

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051305.D
 Acq On : 09 Oct 2022 17:16
 Operator : JC/MD
 Sample : N5013-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA41

Manual IntegrationsAPPROVED

Quant Time: Oct 10 01:28:42 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 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	6.247	114	248041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	240054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	130299	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	67963	3.397	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.000%	
7) Chloroethane-d5	1.909	69	67659	3.936	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.800%	
11) 1,1-Dichloroethene-d2	2.562	65	28284	3.576	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.600%	
20) 2-Butanone-d5	4.620	46	259215	58.844	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.680%	
24) Chloroform-d	5.060	84	161790	4.337	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.700	65	89650	4.660	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
32) Benzene-d6	5.726	84	317744	4.812	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
36) 1,2-Dichloropropane-d6	6.687	67	108889	4.855	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.896	98	262505	4.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	8.176	79	38645	5.245	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.800%	
46) 2-Hexanone-d5	8.629	63	172388	69.417	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	138.840%#	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	97289	5.430	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	114159	5.041	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.601	62	60661	2.177	ug/L	94
8) Chloroethane	1.932	64	141122	7.941	ug/L	99
13) Acetone	2.623	43	143809	43.526	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	2925	0.154	ug/L	92
19) 1,1-Dichloroethane	3.868	63	51494	1.311	ug/L	97
21) 2-Butanone	4.707	43	49589	9.524	ug/L	76
22) cis-1,2-Dichloroethene	4.665	96	559232	26.530	ug/L	96
29) 1,1,1-Trichloroethane	5.318	97	2994	0.104	ug/L	98
30) Cyclohexane	5.385	56	8530	0.350	ug/L	94
33) Benzene	5.774	78	13524567	168.760	ug/L	100
35) Methylcyclohexane	6.758	83	7514	0.298	ug/L	94
40) 4-Methyl-2-pentanone	7.790	43	57363	4.978	ug/L	96
42) Toluene	7.964	91	17168559m	201.829	ug/L	
51) Chlorobenzene	9.446	112	2199338	43.271	ug/L	100
52) Ethylbenzene	9.568	91	2531106	33.111	ug/L	99
53) m,p-Xylene	9.691	106	2522859	85.095	ug/L	98
54) o-Xylene	10.099	106	813297	28.992	ug/L	99
60) Isopropylbenzene	10.481	105	498286	6.038	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	130673	5.969	ug/L	99

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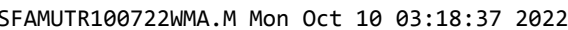
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	11.465	105	542762	8.766	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	20287	0.497	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	105754	2.628	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	122450	3.086	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	3292	0.165	ug/L #	79

