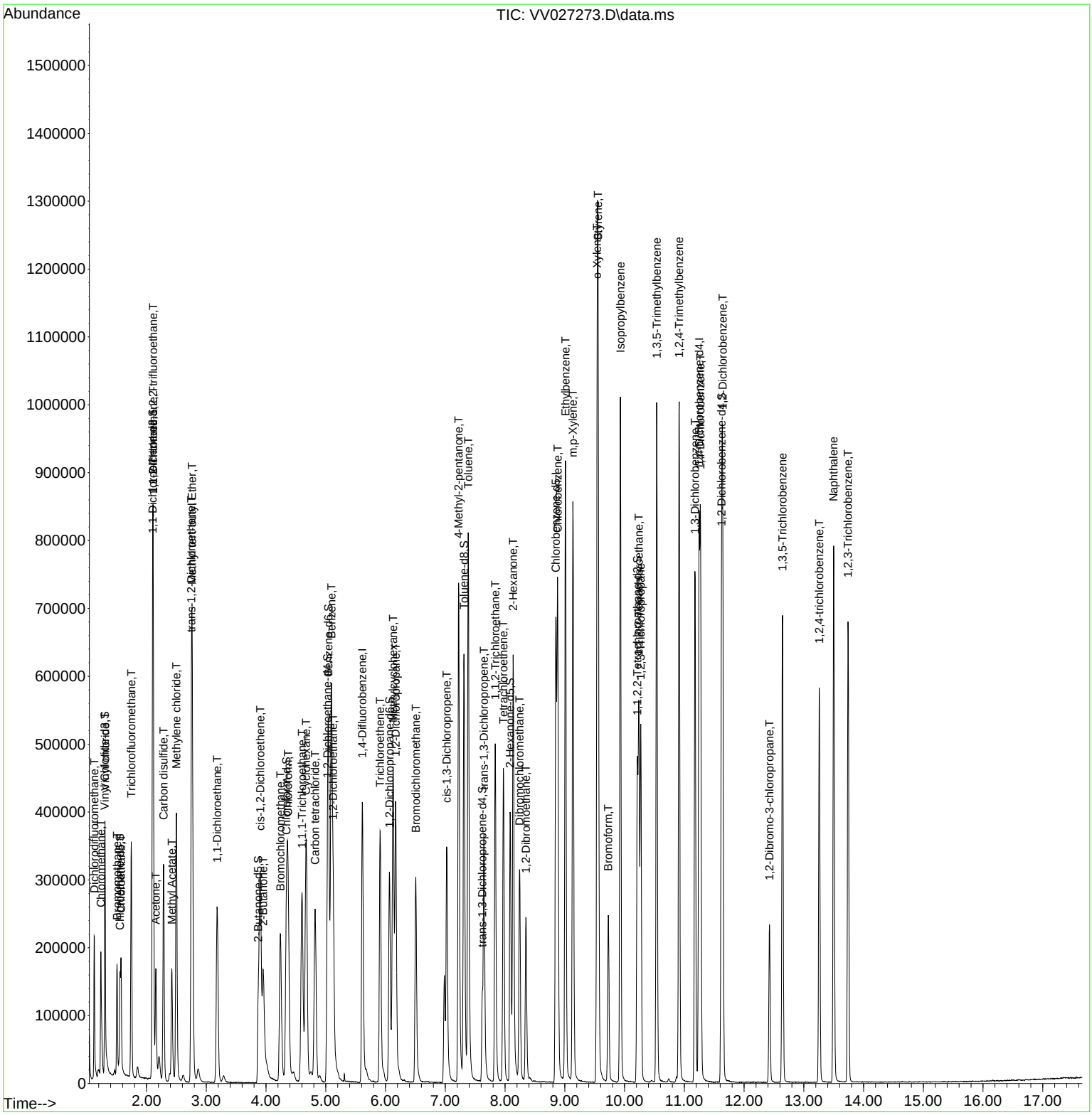
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081022\
Data File : VV027273.D
Acq On : 10 Aug 2022 21:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 11 03:55:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD050335

