

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
 Data File : VW018603.D
 Acq On : 08 Apr 2021 15:07
 Operator : SY/VA
 Sample : M1968-09
 Misc : 5.54G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5B3

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 7:55:39 PM

Quant Time: Apr 09 03:13:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	521263	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	473330	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	230271	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	114806	15.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.32%		
7) Chloroethane-d5	2.891	69	104364	16.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.76%		
10) 1,1-Dichloroethene-d2	4.019	63	141854	11.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	45.32%		
20) 2-Butanone-d5	7.085	46	52722	32.65	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.30%		
24) Chloroform-d	7.646	84	213599	16.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	64.36%		
26) 1,2-Dichloroethane-d4	8.305	65	129041	16.65	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	66.60%#		
29) Benzene-d6	8.274	84	414483	16.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	65.88%		
33) 1,2-Dichloropropane-d6	9.274	67	122796	16.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	67.68%#		
37) Toluene-d8	10.329	98	408360	16.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	67.40%		
38) trans-1,3-Dichloroprop...	10.579	79	43456	11.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	46.44%		
39) 2-Hexanone-d5	10.926	63	42833	30.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	60.30%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	106559	16.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	65.64%		
61) 1,2-Dichlorobenzene-d4	13.853	152	130047	15.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	63.56%#		
Target Compounds					Qvalue	
13) Acetone	4.129	43	13052	11.25	ug/L	98
16) Methylene chloride	4.915	84	15208m	1.78	ug/L	
21) 2-Butanone	7.189	43	4923m	2.67	ug/L	
44) Toluene	10.390	91	14964	0.48	ug/L	88

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

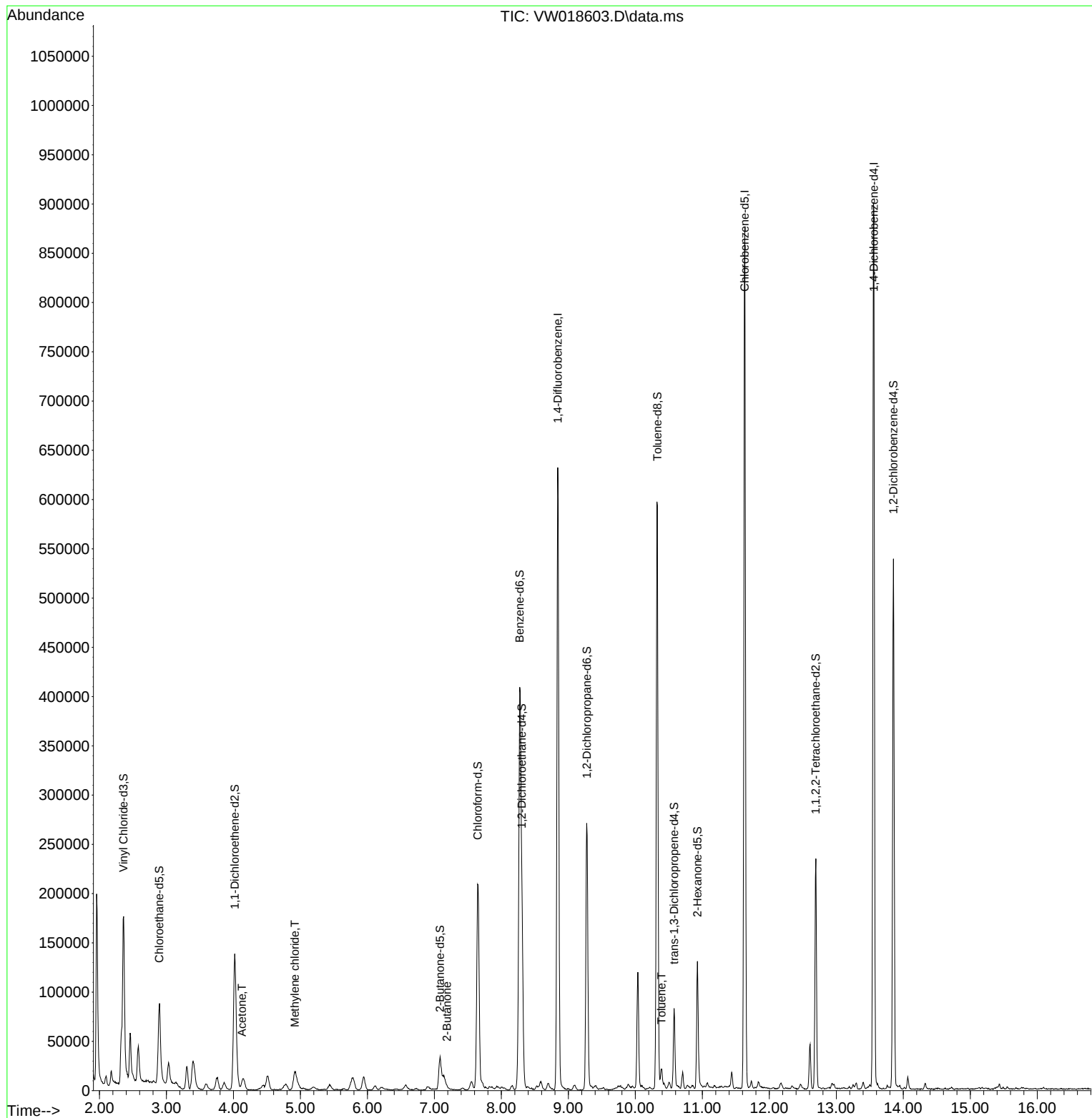
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040821\
Data File : VW018603.D
Acq On : 08 Apr 2021 15:07
Operator : SY/VA
Sample : M1968-09
Misc : 5.54G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

