

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018822.D
 Acq On : 28 Apr 2021 15:55
 Operator : SY/VA
 Sample : M2177-06RE
 Misc : 3.63G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG583RE

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Apr 29 00:15:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 00:13:39 2021
 Response via : Initial Calibration

4/30/2021 10:48:11 AM

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	438239	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	258908	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	76344	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	74504	11.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	44.76%		
7) Chloroethane-d5	2.891	69	83053	14.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.28%		
11) 1,1-Dichloroethene-d2	4.019	63	105540	9.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	36.52%#		
21) 2-Butanone-d5	7.086	46	104666	69.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	138.08%#		
24) Chloroform-d	7.653	84	231734	19.27	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.08%		
26) 1,2-Dichloroethane-d4	8.305	65	140876m	20.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.32%		
32) Benzene-d6	8.281	84	366897	24.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.64%		
36) 1,2-Dichloropropane-d6	9.274	67	132435	28.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	115.72%		
41) Toluene-d8	10.323	98	242436	17.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	69.80%		
43) trans-1,3-Dichloroprop...	10.579	79	36556	18.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.04%		
47) 2-Hexanone-d5	10.927	63	84639	106.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	212.68%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	107651	28.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.64%		
66) 1,2-Dichlorobenzene-d4	13.853	152	52811	19.69	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.76%		
Target Compounds						Qvalue
13) Acetone	4.129	43	31056	28.22	ug/L	87
14) Carbon disulfide	4.391	76	35365	2.06	ug/L	100
16) Methylene chloride	4.922	84	34514	4.81	ug/L	90
22) 2-Butanone	7.183	43	12738m	7.62	ug/L	
29) Cyclohexane	7.964	56	5284	0.83	ug/L	95
33) Benzene	8.323	78	35456	2.18	ug/L	100
35) Methylcyclohexane	9.341	83	20740	2.85	ug/L #	53
42) Toluene	10.390	91	8645	0.50	ug/L	94
51) Chlorobenzene	11.658	112	8419	0.78	ug/L	88
52) Ethylbenzene	11.731	91	96356	5.00	ug/L	94
53) m,p-Xylene	11.835	106	38559	5.45	ug/L	91
54) o-Xylene	12.164	106	34312	5.05	ug/L	95
60) Isopropylbenzene	12.463	105	36162m	3.22	ug/L	
62) 1,3,5-Trimethylbenzene	12.944	105	96001	10.32	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	196622	21.18	ug/L	98

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

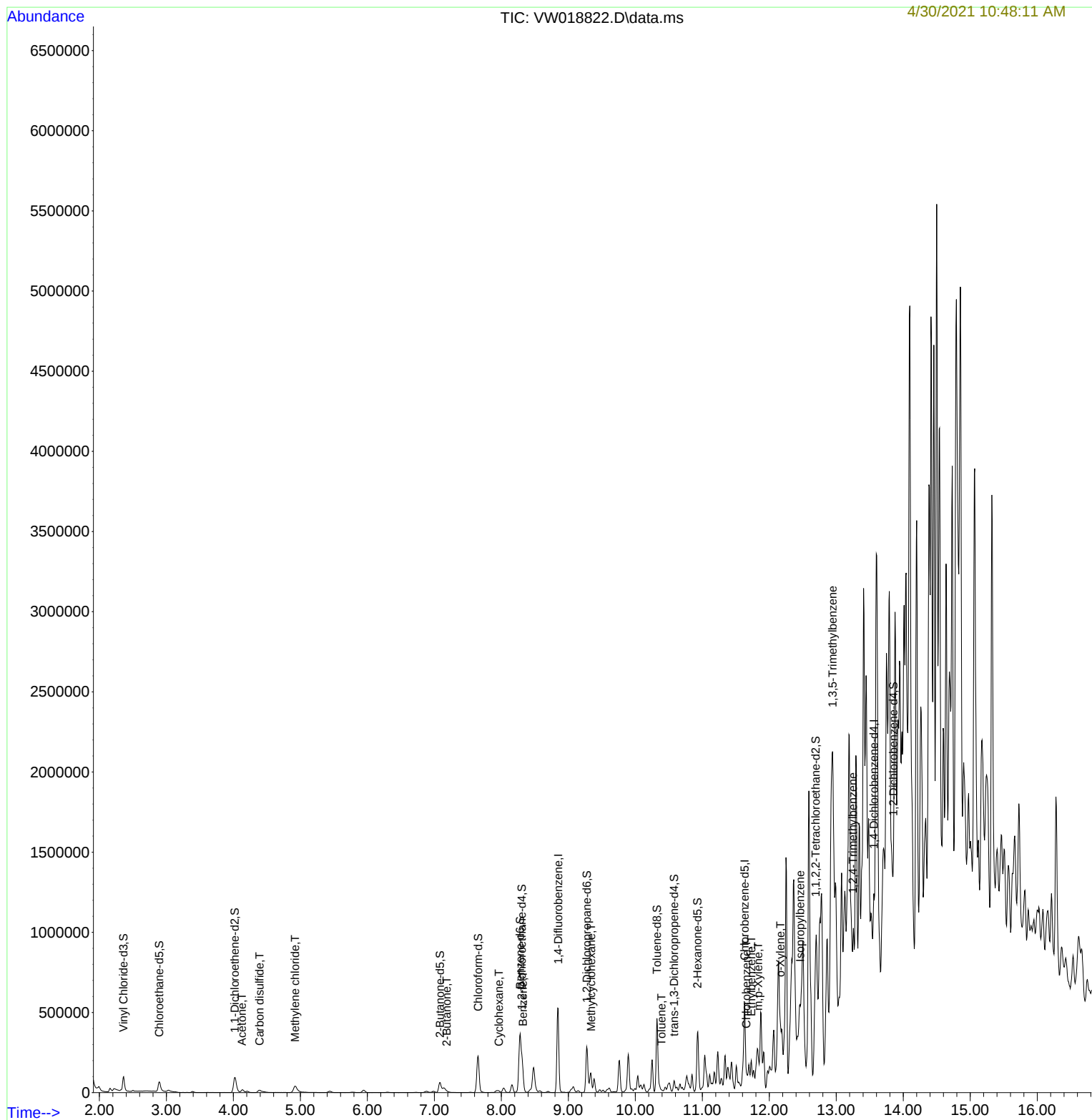
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
Data File : VW018822.D
Acq On : 28 Apr 2021 15:55
Operator : SY/VA
Sample : M2177-06RE
Misc : 3.63G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

