

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032221\
 Data File : VW018417.D
 Acq On : 22 Mar 2021 12:42
 Operator : SY/VA
 Sample : M1698-08
 Misc : 4.75G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4H2

Manual Integrations
 APPROVED

SAM
 3/26/2021 6:05:05 PM

3/26/2021 6:05:05 PM

Quant Time: Mar 23 01:16:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 23 01:15:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	452841	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	398508	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	169579	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	154125	24.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.84%		
7) Chloroethane-d5	2.891	69	132837	24.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.32%		
10) 1,1-Dichloroethene-d2	4.019	63	187260	17.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.84%		
20) 2-Butanone-d5	7.080	46	61596	43.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.80%		
24) Chloroform-d	7.647	84	264632	22.94	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.76%		
26) 1,2-Dichloroethane-d4	8.305	65	156897	23.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.20%		
29) Benzene-d6	8.275	84	524882	24.78	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.12%		
33) 1,2-Dichloropropane-d6	9.274	67	147114	24.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.28%		
37) Toluene-d8	10.323	98	491810	24.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.44%		
38) trans-1,3-Dichloroprop...	10.579	79	67448	21.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.60%		
39) 2-Hexanone-d5	10.927	63	51444	43.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.04%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	118709	21.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.88%		
61) 1,2-Dichlorobenzene-d4	13.853	152	144490	23.97	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.88%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	8414	8.35	ug/L	99
14) Carbon disulfide	4.385	76	12542	0.73	ug/L	99
16) Methylene chloride	4.928	84	14695m	1.98	ug/L	
35) Trichloroethene	9.092	95	4683	0.73	ug/L	98
47) Tetrachloroethene	10.860	164	52388	10.82	ug/L	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032221\
Data File : VW018417.D
Acq On : 22 Mar 2021 12:42
Operator : SY/VA
Sample : M1698-08
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

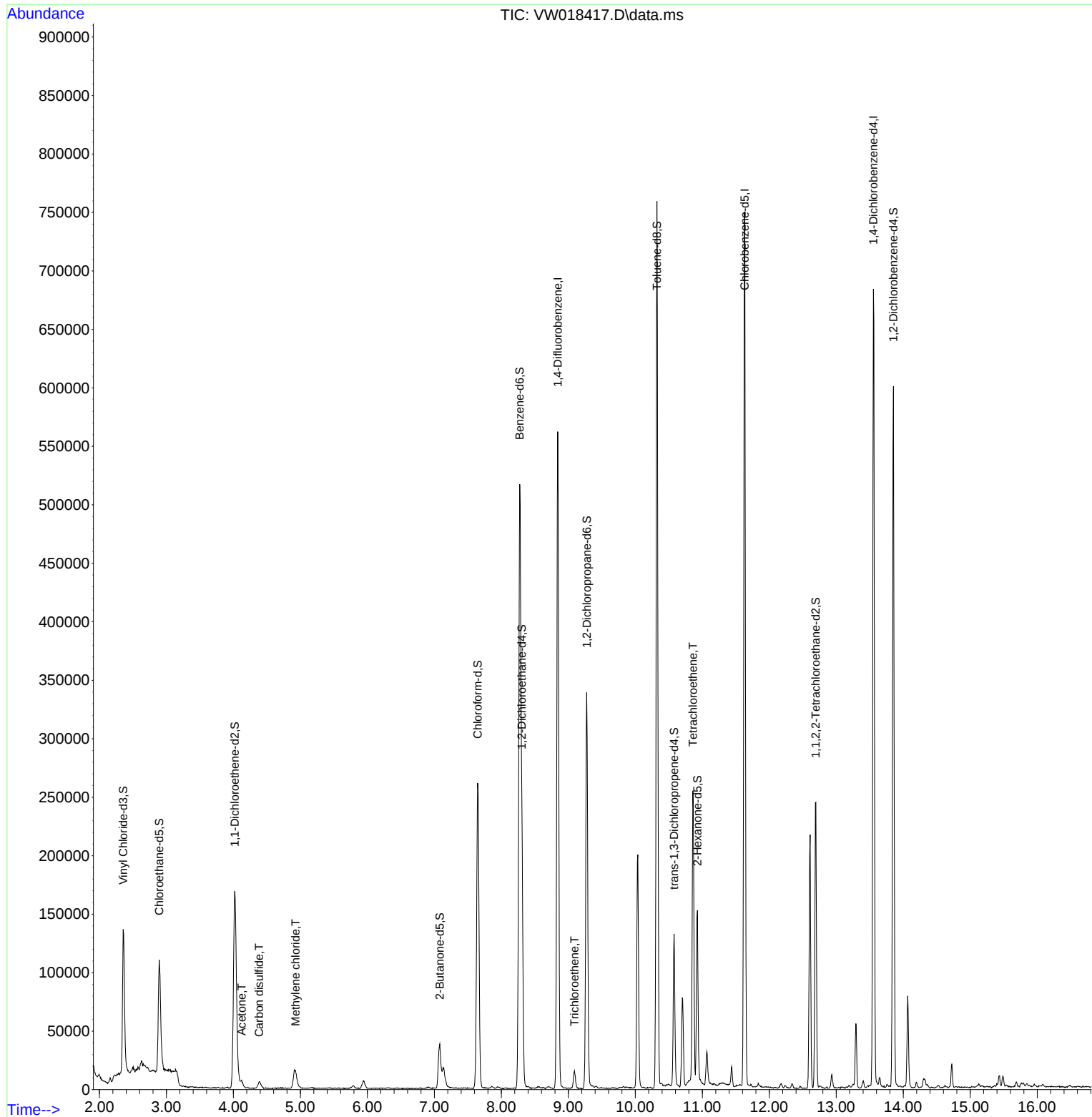
Instrument :
MSVOA_W
ClientSampleId :
BG4H2

