

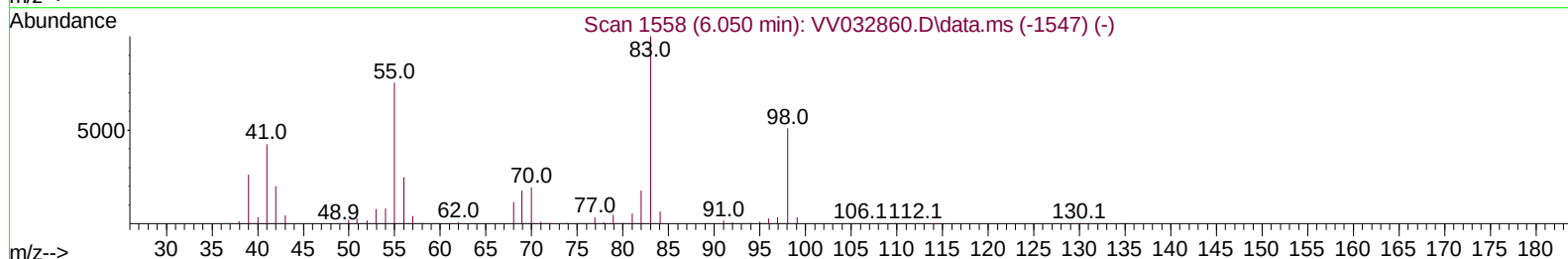
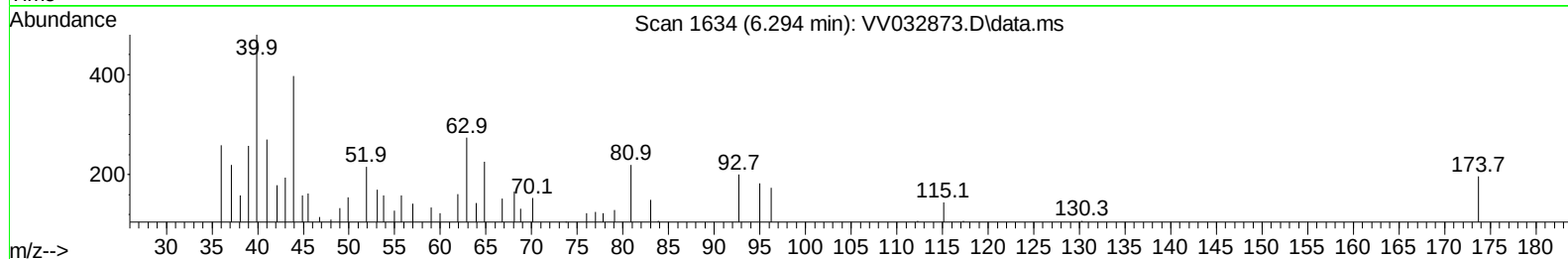
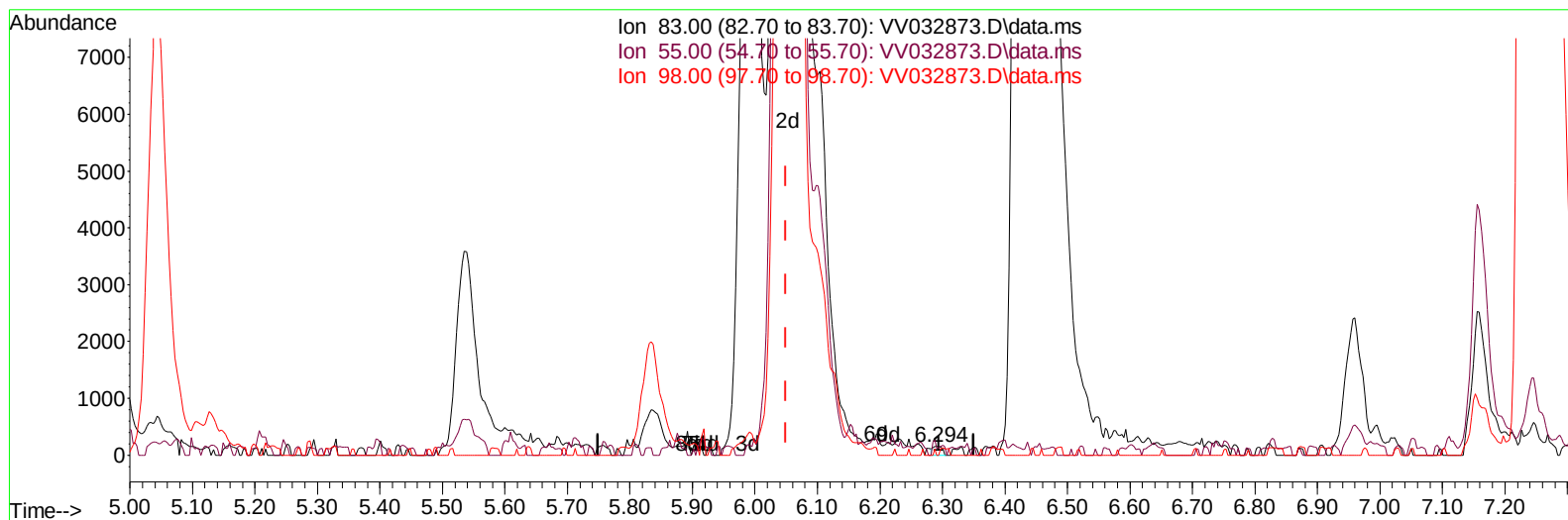
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110723\
 Data File : VV032873.D
 Acq On : 07 Nov 2023 16:38
 Operator : SY/MD
 Sample : 05226-09MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCG47MS