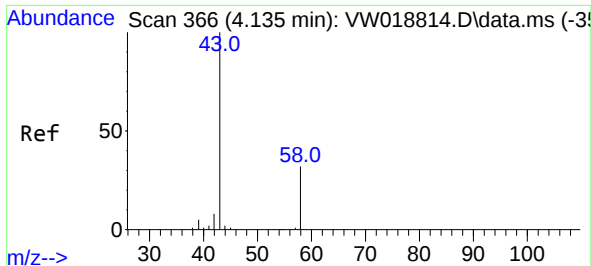
Instrument :
MSVOA_W
ClientSampleId :
BG583RE

Manual Integrations
APPROVED

MMDadoda

Quant Time: Apr 29 00:15:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 29 00:13:39 2021
Response via : Initial Calibration





#13
Acetone
Concen: 28.22 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55

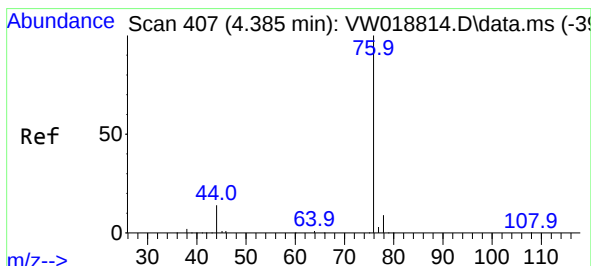
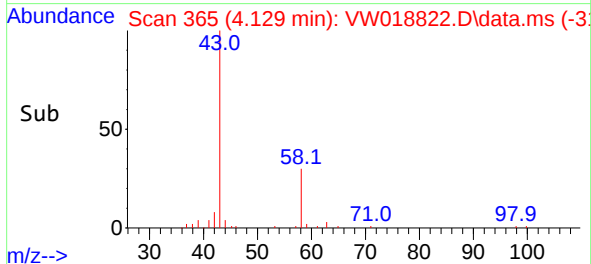
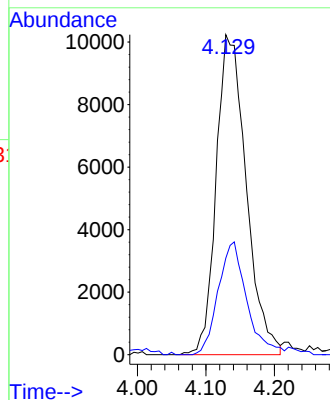
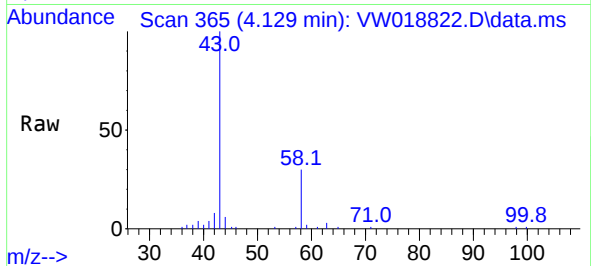
Tgt Ion: 43 Resp: 31056
Ion Ratio Lower Upper
43 100
58 33.6 0.0 53.8

Instrument :
MSVOA_W
ClientSampled :
BG583RE

Manual Integrations
APPROVED

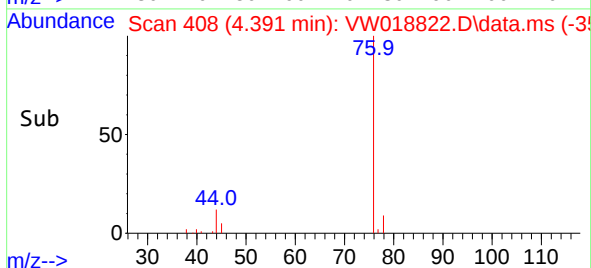
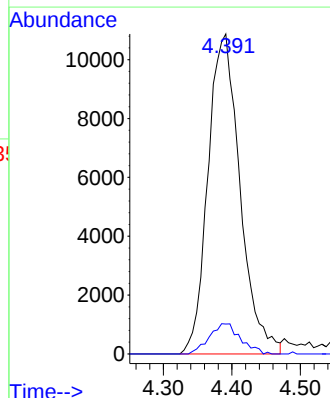
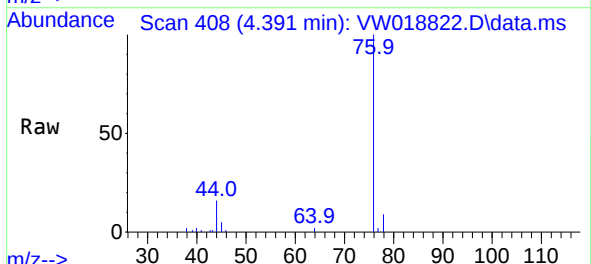
MMDadoda

