

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067043.D
 Acq On : 7 May 2021 5:34
 Operator : JC/MD
 Sample : M2293-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(MAY)

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 6:24:33 PM

Quant Time: May 07 07:34:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.117	128	71714	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	337488	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	304095	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.957	65	187494	29.84	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.47%		
60) 4-Bromofluorobenzene	12.355	95	140168m	27.71	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	92.37%		
63) Toluene-d8	10.030	98	451635	29.98	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.93%		
Target Compounds						
15) Acetone	3.757	58	317713	477.15	ug/l	96
16) Carbon Disulfide	3.990	76	9633	0.71	ug/l	95
30) 2-Butanone	6.758	43	63193	22.33	ug/l #	70
58) 4-Methyl-2-Pentanone	9.931	43	18539	3.26	ug/l	98
62) Toluene	10.094	91	10068	0.54	ug/l	100

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

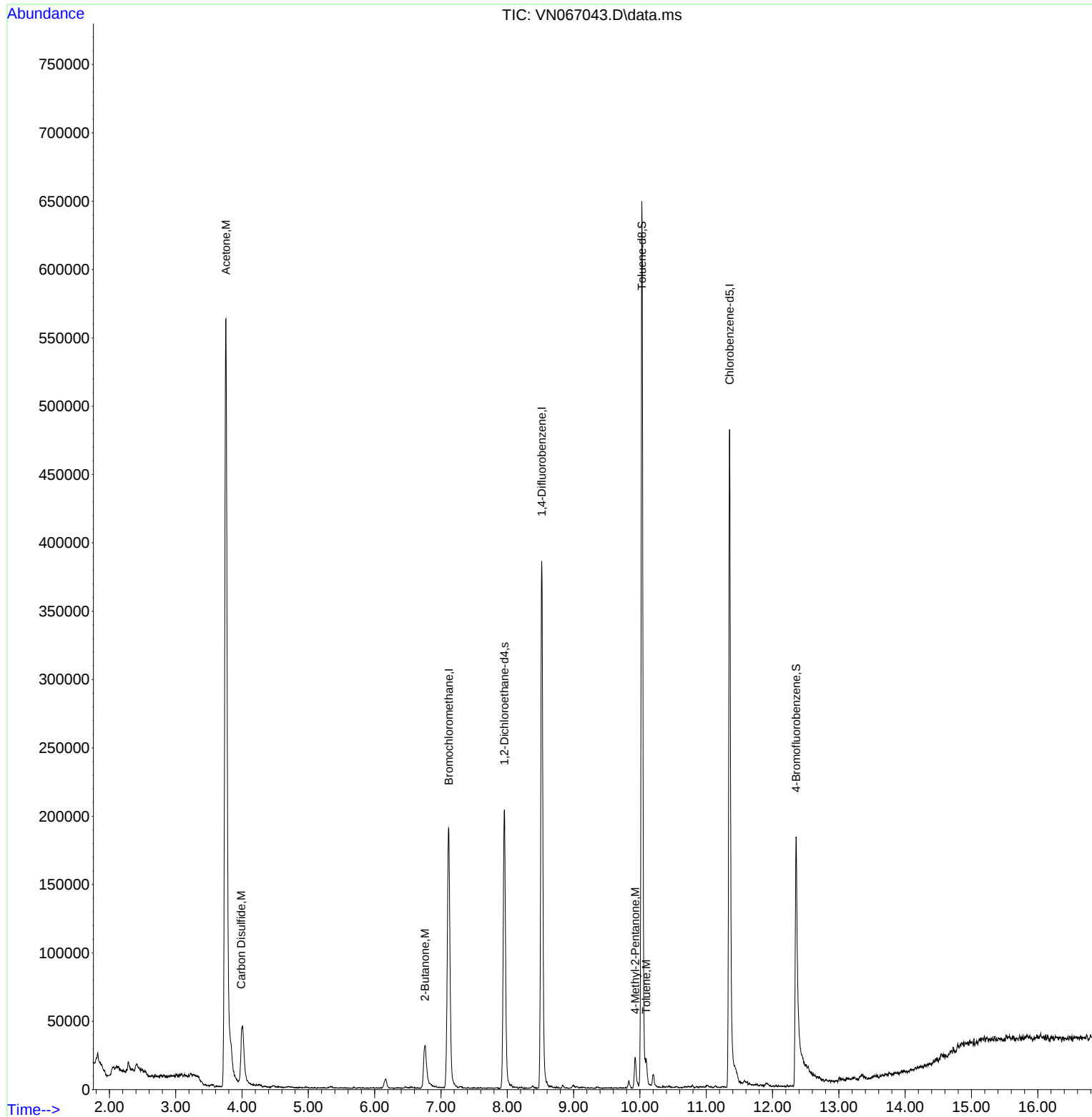
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
Data File : VN067043.D
Acq On : 7 May 2021 5:34
Operator : JC/MD
Sample : M2293-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 48 Sample Multiplier: 1