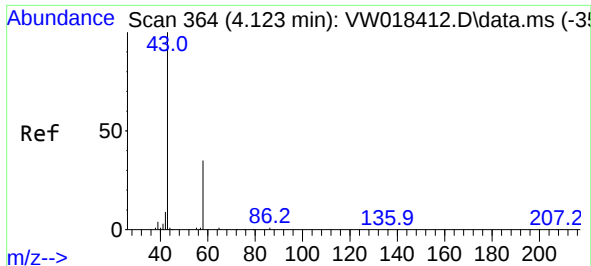
Manual Integrations
APPROVED

SAM
3/26/2021 6:05:05 PM

3/26/2021 6:05:05 PM

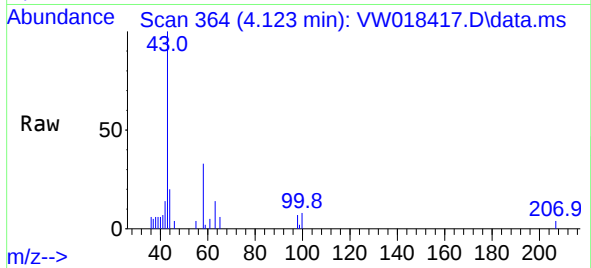
Quant Time: Mar 23 01:16:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 23 01:15:18 2021
Response via : Initial Calibration





#13
Acetone
Concen: 8.35 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018417.D
Acq: 22 Mar 2021 12:42

Instrument :
MSVOA_W
ClientSampleId :
BG4H2

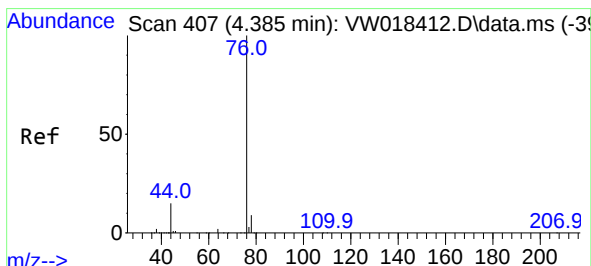
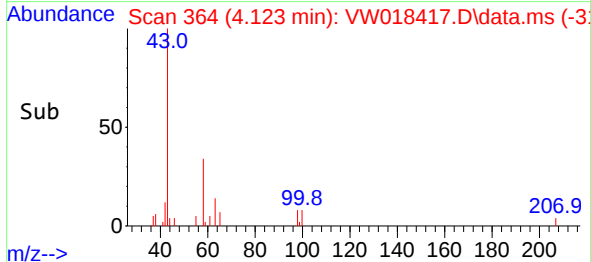
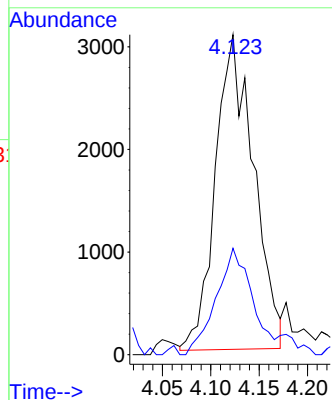


