

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051302.D
 Acq On : 09 Oct 2022 16:02
 Operator : JC/MD
 Sample : N5013-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA38

Manual IntegrationsAPPROVED

Quant Time: Oct 10 01:27:35 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 10/10/2022
 Supervised By :Mahesh Dadoda 10/11/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	218627	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	228814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	133731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	64319	3.647	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.909	69	61607	4.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.562	65	25061	3.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.626	46	212423	54.710	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.420%
24) Chloroform-d	5.060	84	140776	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.703	65	76612	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.729	84	273116	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.690	67	94337	4.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.899	98	230191	4.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.179	79	33233	4.732	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.632	63	124653	52.661	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.320%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	85551	5.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	108297	4.659	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	259820	10.578	ug/L	95
8) Chloroethane	1.932	64	350869	22.399	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	5891	0.347	ug/L	97
12) 1,1-Dichloroethene	2.575	96	3788	0.238	ug/L #	1
13) Acetone	2.636	43	208971	71.758	ug/L	93
18) trans-1,2-Dichloroethene	3.353	96	3487	0.208	ug/L #	84
19) 1,1-Dichloroethane	3.867	63	118198	3.415	ug/L	99
21) 2-Butanone	4.713	43	77140	16.808	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	1457563	78.451	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	7617	0.278	ug/L	97
30) Cyclohexane	5.385	56	59942	2.578	ug/L	99
33) Benzene	5.761	78	24649849m	322.691	ug/L	
35) Methylcyclohexane	6.761	83	66193	2.753	ug/L	92
40) 4-Methyl-2-pentanone	7.793	43	98468	8.964	ug/L	97
42) Toluene	7.960	91	25548813m	315.099	ug/L	
47) Tetrachloroethene	8.552	164	3373	0.241	ug/L	90
51) Chlorobenzene	9.446	112	5604315	115.679	ug/L	98
52) Ethylbenzene	9.571	91	8575491	117.691	ug/L	98
53) m,p-Xylene	9.693	106	8548880	302.515	ug/L	69

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

54) o-Xylene	10.099	106	2455035	91.816	ug/L	98
60) Isopropylbenzene	10.484	105	1754430	20.713	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	488220	21.728	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	2321547	36.534	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	44039	1.051	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	222899	5.398	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	280568	6.888	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	6138	0.299	ug/L #	87