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

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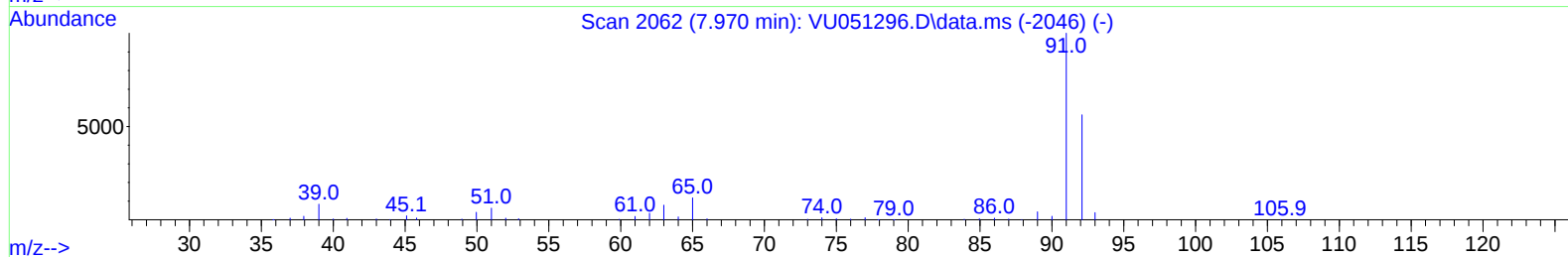
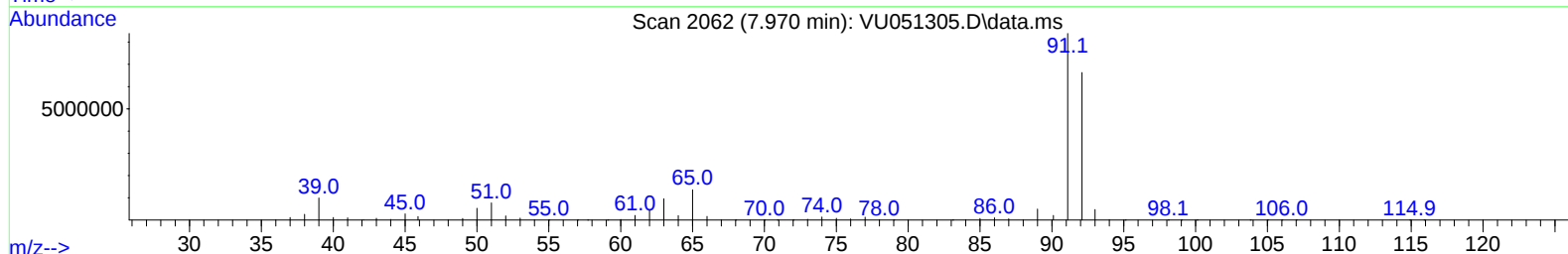
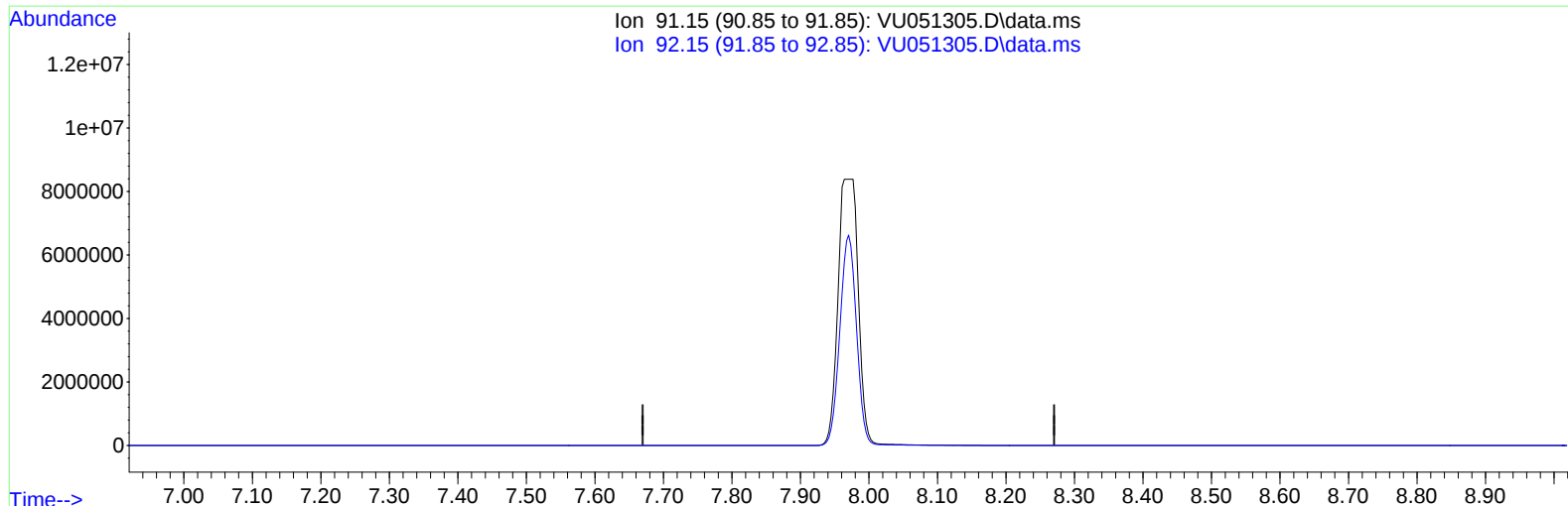
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(42) Toluene (T)

