

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051309.D
 Acq On : 09 Oct 2022 18:55
 Operator : JC/MD
 Sample : N5013-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA45

Manual IntegrationsAPPROVED

Quant Time: Oct 10 01:29:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 10 01:25:26 2022
 Response via : Initial Calibration

Reviewed By :Krupa
 Patel

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	250822	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	250154	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	140245	5.000	ug/L	0.00

10/10/2022
 Supervised By :Mahesh
 Gadoda

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	75187	3.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.909	69	71833	4.132	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.562	65	29909	3.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.633	46	280035	62.866	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.740%
24) Chloroform-d	5.060	84	162583	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.703	65	90922	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.726	84	322500	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.690	67	115113	4.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.899	98	282343	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.179	79	40654	5.295	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.800%
46) 2-Hexanone-d5	8.632	63	188622	72.887	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	145.780%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	101608	5.442	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	120177	4.930	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%

10/11/2022

Target Compounds					Qvalue
5) Vinyl chloride	1.601	62	275860	9.790	ug/L 96
8) Chloroethane	1.932	64	368059	20.481	ug/L 98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	6813	0.349	ug/L 88
12) 1,1-Dichloroethene	2.575	96	4027	0.220	ug/L # 1
13) Acetone	2.646	43	248436	74.360	ug/L 95
18) trans-1,2-Dichloroethene	3.350	96	4303	0.224	ug/L 98
19) 1,1-Dichloroethane	3.867	63	127381	3.208	ug/L 98
21) 2-Butanone	4.716	43	92007	17.474	ug/L 99
22) cis-1,2-Dichloroethene	4.665	96	1558168	73.101	ug/L 98
29) 1,1,1-Trichloroethane	5.311	97	8193	0.273	ug/L 94
30) Cyclohexane	5.385	56	73148	2.877	ug/L 97
33) Benzene	5.761	78	25187269m	301.598	ug/L
35) Methylcyclohexane	6.761	83	76962	2.928	ug/L 93
40) 4-Methyl-2-pentanone	7.793	43	127934	10.653	ug/L 98
42) Toluene	7.957	91	26034096m	293.693	ug/L
47) Tetrachloroethene	8.552	164	4050	0.264	ug/L 90
51) Chlorobenzene	9.446	112	5958495	112.497	ug/L 98
52) Ethylbenzene	9.571	91	9065610	113.803	ug/L 98
53) m,p-Xylene	9.693	106	8888983	287.717	ug/L 64

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.099	106	2572226	87.992	ug/L	100
60) Isopropylbenzene	10.481	105	1910259	21.505	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	517451	21.959	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	2416569	36.263	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	46158	1.051	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	237614	5.487	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	295337	6.914	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	6332	0.294	ug/L #	85