Manual IntegrationsAPPROVED

Quant Time: Nov 08 01:40:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 11/08/2023
 Supervised By :Semsettin Yesilyurt 11/08/2023



TIC: VV032873.D\data.ms

(35) Methylcyclohexane (T)

6.294min (+ 0.244) 0.04 ug/L

response 157

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	72.30	71.97
98.00	49.30	41.40
0.00	0.00	0.00

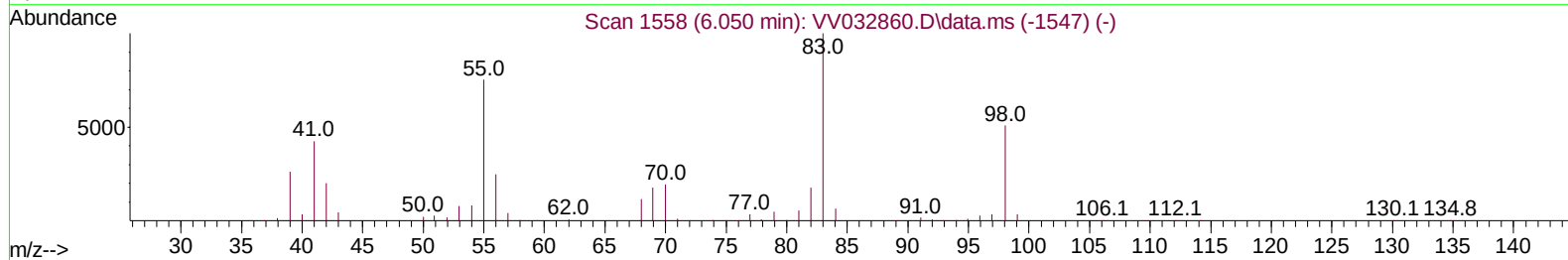
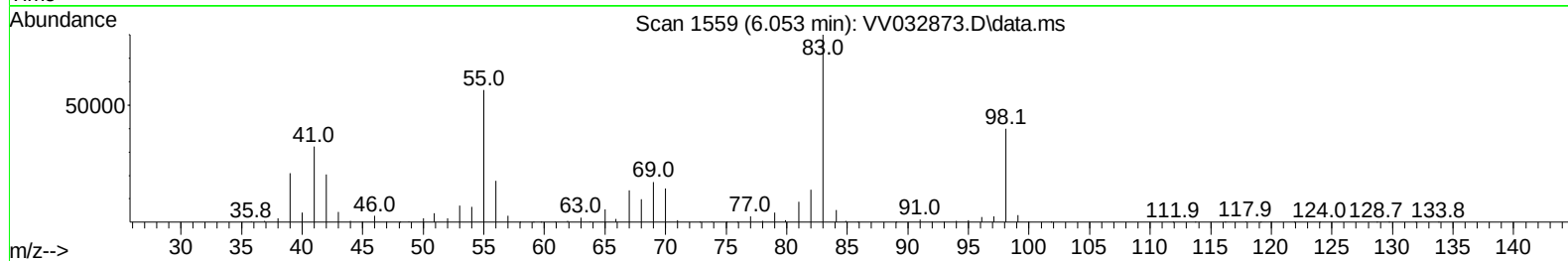
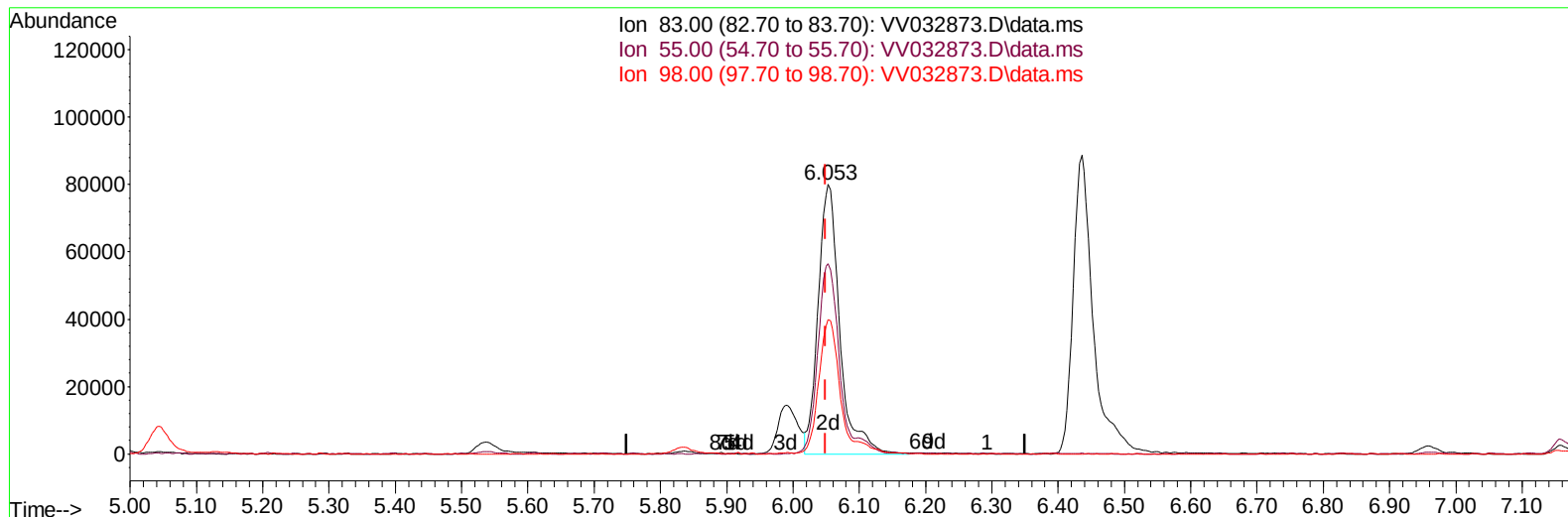
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(35) Methylcyclohexane (T)

