

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060622\
Data File : VV025997.D
Acq On : 06 Jun 2022 13:10
Operator : SY/MD
Sample : N3171-03MEMS
Misc : 5.25g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBTY9MEMS

Manual IntegrationsAPPROVED

Reviewed By :John

Carlone

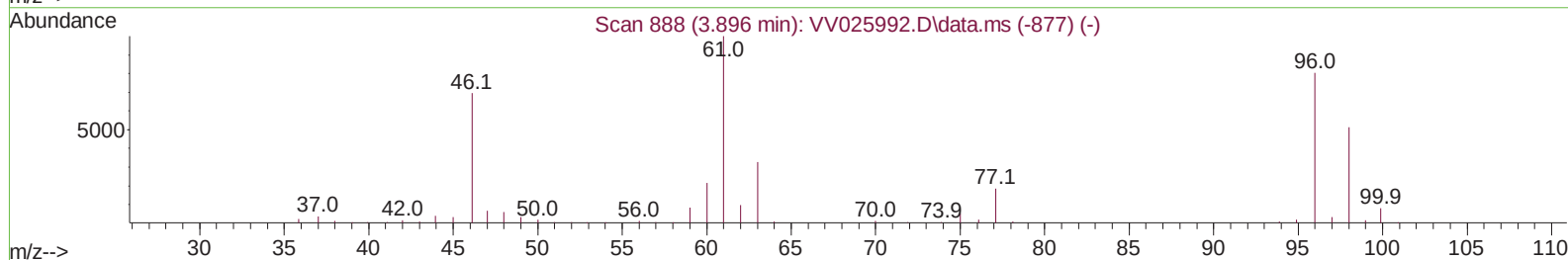
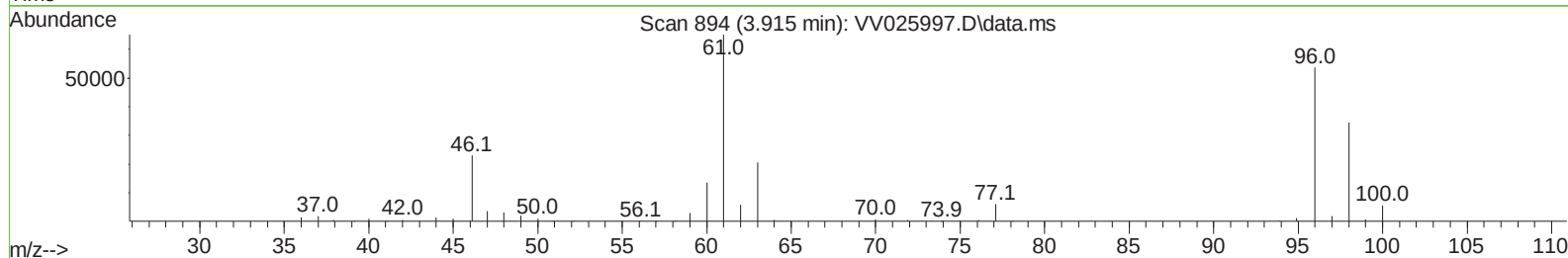
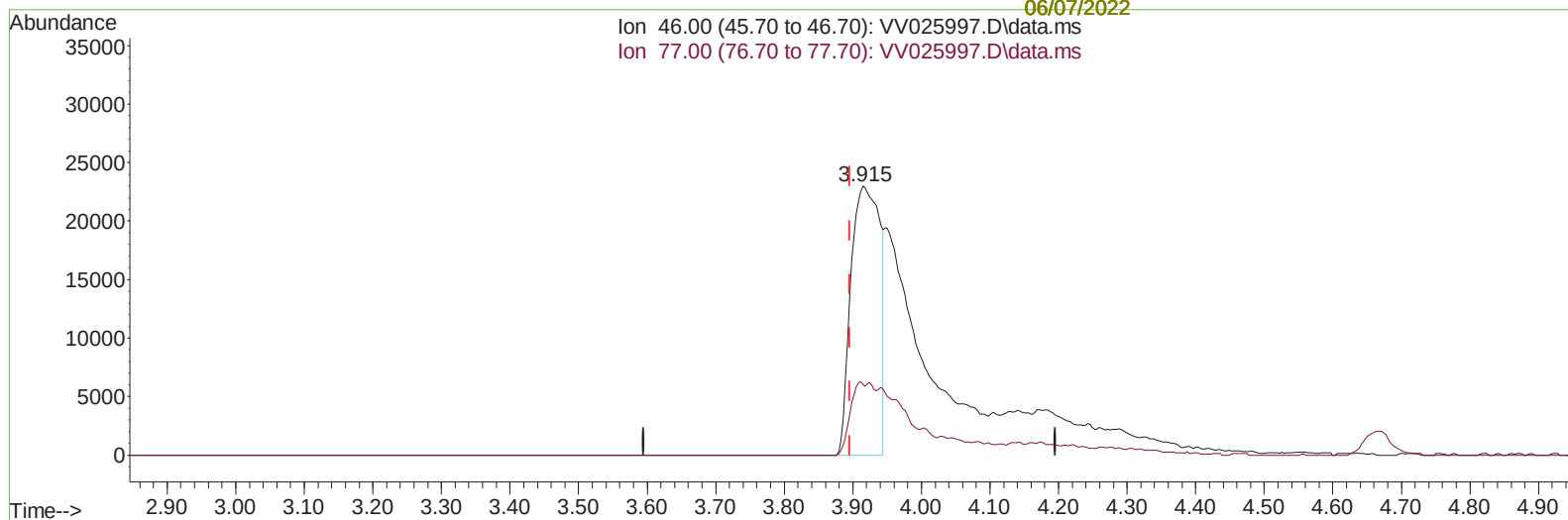
06/07/2022

