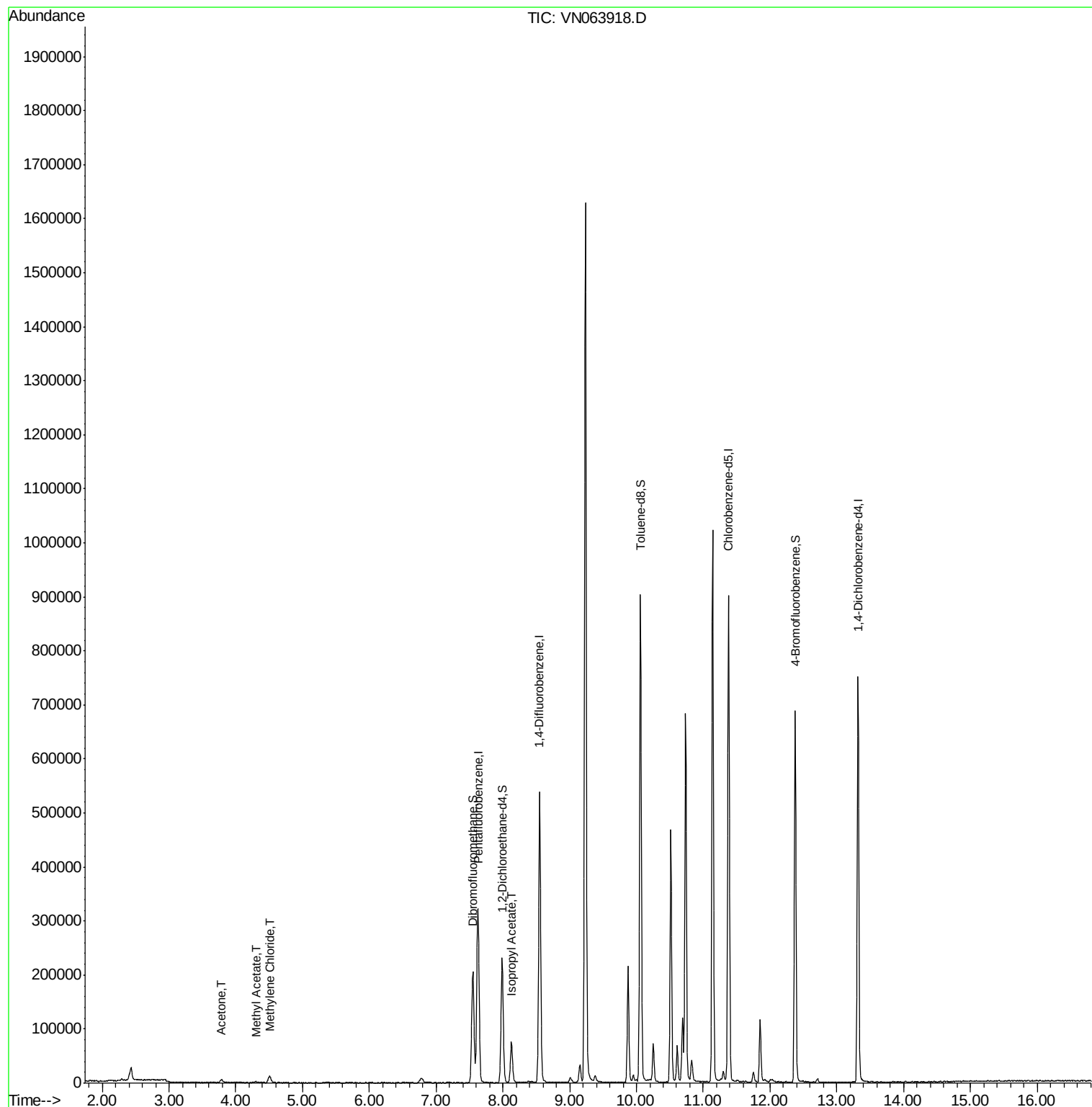
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100620\
Data File : VN063918.D
Acq On : 7 Oct 2020 2:17
Operator : JC/MD
Sample : PB132133TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 1

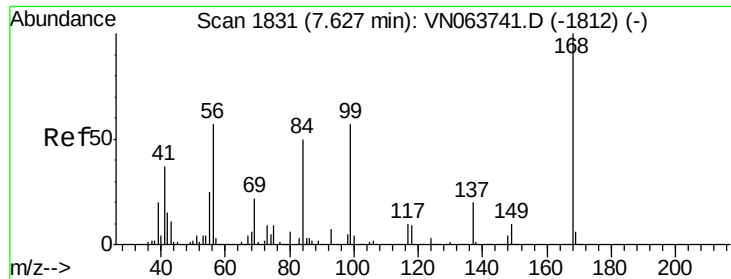
Instrument :
MSVOA_N
ClientSampleId :
PB132133TB