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
Supervised By :Semsettin Yesilyurt 08/14/2022



Quantitation Report (Qedit)

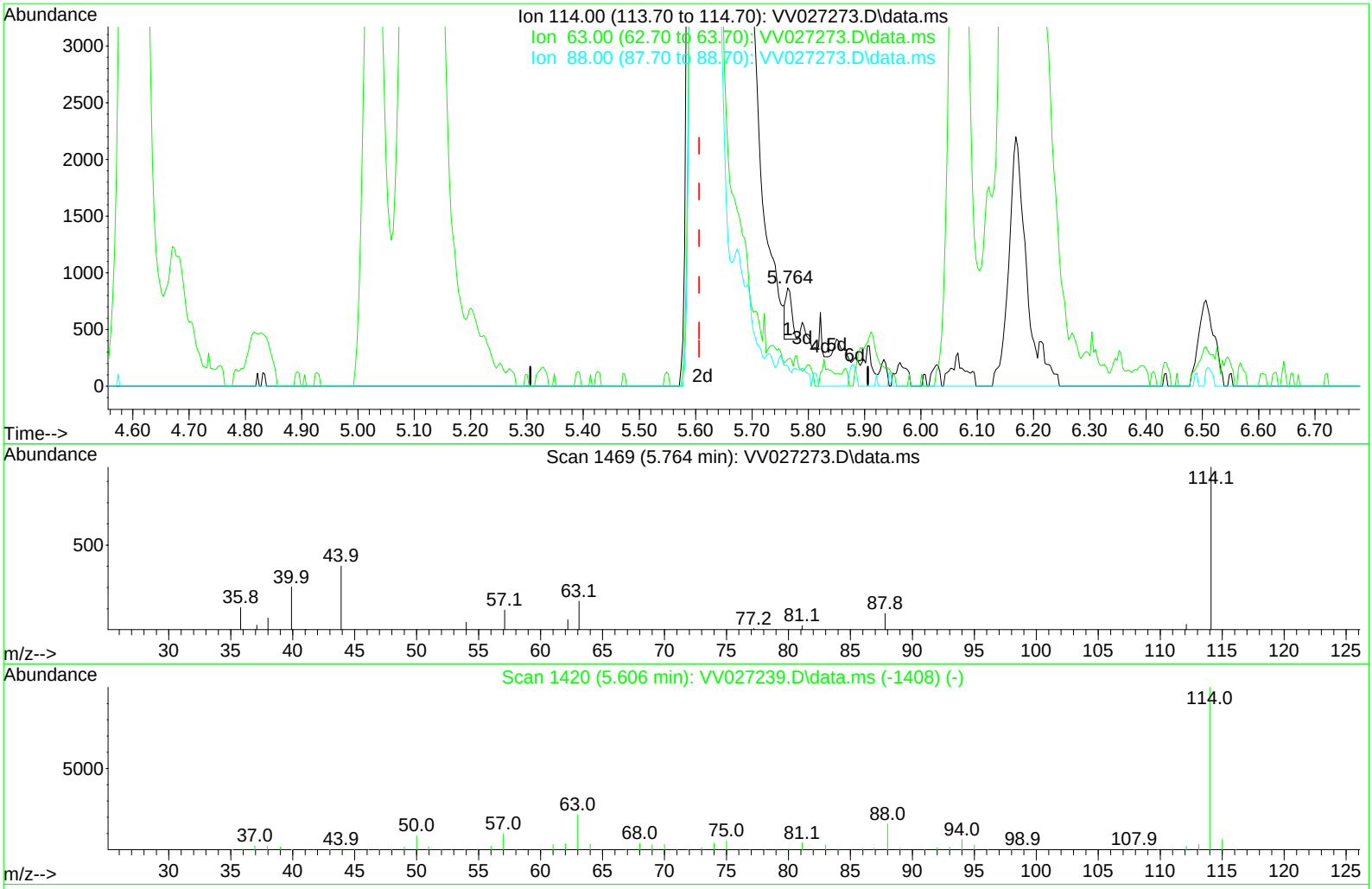
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081022\
Data File : VV027273.D
Acq On : 10 Aug 2022 21:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 11 03:55:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD050335

