

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062686.D
 Acq On : 31 Jul 2020 15:30
 Operator : JC/MD
 Sample : PB130640ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130640ZHE#09

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 9:32:08 AM

Quant Time: Aug 01 06:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	128686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	239721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	112503	56.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.56%	
35) Dibromofluoromethane	7.55	113	78408	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.06	98	312257	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	12.38	95	111027	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
Target Compounds						
16) Acetone	3.78	43	9873m	13.124	ug/l	
18) Methyl Acetate	4.29	43	7297	3.832	ug/l #	61
20) Methylene Chloride	4.50	84	6122	3.393	ug/l	98
43) Isopropyl Acetate	8.13	43	50797	11.440	ug/l #	91

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

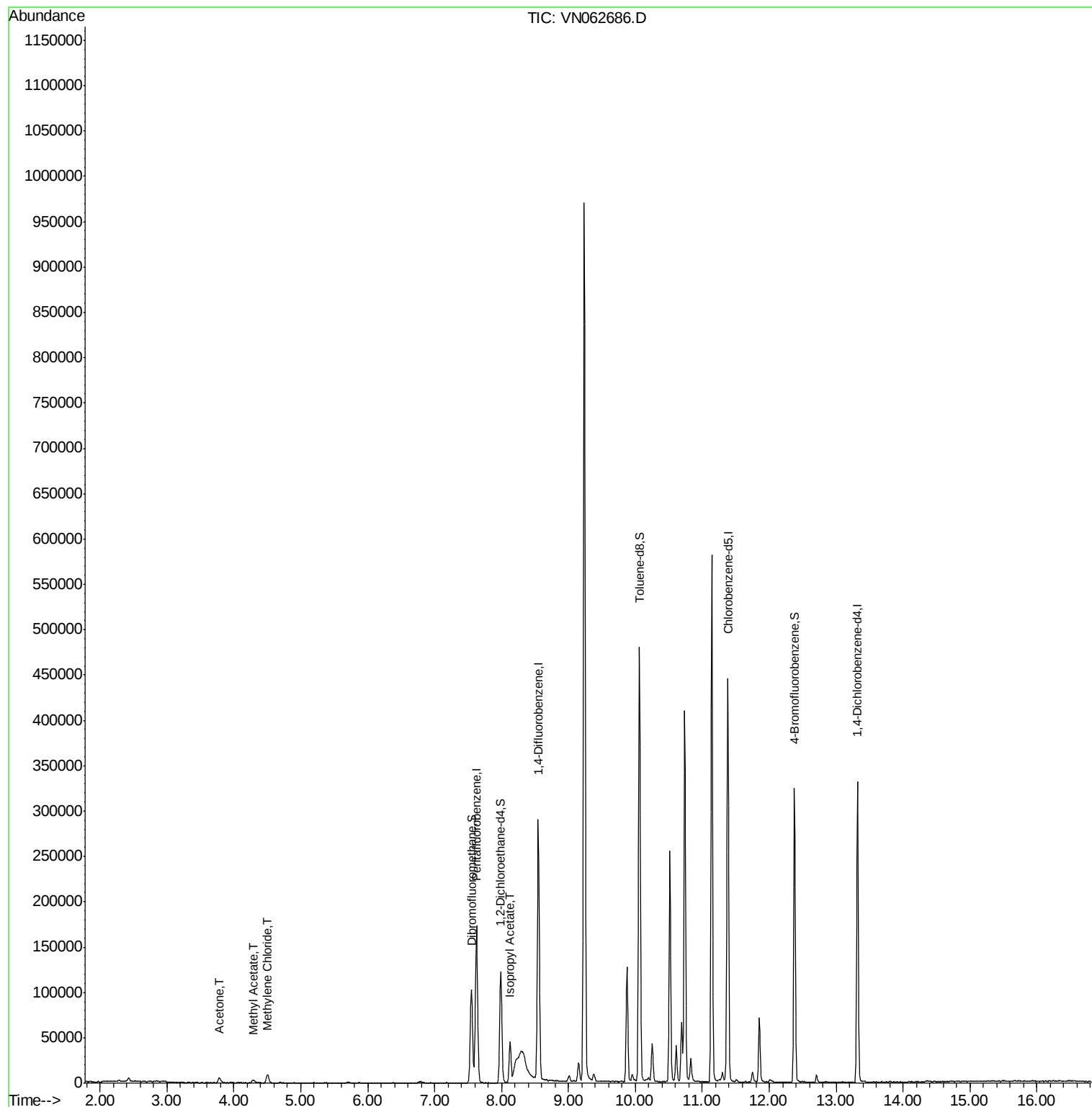
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073120\
Data File : VN062686.D
Acq On : 31 Jul 2020 15:30
Operator : JC/MD
Sample : PB130640ZHE#09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