Supervised By :Mahesh

Dadoda

06/07/2022

Quant Time: Jun 07 02:27:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 07 02:25:55 2022
Response via : Initial Calibration



TIC: VV025997.D\data.ms

(21) 2-Butanone-d5 (S)

3.915min (+ 0.019) 32.59 ug/L

response 67688

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.30	14.00#
0.00	0.00	0.00
0.00	0.00	0.00

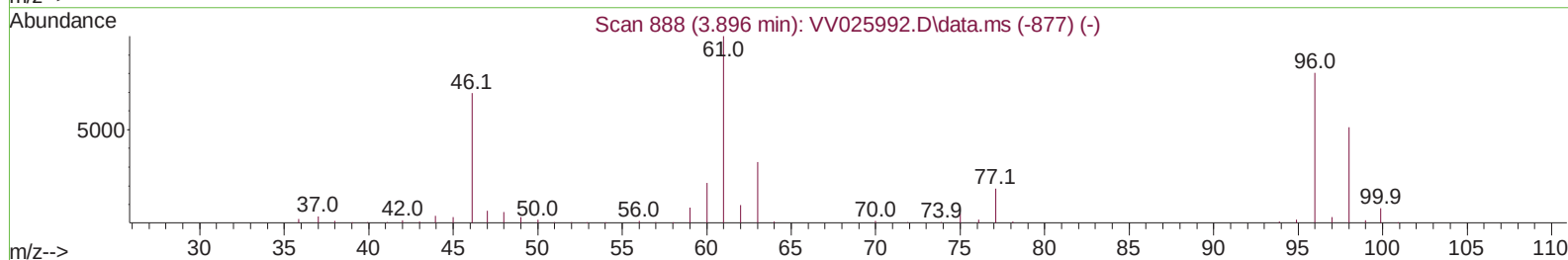
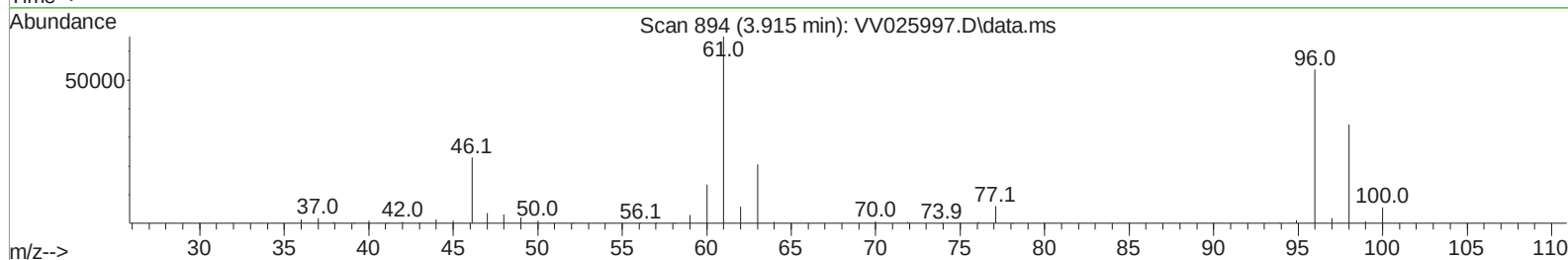
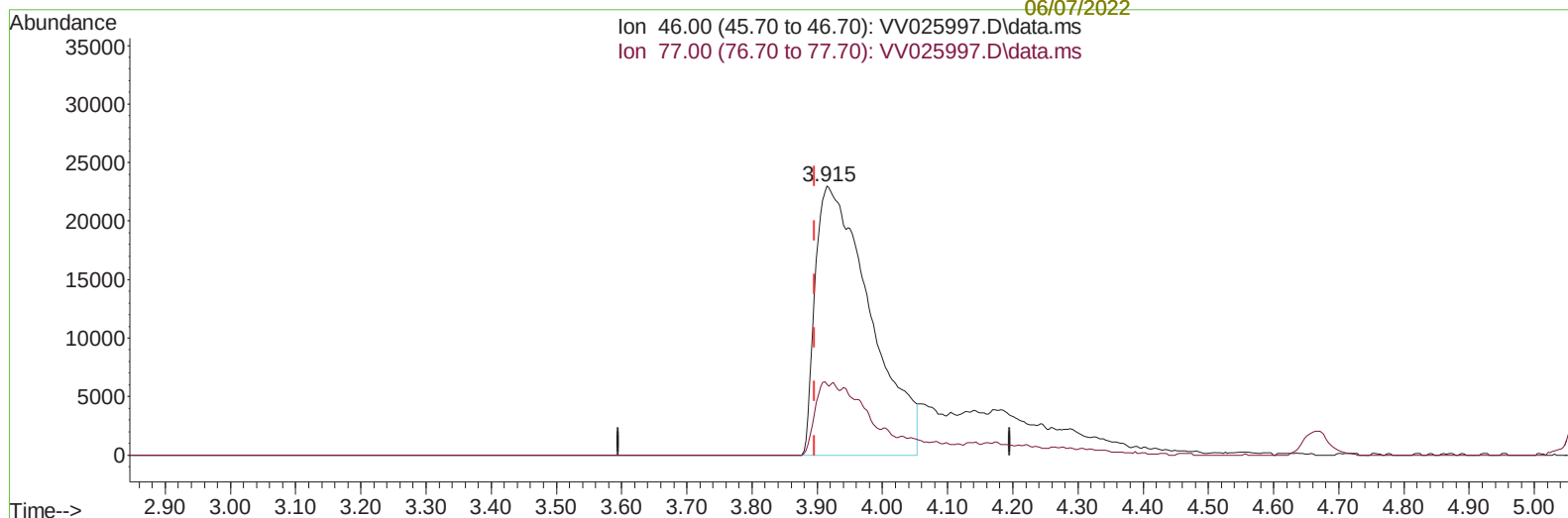
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 Dadoda
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(21) 2-Butanone-d5 (S)