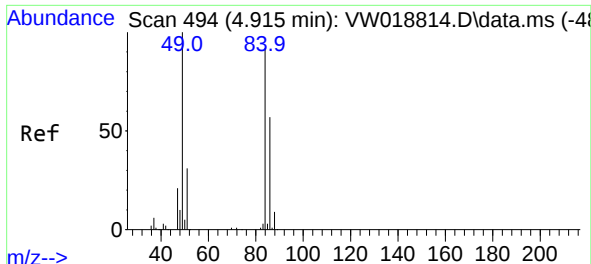
4/30/2021 10:48:11 AM



#14
Carbon disulfide
Concen: 2.06 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55

Tgt Ion: 76 Resp: 35365
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





#16
Methylene chloride
Concen: 4.81 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55

Tgt Ion: 84 Resp: 34514

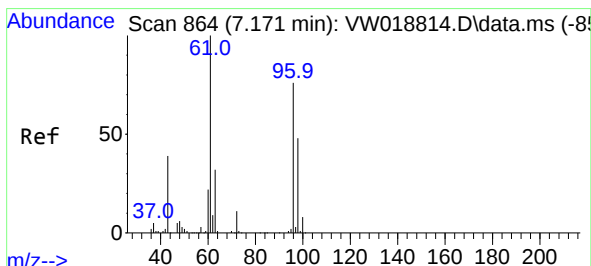
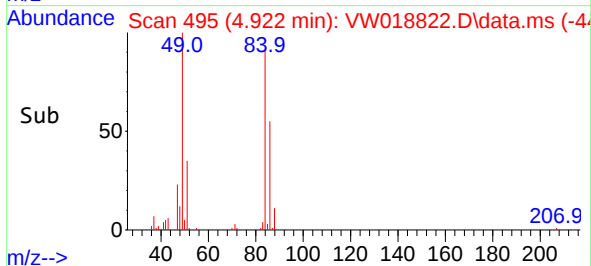
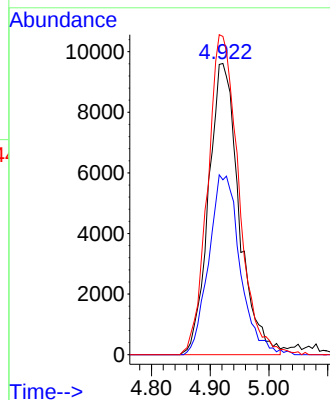
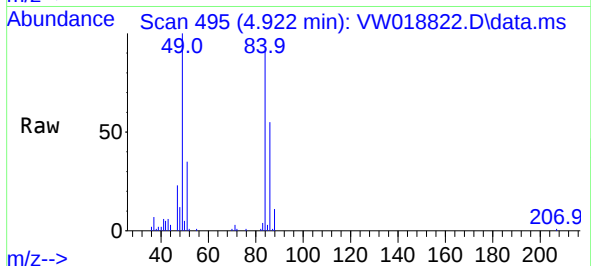
Ion	Ratio	Lower	Upper
84	100		
86	60.1	45.3	84.1
49	109.3	86.6	160.8

Instrument :
MSVOA_W
ClientSampled :
BG583RE

Manual Integrations
APPROVED

MMDadoda

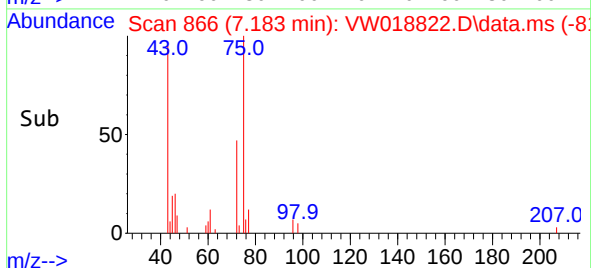
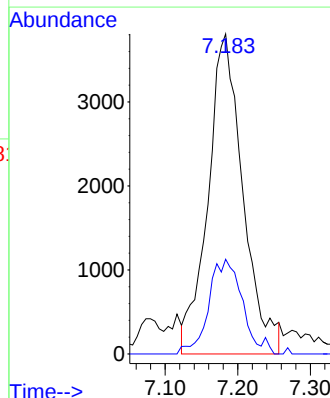
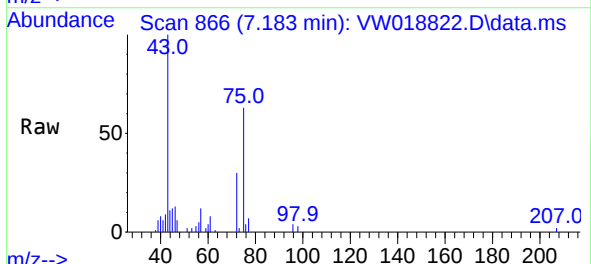
4/30/2021 10:48:11 AM