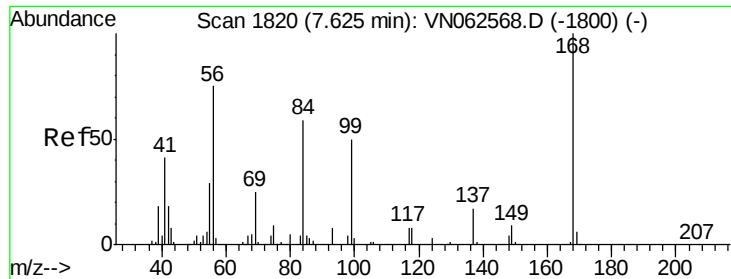
Instrument :
MSVOA_N
ClientSampleId :
PB130640ZHE#09

Manual Integrations
APPROVED

MMDadoda
8/3/2020 9:32:08 AM

Quant Time: Aug 01 06:56:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062686.D

Acq: 31 Jul 2020 15:30

Instrument :

MSVOA_N

ClientSampleId :

PB130640ZHE#09

Tot Ion:168 Resp: 128686

Ion Ratio Lower Upper

168 100

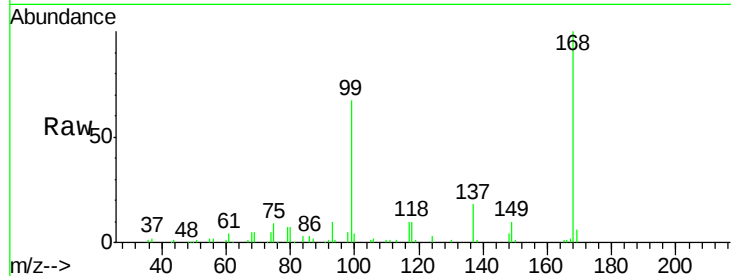
99 67.1 48.4 72.6

Manual Integrations

APPROVED

MMDadoda

8/3/2020 9:32:08 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

50000

40000

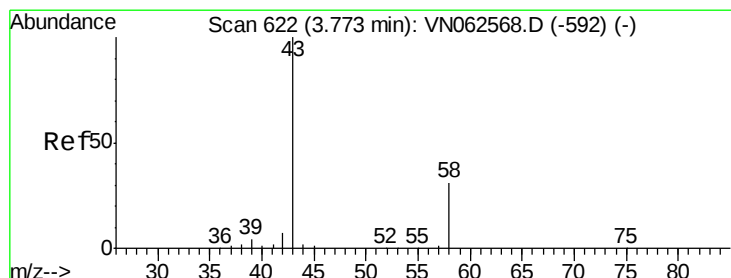
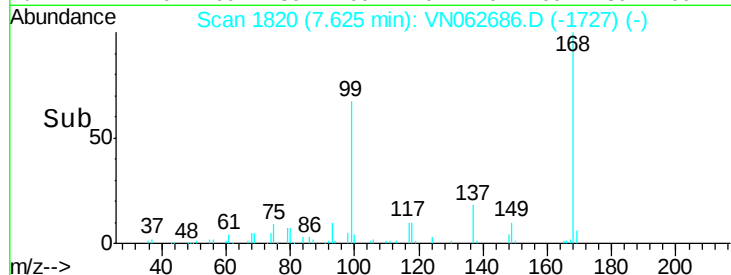
30000