3.915min (+ 0.019) 64.38 ug/L m

response 133704

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.30	7.09#
0.00	0.00	0.00
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	375422	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	387771	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	225015	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	146352	30.206	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	60.420%	
7) Chloroethane-d5	1.571	69	121889	28.646	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	57.300%#	
11) 1,1-Dichloroethene-d2	2.095	63	297343	35.089	ug/L	-0.02
Spiked Amount 50.000	Range 60	- 125	Recovery	=	70.180%	
21) 2-Butanone-d5	3.915	46	133704m	64.383	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	64.380%	
24) Chloroform-d	4.342	84	277537	41.011	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	82.020%	
26) 1,2-Dichloroethane-d4	5.027	65	160434	39.226	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	78.460%	
32) Benzene-d6	5.043	84	548782	40.595	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	81.200%	
36) 1,2-Dichloropropane-d6	6.066	67	171182	41.229	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	82.460%	
41) Toluene-d8	7.313	98	510511	40.987	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	81.980%	
43) trans-1,3-Dichloroprop...	7.622	79	78878	42.558	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	85.120%	
47) 2-Hexanone-d5	8.111	63	123309	81.006	ug/L	0.03
Spiked Amount 100.000	Range 45	- 130	Recovery	=	81.010%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	236812	42.769	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	85.540%	
66) 1,2-Dichlorobenzene-d4	11.625	152	204552	41.442	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	82.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	152871	39.384	ug/L	99
3) Chloromethane	1.243	50	194363	41.404	ug/L	99
5) Vinyl chloride	1.314	62	194468	40.747	ug/L	100
6) Bromomethane	1.523	94	103958	35.847	ug/L	98
8) Chloroethane	1.587	64	120452	33.795	ug/L	97
9) Trichlorofluoromethane	1.748	101	312358	46.054	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	159538	44.273	ug/L	96
12) 1,1-Dichloroethene	2.105	96	148321	41.849	ug/L	91
13) Acetone	2.191	43	133073	93.903	ug/L	99
14) Carbon disulfide	2.278	76	421589	48.091	ug/L	100
15) Methyl Acetate	2.436	43	138975	45.774	ug/L	100
16) Methylene chloride	2.497	84	169531	49.384	ug/L	97
17) trans-1,2-Dichloroethene	2.748	96	148644	48.816	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	468487	52.901	ug/L	98
19) 1,1-Dichloroethane	3.182	63	287599	50.568	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	164416	50.024	ug/L	99
22) 2-Butanone	3.995	43	155410	82.232	ug/L #	69
23) Bromochloromethane	4.240	128	86232	49.671	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.368	83	296171	49.142	ug/L	100
27) 1,2-Dichloroethane	5.127	62	216260	47.461	ug/L	99
29) Cyclohexane	4.667	56	235340	50.130	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	252289	47.906	ug/L	99
31) Carbon tetrachloride	4.818	117	211516	47.840	ug/L	100
33) Benzene	5.092	78	644618	49.370	ug/L	100
34) Trichloroethene	5.908	95	165535	48.472	ug/L	99
35) Methylcyclohexane	6.124	83	263461	51.510	ug/L	99
37) 1,2-Dichloropropane	6.169	63	166828	50.863	ug/L	100
38) Bromodichloromethane	6.506	83	216130	48.728	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	242983	51.950	ug/L	100
40) 4-Methyl-2-pentanone	7.236	43	381056	99.390	ug/L #	76
42) Toluene	7.384	91	702482	50.153	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	233070	51.795	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	169442	50.843	ug/L	99
46) Tetrachloroethene	7.973	164	126094	50.055	ug/L	97
48) 2-Hexanone	8.159	43	306295	102.678	ug/L	97
49) Dibromochloromethane	8.246	129	171731	52.241	ug/L	99
50) 1,2-Dibromoethane	8.352	107	170639	50.350	ug/L	100
51) Chlorobenzene	8.882	112	445307	49.648	ug/L	98
52) Ethylbenzene	9.011	91	749734	51.882	ug/L	100
53) m,p-Xylene	9.136	106	294797	52.595	ug/L	100
54) o-Xylene	9.545	106	286714	52.073	ug/L	99
55) Styrene	9.561	104	523460	54.562	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	252464	50.773	ug/L	99
59) Bromoform	9.735	173	108695	50.076	ug/L	98
60) Isopropylbenzene	9.931	105	764830	50.744	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	203973	45.798	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	401174	51.638	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	636789	52.829	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	363065	50.889	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	368224	49.249	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	359019	48.651	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	42763	41.588	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	253948	51.552	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	213773	50.962	ug/L	99
71) Naphthalene	13.500	128	606517	48.822	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	216830	50.724	ug/L	100

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

Manual IntegrationsAPPROVED

06/07/2022

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Abundance

Time-->

Chloroethane, T
Dichloromethane, T
Carbon disulfide, T
Methyl acetate, T
Acetone, T
Carbon tetrachloride, T
trans-1,2-Dichloroethene, T
1,1-Dichloroethane, T
2-Butanone, T
Bromochloropropane, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
1,2-Dibromoethane, S
1,4-Difluorobenzene, I
Trichloroethene, T
1,2-Dichloropropane, S
Methylcyclohexane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-pentanone, T
Toluene, T
trans-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
tetrafluoroethane, T
2-Hexanone, T
1,2-Dibromopropane, T
Chlorobenzene, T
m,p-Xylene, I
Ethylbenzene, T
Styrene, T
Isopropylbenzene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
1,2-Dibromobenzene, S
1,3-Dibromobenzene, S
1,3,5-Trimethylbenzene
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene
1,2,4-trichlorobenzene, T
Naphthalene
1,2,3-Trichlorobenzene, T