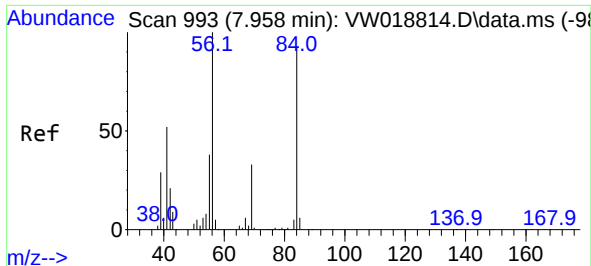


#22
2-Butanone
Concen: 7.62 ug/L m
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55

Tgt Ion: 43 Resp: 12738

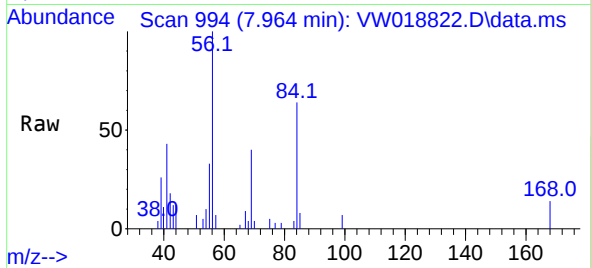
Ion	Ratio	Lower	Upper
43	100		
72	0.8	14.9	44.7#





#29
Cyclohexane
Concen: 0.83 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55

Instrument :
MSVOA_W
ClientSampled :
BG583RE



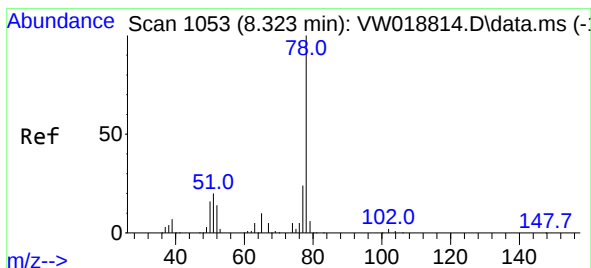
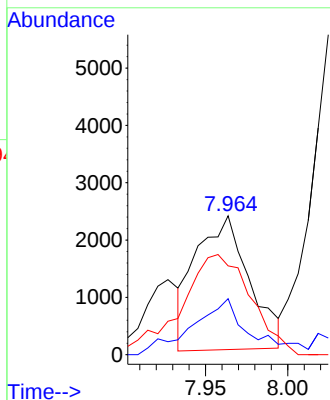
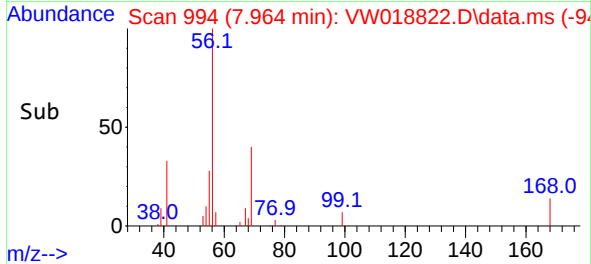
Tgt Ion: 56 Resp: 5284

Ion	Ratio	Lower	Upper
56	100		
69	34.1	24.5	36.7
84	98.5	75.0	112.4

Manual Integrations
APPROVED

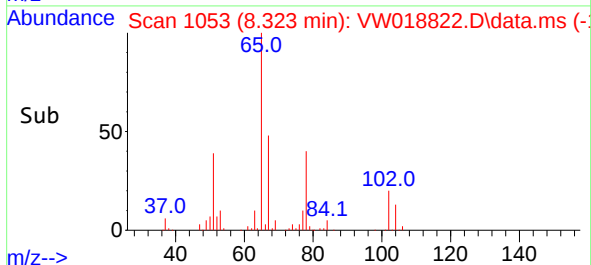
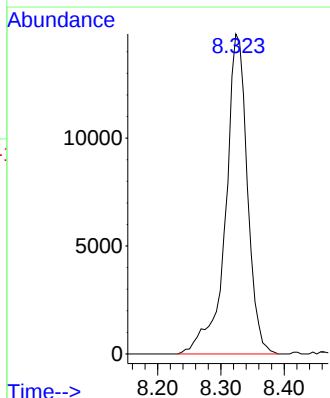
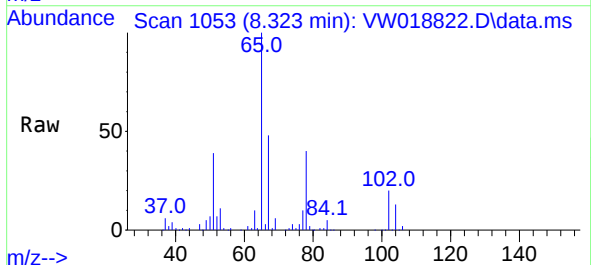
MMDadoda

