Quantitation Report (Qedit)

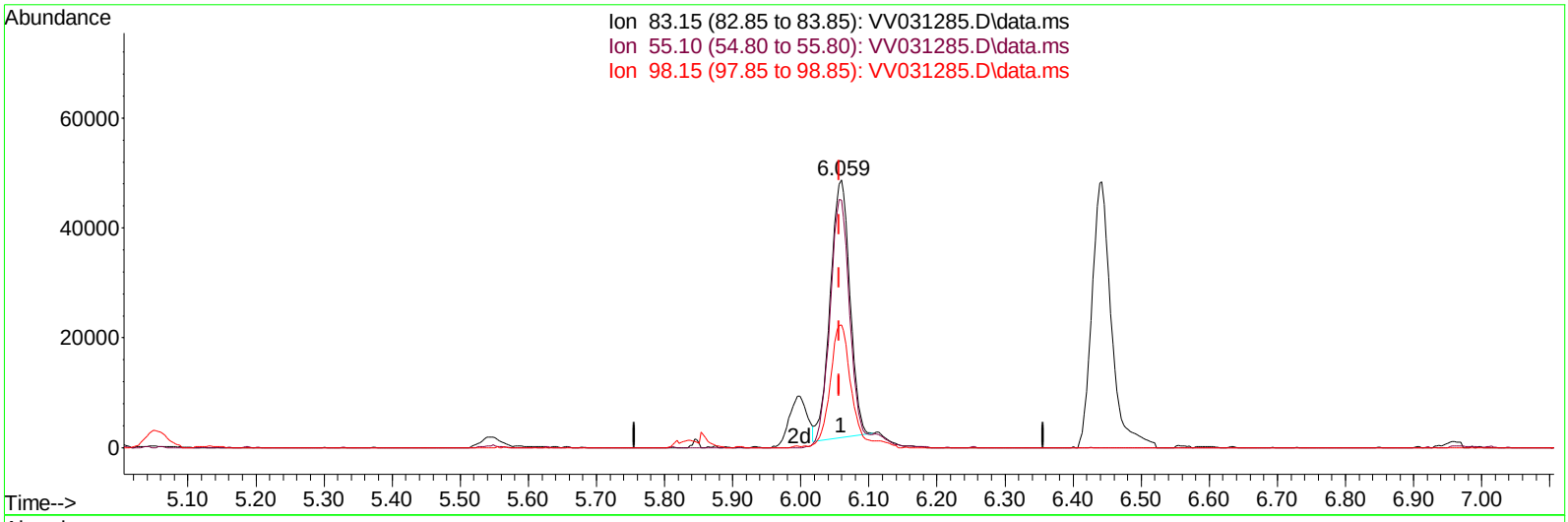
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053023\
Data File : VV031285.D
Acq On : 30 May 2023 22:30
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

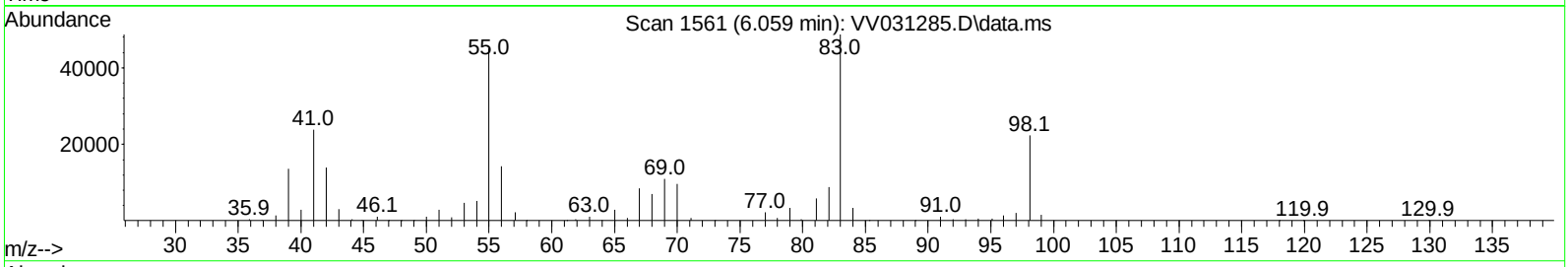
Quant Time: May 31 05:33:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR053023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 31 05:14:27 2023
Response via : Initial Calibration