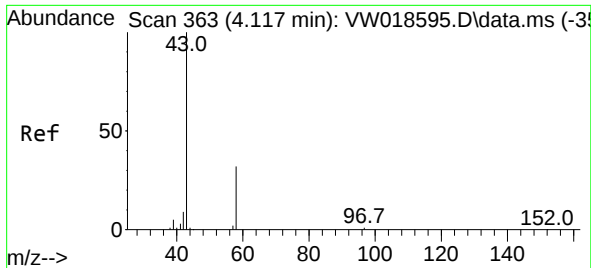
Instrument :
MSVOA_W
ClientSampleId :
BG5B3

Manual Integrations
APPROVED

MMDadoda
4/9/2021 7:55:39 PM

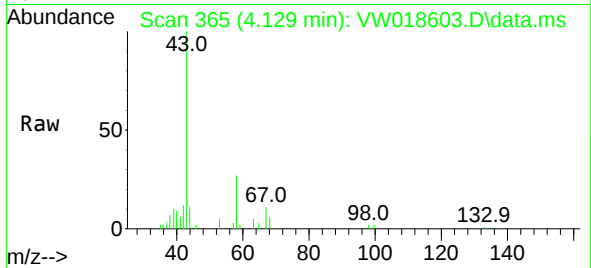
Quant Time: Apr 09 03:13:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 09 03:11:49 2021
Response via : Initial Calibration





#13
Acetone
Concen: 11.25 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018603.D
Acq: 08 Apr 2021 15:07

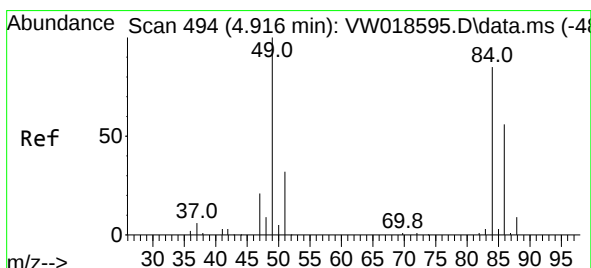
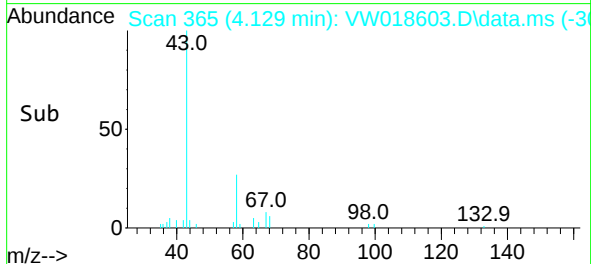
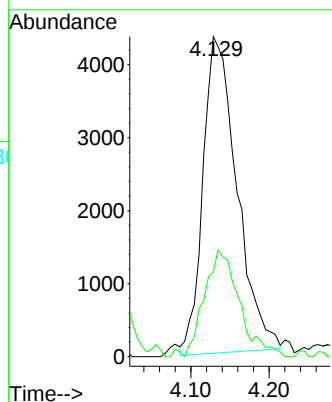
Instrument :
MSVOA_W
ClientSampled :
BG5B3



