Quantitation Report (Qedit)

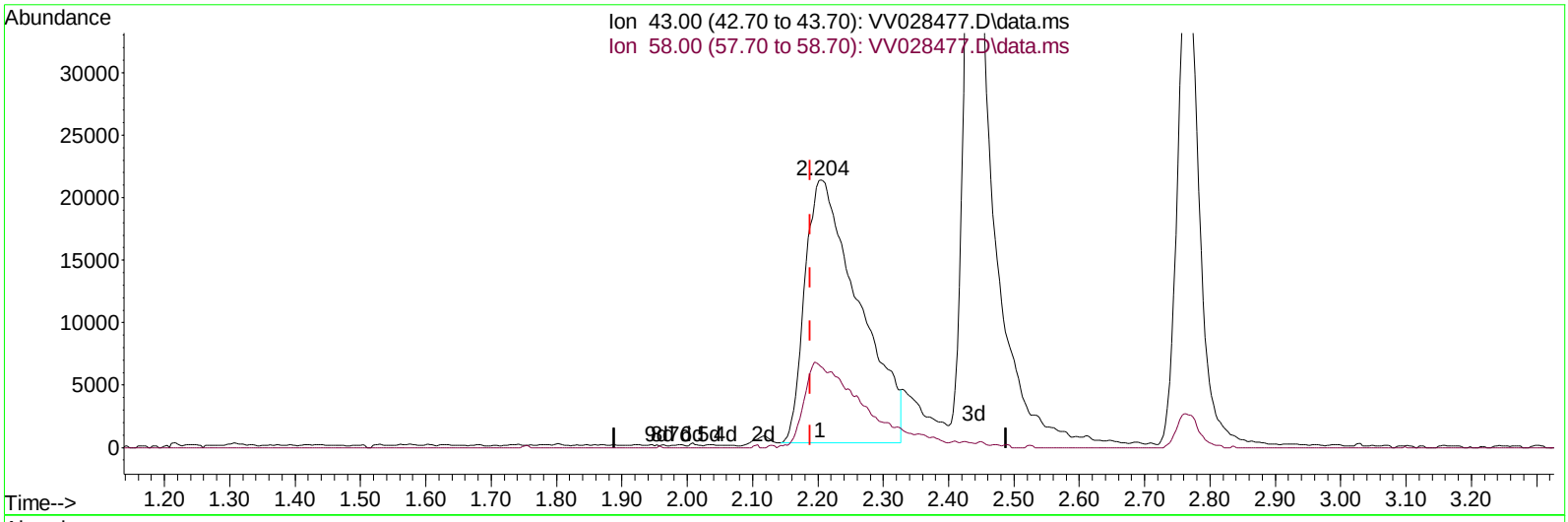
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028477.D
Acq On : 09 Oct 2022 07:52
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

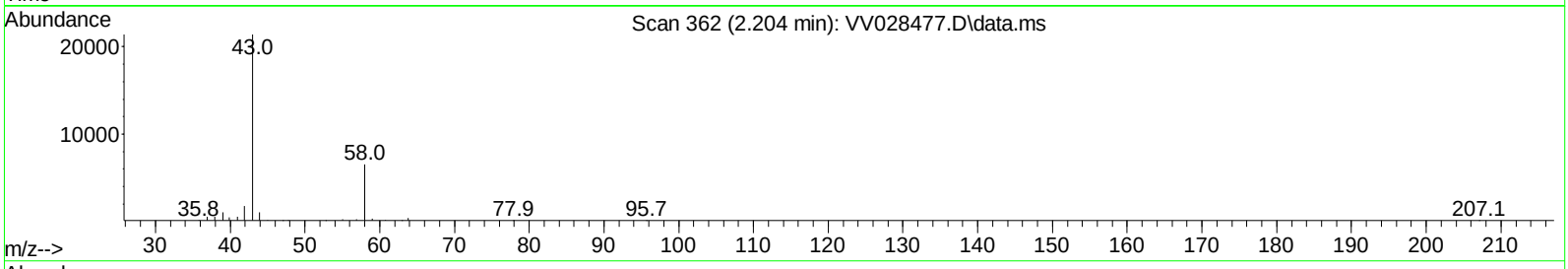
Quant Time: Oct 10 05:18:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 10 02:52:43 2022
Response via : Initial Calibration