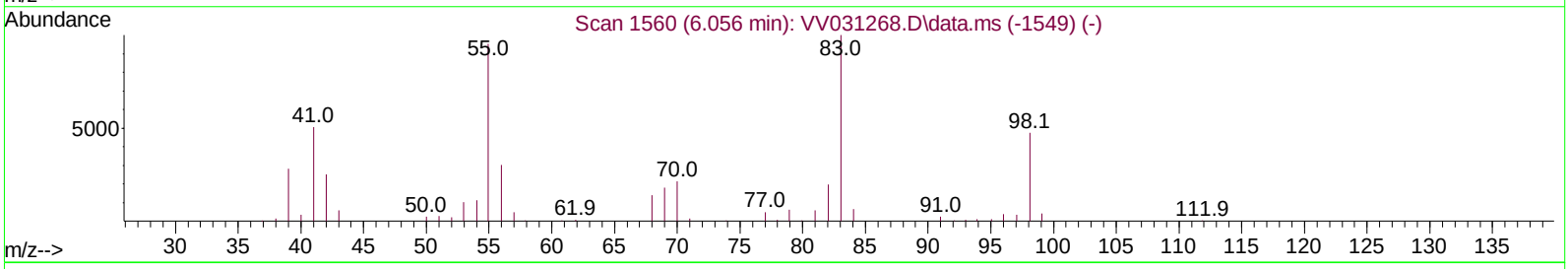
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023







TIC: VV031285.D\data.ms

(35) Methylcyclohexane (T)

6.059min (+ 0.003) 4.12 ug/L

response 94370

Ion	Exp%	Act%
83.15	100.00	100.00
55.10	90.70	99.52
98.15	44.90	52.21
0.00	0.00	0.00

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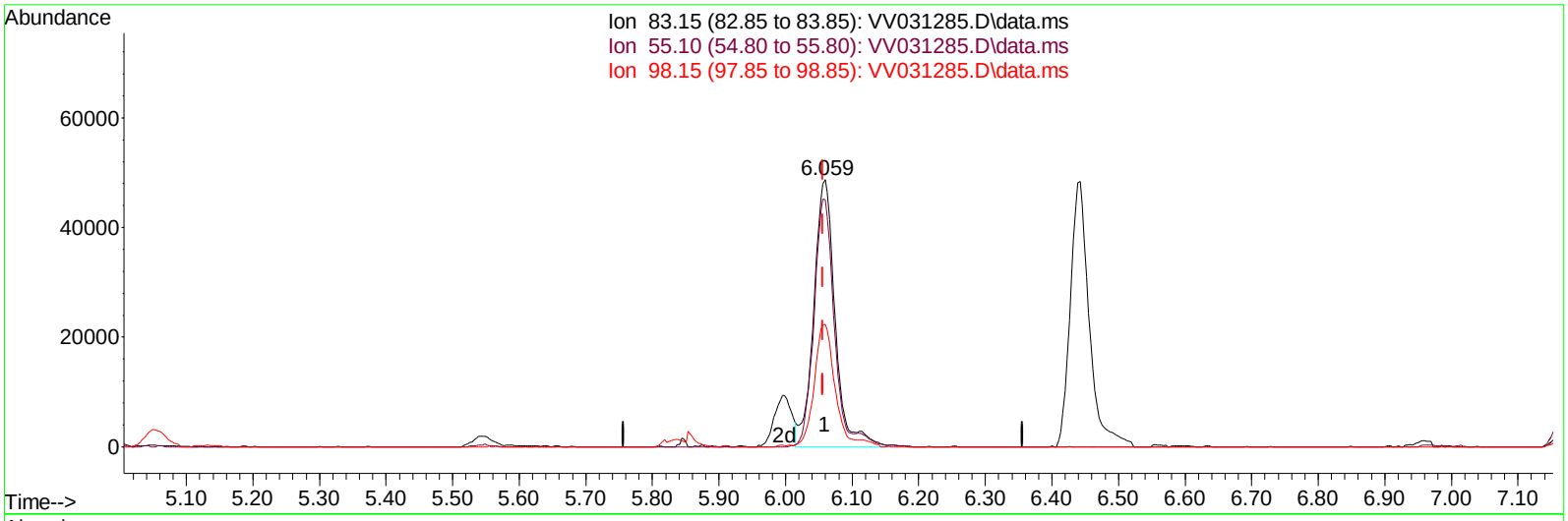