20000

10000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 13.124 ug/l m

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062686.D

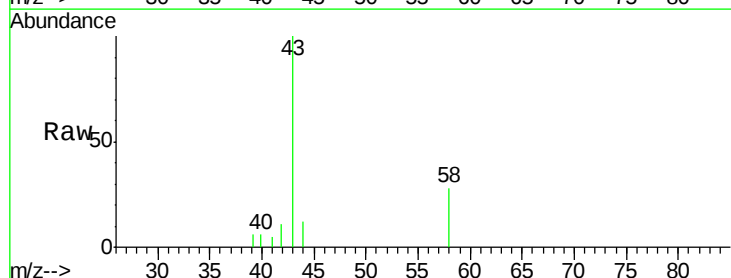
Acq: 31 Jul 2020 15:30

Tgt Ion: 43 Resp: 9873

Ion Ratio Lower Upper

43 100

58 27.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

4000

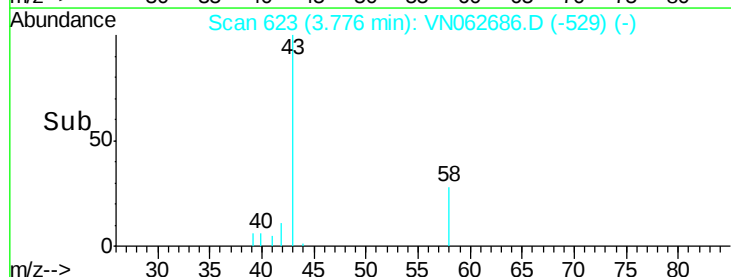
3000

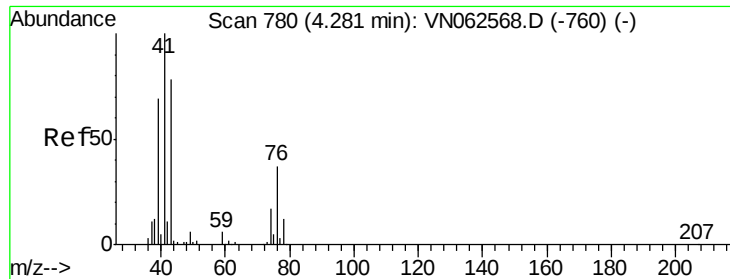
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





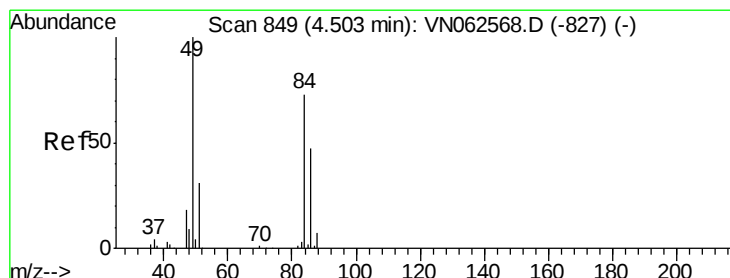
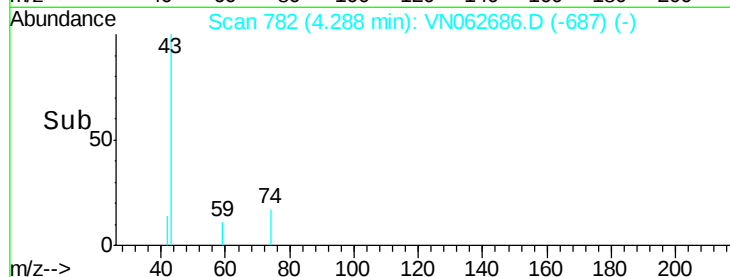
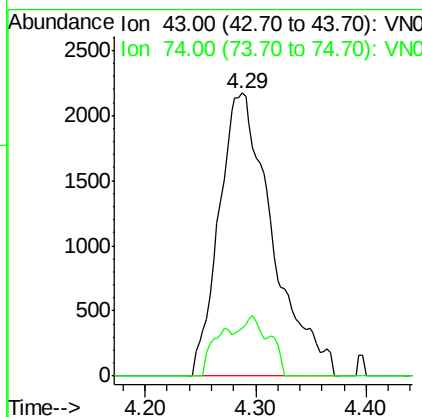
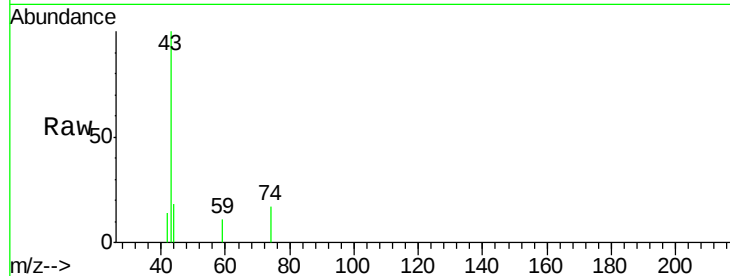
#18
Methyl Acetate
Concen: 3.832 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062686.D
Acq: 31 Jul 2020 15:30