Tgt Ion: 43 Resp: 8414
Ion Ratio Lower Upper
43 100
58 31.8 0.0 62.2

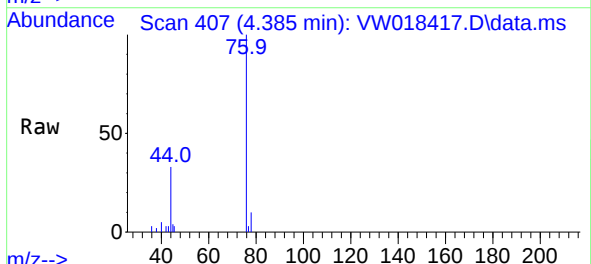
Manual Integrations
APPROVED

SAM
3/26/2021 6:05:05 PM

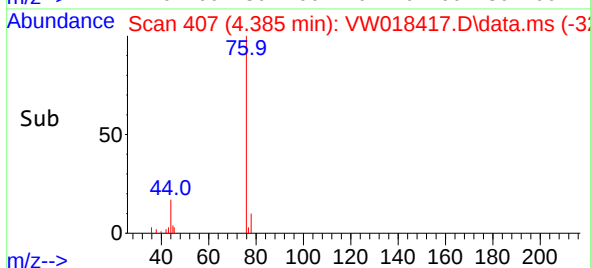
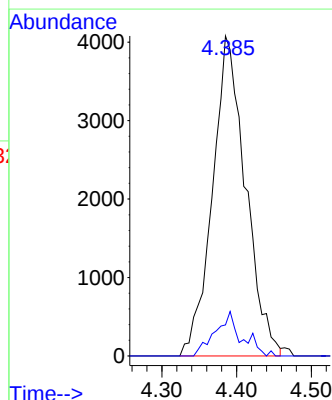
3/26/2021 6:05:05 PM

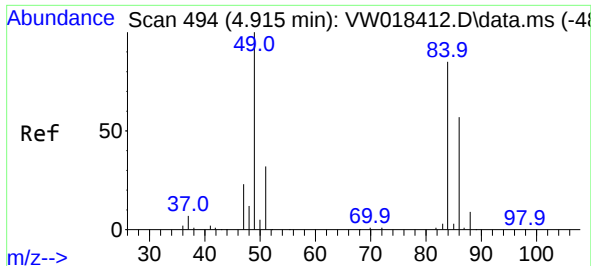


#14
Carbon disulfide
Concen: 0.73 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018417.D
Acq: 22 Mar 2021 12:42

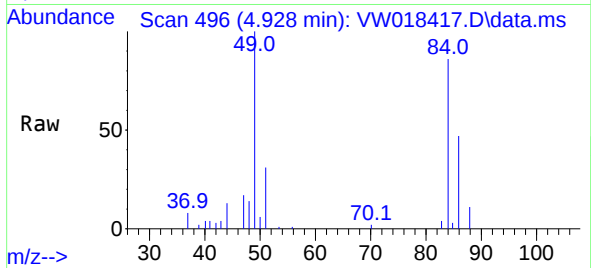


Tgt Ion: 76 Resp: 12542
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

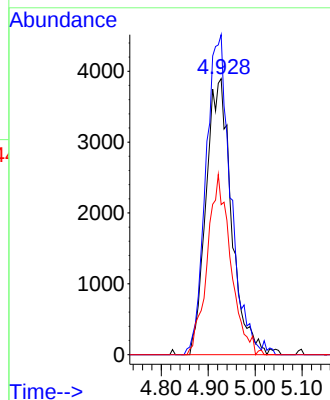
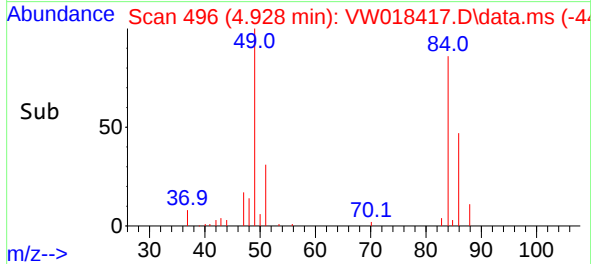




#16
Methylene chloride
Concen: 1.98 ug/L m
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018417.D
Acq: 22 Mar 2021 12:42



Tgt Ion: 84 Resp: 14695
Ion Ratio Lower Upper
84 100
49 116.0 74.4 138.2
86 54.4 46.1 85.7