10/10/2022
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10/11/2022

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

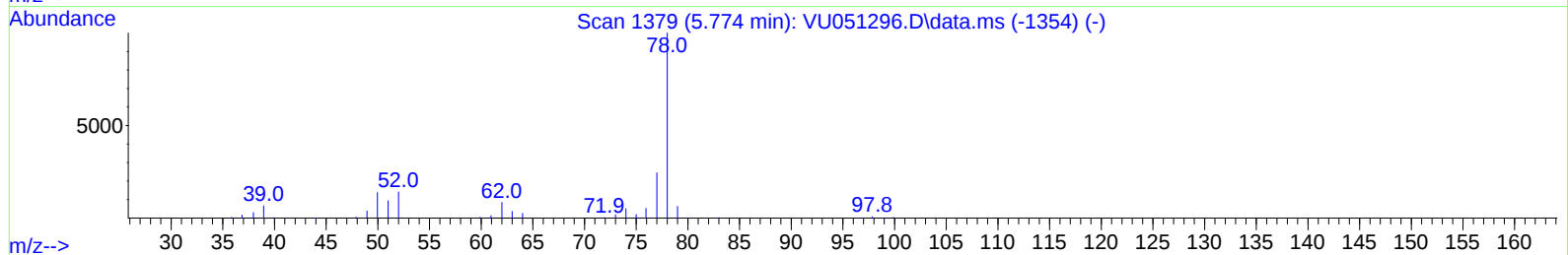
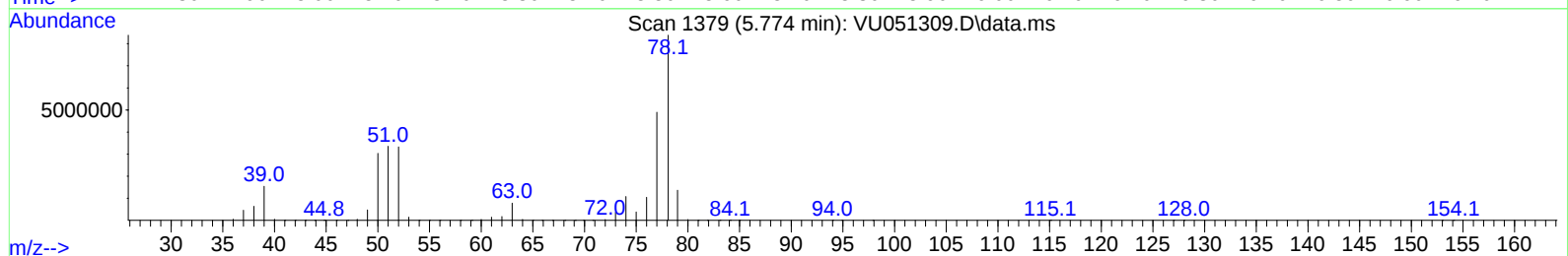
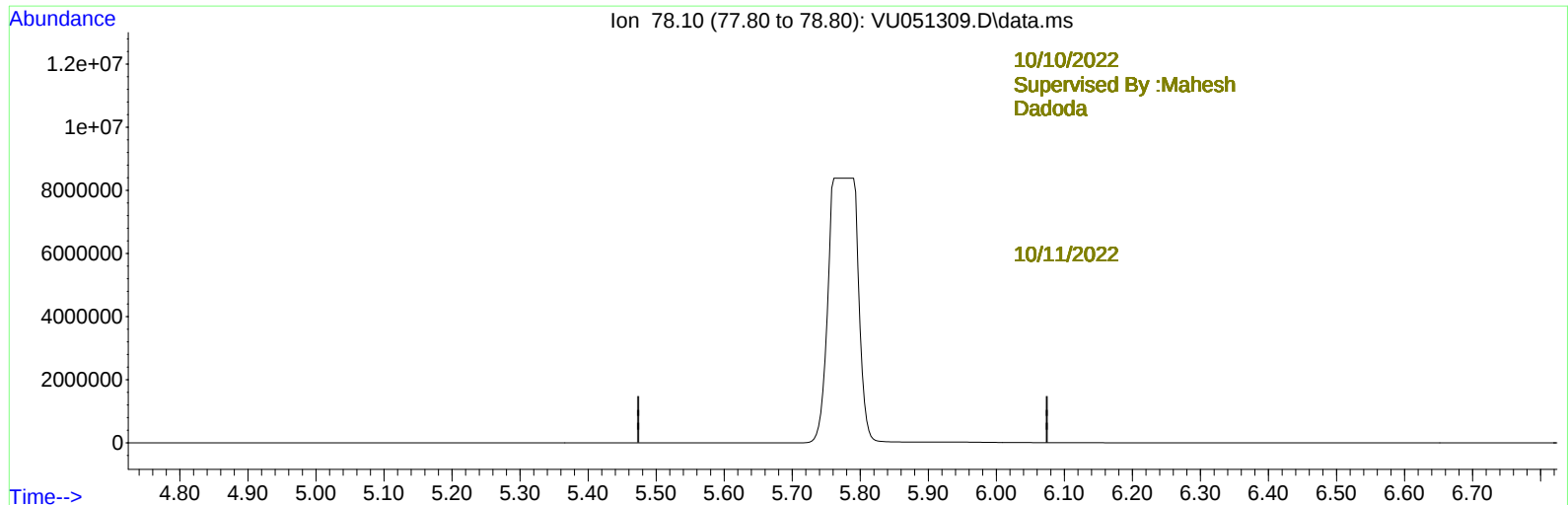
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TIC: VU051309.D\data.ms

(33) Benzene (T)

5.774min (-5.774) 0.00 ug/L

response	0	
Ion	Exp%	Act%
78.10	100.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