Manual Integrations
APPROVED

MMDadoda
10/7/2020 12:12:09 PM

Quant Time: Oct 07 05:51:24 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: VN063918.D

Acq: 7 Oct 2020 2:17

Instrument :

MSVOA_N

ClientSampled :

PB132133TB

Tot Ion:168 Resp: 243516

Ion Ratio Lower Upper

168 100

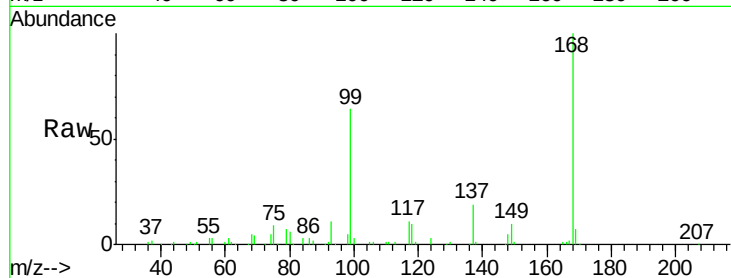
99 63.7 51.8 77.6

Manual Integrations

APPROVED

MMDadoda

10/7/2020 12:12:09 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

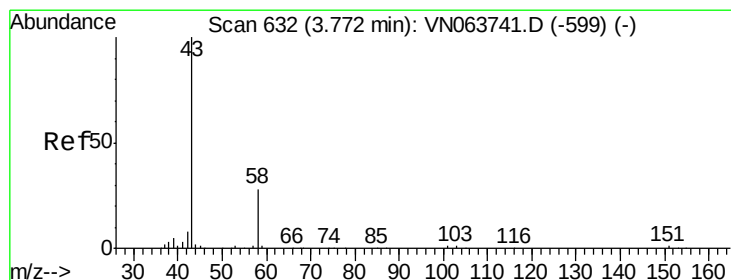
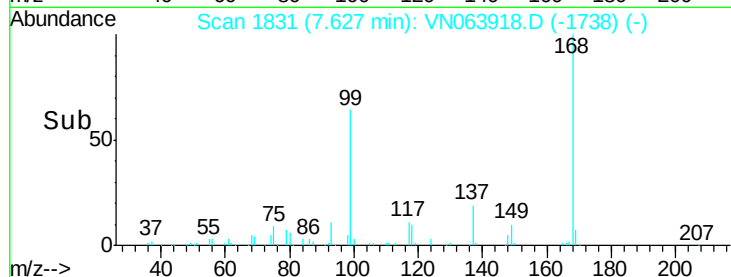
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.619 ug/l m

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063918.D

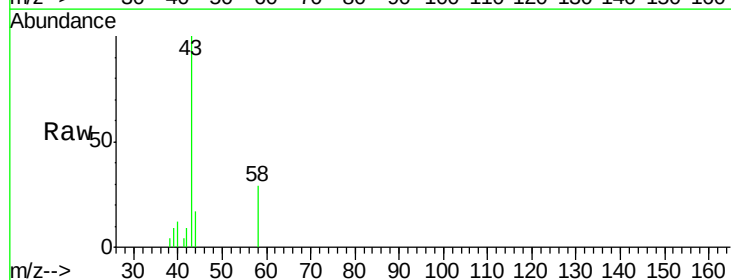
Acq: 7 Oct 2020 2:17

Tgt Ion: 43 Resp: 10674

Ion Ratio Lower Upper

43 100

58 29.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

4000

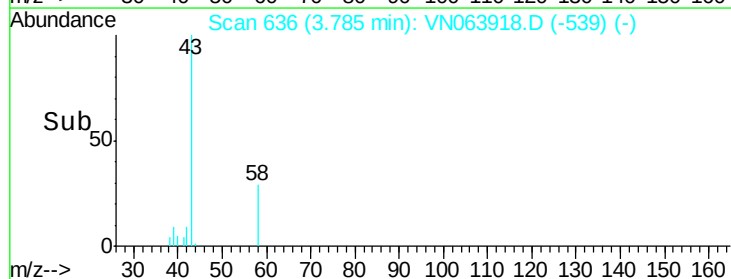
3000

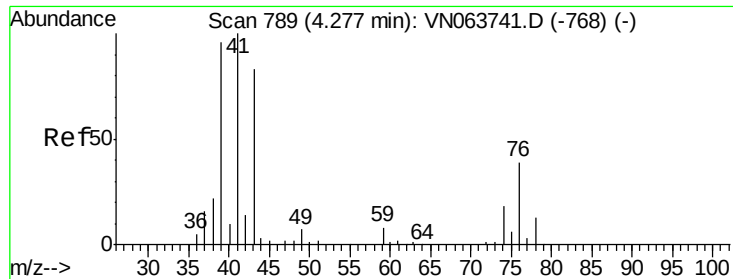
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90