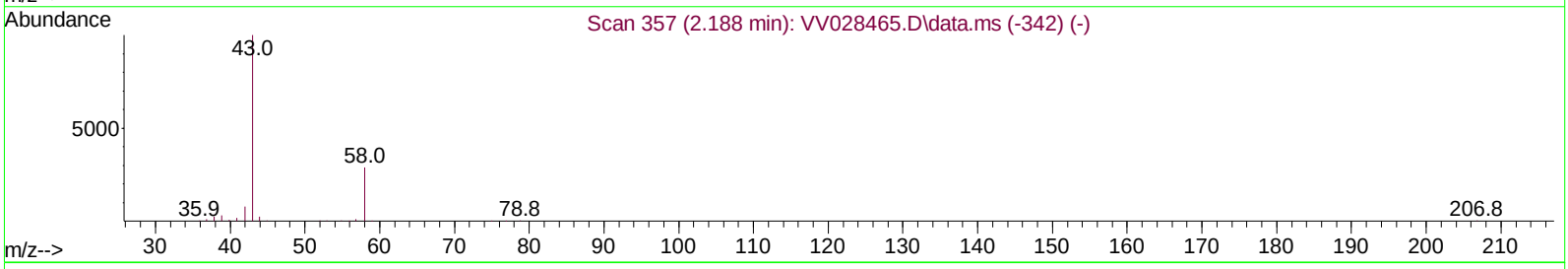
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC050

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022







TIC: VV028477.D\data.ms

(13) Acetone (T)

2.204min (+ 0.016) 62.34 ug/L

response 120083

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	23.50	12.58
0.00	0.00	0.00
0.00	0.00	0.00

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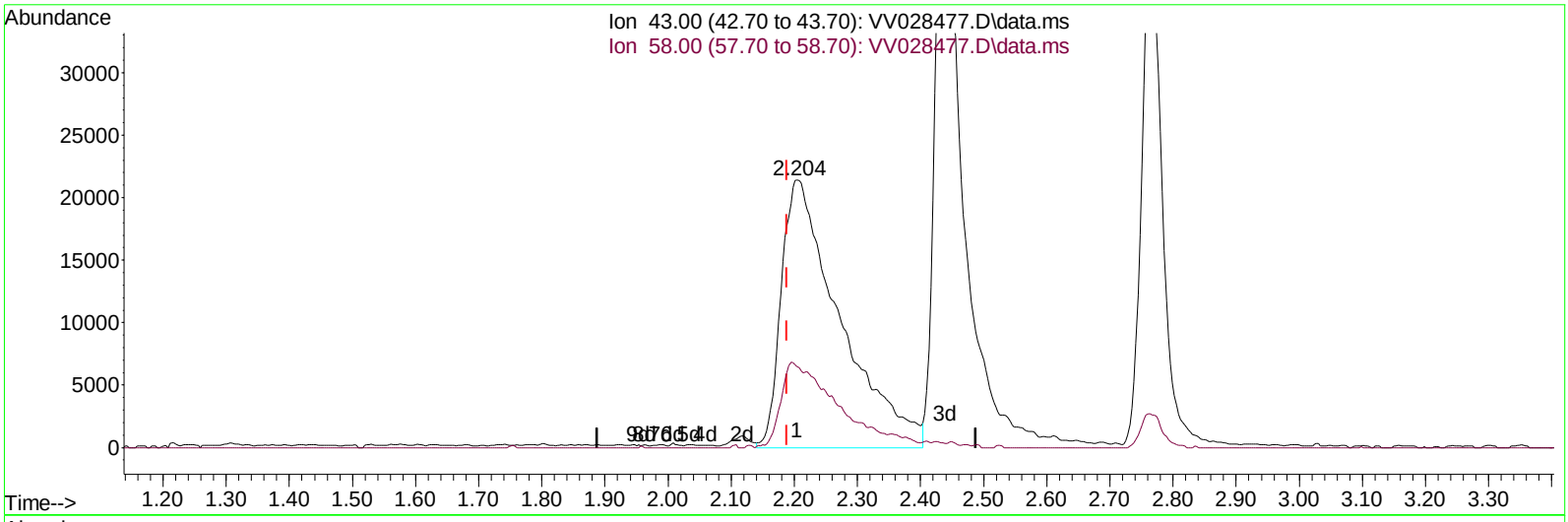