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

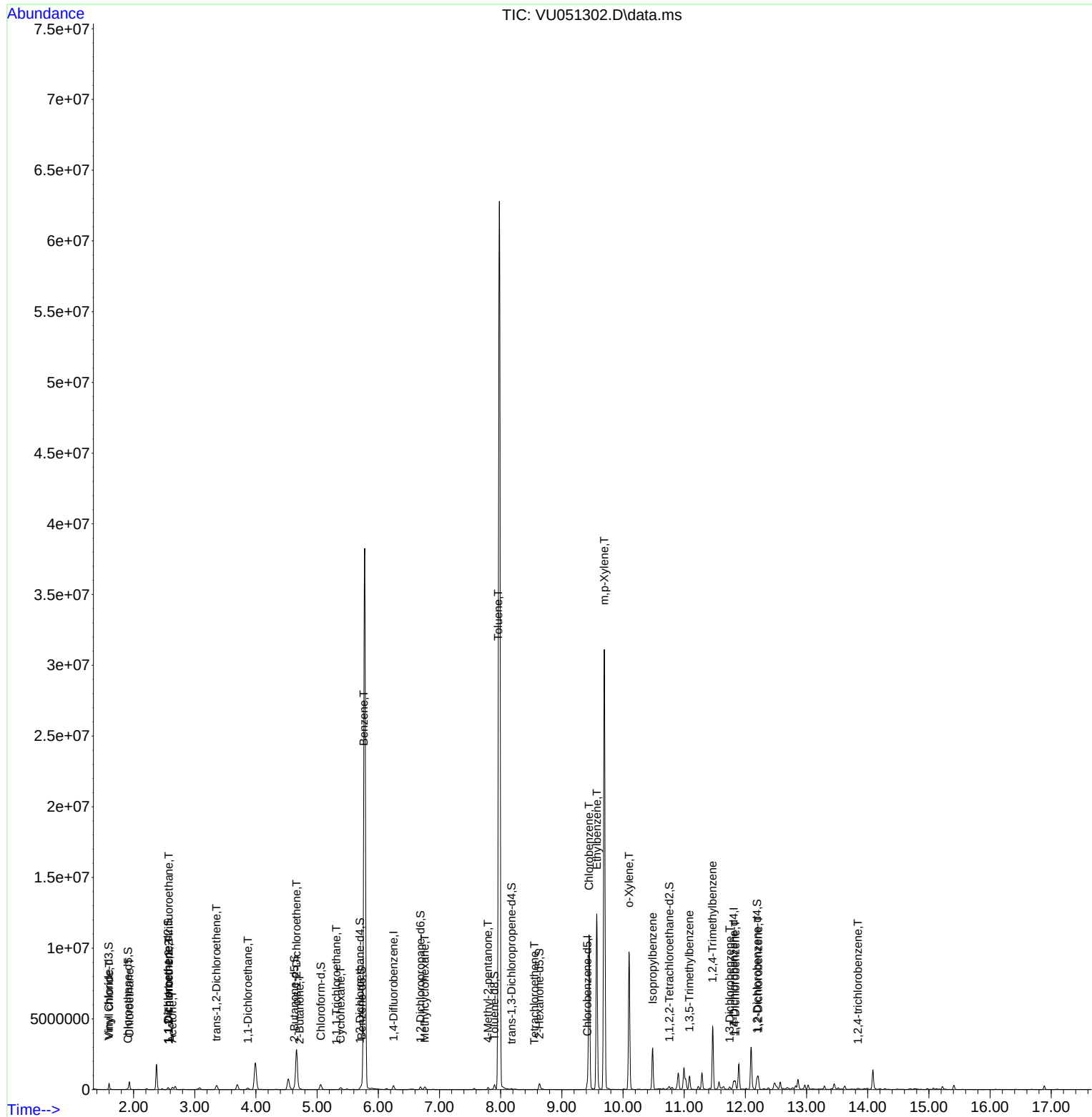
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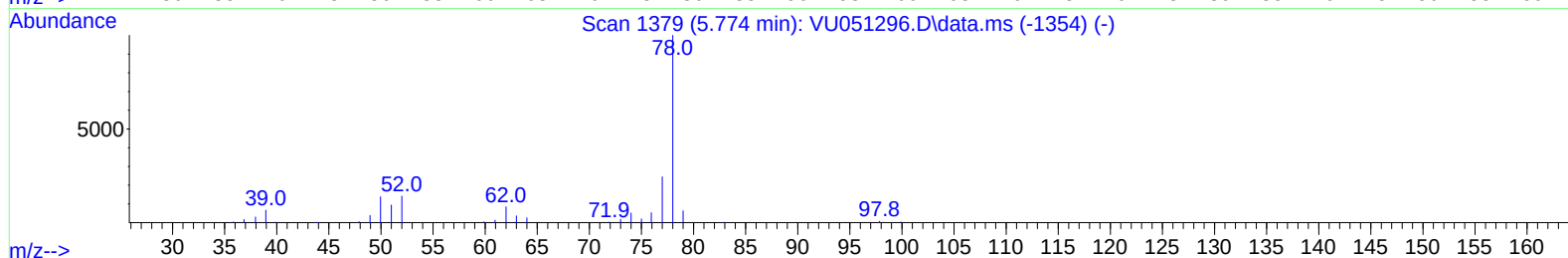