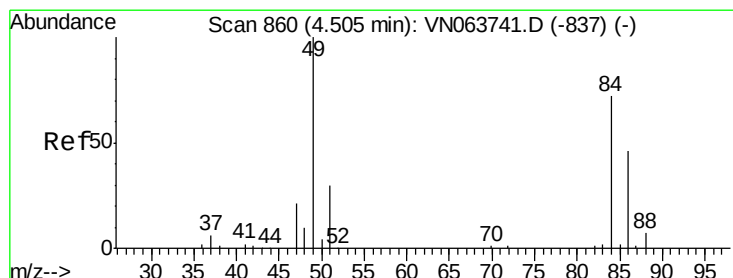
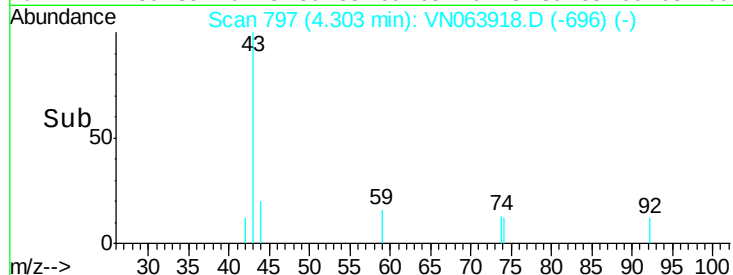
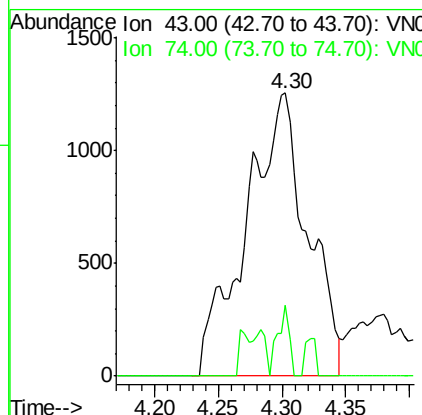
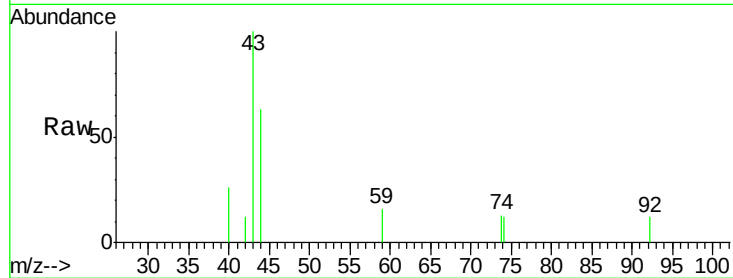
#18
Methyl Acetate
Concen: 1.306 ug/l m
RT: 4.30 min Scan# 797
Delta R.T. 0.03 min
Lab File: VN063918.D
Acq: 7 Oct 2020 2:17

Instrument :
MSVOA_N
ClientSampled :
PB132133TB

Tot Ion: 43 Resp: 4199
Ion Ratio Lower Upper
43 100
74 2.6 17.4 26.2#

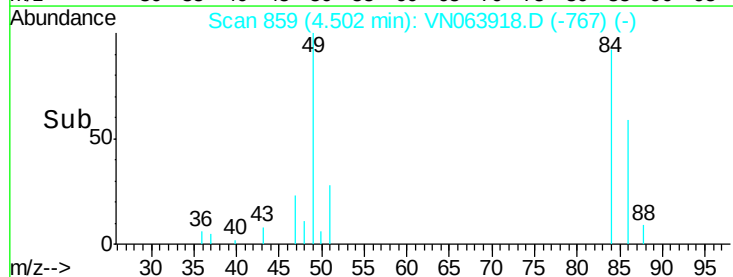
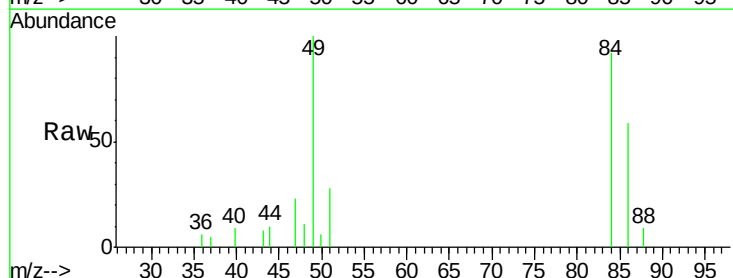
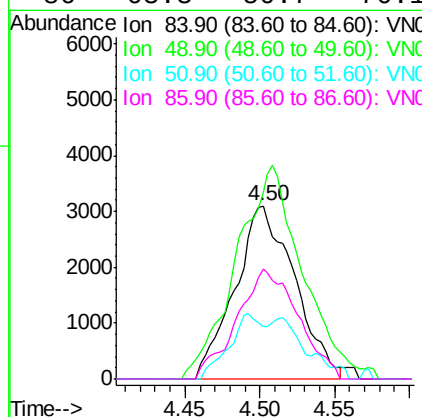
Manual Integrations
APPROVED