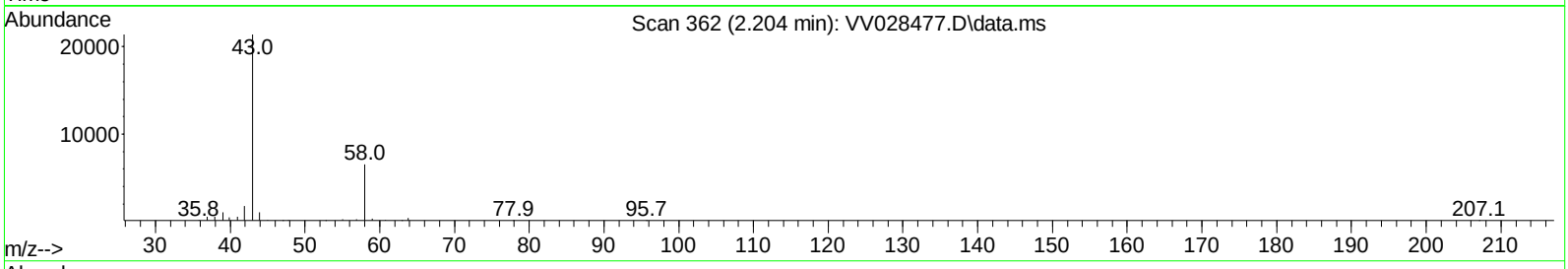

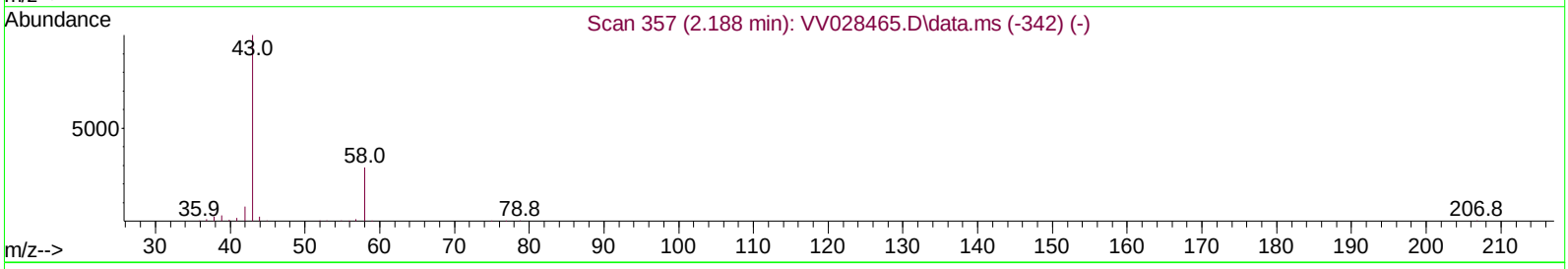

TIC: VV028477.D\data.ms

(13) Acetone (T)