Instrument :
MSVOA_N
ClientSampleId :
PB130640ZHE#09

Tot Ion: 43 Resp: 7297
Ion Ratio Lower Upper
43 100
74 2.7 16.6 24.8#

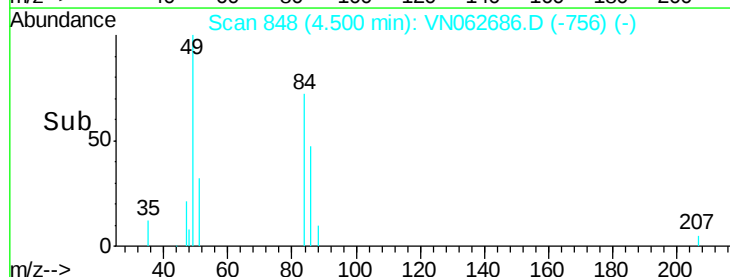
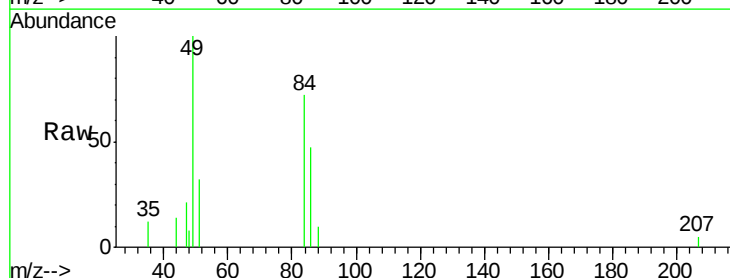
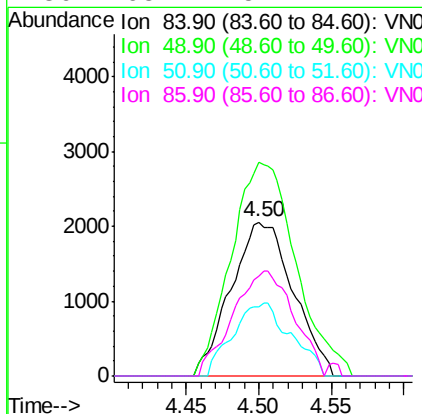
Manual Integrations
APPROVED

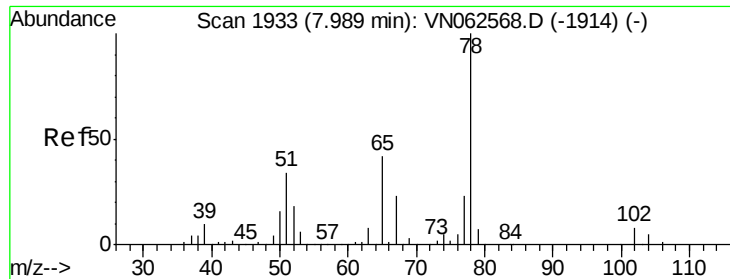
MMDadoda
8/3/2020 9:32:08 AM



#20
Methylene Chloride
Concen: 3.393 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062686.D
Acq: 31 Jul 2020 15:30

Tgt Ion: 84 Resp: 6122
Ion Ratio Lower Upper
84 100
49 138.5 109.4 164.0
51 44.7 33.6 50.4
86 65.2 51.4 77.2





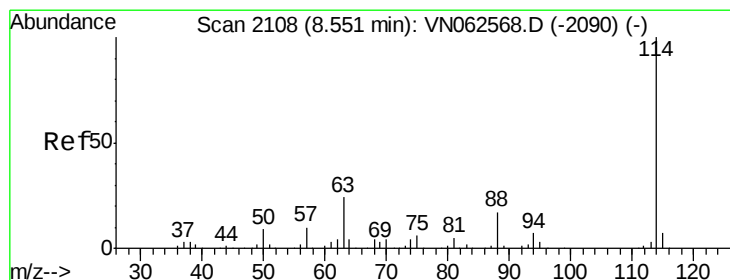
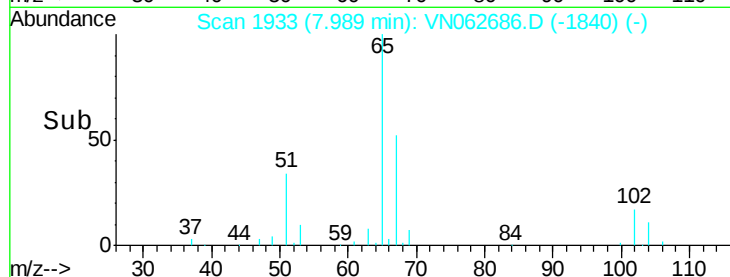
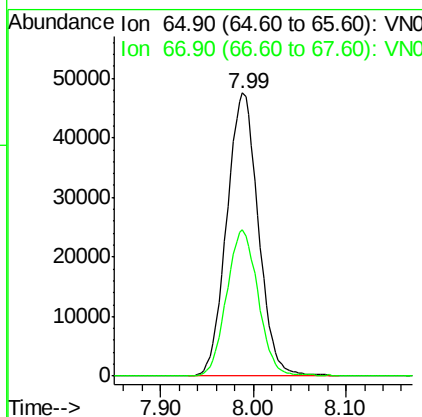
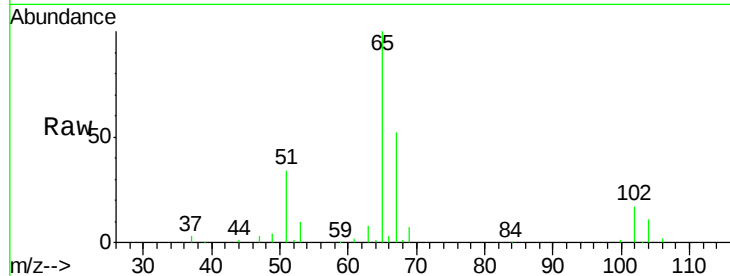
#33
 1,2-Dichloroethane-d4
 Concen: 56.278 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062686.D
 Acq: 31 Jul 2020 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130640ZHE#09