6.053min (+ 0.003) 42.39 ug/L m

response 181028

Ion	Exp%	Act%
83.00	100.00	100.00
55.00	72.30	0.06#
98.00	49.30	0.04#
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	324476	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	369770	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	210267	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	99016	32.084	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	64.160%	
7) Chloroethane-d5	1.532	69	95226	36.893	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	73.780%	
11) 1,1-Dichloroethene-d2	2.060	65	44372	34.809	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	69.620%	
21) 2-Butanone-d5	3.789	46	138567	103.513	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	103.510%	
24) Chloroform-d	4.252	84	221937	45.053	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.100%	
26) 1,2-Dichloroethane-d4	4.944	65	138756	45.321	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.640%	
32) Benzene-d6	4.963	84	395729	41.623	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	83.240%	
36) 1,2-Dichloropropane-d6	5.992	67	123093	42.616	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	85.240%	
41) Toluene-d8	7.246	98	399310	42.655	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	85.300%	
43) trans-1,3-Dichloroprop...	7.554	79	66259	44.046	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	88.100%	
47) 2-Hexanone-d5	8.027	63	108008	102.429	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	102.430%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	220737	50.361	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	100.720%	
66) 1,2-Dichlorobenzene-d4	11.564	152	180976	44.664	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	89.320%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	115455	40.438	ug/L	99
3) Chloromethane	1.217	50	112124	40.593	ug/L	100
5) Vinyl chloride	1.285	62	124379	42.230	ug/L	98
6) Bromomethane	1.484	94	86336	42.011	ug/L	99
8) Chloroethane	1.548	64	87395	44.078	ug/L	100
9) Trichlorofluoromethane	1.712	101	207296	44.165	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	127054	44.738	ug/L	99
12) 1,1-Dichloroethene	2.069	96	107573	44.326	ug/L	85
13) Acetone	2.111	43	112755	50.322	ug/L	100
14) Carbon disulfide	2.243	76	251683	43.444	ug/L	99
15) Methyl Acetate	2.375	43	107043	47.117	ug/L	99
16) Methylene chloride	2.449	84	123391	38.331	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	100338	43.318	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	336456	49.185	ug/L	99
19) 1,1-Dichloroethane	3.114	63	199361	45.163	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	117992	46.124	ug/L	99
22) 2-Butanone	3.867	43	142184	74.825	ug/L	99
23) Bromochloromethane	4.149	128	67684	47.404	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.281	83	228510	45.419	ug/L	99
27) 1,2-Dichloroethane	5.043	62	177165	48.862	ug/L	96
29) Cyclohexane	4.587	56	136351	41.029	ug/L #	92
30) 1,1,1-Trichloroethane	4.516	97	197876	44.666	ug/L	99
31) Carbon tetrachloride	4.738	117	170752	43.617	ug/L	98
33) Benzene	5.011	78	454048	46.308	ug/L	100
34) Trichloroethene	5.834	95	112729	41.301	ug/L	98
35) Methylcyclohexane	6.053	83	181028m	42.387	ug/L	
37) 1,2-Dichloropropane	6.095	63	111072	42.675	ug/L	99
38) Bromodichloromethane	6.436	83	186535	45.684	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	196665	50.367	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	321792	104.326	ug/L	99
42) Toluene	7.317	91	534584	47.875	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	189395	47.224	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	144257	48.322	ug/L	99
46) Tetrachloroethene	7.908	164	103347	41.964	ug/L	96
48) 2-Hexanone	8.075	43	251072	90.722	ug/L	96
49) Dibromochloromethane	8.181	129	146475	46.931	ug/L	99
50) 1,2-Dibromoethane	8.284	107	149424	49.130	ug/L	99
51) Chlorobenzene	8.818	112	359299	45.452	ug/L	98
52) Ethylbenzene	8.950	91	578957	47.003	ug/L	99
53) m,p-Xylene	9.075	106	224009	47.785	ug/L	99
54) o-Xylene	9.480	106	217304	47.849	ug/L	98
55) Styrene	9.497	104	397067	50.170	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	226914	50.751	ug/L	99
59) Bromoform	9.667	173	109263	46.347	ug/L	99
60) Isopropylbenzene	9.870	105	592114	46.435	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	164522	46.844	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	467568	46.597	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	461048	48.032	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	299038	45.015	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	310532	44.303	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	302460	44.599	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	42074	46.030	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	204691	42.682	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	181285	43.710	ug/L	99
71) Naphthalene	13.442	128	514899	49.715	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	197757	47.757	ug/L	99

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

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