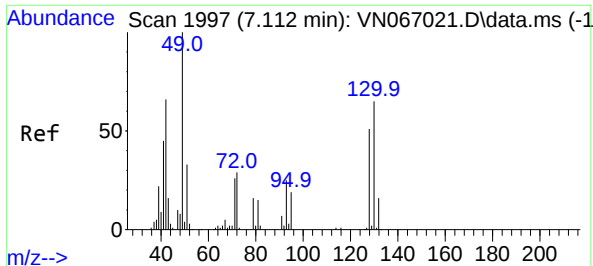
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(MAY)

Manual Integrations
APPROVED

MMDadoda
5/7/2021 6:24:33 PM

Quant Time: May 07 07:34:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 07 07:26:20 2021
Response via : Initial Calibration





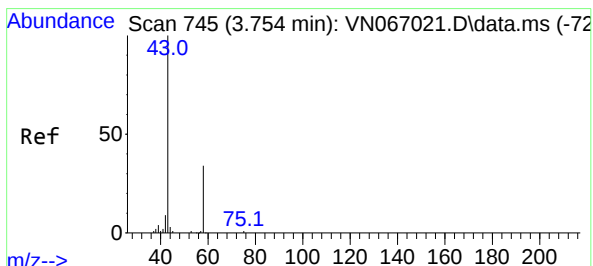
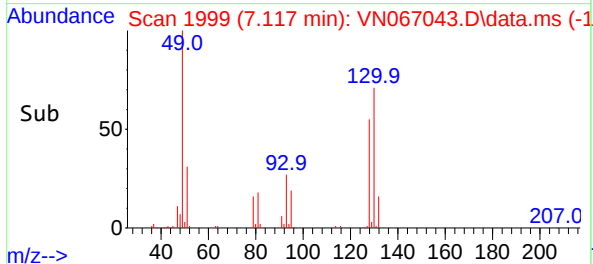
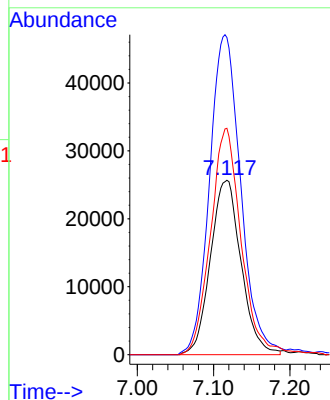
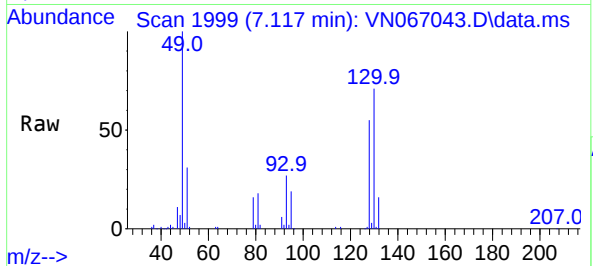
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.117 min Scan# 1999
Delta R.T. 0.005 min
Lab File: VN067043.D
Acq: 7 May 2021 5:34

Tgt Ion:128 Resp: 71714
Ion Ratio Lower Upper
128 100
49 186.5 0.0 486.3
130 127.6 0.0 326.0