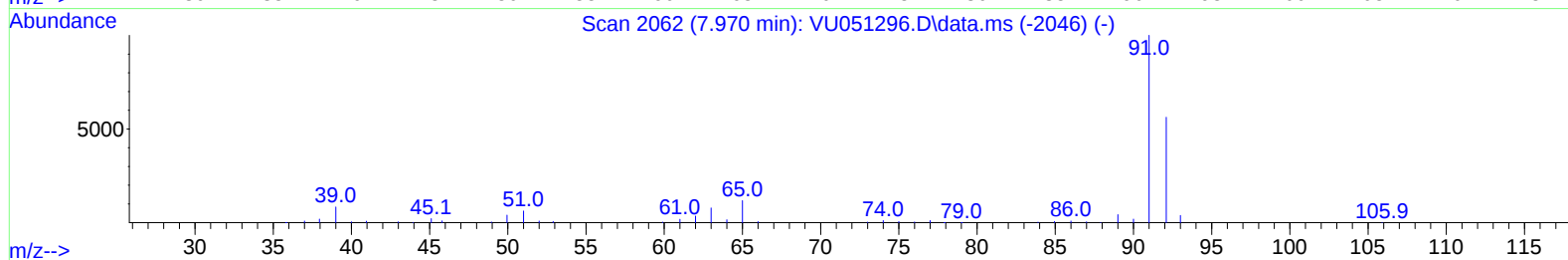
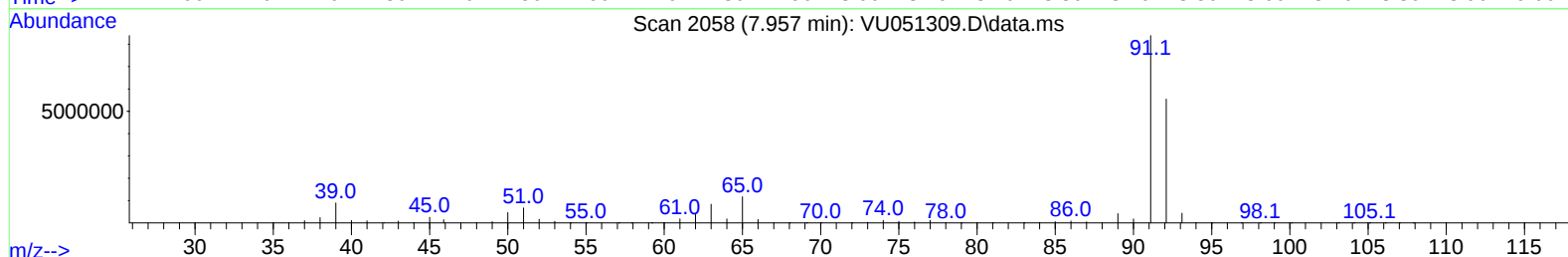
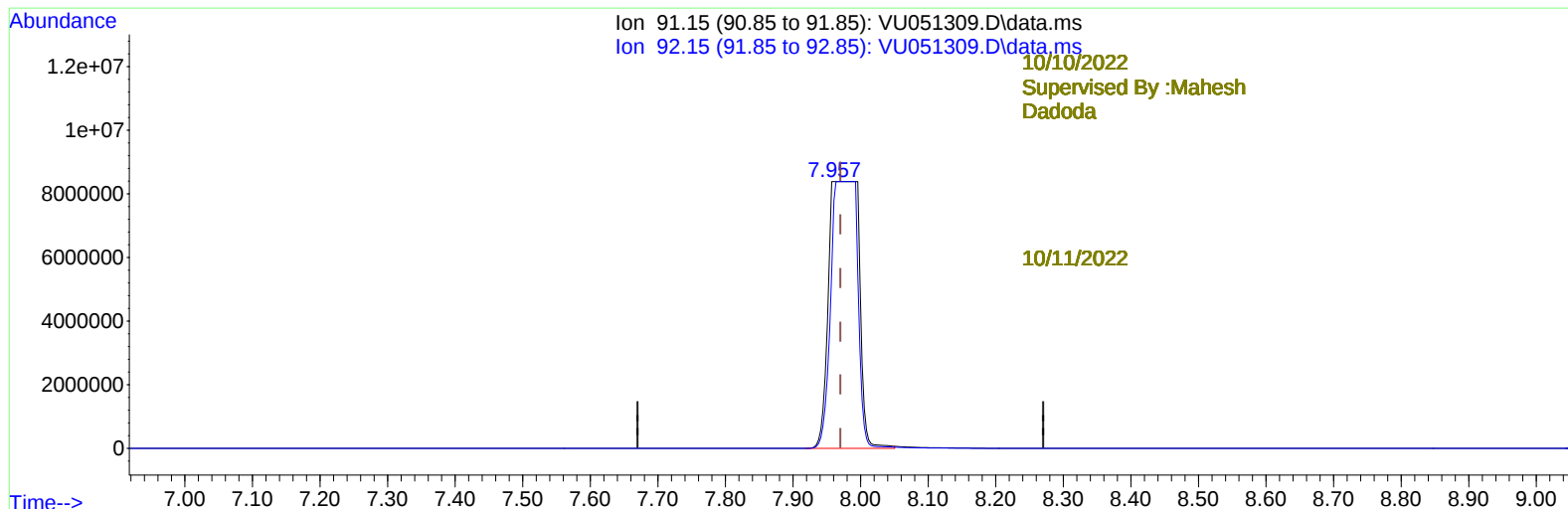
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(42) Toluene (T)