Tot Ion: 65 Resp: 112503
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.0

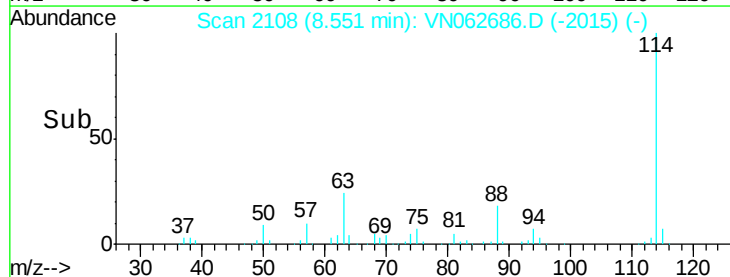
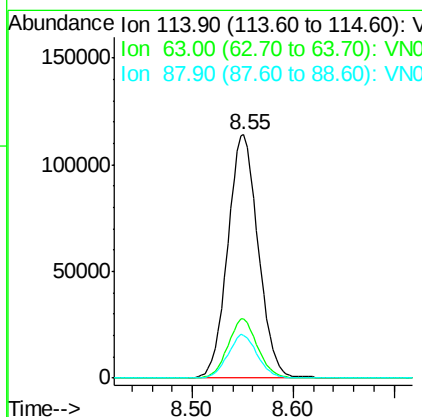
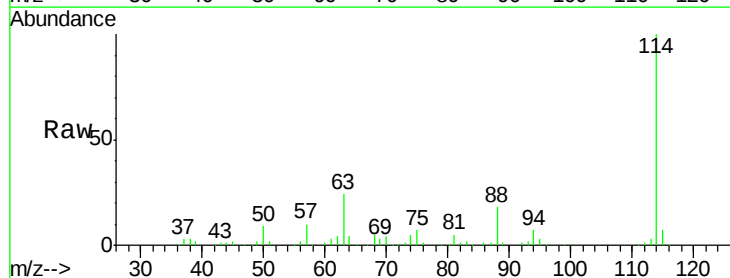
Manual Integrations
 APPROVED

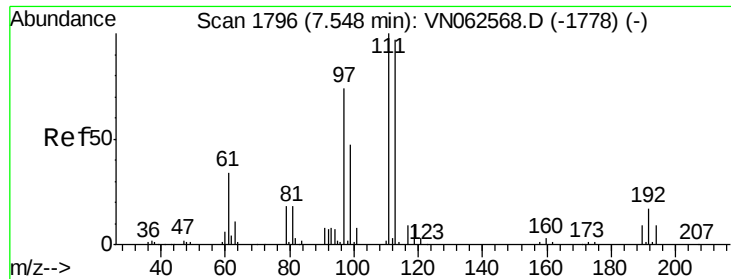
MMDadoda
 8/3/2020 9:32:08 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062686.D
 Acq: 31 Jul 2020 15:30

Tgt Ion: 114 Resp: 239721
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.4
 88 17.5 0.0 33.8