Tgt Ion: 43 Resp: 13052
Ion Ratio Lower Upper
43 100
58 31.9 0.0 62.2

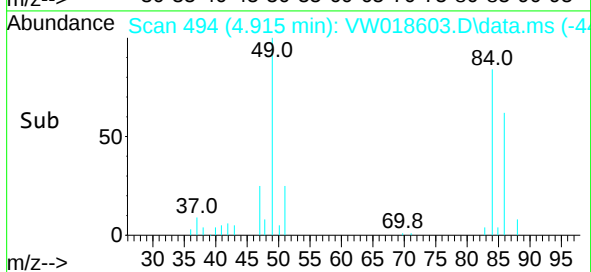
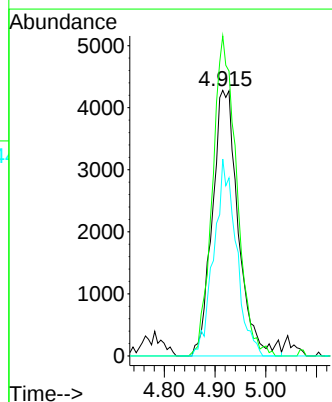
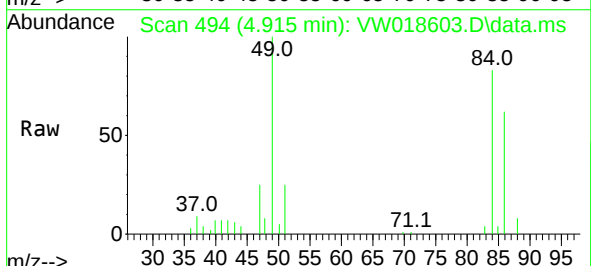
Manual Integrations
APPROVED

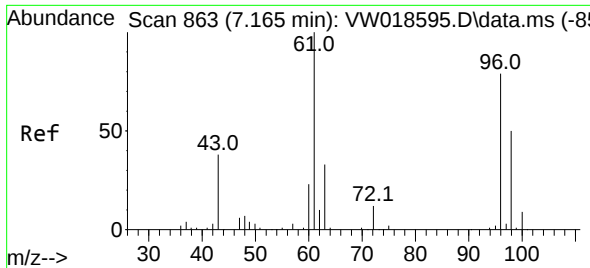
MMDadoda
4/9/2021 7:55:39 PM



#16
Methylene chloride
Concen: 1.78 ug/L m
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018603.D
Acq: 08 Apr 2021 15:07

Tgt Ion: 84 Resp: 15208
Ion Ratio Lower Upper
84 100
49 120.5 74.4 138.2
86 74.2 46.1 85.7





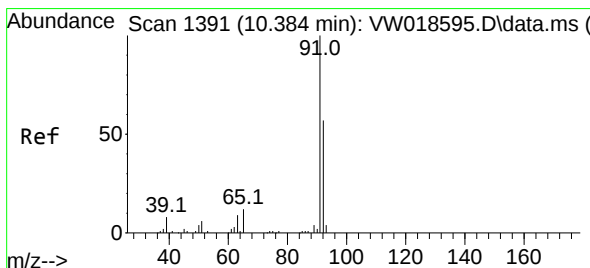
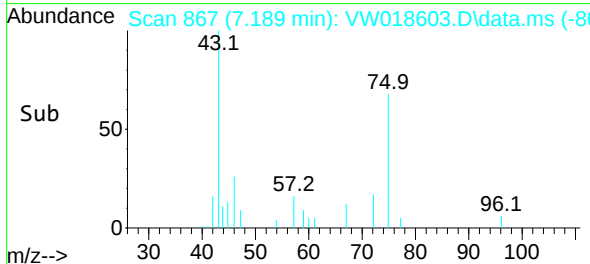
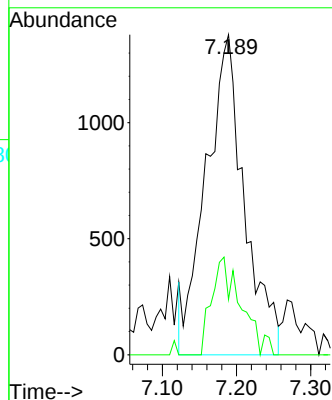
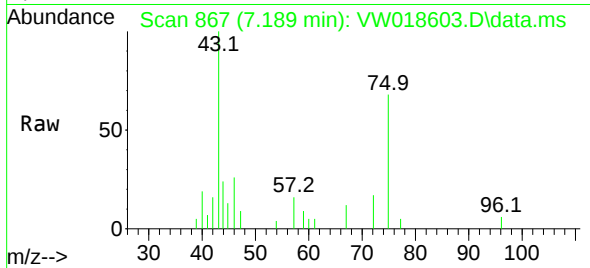
#21
2-Butanone
Concen: 2.67 ug/L m
RT: 7.189 min Scan# 867
Delta R.T. 0.024 min
Lab File: VW018603.D
Acq: 08 Apr 2021 15:07

Tgt Ion: 43 Resp: 4923
Ion Ratio Lower Upper
43 100
72 13.0 16.5 49.5#

Instrument :
MSVOA_W
ClientSampled :
BG5B3

Manual Integrations
APPROVED

MMDadoda
4/9/2021 7:55:39 PM



#44
Toluene
Concen: 0.48 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018603.D
Acq: 08 Apr 2021 15:07

Tgt Ion: 91 Resp: 14964
Ion Ratio Lower Upper
91 100
92 51.1 42.3 78.5