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(MAY)

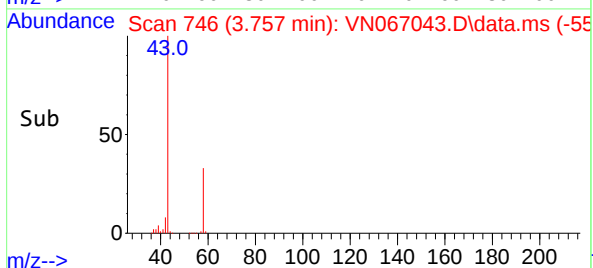
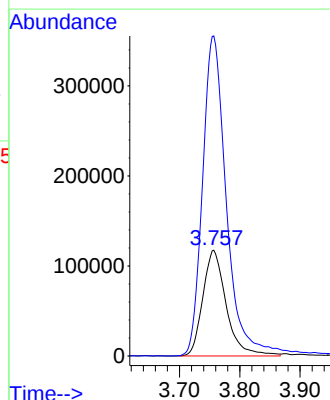
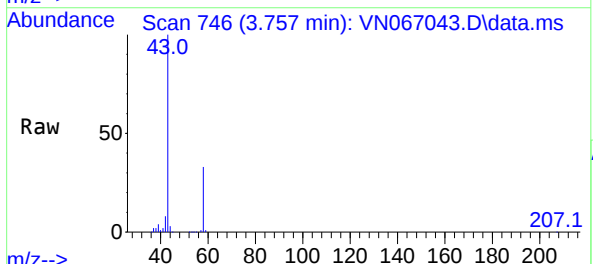
Manual Integrations
APPROVED

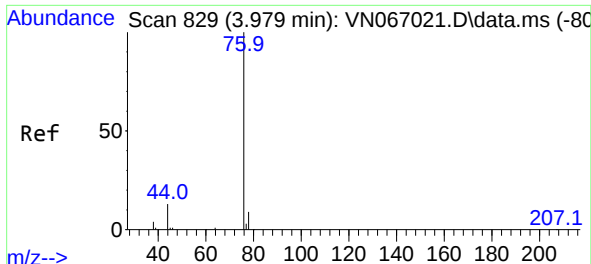
MMDadoda
5/7/2021 6:24:33 PM



#15
Acetone
Concen: 477.15 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN067043.D
Acq: 7 May 2021 5:34

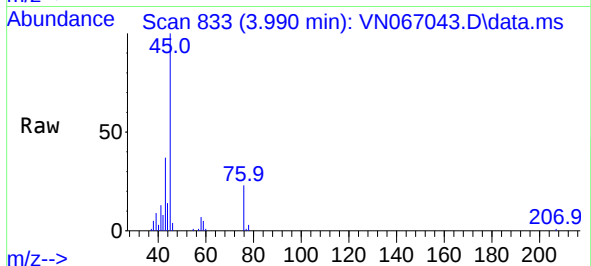
Tgt Ion: 58 Resp: 317713
Ion Ratio Lower Upper
58 100
43 302.0 235.0 352.6





#16
Carbon Disulfide
Concen: 0.71 ug/l
RT: 3.990 min Scan# 833
Delta R.T. 0.011 min
Lab File: VN067043.D
Acq: 7 May 2021 5:34

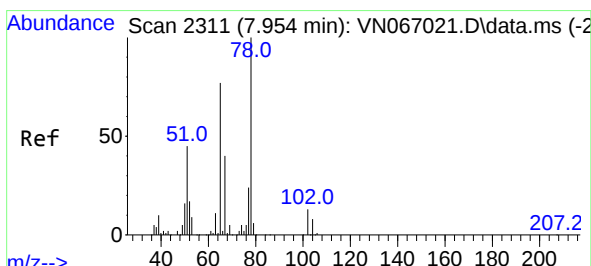
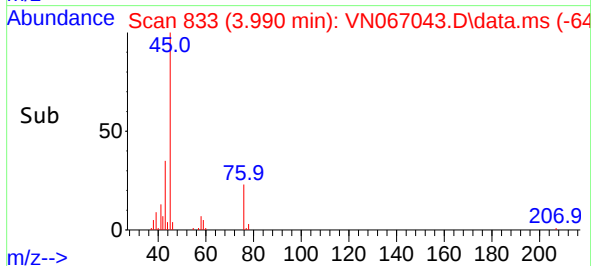
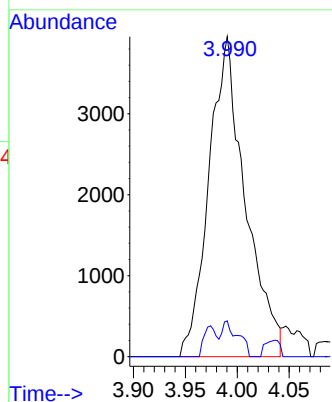
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(MAY)