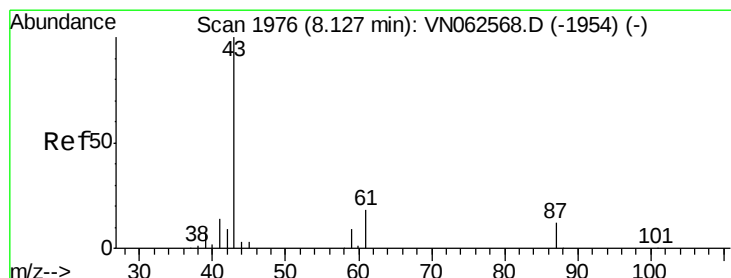
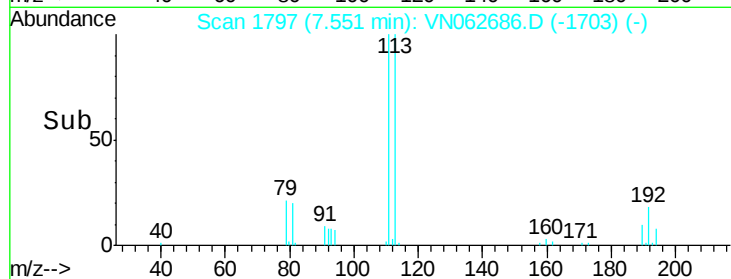
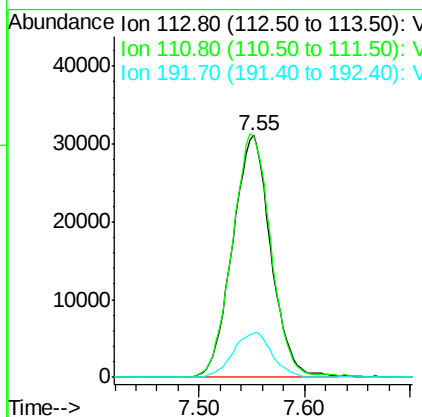
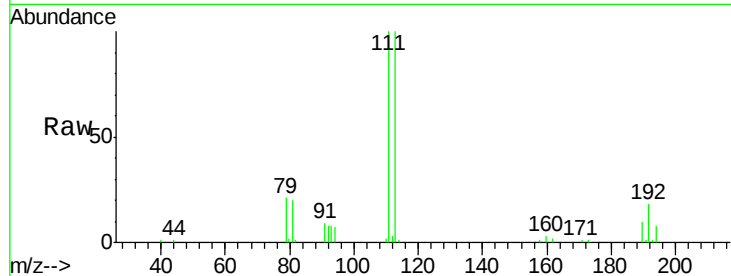
#35
 Dibromofluoromethane
 Concen: 49.795 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062686.D
 Acq: 31 Jul 2020 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130640ZHE#09

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.7	124.1
192	18.7	14.8	22.2

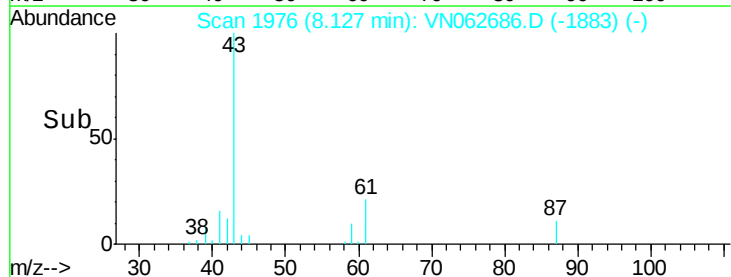
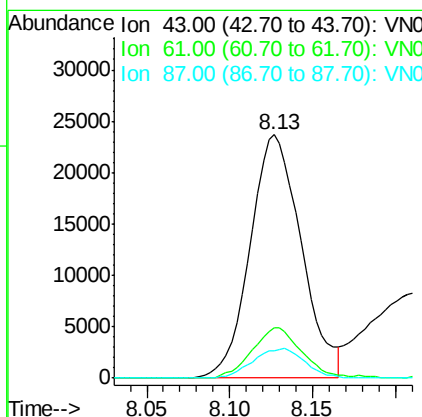
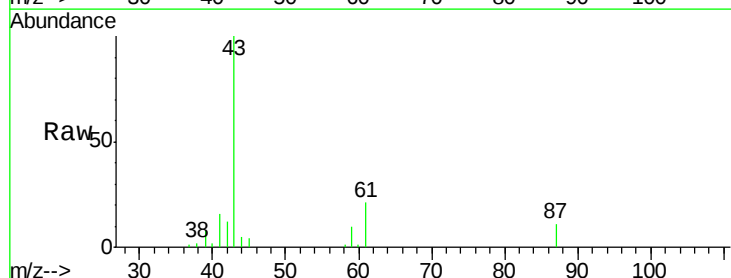
Manual Integrations
 APPROVED

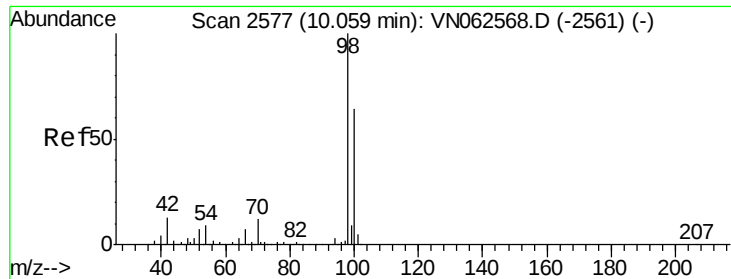
MMDadoda
 8/3/2020 9:32:08 AM



#43
 Isopropyl Acetate
 Concen: 11.440 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062686.D
 Acq: 31 Jul 2020 15:30

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	20.8	31.2#
87	12.2	9.2	13.8