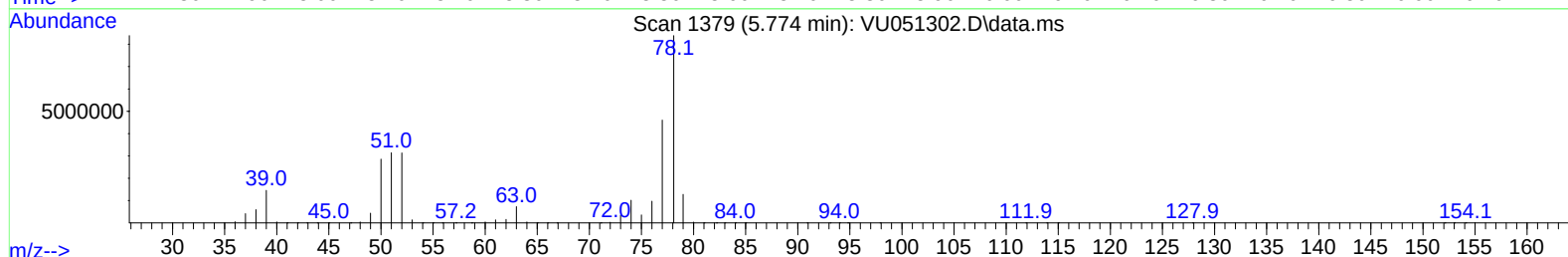
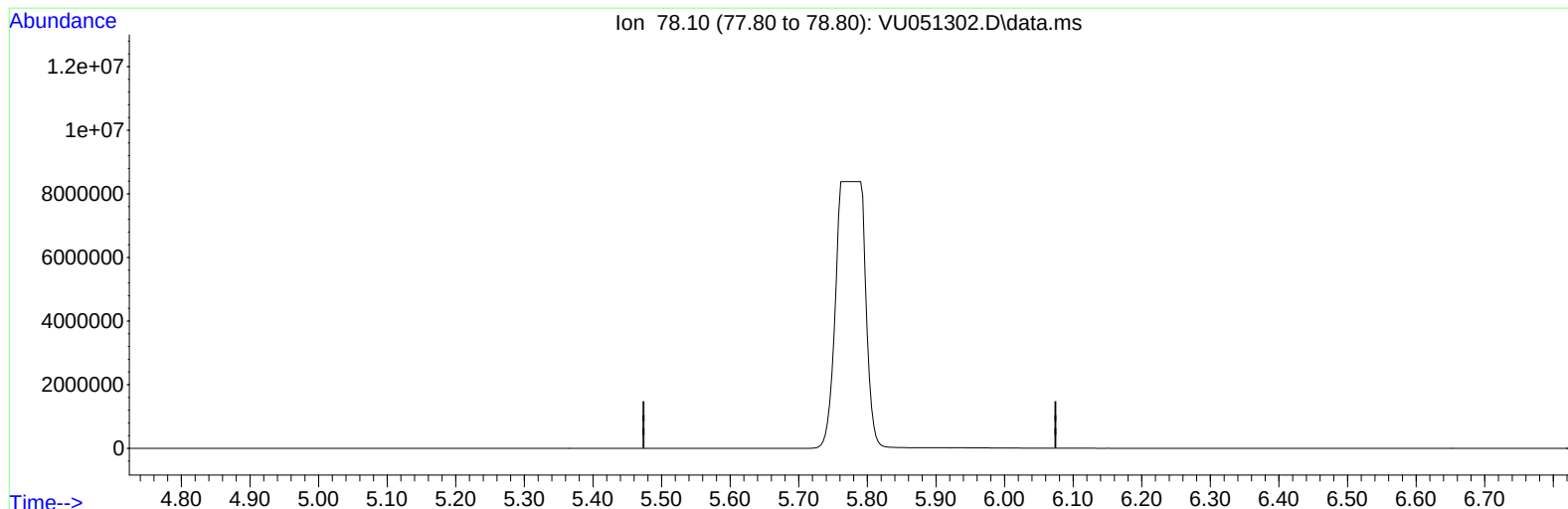
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(33) Benzene (T)