Tgt Ion: 76 Resp: 9633
Ion Ratio Lower Upper
76 100
78 11.2 7.5 11.3

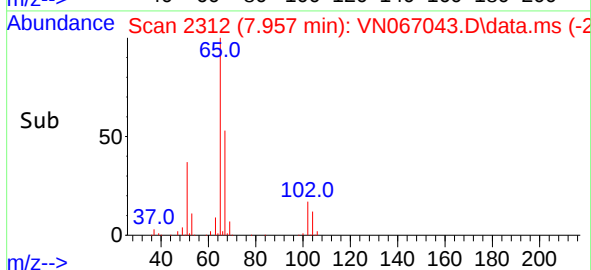
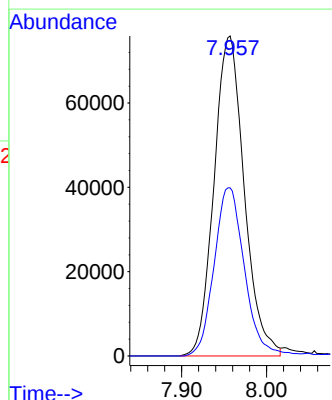
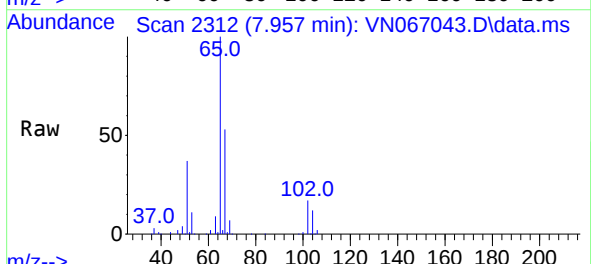
Manual Integrations
APPROVED

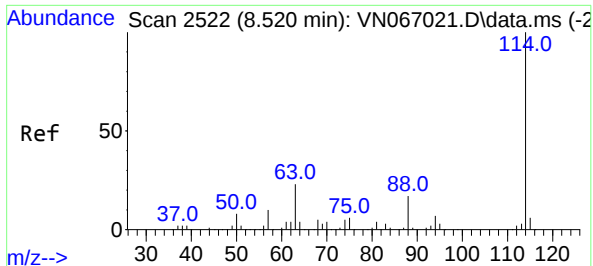
MMDadoda
5/7/2021 6:24:33 PM



#27
1,2-Dichloroethane-d4
Concen: 29.84 ug/l
RT: 7.957 min Scan# 2312
Delta R.T. 0.003 min
Lab File: VN067043.D
Acq: 7 May 2021 5:34