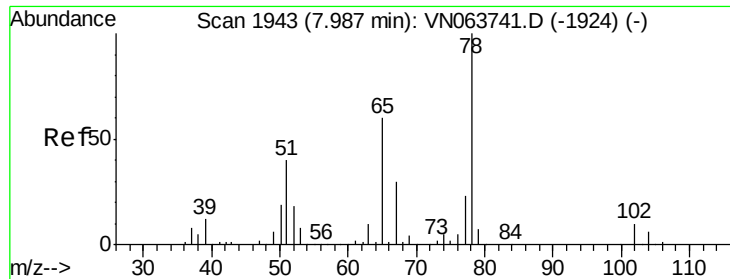
MMDadoda
10/7/2020 12:12:09 PM



#20
Methylene Chloride
Concen: 3.130 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063918.D
Acq: 7 Oct 2020 2:17

Tgt Ion: 84 Resp: 8618
Ion Ratio Lower Upper
84 100
49 100.5 110.4 165.6#
51 30.2 33.3 49.9#
86 63.3 50.7 76.1





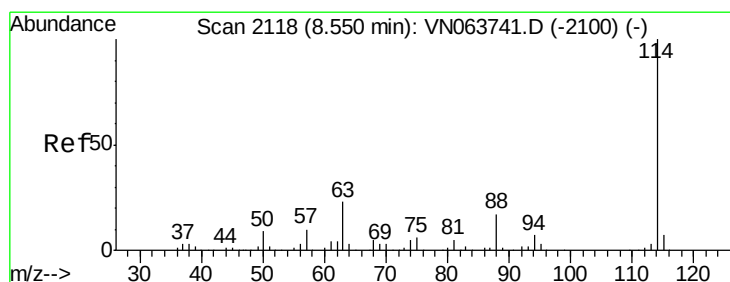
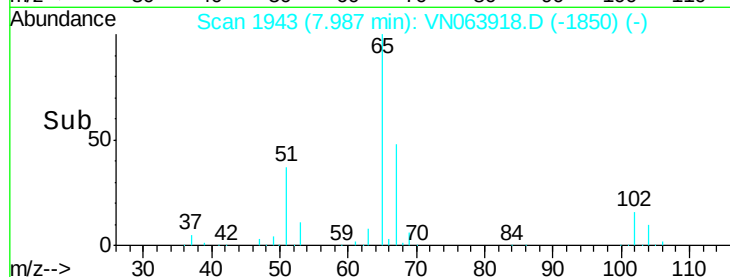
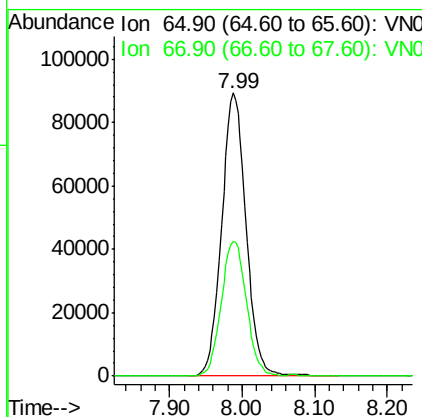
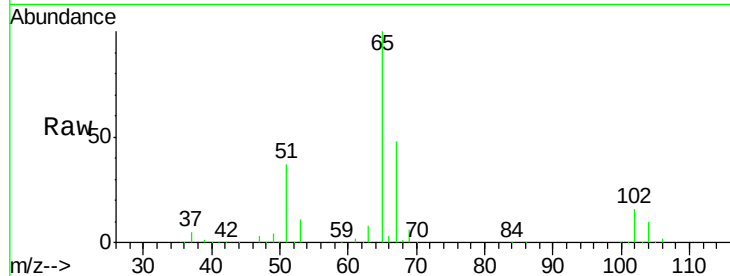
#33
 1,2-Dichloroethane-d4
 Concen: 51.802 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063918.D
 Acq: 7 Oct 2020 2:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132133TB