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
Supervised By :Semsettin Yesilyurt 08/14/2022



TIC: VV027273.D\data.ms

(1) 1,4-Difluorobenzene (I)

5.764min (+ 0.158) 50.00 ug/L

response 325

Ion	Exp%	Act%
114.00	100.00	100.00
63.00	18.10	18.77
88.00	15.10	17.85
0.00	0.00	0.00

Quantitation Report (Qedit)

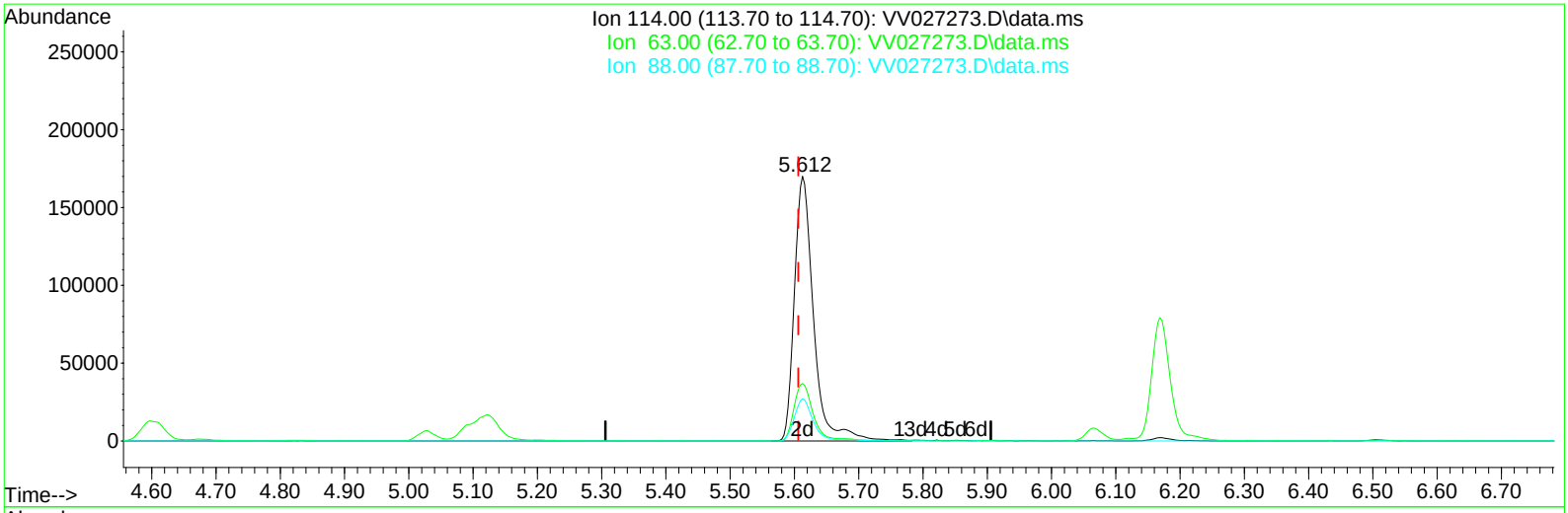
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081022\
Data File : VV027273.D
Acq On : 10 Aug 2022 21:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

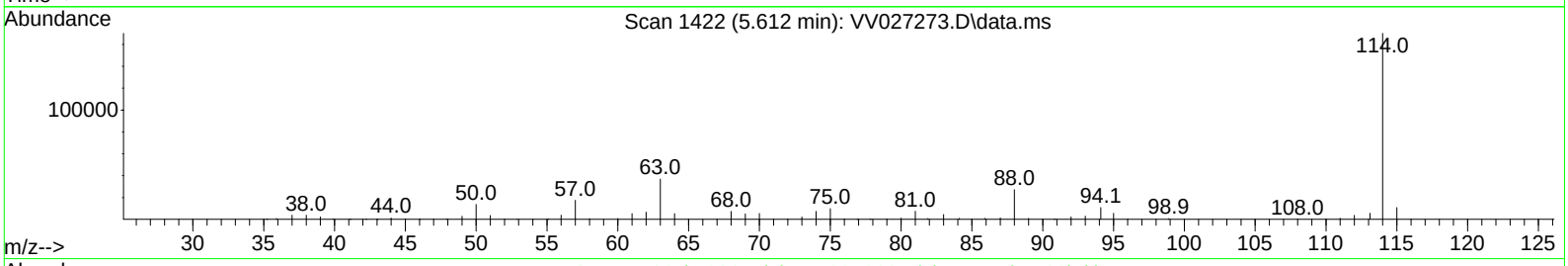
Quant Time: Aug 11 03:55:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration

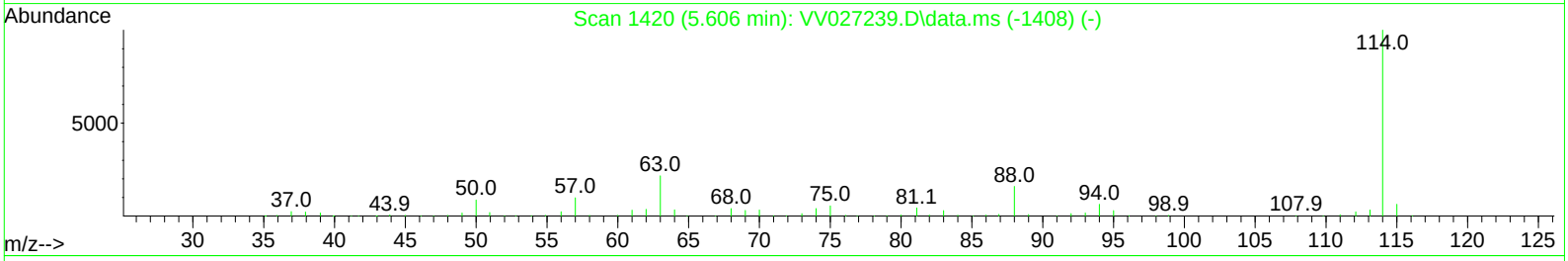
Instrument :
MSVOA_V
LabSampleId :
VSTD050335

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
Supervised By :Semsettin Yesilyurt 08/14/2022







TIC: VV027273.D\data.ms

(1) 1,4-Difluorobenzene (I)

5.612min (+ 0.006) 50.00 ug/L m

response 352901

Ion	Exp%	Act%
114.00	100.00	100.00
63.00	18.10	0.02#
88.00	15.10	0.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

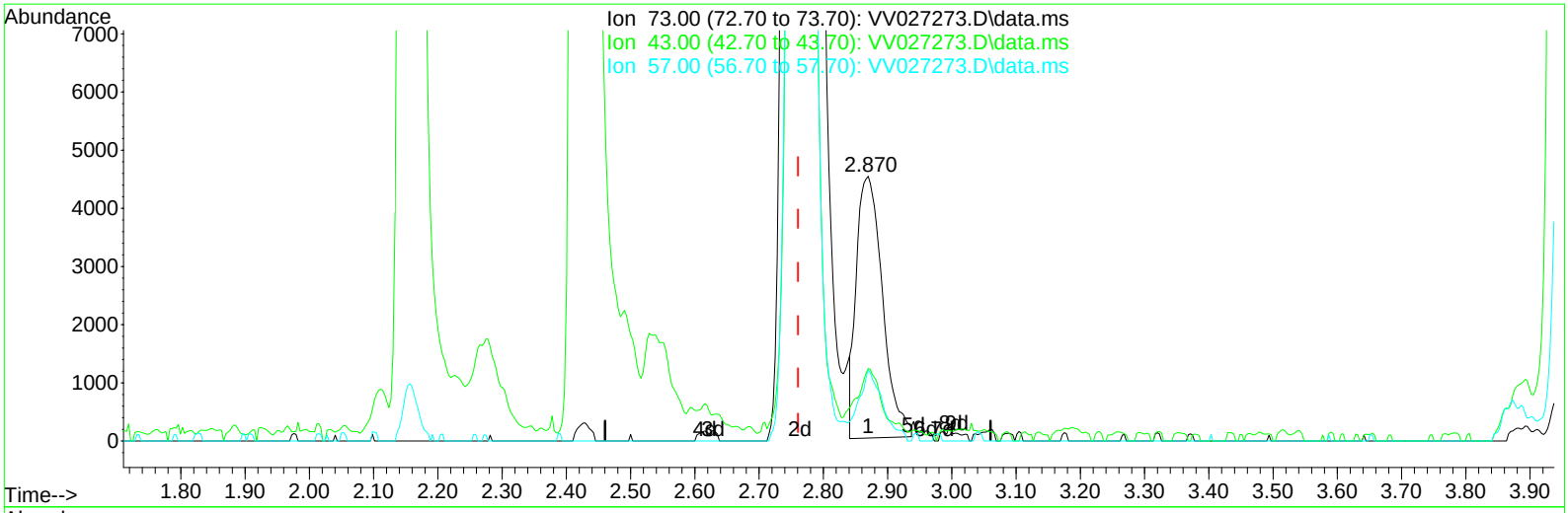
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081022\
Data File : VV027273.D
Acq On : 10 Aug 2022 21:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