Tgt Ion: 65 Resp: 187494
Ion Ratio Lower Upper
65 100
67 52.7 41.6 62.4





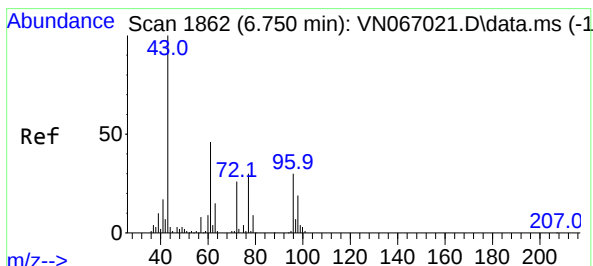
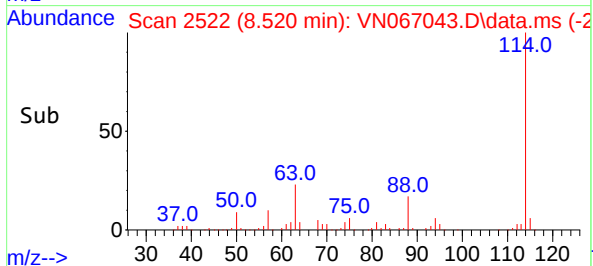
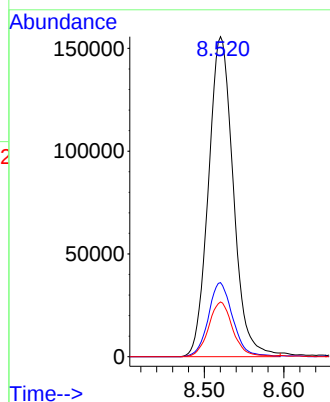
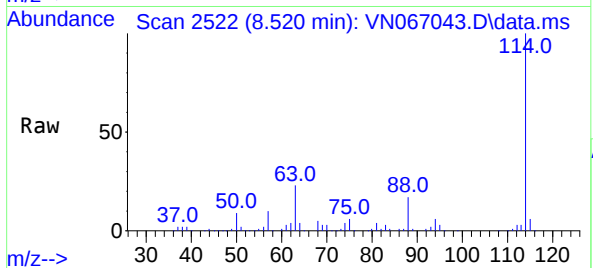
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067043.D
Acq: 7 May 2021 5:34

Tgt Ion: 114 Resp: 337488
Ion Ratio Lower Upper
114 100
63 22.8 18.8 28.2
88 16.6 13.8 20.6

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(MAY)

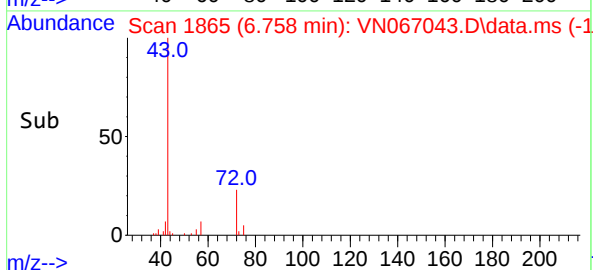
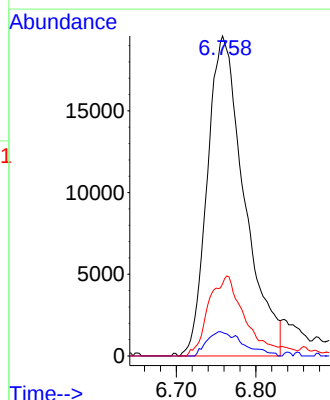
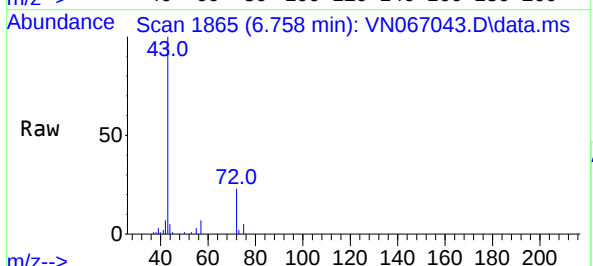
Manual Integrations
APPROVED

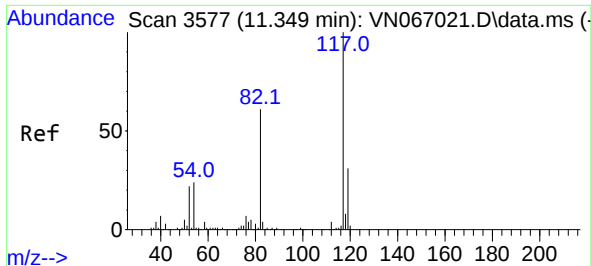
MMDadoda
5/7/2021 6:24:33 PM



#30
2-Butanone
Concen: 22.33 ug/l
RT: 6.758 min Scan# 1865
Delta R.T. 0.008 min
Lab File: VN067043.D
Acq: 7 May 2021 5:34