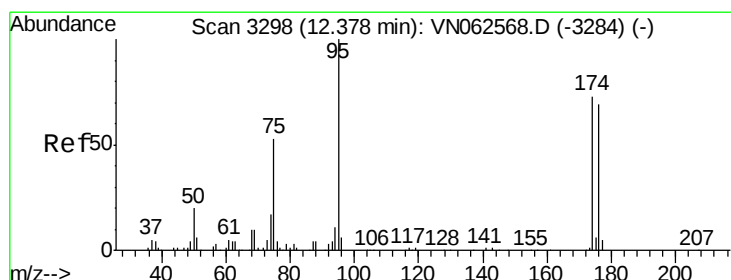
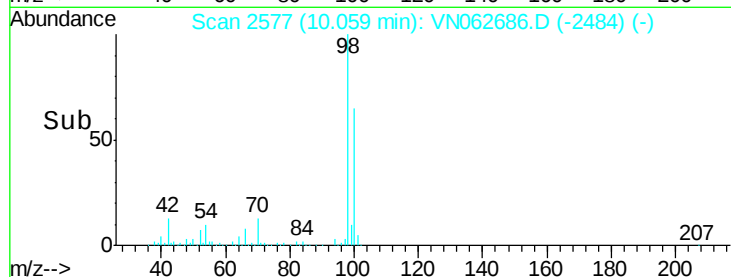
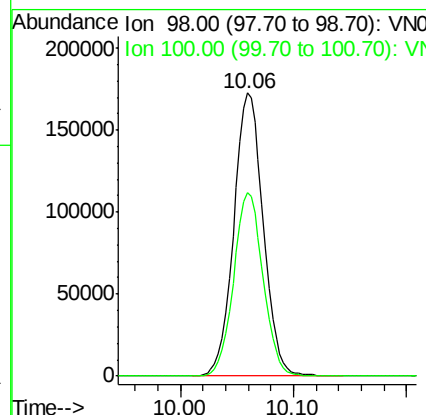
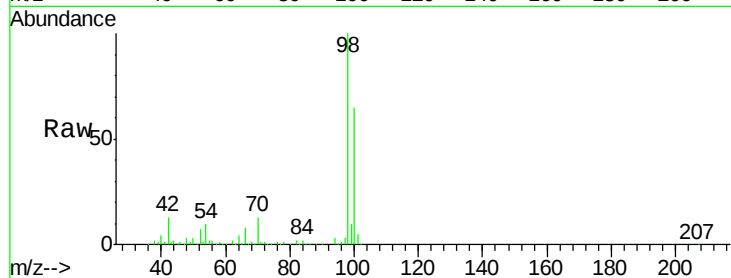
#50
Toluene-d8
Concen: 49.702 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062686.D
Acq: 31 Jul 2020 15:30

Instrument :
MSVOA_N
ClientSampleId :
PB130640ZHE#09

Tot Ion	98	Resp	312257
Ion Ratio	100	Lower	Upper
98	100		
100	64.5	50.9	76.3

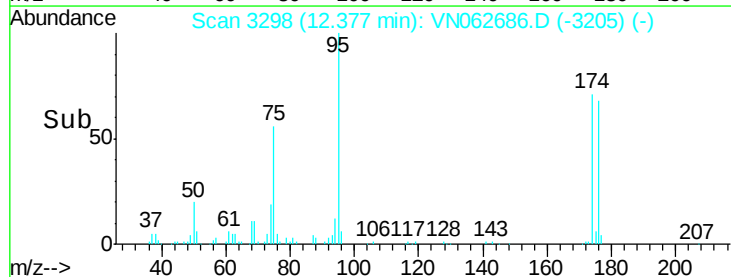
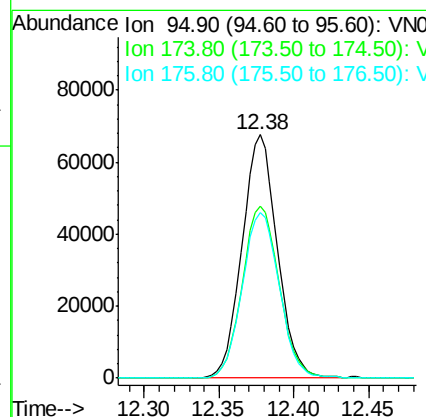
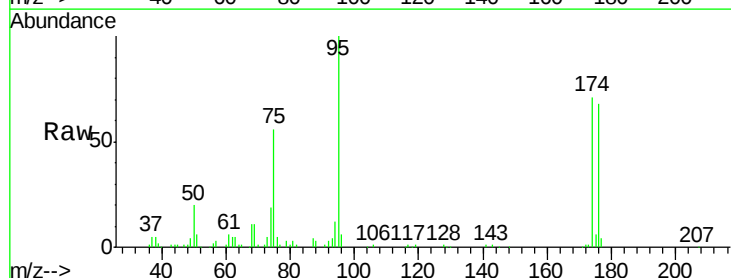
Manual Integrations
APPROVED