7.957min (-0.013) 293.69 ug/L m

response 26034096

Ion	Exp%	Act%
91.15	100.00	100.00
92.15	57.00	66.15
0.00	0.00	0.00
0.00	0.00	0.00

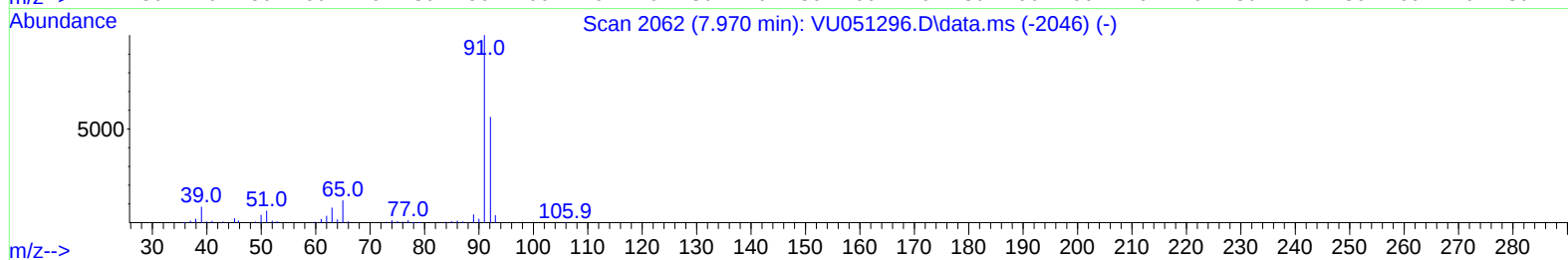
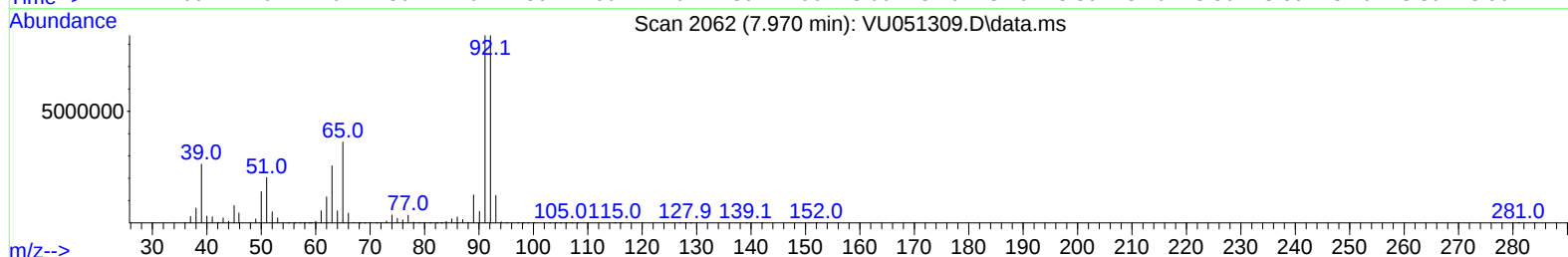
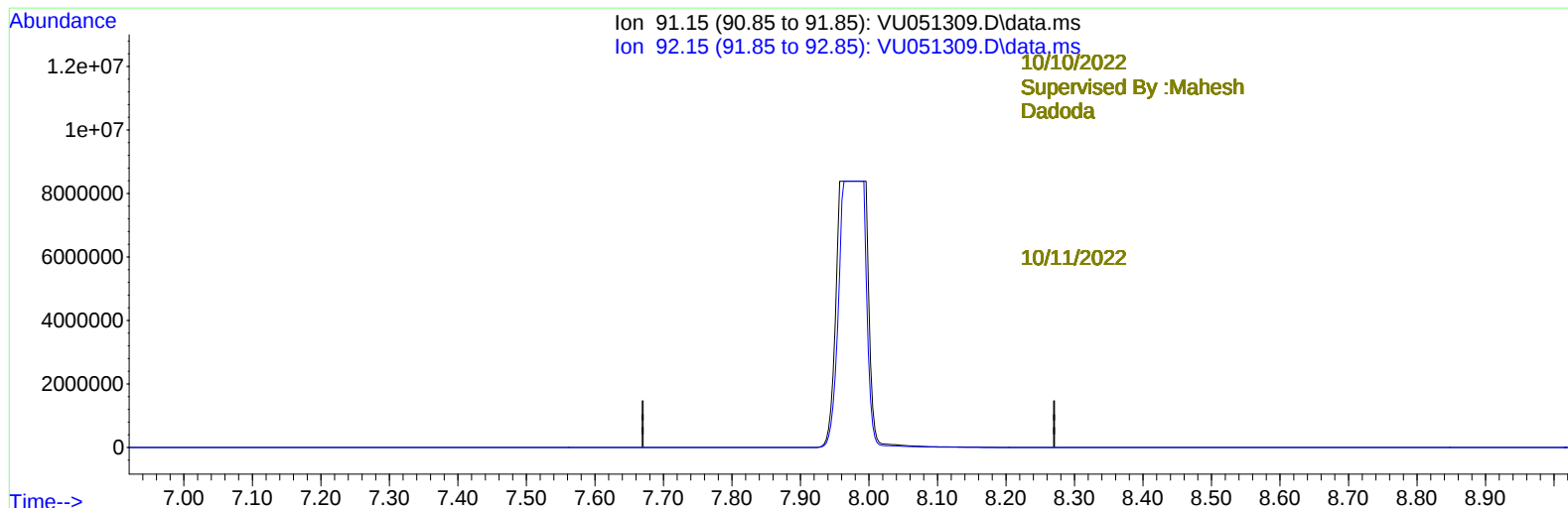
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(42) Toluene (T)