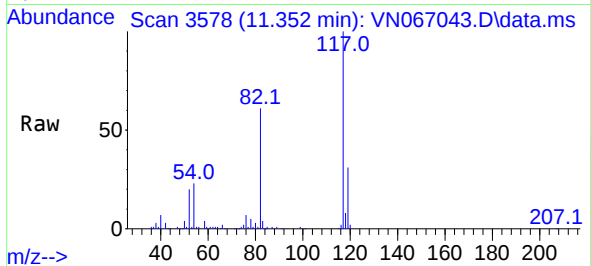
Tgt Ion: 43 Resp: 63193
Ion Ratio Lower Upper
43 100
57 4.6 6.5 9.7#
72 8.0 21.2 31.8#





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067043.D
Acq: 7 May 2021 5:34

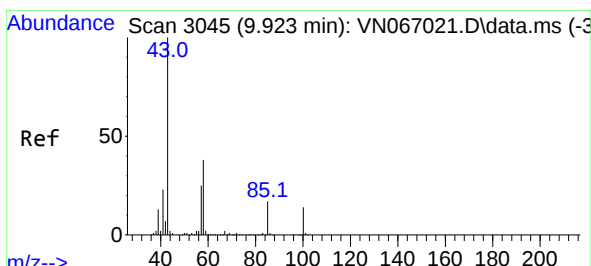
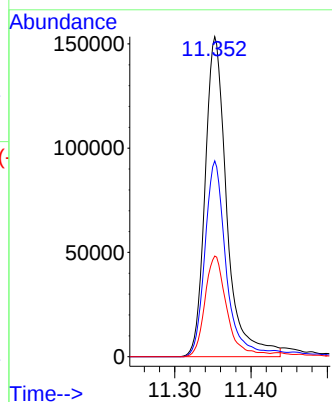
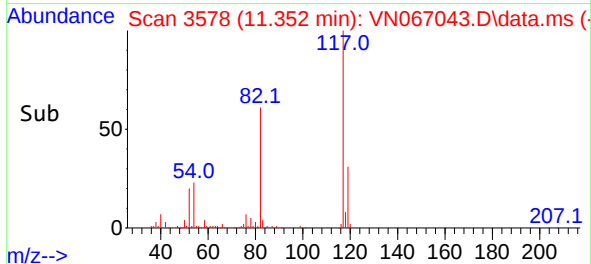
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(MAY)



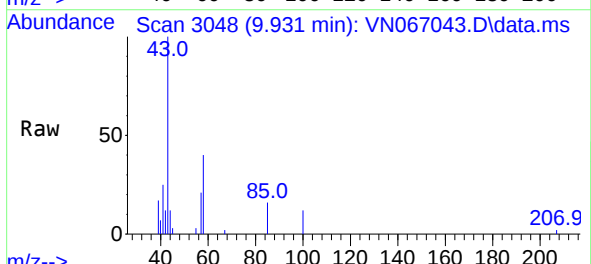
Tgt Ion:	117	Resp:	304095
Ion Ratio	Lower	Upper	
117	100		
82	59.4	49.3	73.9
119	30.8	25.5	38.3

Manual Integrations
APPROVED

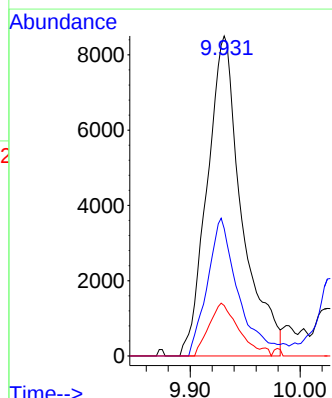
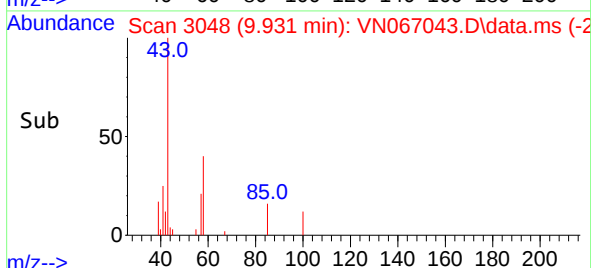
MMDadoda
5/7/2021 6:24:33 PM