Tot Ion	Ratio	Resp	Lower	Upper
65	100	208404		
67	49.1	0.0	99.6	

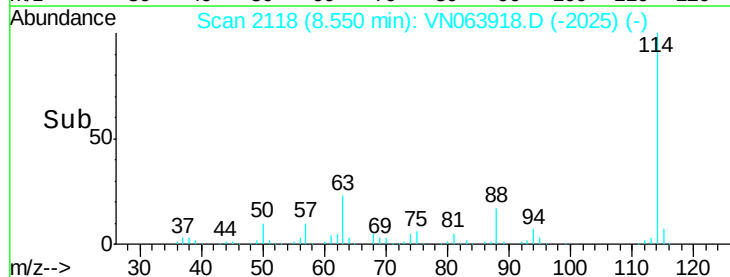
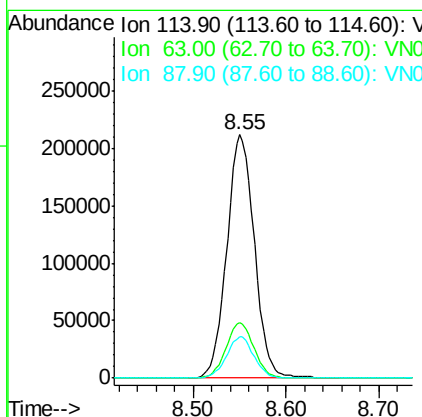
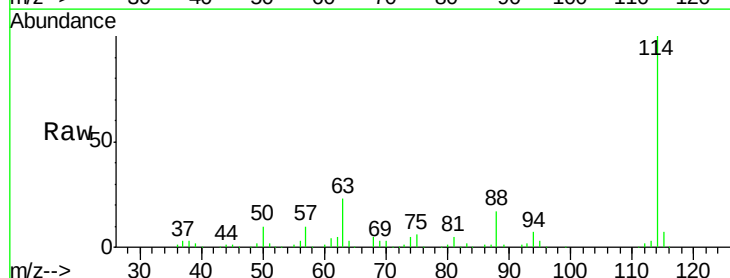
Manual Integrations
 APPROVED

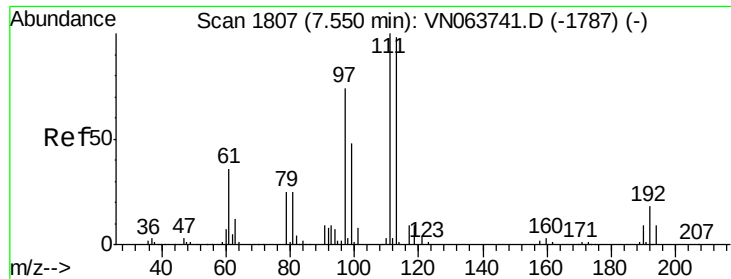
MMDadoda
 10/7/2020 12:12:09 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063918.D
 Acq: 7 Oct 2020 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	437719		
63	22.8	0.0	45.0	
88	16.9	0.0	34.0	