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

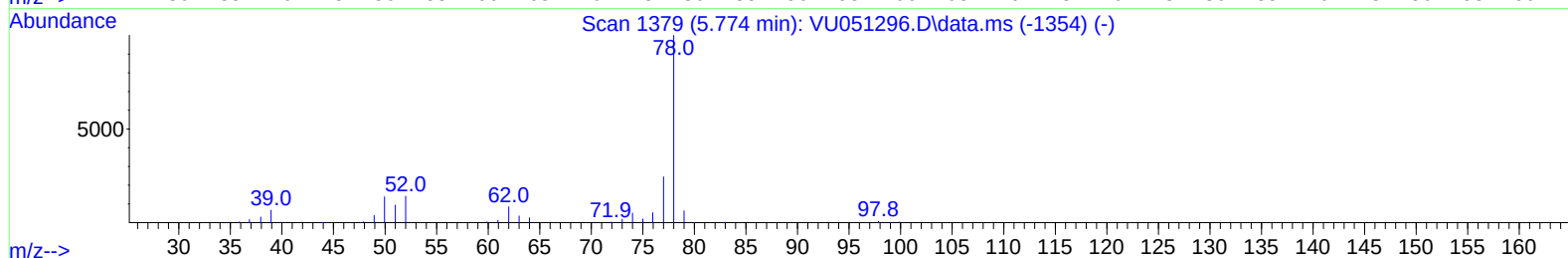
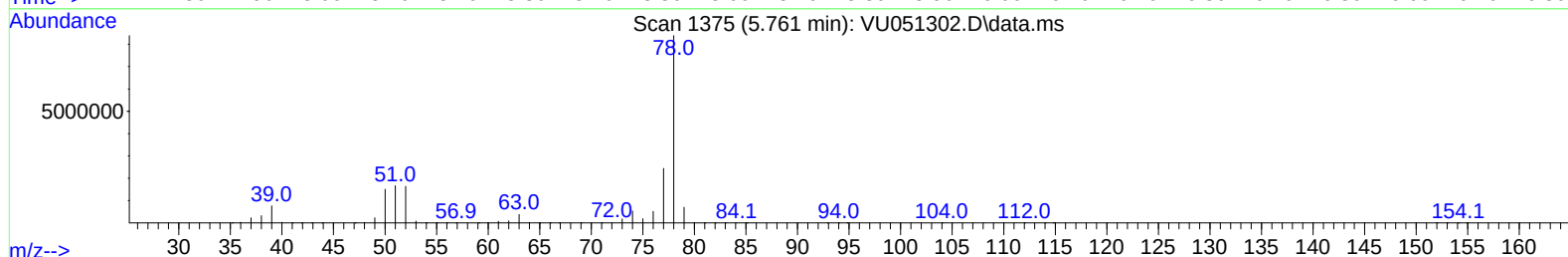
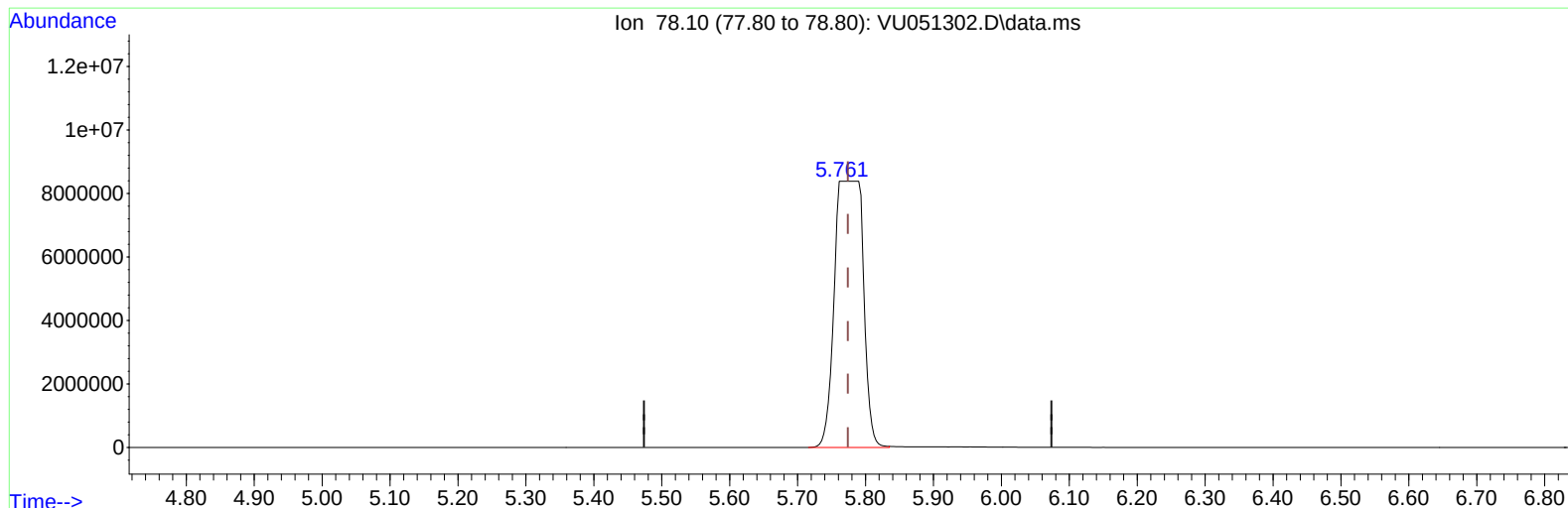
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(33) Benzene (T)