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

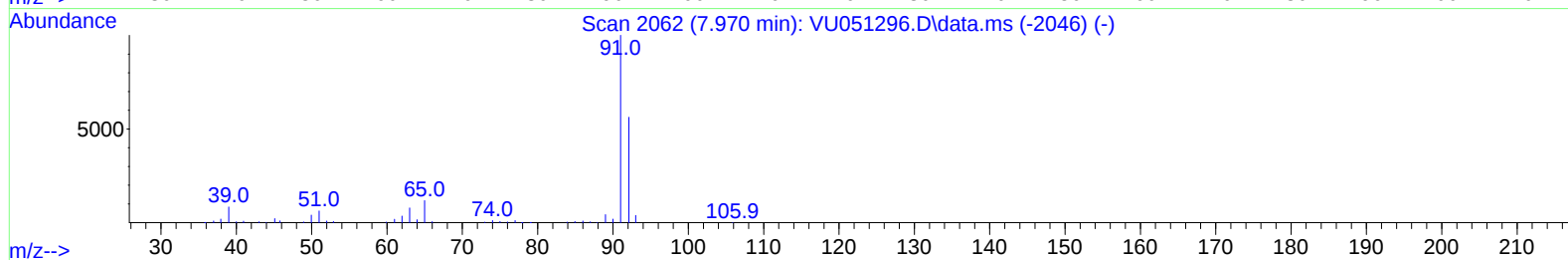
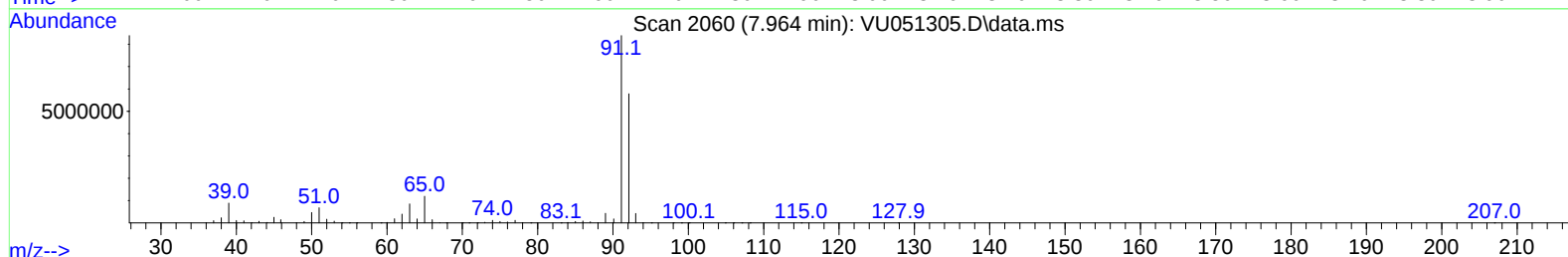
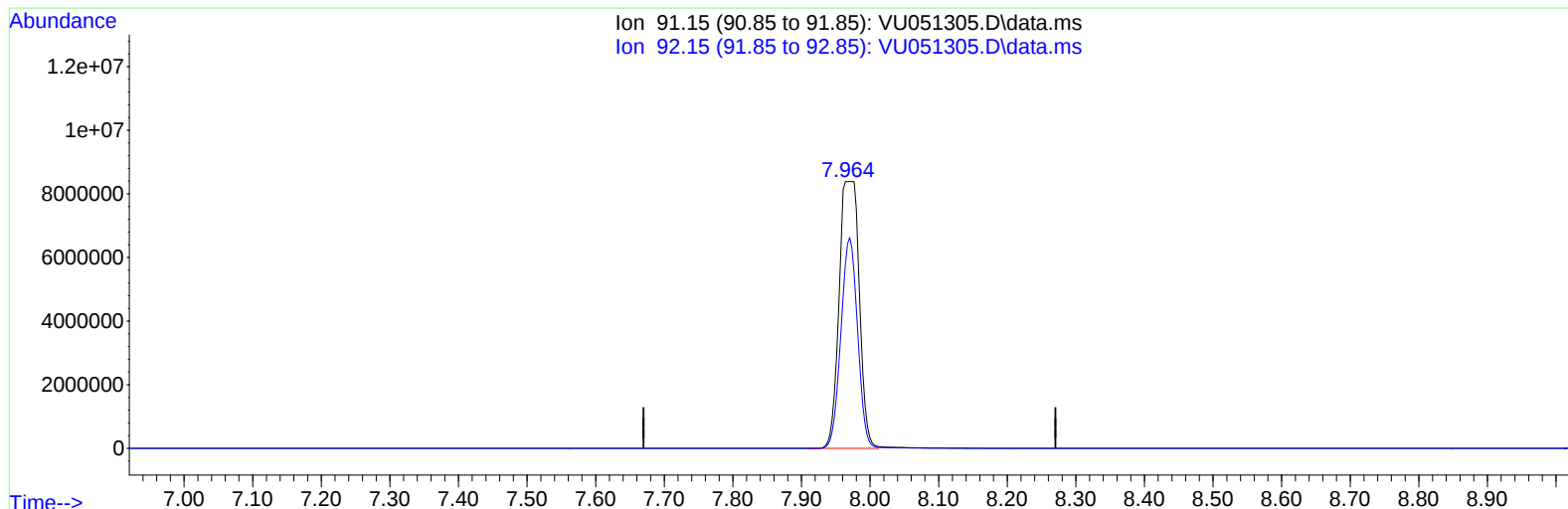
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(42) Toluene (T)

7.964min (-0.006) 201.83 ug/L m

response 17168559

Ion	Exp%	Act%
91.15	100.00	100.00
92.15	57.00	68.91
0.00	0.00	0.00
0.00	0.00	0.00