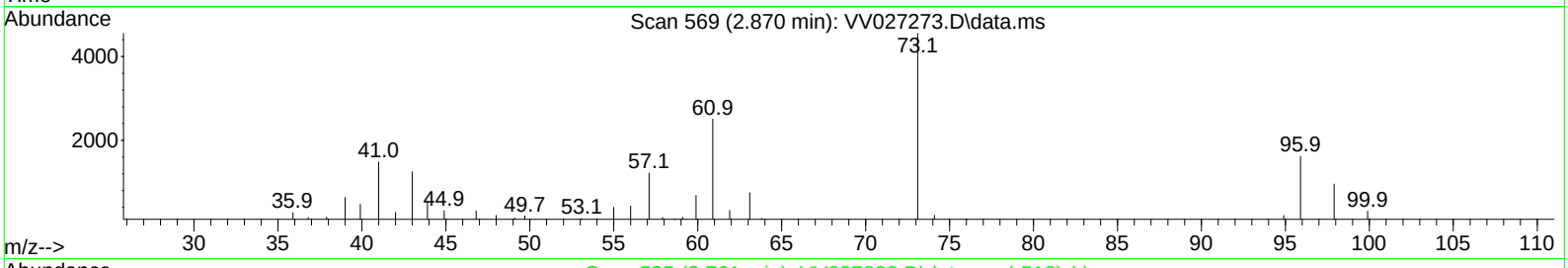
Quant Time: Aug 11 03:55:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration

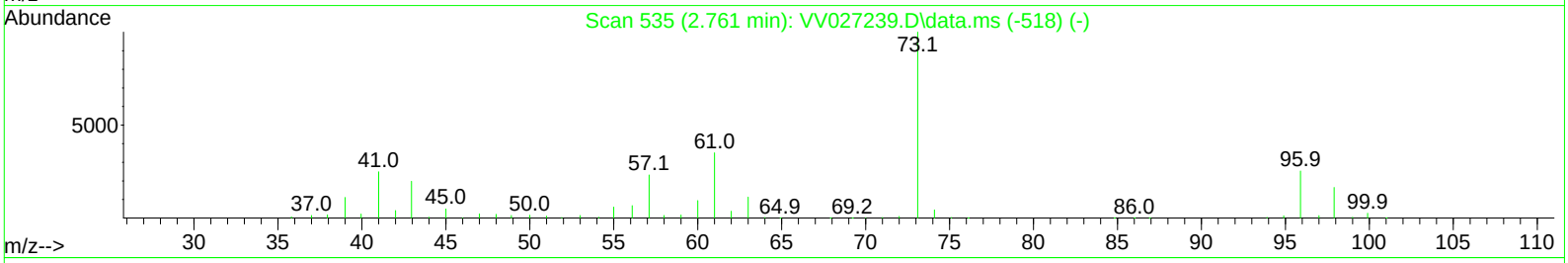
Instrument :
MSVOA_V
LabSampleId :
VSTD050335