5.761min (-0.013) 322.69 ug/L m

response 24649849

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

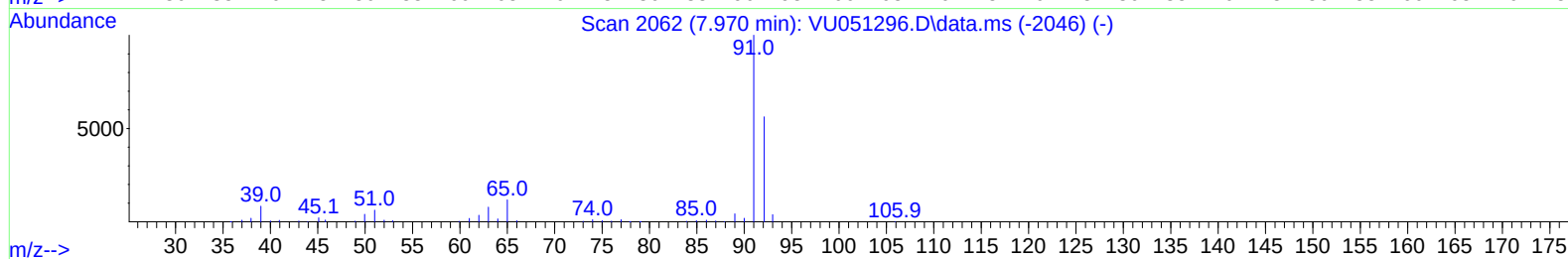
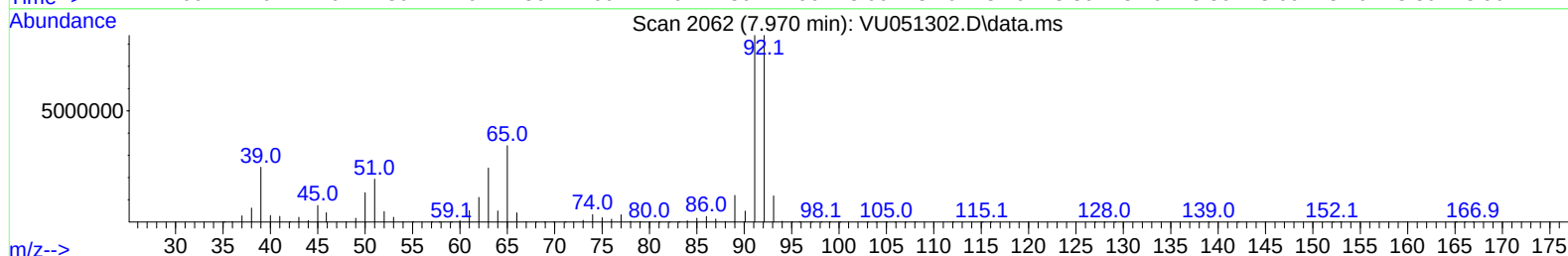
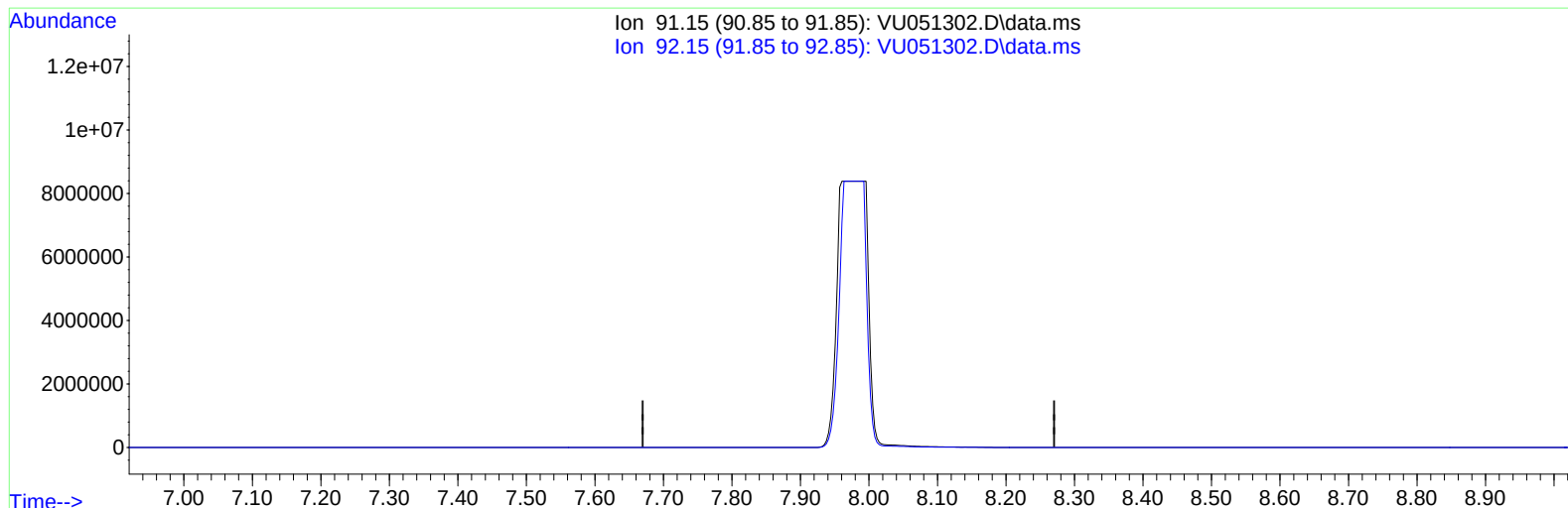
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(42) Toluene (T)