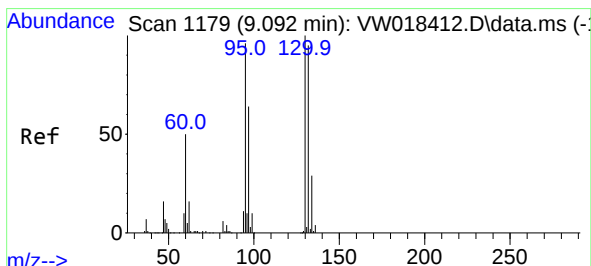


Instrument :
MSVOA_W
ClientSampleId :
BG4H2

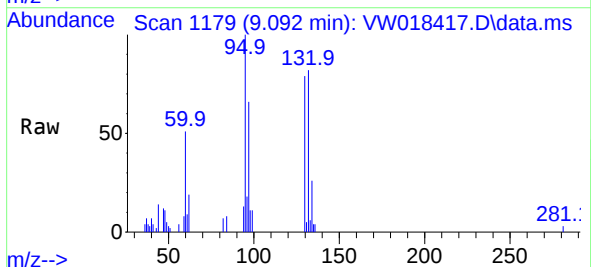
Manual Integrations
APPROVED

SAM
3/26/2021 6:05:05 PM

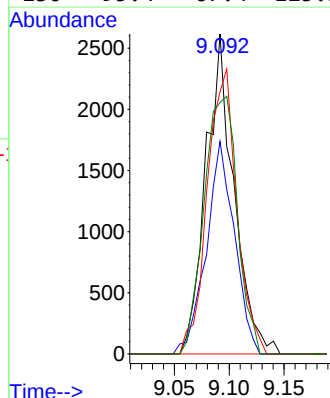
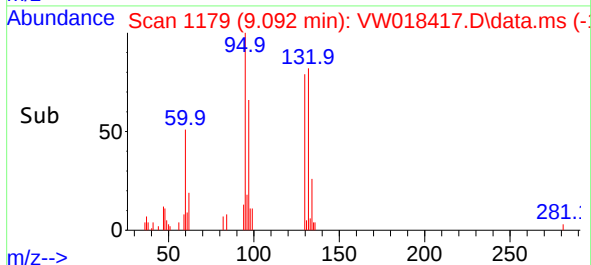
3/26/2021 6:05:05 PM

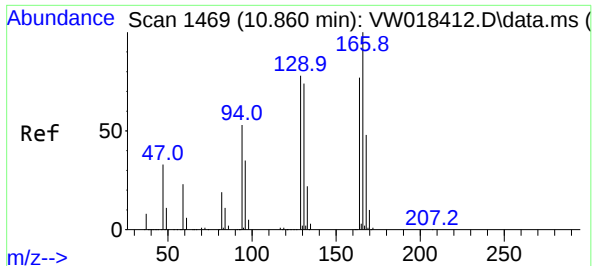


#35
Trichloroethene
Concen: 0.73 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018417.D
Acq: 22 Mar 2021 12:42

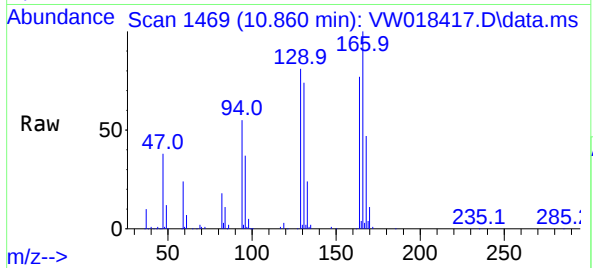


Tgt Ion: 95 Resp: 4683
Ion Ratio Lower Upper
95 100
97 66.3 44.4 82.4
132 93.5 65.9 122.5
130 95.4 67.4 125.2



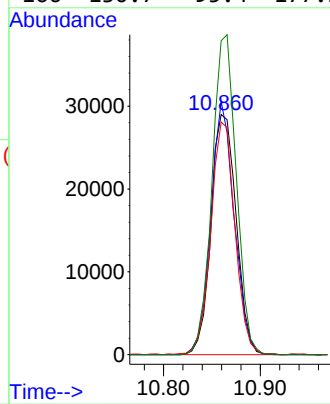
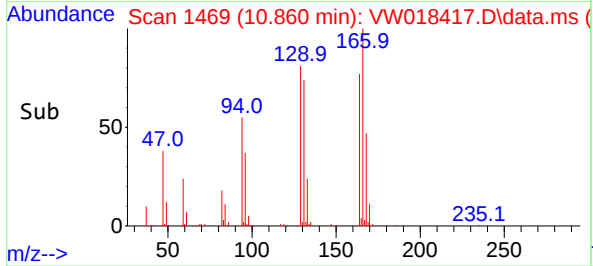


#47
Tetrachloroethene
Concen: 10.82 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018417.D
Acq: 22 Mar 2021 12:42



Tgt Ion:164 Resp: 52388

Ion	Ratio	Lower	Upper
164	100		
129	105.4	68.8	127.8
131	96.8	68.3	126.8
166	130.7	95.4	177.2



Instrument :
MSVOA_W
ClientSampleId :
BG4H2

Manual Integrations
APPROVED

SAM
3/26/2021 6:05:05 PM

3/26/2021 6:05:05 PM