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
Supervised By :Semsettin Yesilyurt 08/14/2022







TIC: VV027273.D\data.ms

(18) Methyl tert-butyl Ether (T)

2.870min (+ 0.109) 1.58 ug/L

response 12690

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	15.70	18.13
57.00	21.60	25.19
0.00	0.00	0.00

Quantitation Report (Qedit)

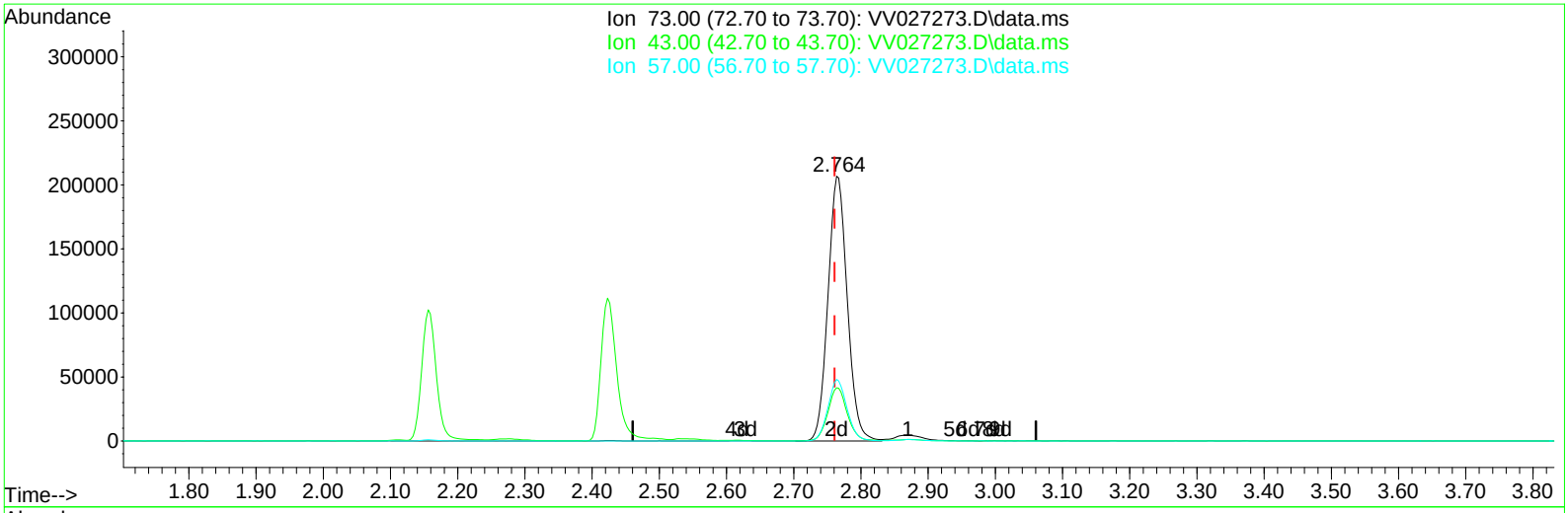
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081022\
Data File : VV027273.D
Acq On : 10 Aug 2022 21:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

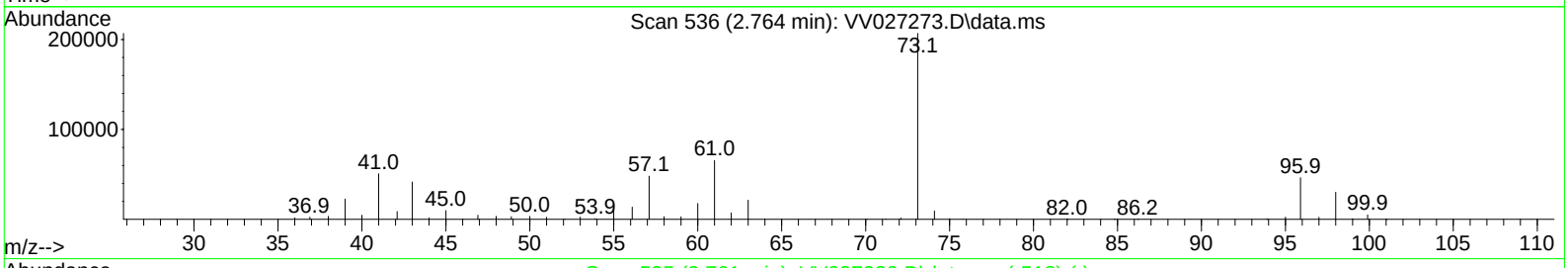
Quant Time: Aug 11 03:55:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration

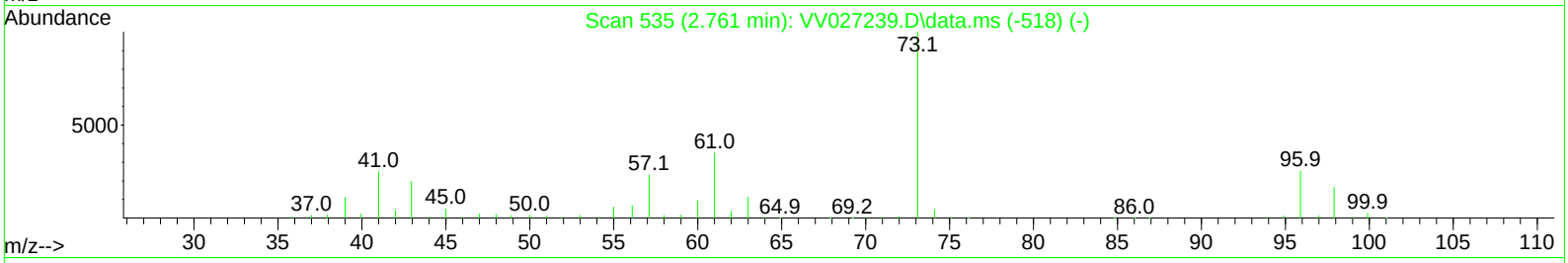
Instrument :
MSVOA_V
LabSampleId :
VSTD050335

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
Supervised By :Semsettin Yesilyurt 08/14/2022







TIC: VV027273.D\data.ms

(18) Methyl tert-butyl Ether (T)

2.764min (+ 0.003) 51.34 ug/L m

response 413199

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	15.70	0.56#
57.00	21.60	0.77#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081022\
Data File : VV027273.D
Acq On : 10 Aug 2022 21:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTD050335

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
Supervised By :Semsettin Yesilyurt 08/14/2022

Quant Time: Aug 11 03:55:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	352901m	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	352278	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	191424	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	120731	50.179	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.360%			
7) Chloroethane-d5	1.555	69	93979	53.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.860%			
11) 1,1-Dichloroethene-d2	2.101	63	219549	49.887	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.780%			
21) 2-Butanone-d5	3.870	46	189195	88.341	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.340%			
24) Chloroform-d	4.342	84	235340	47.752	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.500%			
26) 1,2-Dichloroethane-d4	5.027	65	146615	47.914	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.820%			
32) Benzene-d6	5.043	84	450627	53.342	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.680%			
36) 1,2-Dichloropropane-d6	6.066	67	147139	48.964	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.920%			
41) Toluene-d8	7.313	98	422081	58.616	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.240%			
43) trans-1,3-Dichloroprop...	7.619	79	65128	49.722	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.440%			
47) 2-Hexanone-d5	8.085	63	133366	92.145	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.140%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	218194	44.555	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.120%			
66) 1,2-Dichlorobenzene-d4	11.622	152	153007	46.286	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	124213	39.566	ug/L	99
3) Chloromethane	1.236	50	158428	44.174	ug/L	98
5) Vinyl chloride	1.307	62	150143	42.024	ug/L	99
6) Bromomethane	1.507	94	67860	40.290	ug/L	97
8) Chloroethane	1.574	64	89924	45.179	ug/L	100
9) Trichlorofluoromethane	1.744	101	198892	43.386	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	102016	40.133	ug/L	97
12) 1,1-Dichloroethene	2.111	96	105968	43.336	ug/L	88
13) Acetone	2.156	43	152274	92.210	ug/L	89
14) Carbon disulfide	2.285	76	355284	42.691	ug/L	100
15) Methyl Acetate	2.423	43	180795	48.135	ug/L #	84
16) Methylene chloride	2.500	84	156439	47.895	ug/L	86
17) trans-1,2-Dichloroethene	2.751	96	125802	46.491	ug/L	91
18) Methyl tert-butyl Ether	2.764	73	413199m	51.343	ug/L	
19) 1,1-Dichloroethane	3.182	63	261691	48.175	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	141464	50.325	ug/L	86
22) 2-Butanone	3.953	43	245954	108.637	ug/L	99
23) Bromochloromethane	4.243	128	76614	48.807	ug/L	88
25) Chloroform	4.368	83	268324	48.878	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081022\
Data File : VV027273.D
Acq On : 10 Aug 2022 21:39
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 11 03:55:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD050335