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

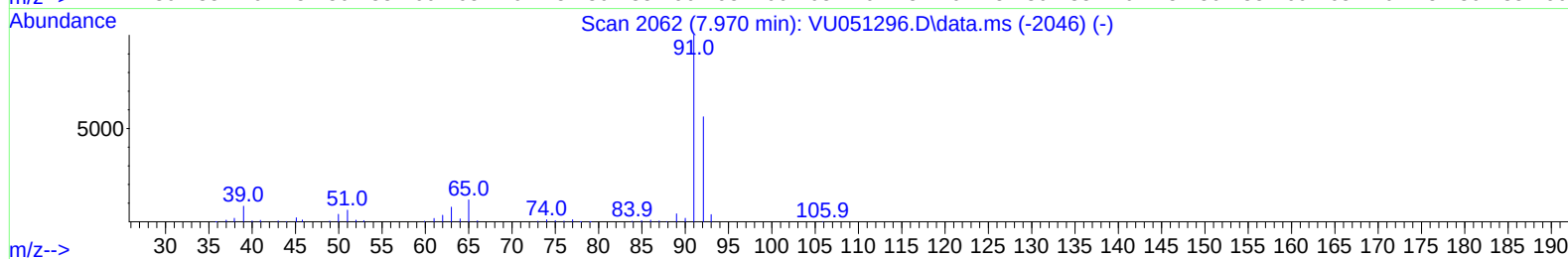
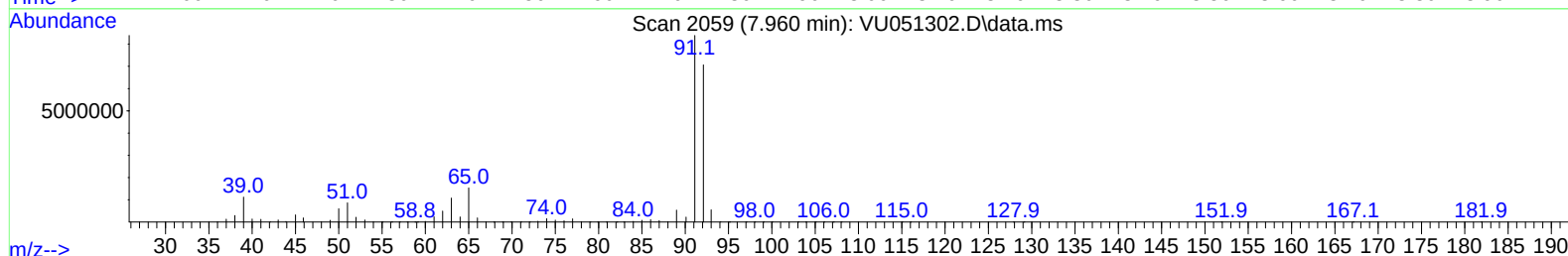
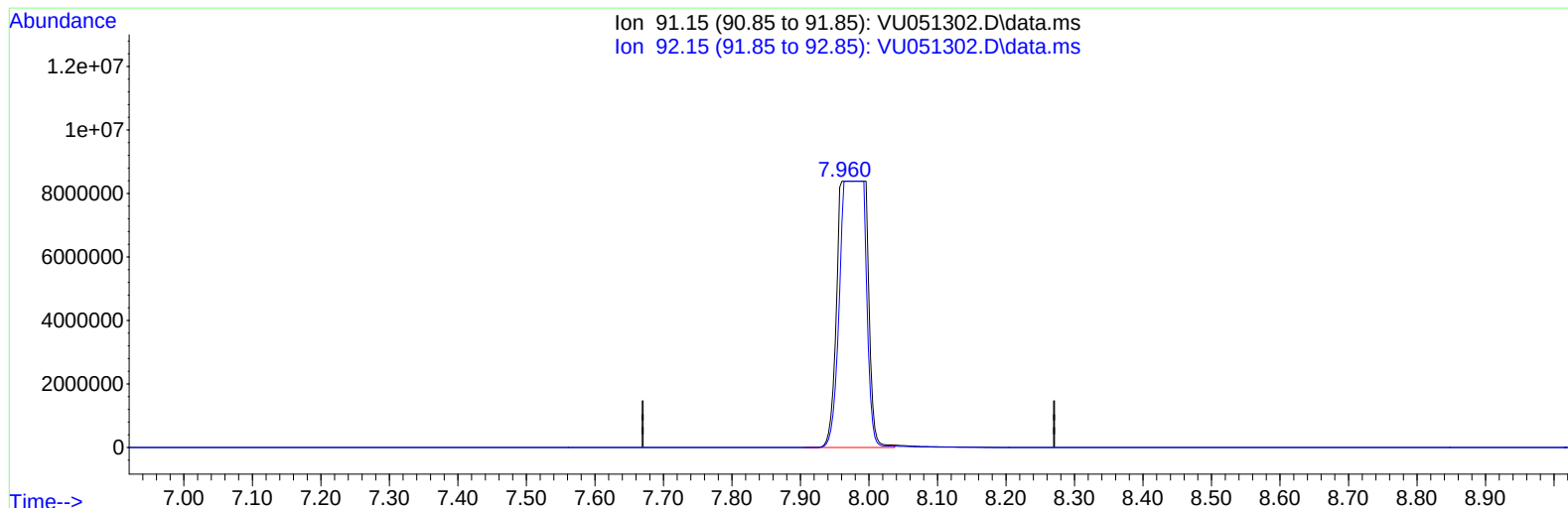
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(42) Toluene (T)

7.960min (-0.010) 315.10 ug/L m

response 25548813

Ion	Exp%	Act%
91.15	100.00	100.00
92.15	57.00	84.22#
0.00	0.00	0.00
0.00	0.00	0.00