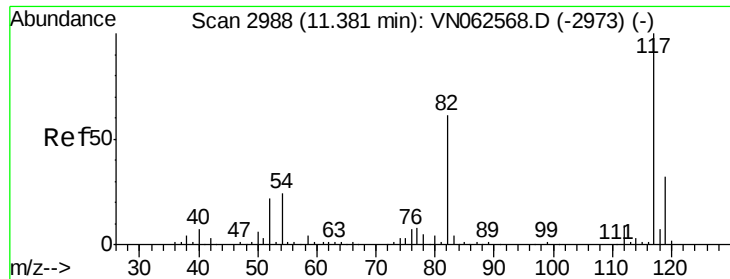
MMDadoda
8/3/2020 9:32:08 AM



#62
4-Bromofluorobenzene
Concen: 48.331 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062686.D
Acq: 31 Jul 2020 15:30

Tgt Ion	95	Resp	111027
Ion Ratio	100	Lower	Upper
95	100		
174	74.3	0.0	144.6
176	71.5	0.0	139.4





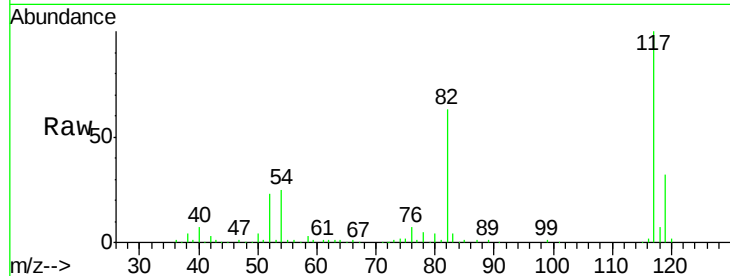
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062686.D
Acq: 31 Jul 2020 15:30

Instrument :
MSVOA_N
ClientSampleId :
PB130640ZHE#09

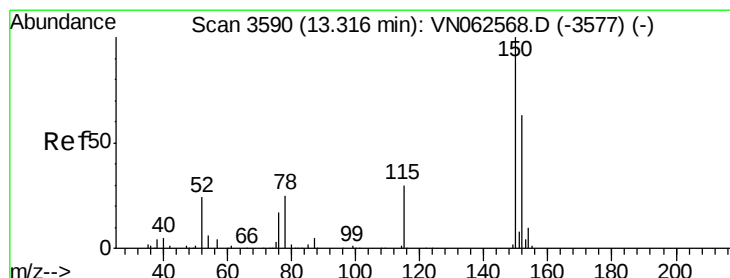
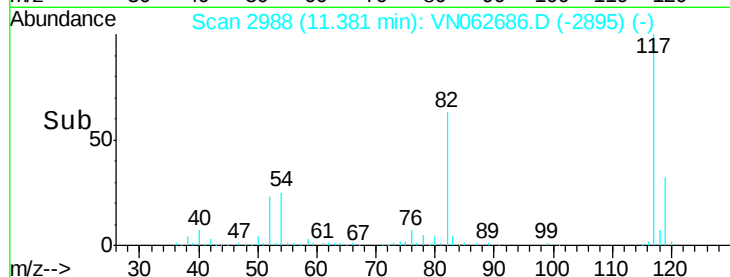
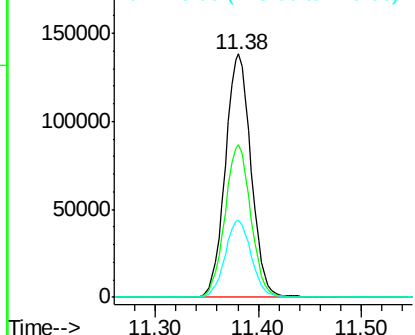
Tot Ion	Ratio	Lower	Upper
117	100		
82	62.6	49.0	73.6
119	31.8	25.4	38.2

Manual Integrations
APPROVED

MMDadoda
8/3/2020 9:32:08 AM

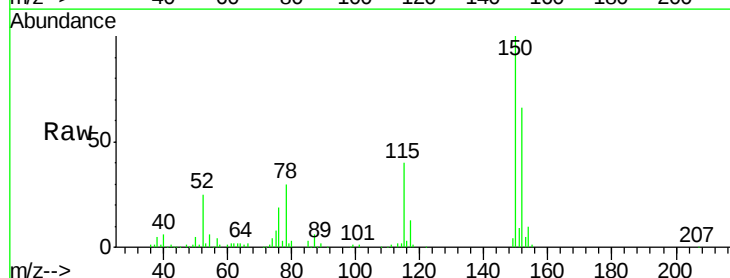


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062686.D
Acq: 31 Jul 2020 15:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.8	95.4
150	155.6	0.0	351.4



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