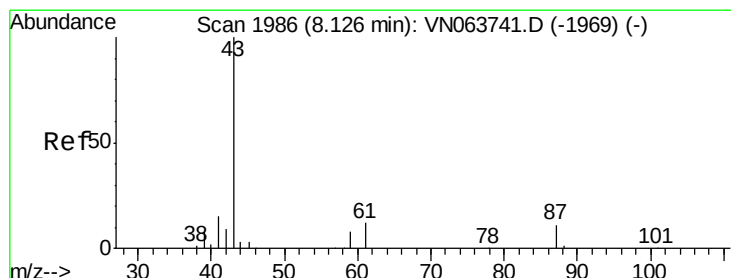
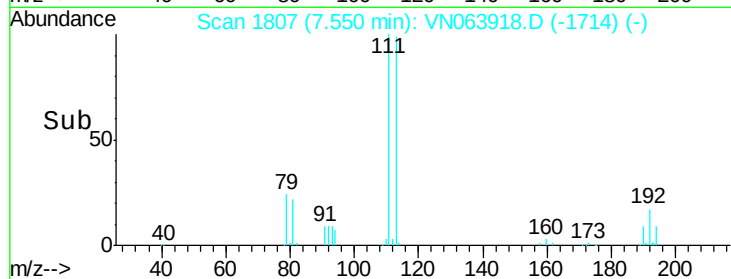
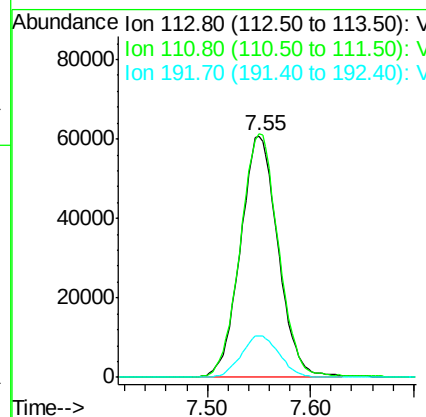
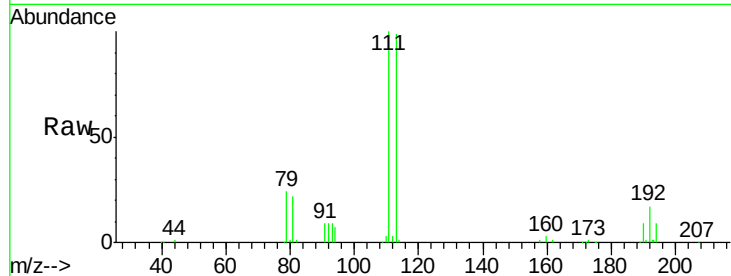
#35
 Dibromofluoromethane
 Concen: 50.681 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063918.D
 Acq: 7 Oct 2020 2:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132133TB

Tot Ion	Ratio	Resp	Lower	Upper
113	100	153930		
111	102.2	81.8	122.8	
192	17.5	14.2	21.2	

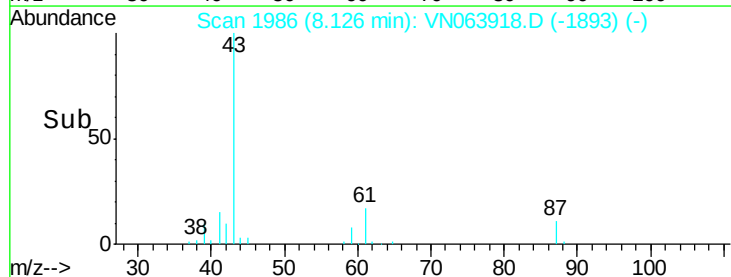
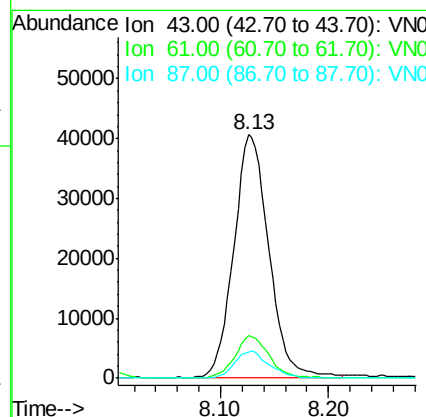
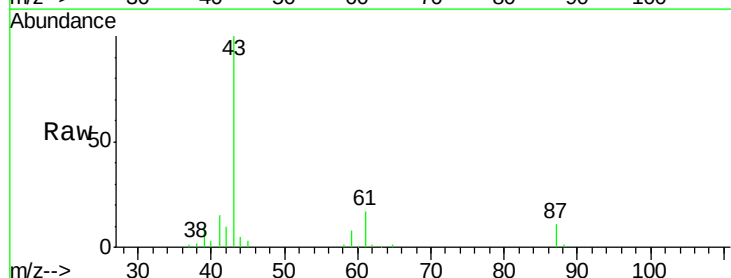
Manual Integrations
 APPROVED

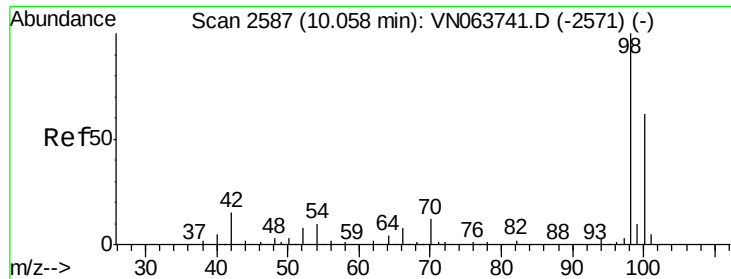
MMDadoda
 10/7/2020 12:12:09 PM



#43
 Isopropyl Acetate
 Concen: 12.712 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063918.D
 Acq: 7 Oct 2020 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	92380		
61	16.8	14.2	21.4	
87	10.7	9.0	13.6	