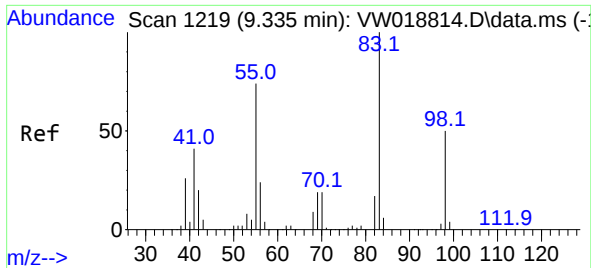
4/30/2021 10:48:11 AM



#33
Benzene
Concen: 2.18 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55

Tgt Ion: 78 Resp: 35456





#35
Methylcyclohexane
Concen: 2.85 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55

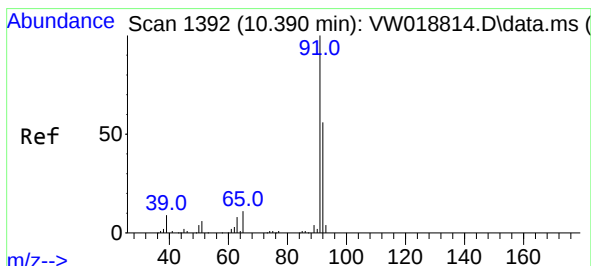
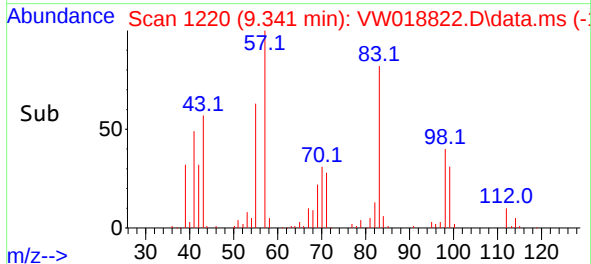
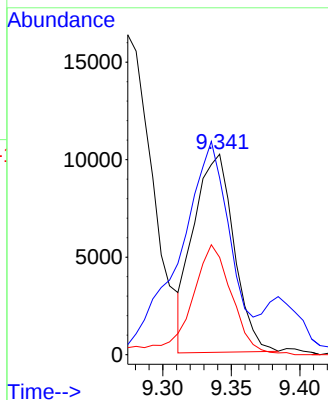
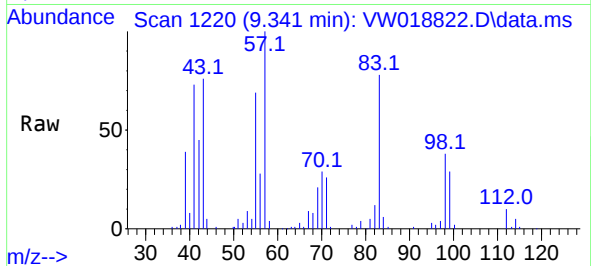
Tgt Ion: 83 Resp: 20740
Ion Ratio Lower Upper
83 100
55 137.6 58.9 88.3#
98 53.5 40.1 60.1

Instrument :
MSVOA_W
ClientSampled :
BG583RE

Manual Integrations
APPROVED

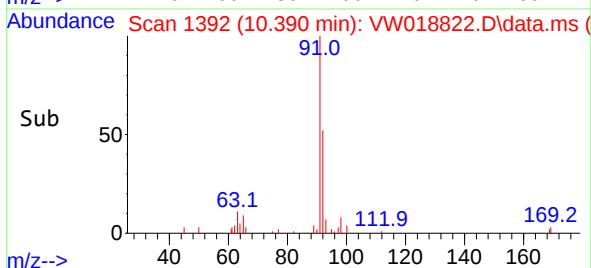
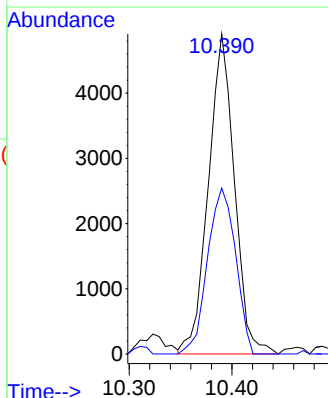
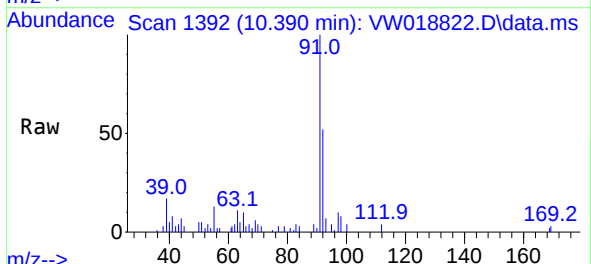
MMDadoda

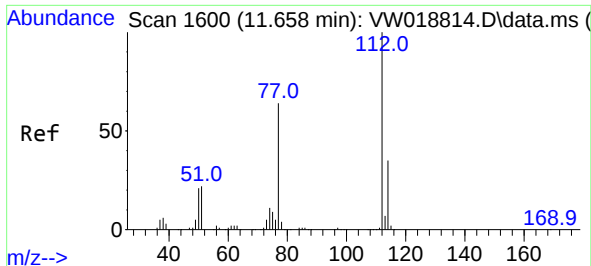
4/30/2021 10:48:11 AM



#42
Toluene
Concen: 0.50 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55

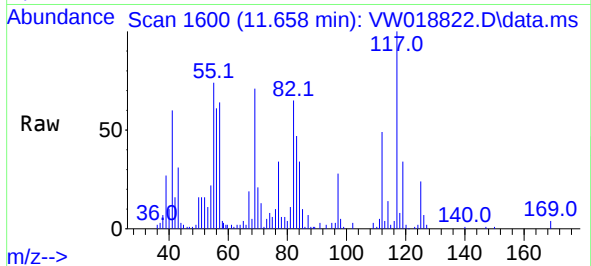
Tgt Ion: 91 Resp: 8645
Ion Ratio Lower Upper
91 100
92 51.9 39.5 73.3