7.970min (-7.970) 0.00 ug/L

response 0

Ion	Exp%	Act%
91.15	100.00	0.00
92.15	57.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

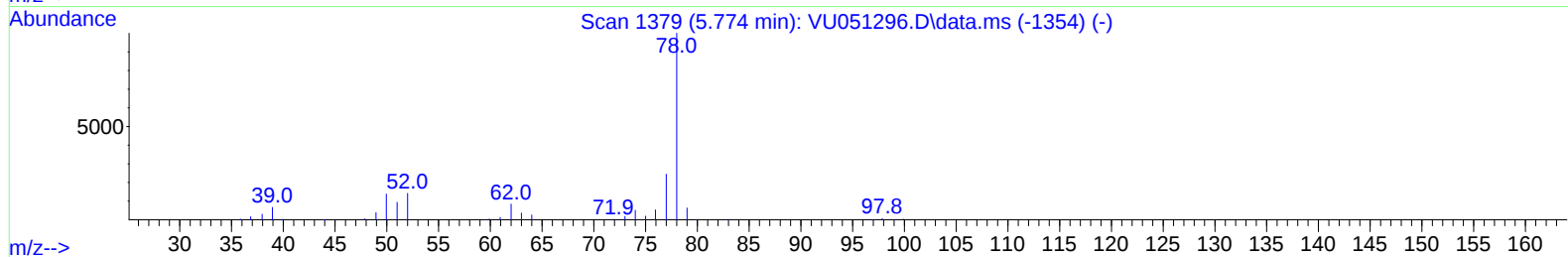
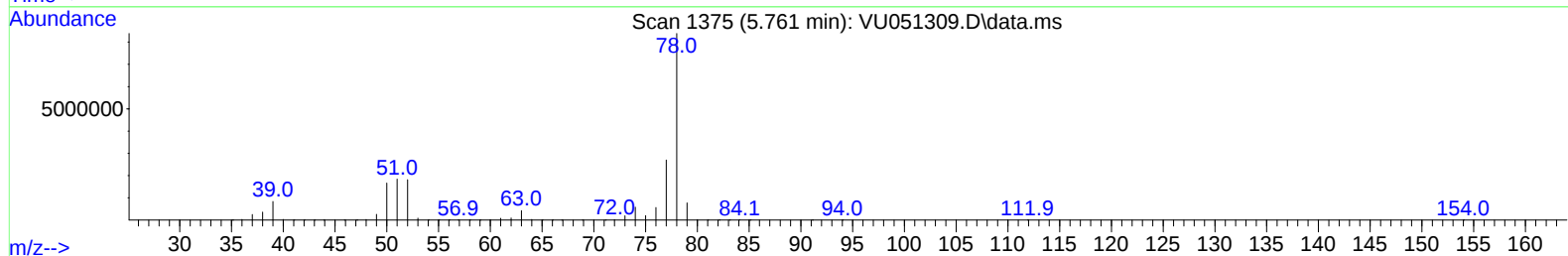