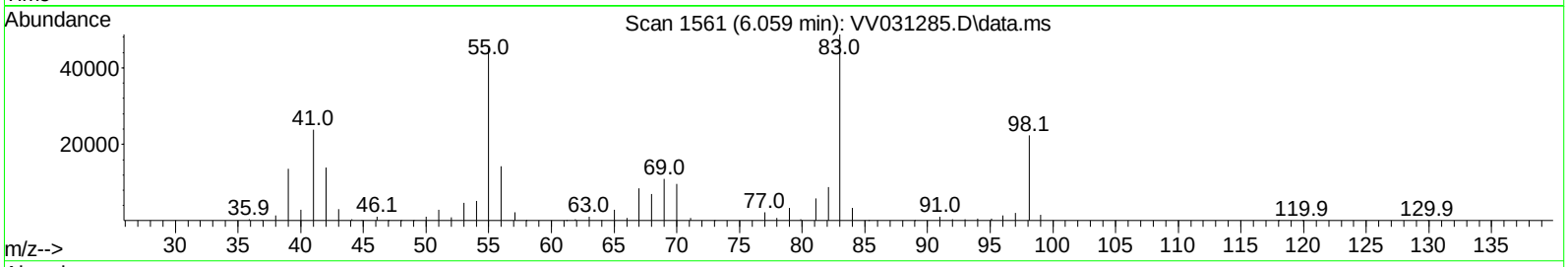

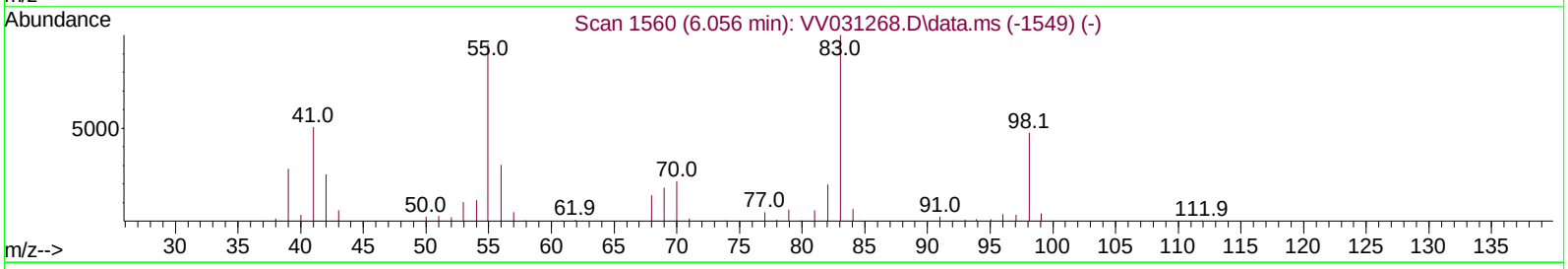

TIC: VV031285.D\data.ms

(35) Methylcyclohexane (T)

6.059min (+ 0.003) 4.76 ug/L m

response 109032

Ion	Exp%	Act%
83.15	100.00	100.00
55.10	90.70	86.14
98.15	44.90	45.19
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	5.545	114	120530	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	128268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	69417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	53020	5.310	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.200%			
7) Chloroethane-d5	1.536	69	57617	5.413	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.200%			
11) 1,1-Dichloroethene-d2	2.063	65	27826	5.339	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.800%			
20) 2-Butanone-d5	3.815	46	187404	54.334	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.660%			
24) Chloroform-d	4.259	84	127347	5.311	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.200%			
26) 1,2-Dichloroethane-d4	4.950	65	70494	5.500	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.000%			
32) Benzene-d6	4.966	84	230789	4.975	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.600%			
36) 1,2-Dichloropropane-d6	5.995	67	81319	4.968	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.400%			
41) Toluene-d8	7.249	98	220974	5.349	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.000%			
43) trans-1,3-Dichloroprop...	7.561	79	27043	5.054	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.000%			
46) 2-Hexanone-d5	8.034	63	134784	53.331	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.660%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	66471	5.295	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.800%			
66) 1,2-Dichlorobenzene-d4	11.567	152	72430	5.021	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	98022	5.066	ug/L	98
3) Chloromethane	1.217	50	92281	5.028	ug/L	97
5) Vinyl chloride	1.285	62	93134	5.069	ug/L	99
6) Bromomethane	1.491	94	52564	5.086	ug/L	96
8) Chloroethane	1.552	64	57096	4.956	ug/L	99
9) Trichlorofluoromethane	1.716	101	131732	4.748	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	72910	4.727	ug/L	100
12) 1,1-Dichloroethene	2.073	96	63261	4.845	ug/L	97
13) Acetone	2.143	43	116641	41.165	ug/L	95
14) Carbon disulfide	2.246	76	188517	4.781	ug/L	100
15) Methyl Acetate	2.388	43	27949	5.215	ug/L	97
16) Methylene chloride	2.452	84	71199	4.013	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	137663	4.865	ug/L	95
18) trans-1,2-Dichloroethene	2.700	96	59235	4.770	ug/L	97
19) 1,1-Dichloroethane	3.117	63	136681	4.972	ug/L	97
21) 2-Butanone	3.896	43	176735	48.091	ug/L	99
22) cis-1,2-Dichloroethene	3.822	96	63405	4.864	ug/L	100
23) Bromochloromethane	4.153	128	28647	4.963	ug/L	92