#51
Chlorobenzene
Concen: 0.78 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55

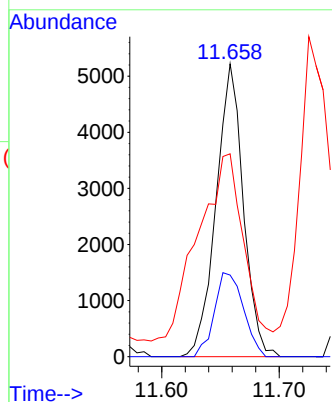
Instrument :
MSVOA_W
ClientSampled :
BG583RE



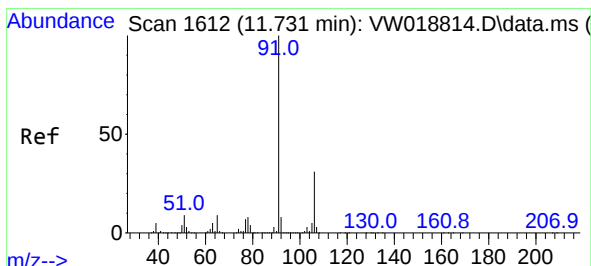
Tgt Ion:112 Resp: 8419
Ion Ratio Lower Upper
112 100
114 27.9 23.4 43.6
77 69.3 47.6 71.4

Manual Integrations
APPROVED

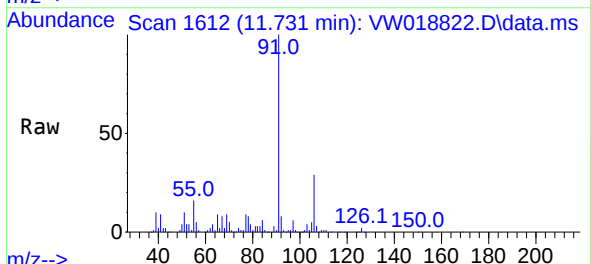
MMDadoda



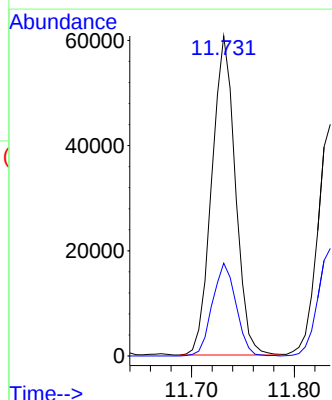
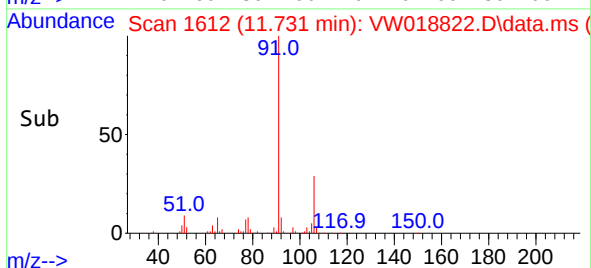
4/30/2021 10:48:11 AM

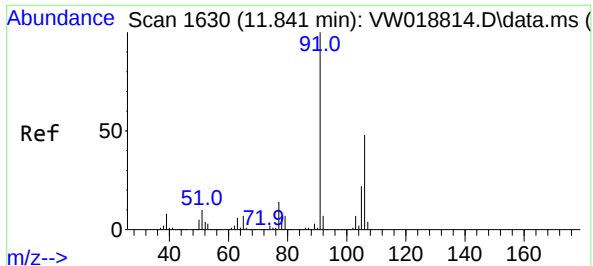


#52
Ethylbenzene
Concen: 5.00 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55



Tgt Ion: 91 Resp: 96356
Ion Ratio Lower Upper
91 100
106 29.0 22.5 41.7





#53
m,p-Xylene
Concen: 5.45 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55