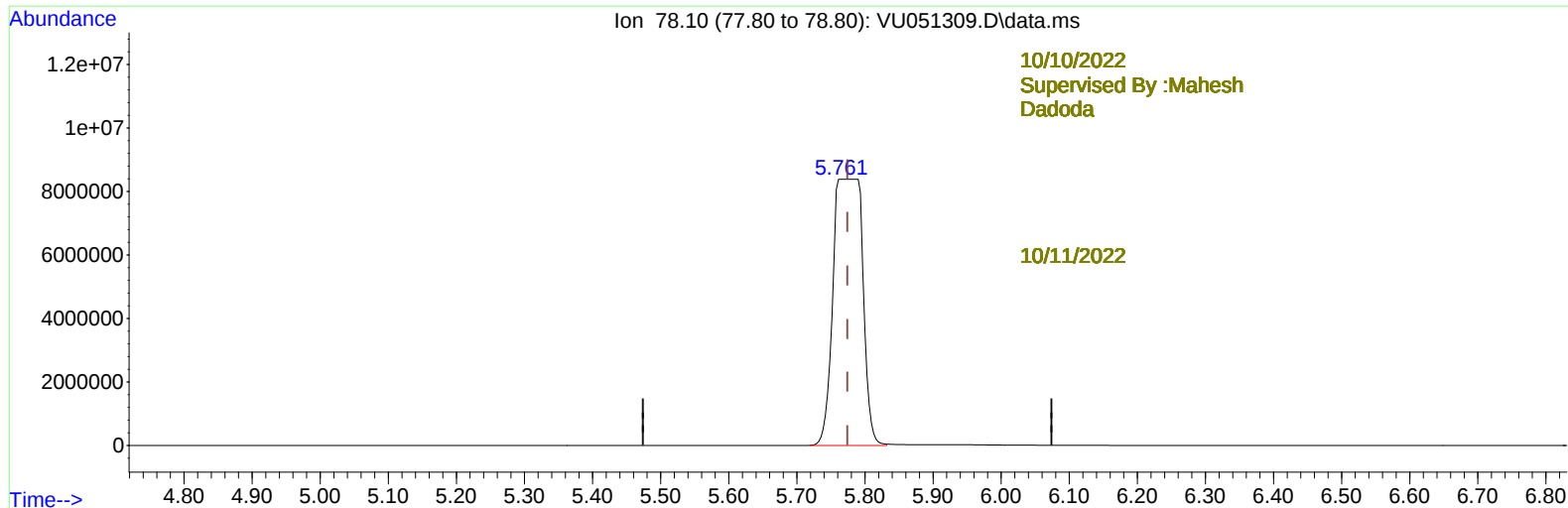
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(33) Benzene (T)

5.761min (-0.013) 301.60 ug/L m

response 25187269

Ion	Exp%	Act%
78.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00