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
Supervised By :Semsettin Yesilyurt 08/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.124	62	205004	47.948	ug/L		97
29) Cyclohexane	4.670	56	178834	44.079	ug/L		93
30) 1,1,1-Trichloroethane	4.603	97	225138	48.217	ug/L		97
31) Carbon tetrachloride	4.822	117	189842	46.830	ug/L		100
33) Benzene	5.095	78	556853	49.189	ug/L		100
34) Trichloroethene	5.908	95	138728	47.860	ug/L		95
35) Methylcyclohexane	6.127	83	184550	43.298	ug/L		91
37) 1,2-Dichloropropane	6.169	63	160197	50.512	ug/L		99
38) Bromodichloromethane	6.506	83	204240	49.149	ug/L		99
39) cis-1,3-Dichloropropene	7.024	75	209446	49.857	ug/L		99
40) 4-Methyl-2-pentanone	7.223	43	492387	108.829	ug/L	#	91
42) Toluene	7.384	91	600345	52.158	ug/L		99
44) trans-1,3-Dichloropropene	7.648	75	208271	50.449	ug/L		98
45) 1,1,2-Trichloroethane	7.837	97	153485	50.213	ug/L		97
46) Tetrachloroethene	7.973	164	101375	47.783	ug/L		98
48) 2-Hexanone	8.136	43	396813	110.122	ug/L	#	90
49) Dibromochloromethane	8.243	129	158679	49.109	ug/L		94
50) 1,2-Dibromoethane	8.349	107	157685	50.135	ug/L		98
51) Chlorobenzene	8.879	112	380955	49.344	ug/L		96
52) Ethylbenzene	9.011	91	611509	51.488	ug/L		99
53) m,p-Xylene	9.136	106	238533	53.142	ug/L		97
54) o-Xylene	9.542	106	236075	53.985	ug/L		97
55) Styrene	9.558	104	430713	55.912	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.239	83	263151	51.389	ug/L		99
59) Bromoform	9.728	173	107950	47.465	ug/L		98
60) Isopropylbenzene	9.931	105	600034	49.740	ug/L		98
61) 1,2,3-Trichloropropane	10.271	75	207585	47.236	ug/L		97
62) 1,3,5-Trimethylbenzene	10.538	105	504582	50.649	ug/L		100
63) 1,2,4-Trimethylbenzene	10.915	105	509720	52.228	ug/L		99
64) 1,3-Dichlorobenzene	11.181	146	290436	49.675	ug/L		100
65) 1,4-Dichlorobenzene	11.271	146	297366	48.327	ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	303870	49.603	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.426	75	59073	47.913	ug/L		88
69) 1,3,5-Trichlorobenzene	12.644	180	192068	48.910	ug/L		99
70) 1,2,4-trichlorobenzene	13.258	180	163084	50.002	ug/L		99
71) Naphthalene	13.500	128	578836	51.829	ug/L		99
72) 1,2,3-Trichlorobenzene	13.741	180	188135	52.041	ug/L		98

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