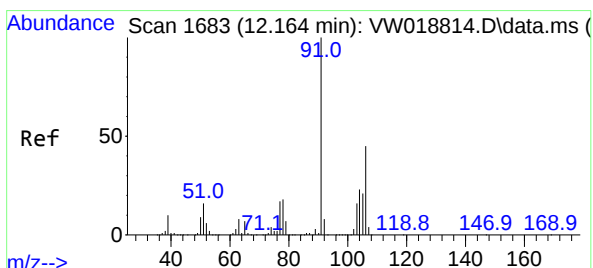
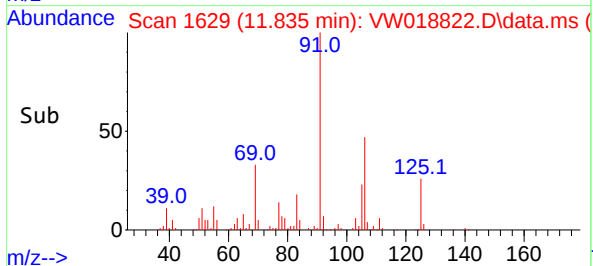
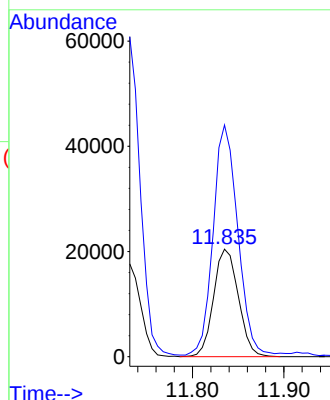
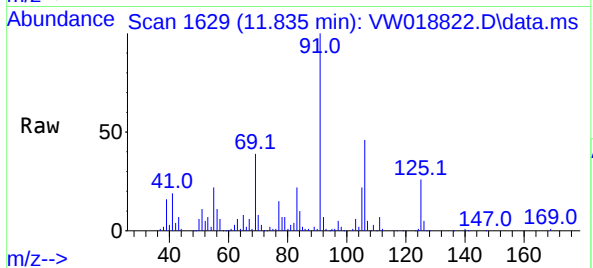
Tgt Ion:106 Resp: 38559
Ion Ratio Lower Upper
106 100
91 215.6 141.3 262.3

Instrument :
MSVOA_W
ClientSampled :
BG583RE

Manual Integrations
APPROVED

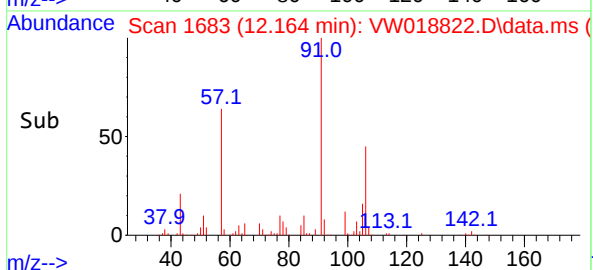
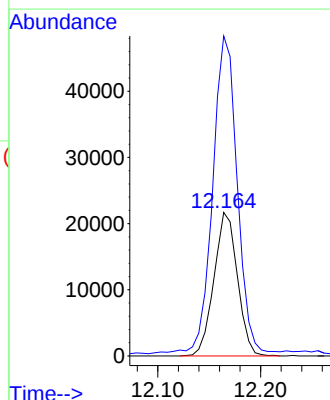
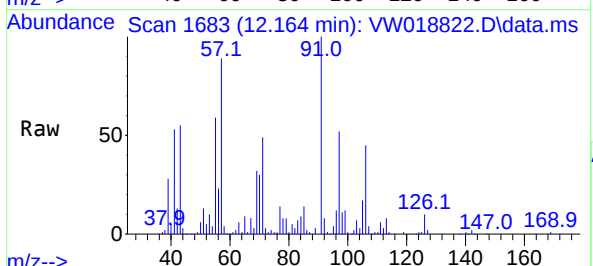
MMDadoda

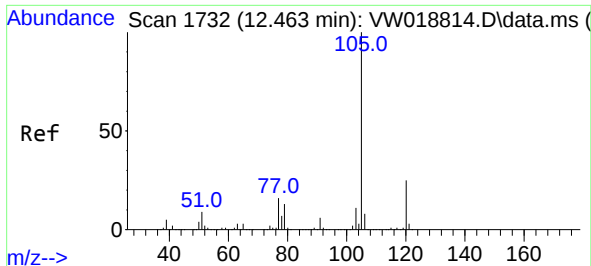
4/30/2021 10:48:11 AM



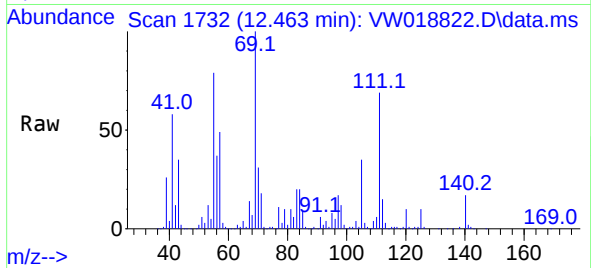
#54
o-Xylene
Concen: 5.05 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55

Tgt Ion:106 Resp: 34312
Ion Ratio Lower Upper
106 100
91 223.0 150.0 278.6

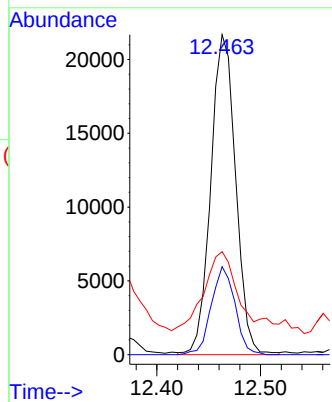
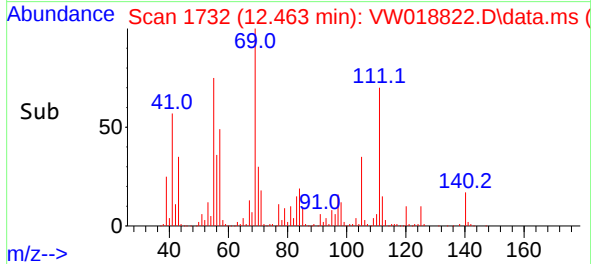




#60
Isopropylbenzene
Concen: 3.22 ug/L m
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55