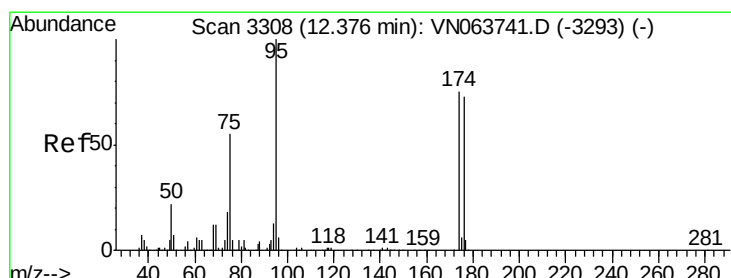
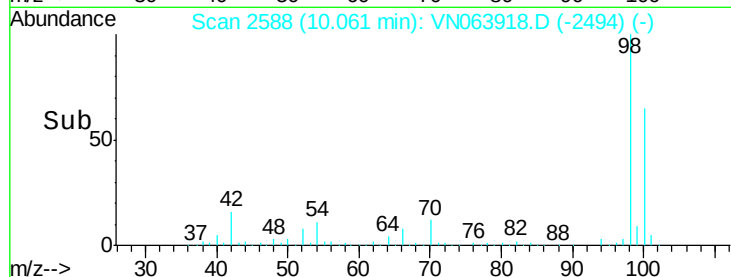
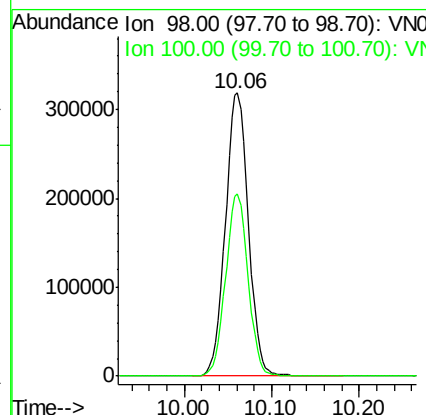
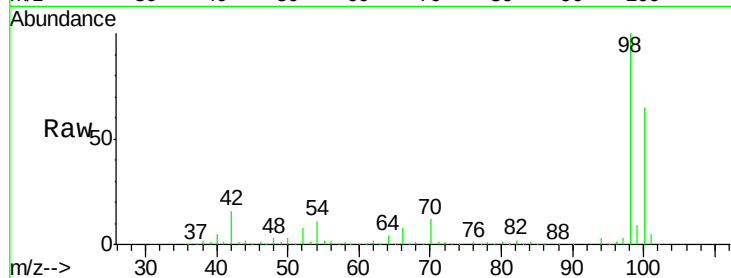
#50
Toluene-d8
Concen: 50.577 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063918.D
Acq: 7 Oct 2020 2:17

Instrument :
MSVOA_N
ClientSampleId :
PB132133TB

Tot Ion: 98 Resp: 582337
Ion Ratio Lower Upper
98 100
100 62.9 49.8 74.6

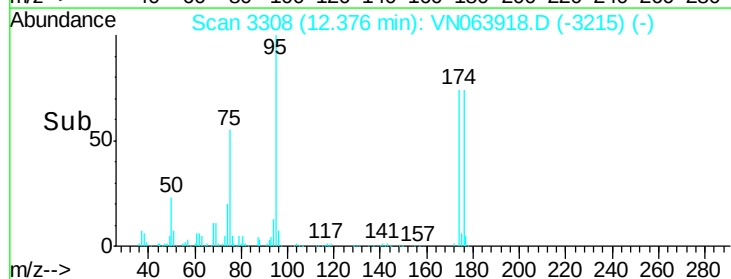
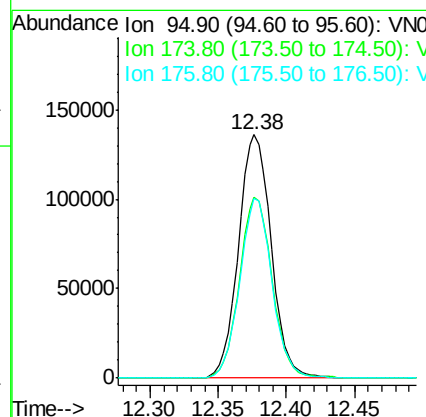
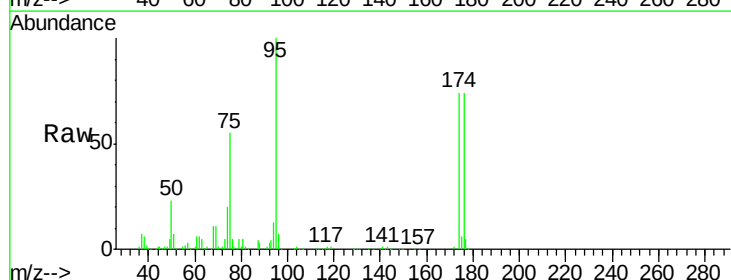
Manual Integrations
APPROVED