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Supervised By :Mahesh Dadoda 05/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	4.285	83	144851	5.016	ug/L		97
27) 1,2-Dichloroethane	5.050	62	84238	5.303	ug/L		97
29) 1,1,1-Trichloroethane	4.519	97	119669	4.634	ug/L		100
30) Cyclohexane	4.593	56	107599	4.447	ug/L		97
31) Carbon tetrachloride	4.744	117	107760	4.655	ug/L		97
33) Benzene	5.018	78	269697	4.765	ug/L		100
34) Trichloroethene	5.841	95	68786	4.430	ug/L		95
35) Methylcyclohexane	6.059	83	109032m	4.761	ug/L		
37) 1,2-Dichloropropane	6.101	63	79764	5.205	ug/L		99
38) Bromodichloromethane	6.442	83	95995	4.744	ug/L	#	98
39) cis-1,3-Dichloropropene	6.960	75	95536	4.671	ug/L		95
40) 4-Methyl-2-pentanone	7.166	43	463050	52.309	ug/L		99
42) Toluene	7.323	91	296593	5.058	ug/L		98
44) trans-1,3-Dichloropropene	7.590	75	83466	4.940	ug/L		97
45) 1,1,2-Trichloroethane	7.776	97	50437	4.834	ug/L		99
47) Tetrachloroethene	7.912	164	53132	4.555	ug/L		97
48) 2-Hexanone	8.085	43	340691	51.276	ug/L		99
49) Dibromochloromethane	8.185	129	57104	4.795	ug/L		99
50) 1,2-Dibromoethane	8.291	107	48193	4.821	ug/L		93
51) Chlorobenzene	8.821	112	171840	4.799	ug/L		97
52) Ethylbenzene	8.953	91	299601	4.861	ug/L		99
53) m,p-Xylene	9.079	106	108748	4.915	ug/L		99
54) o-Xylene	9.487	106	102594	4.921	ug/L		98
55) Styrene	9.503	104	187800	5.093	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.185	83	62240	5.008	ug/L		99
59) Bromoform	9.674	173	30314	4.558	ug/L		96
60) Isopropylbenzene	9.873	105	283482	4.786	ug/L		99
61) 1,2,3-Trichloropropane	10.217	75	44240	4.852	ug/L		96
62) 1,3,5-Trimethylbenzene	10.484	105	219526	4.560	ug/L		99
63) 1,2,4-Trimethylbenzene	10.860	105	234943	4.771	ug/L		100
64) 1,3-Dichlorobenzene	11.124	146	135473	4.764	ug/L		99
65) 1,4-Dichlorobenzene	11.217	146	136295	4.773	ug/L		99
67) 1,2-Dichlorobenzene	11.587	146	127381	4.864	ug/L		95
68) 1,2-Dibromo-3-chloropr...	12.374	75	9731	4.660	ug/L	#	91
69) 1,3,5-Trichlorobenzene	12.590	180	92312	4.424	ug/L		99
70) 1,2,4-trichlorobenzene	13.207	180	69052	4.480	ug/L		99
71) Naphthalene	13.448	128	89998	4.186	ug/L		99
72) 1,2,3-Trichlorobenzene	13.686	180	63259	4.472	ug/L		99

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

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