Tgt Ion:105 Resp: 36162
Ion Ratio Lower Upper
105 100
120 124.3 21.1 31.7#
77 81.2 13.2 19.8#

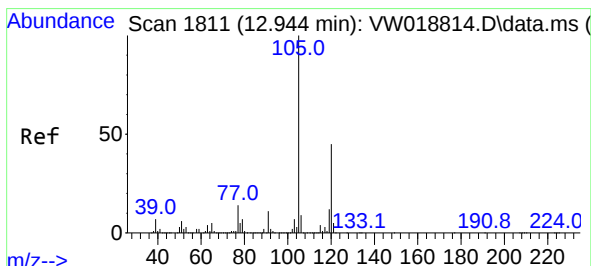


Instrument :
MSVOA_W
ClientSampled :
BG583RE

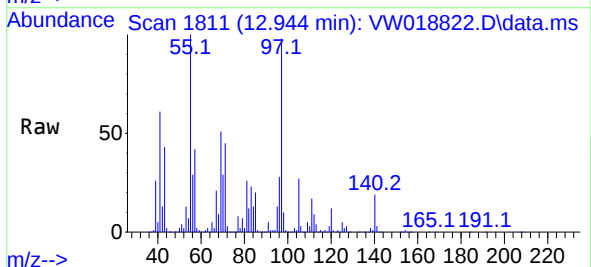
Manual Integrations
APPROVED

MMDadoda

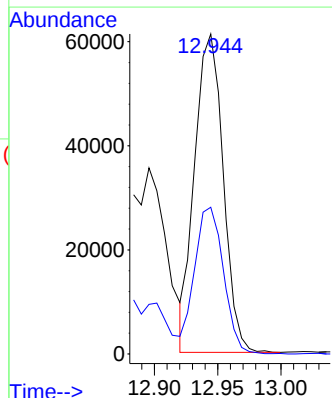
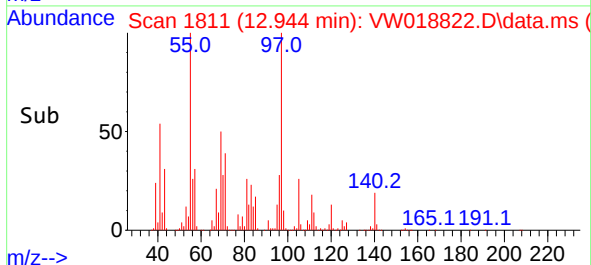
4/30/2021 10:48:11 AM

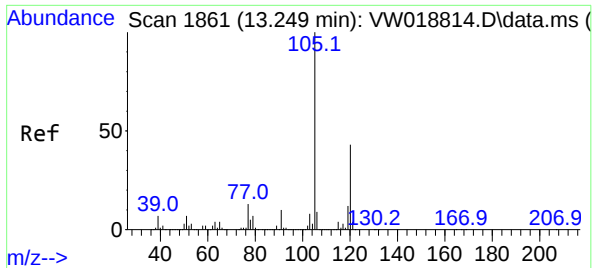


#62
1,3,5-Trimethylbenzene
Concen: 10.32 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018822.D
Acq: 28 Apr 2021 15:55



Tgt Ion:105 Resp: 96001
Ion Ratio Lower Upper
105 100
120 46.5 39.0 58.6



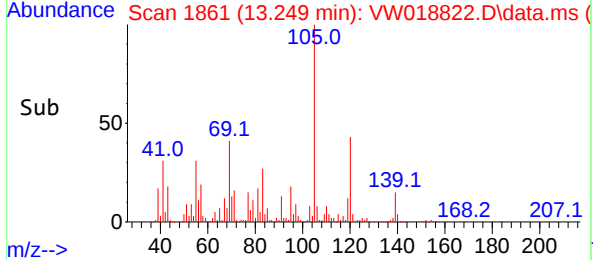
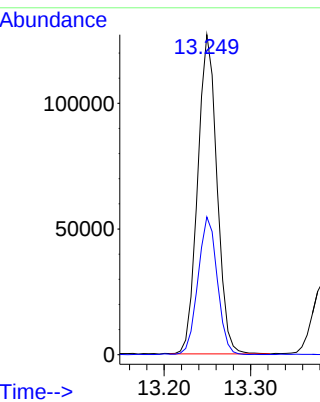
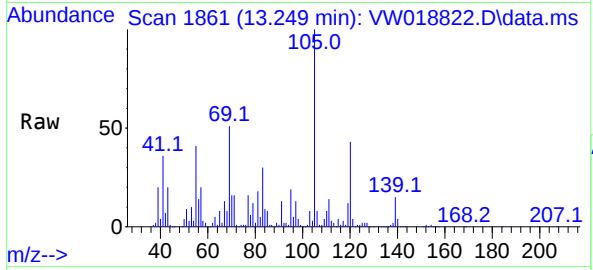


#63
 1,2,4-Trimethylbenzene
 Concen: 21.18 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW018822.D
 Acq: 28 Apr 2021 15:55

Tgt Ion:105 Resp: 196622
 Ion Ratio Lower Upper
 105 100
 120 42.9 35.6 53.4

Instrument :
 MSVOA_W
 ClientSampleId :
 BG583RE

Manual Integrations
 APPROVED
 MMDadoda



4/30/2021 10:48:11 AM