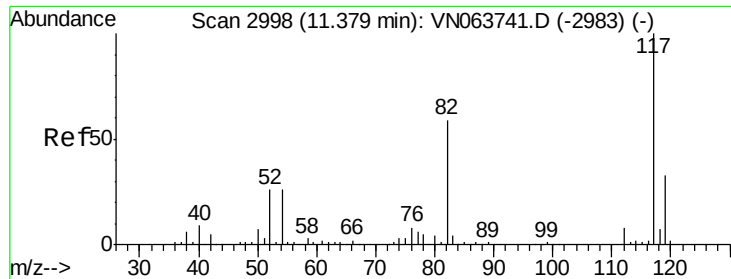
MMDadoda
10/7/2020 12:12:09 PM



#62
4-Bromofluorobenzene
Concen: 52.366 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063918.D
Acq: 7 Oct 2020 2:17

Tgt Ion: 95 Resp: 226650
Ion Ratio Lower Upper
95 100
174 74.5 0.0 150.6
176 72.6 0.0 145.4





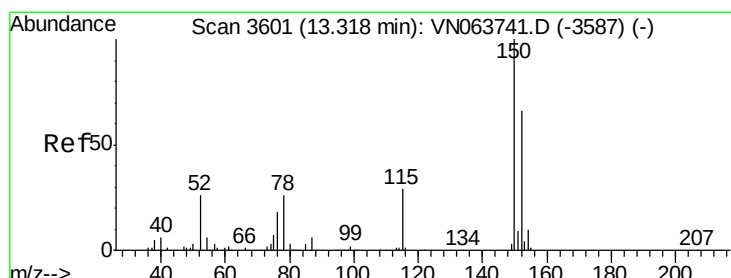
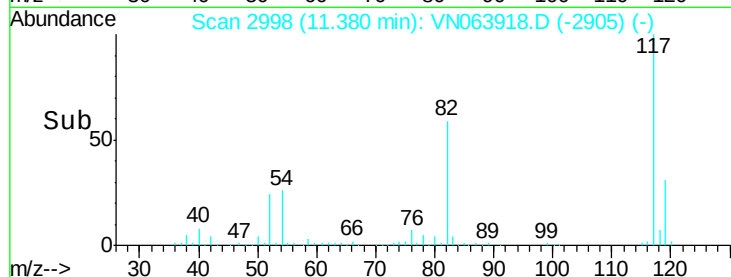
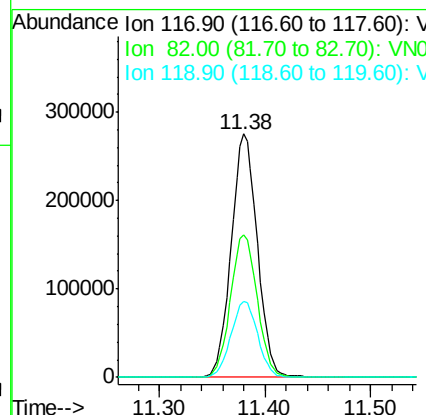
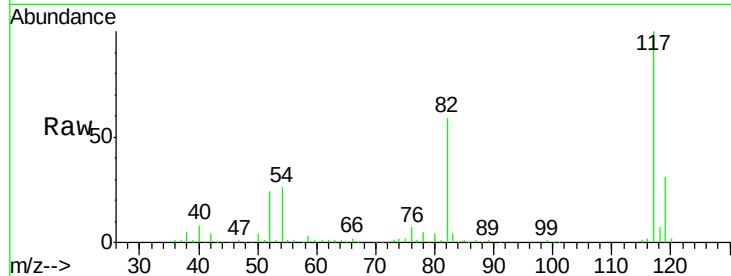
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063918.D
Acq: 7 Oct 2020 2:17

Instrument :
MSVOA_N
ClientSampled :
PB132133TB

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.4	71.2
119	31.3	26.4	39.6

Manual Integrations
APPROVED

MMDadoda
10/7/2020 12:12:09 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: VN063918.D
Acq: 7 Oct 2020 2:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.3	93.8
150	157.5	0.0	341.8