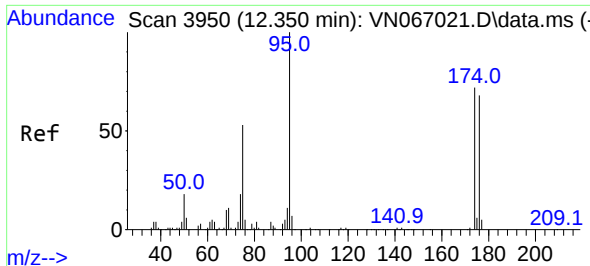


#58
4-Methyl-2-Pentanone
Concen: 3.26 ug/l
RT: 9.931 min Scan# 3048
Delta R.T. 0.008 min
Lab File: VN067043.D
Acq: 7 May 2021 5:34



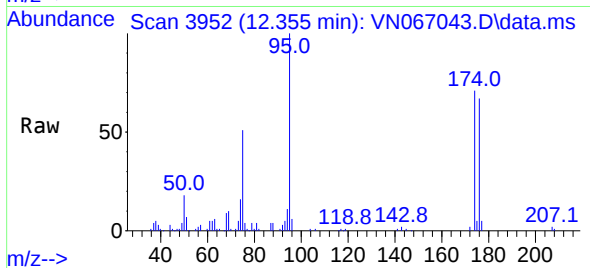
Tgt Ion:	43	Resp:	18539
Ion Ratio	Lower	Upper	
43	100		
58	37.7	30.4	45.6
85	13.9	13.4	20.0





#60
4-Bromofluorobenzene
Concen: 27.71 ug/l m
RT: 12.355 min Scan# 3952
Delta R.T. 0.005 min
Lab File: VN067043.D
Acq: 7 May 2021 5:34

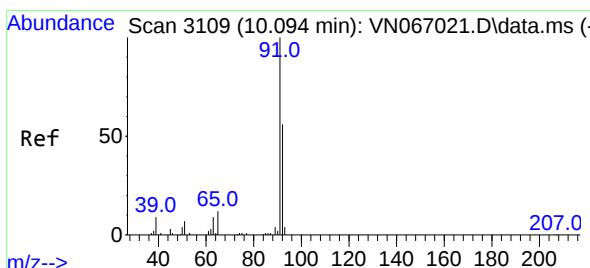
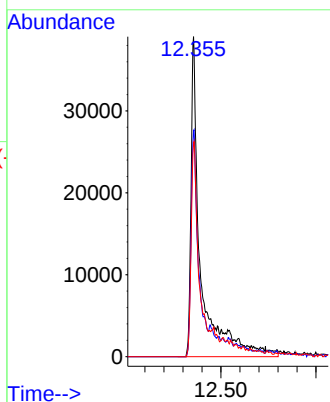
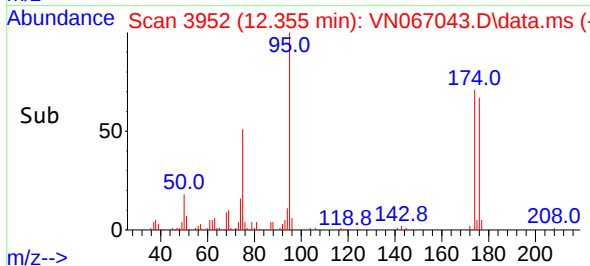
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(MAY)



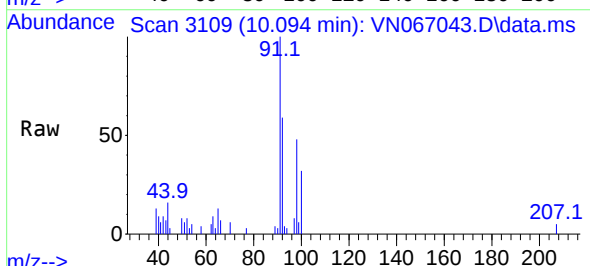
Tgt Ion: 95 Resp: 140168
Ion Ratio Lower Upper
95 100
174 47.1 57.2 85.8#
176 45.8 54.5 81.7#