2.204min (+ 0.016) 71.54 ug/L m

response 137791

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	23.50	10.97
0.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	368124	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	346332	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	184730	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	113094	39.815	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.640%		
7) Chloroethane-d5	1.568	69	88806	39.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.860%		
11) 1,1-Dichloroethene-d2	2.108	63	202663	41.922	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.840%		
21) 2-Butanone-d5	3.902	46	199266	80.138	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.140%		
24) Chloroform-d	4.342	84	241628	46.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.760%		
26) 1,2-Dichloroethane-d4	5.027	65	157121	46.766	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.540%		
32) Benzene-d6	5.043	84	489414	44.101	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.200%		
36) 1,2-Dichloropropane-d6	6.066	67	147086	40.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.300%		
41) Toluene-d8	7.310	98	457513	46.047	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.100%		
43) trans-1,3-Dichloroprop...	7.616	79	78650	42.646	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.300%		
47) 2-Hexanone-d5	8.085	63	159446	81.008	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.010%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	206081	41.621	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.240%		
66) 1,2-Dichlorobenzene-d4	11.615	152	178513	46.637	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	131191	47.332	ug/L	99
3) Chloromethane	1.240	50	140686	45.087	ug/L	100
5) Vinyl chloride	1.310	62	139712	44.616	ug/L	95
6) Bromomethane	1.523	94	72915	51.067	ug/L	100
8) Chloroethane	1.584	64	101367	53.326	ug/L	91
9) Trichlorofluoromethane	1.751	101	201105	51.966	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	102561	46.761	ug/L	95
12) 1,1-Dichloroethene	2.114	96	106134	49.292	ug/L	93
13) Acetone	2.204	43	137791m	71.536	ug/L	
14) Carbon disulfide	2.291	76	324277	47.092	ug/L	100
15) Methyl Acetate	2.439	43	137034	42.136	ug/L	92
16) Methylene chloride	2.503	84	134915	48.216	ug/L	94
17) trans-1,2-Dichloroethene	2.757	96	123854	49.315	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	464238	50.283	ug/L	98
19) 1,1-Dichloroethane	3.185	63	240555	46.888	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	146981	51.372	ug/L	91
22) 2-Butanone	3.986	43	199663	78.630	ug/L	94
23) Bromochloromethane	4.243	128	74761	53.768	ug/L	83

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.368	83	249650	49.844	ug/L	98
27) 1,2-Dichloroethane	5.124	62	201932	52.620	ug/L	100
29) Cyclohexane	4.674	56	218669	43.897	ug/L	93
30) 1,1,1-Trichloroethane	4.603	97	232894	52.054	ug/L	98
31) Carbon tetrachloride	4.822	117	200189	53.452	ug/L	98
33) Benzene	5.095	78	563547	49.475	ug/L	100
34) Trichloroethene	5.908	95	136857	48.433	ug/L	94
35) Methylcyclohexane	6.127	83	225889	45.982	ug/L	96
37) 1,2-Dichloropropane	6.169	63	141987	46.496	ug/L	99
38) Bromodichloromethane	6.503	83	196928	49.498	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	223418	45.989	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	448336	86.081	ug/L	98
42) Toluene	7.381	91	607825	51.770	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	219140	47.000	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	138064	48.812	ug/L	98
46) Tetrachloroethene	7.969	164	109288	53.826	ug/L	97
48) 2-Hexanone	8.137	43	336848	84.247	ug/L	99
49) Dibromochloromethane	8.239	129	155612	51.182	ug/L	99
50) 1,2-Dibromoethane	8.346	107	143596	49.030	ug/L	98
51) Chlorobenzene	8.873	112	383810	52.104	ug/L	96
52) Ethylbenzene	9.005	91	647467	50.596	ug/L	98
53) m,p-Xylene	9.130	106	254478	52.466	ug/L	97
54) o-Xylene	9.535	106	251104	51.704	ug/L	99
55) Styrene	9.551	104	434674	52.118	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	225795	46.613	ug/L	100
59) Bromoform	9.722	173	114458	50.034	ug/L	100
60) Isopropylbenzene	9.924	105	656643	49.329	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	175498	44.625	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	576221	49.980	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	572443	50.023	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	303354	52.103	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	302112	52.003	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	304943	51.894	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	56929	47.304	ug/L	96
69) 1,3,5-Trichlorobenzene	12.635	180	234721	53.080	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	222805	57.164	ug/L	99
71) Naphthalene	13.490	128	1803263	148.749	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	222443	58.537	ug/L	99

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

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