Manual Integrations
APPROVED

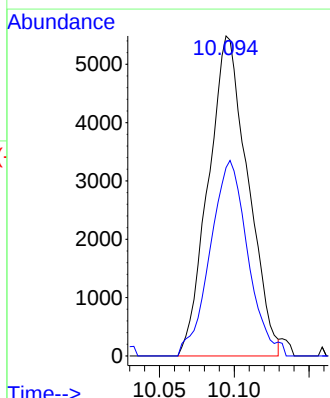
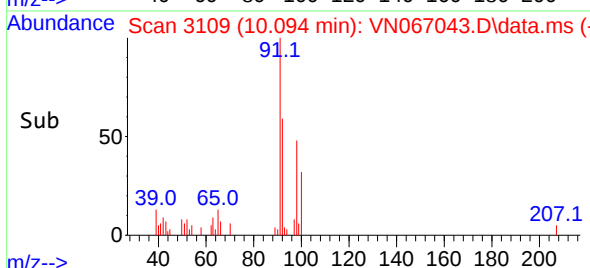
MMDadoda
5/7/2021 6:24:33 PM

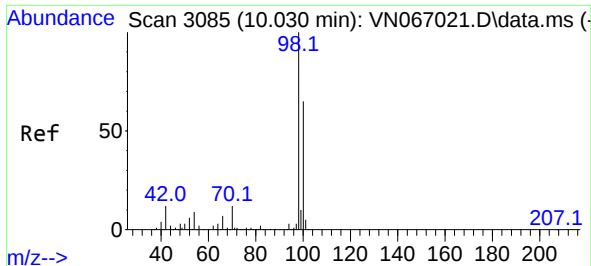


#62
Toluene
Concen: 0.54 ug/l
RT: 10.094 min Scan# 3109
Delta R.T. 0.000 min
Lab File: VN067043.D
Acq: 7 May 2021 5:34

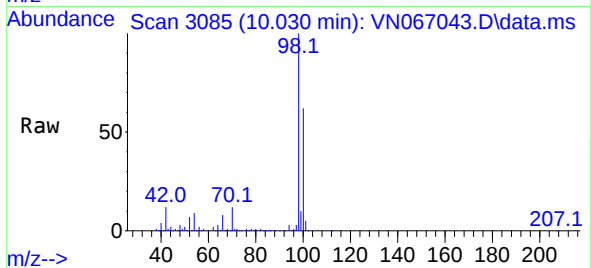


Tgt Ion: 91 Resp: 10068
Ion Ratio Lower Upper
91 100
92 57.4 46.2 69.2

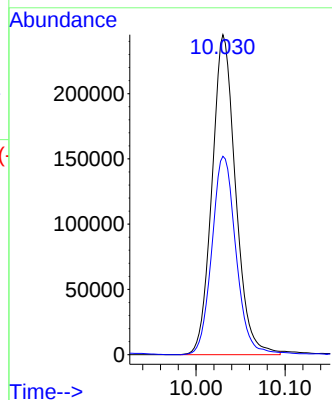
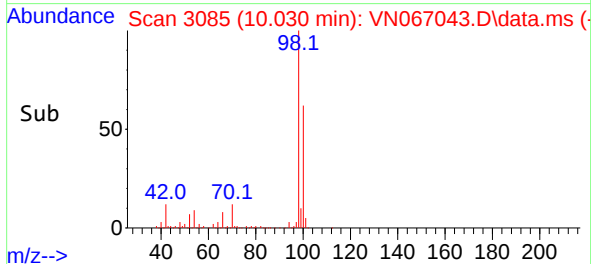




#63
Toluene-d8
Concen: 29.98 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067043.D
Acq: 7 May 2021 5:34



Tgt Ion: 98 Resp: 451635
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7



Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(MAY)

Manual Integrations
APPROVED

MMDadoda
5/7/2021 6:24:33 PM