LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
Data File : VU053452.D
Acq On : 28 Mar 2023 22:56
Operator : JC/MD
Sample : 02037-01DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E45E4DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Title : VOC Analysis

Signal : TIC: VU053452.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.598	73	80	97	rVB	113472	134743	16.06%	1.522%
2	1.913	170	178	195	rBV	90219	123566	14.73%	1.396%
3	2.565	369	381	395	rBV	171282	283276	33.77%	3.200%
4	2.906	483	487	488	rBV	482	333	0.04%	0.004%
5	2.993	512	514	517	rVB	330	139	0.02%	0.002%
6	3.041	520	529	543	rBV3	11251	22133	2.64%	0.250%
7	3.237	584	590	592	rBV3	466	459	0.05%	0.005%
8	3.353	616	626	636	rBV4	3880	7359	0.88%	0.083%
9	3.479	662	665	668	rBV	269	192	0.02%	0.002%
10	3.617	705	708	713	rBV2	218	183	0.02%	0.002%
11	3.790	758	762	764	rBV	221	199	0.02%	0.002%
12	3.864	768	785	806	rBV	166526	394979	47.08%	4.462%
13	4.028	834	836	845	rVB	313	273	0.03%	0.003%
14	4.083	850	853	856	rBV2	227	165	0.02%	0.002%
15	4.350	933	936	939	rBV2	182	145	0.02%	0.002%
16	4.543	989	996	1001	rVB2	288	422	0.05%	0.005%
17	4.659	1010	1032	1071	rBV3	264376	756402	90.17%	8.545%
18	4.925	1112	1115	1120	rVB3	283	259	0.03%	0.003%
19	4.980	1127	1132	1136	rBV	294	238	0.03%	0.003%
20	5.057	1140	1156	1182	rBV2	150590	333252	39.73%	3.765%
21	5.253	1213	1217	1219	rVV	368	283	0.03%	0.003%
22	5.311	1219	1235	1256	rVV	123351	279103	33.27%	3.153%
23	5.385	1256	1258	1263	rVB2	262	161	0.02%	0.002%
24	5.417	1263	1268	1271	rBV2	174	183	0.02%	0.002%
25	5.646	1334	1339	1341	rBV2	292	262	0.03%	0.003%
26	5.720	1341	1362	1394	rBV2	303962	838895	100.00%	9.477%
27	5.900	1414	1418	1425	rBV3	345	522	0.06%	0.006%
28	5.951	1428	1434	1438	rBV	143	142	0.02%	0.002%
29	6.064	1467	1469	1474	rVB	252	146	0.02%	0.002%
30	6.118	1484	1486	1493	rVB2	361	237	0.03%	0.003%
31	6.186	1502	1507	1511	rBV2	192	177	0.02%	0.002%
32	6.244	1511	1525	1545	rBV	253803	476670	56.82%	5.385%
33	6.527	1608	1613	1614	rBV	1540	1122	0.13%	0.013%
34	6.684	1648	1662	1682	rBV	195614	380756	45.39%	4.301%
35	6.803	1695	1699	1703	rBV3	508	496	0.06%	0.006%
36	6.851	1711	1714	1718	rBV2	178	167	0.02%	0.002%

LSC Area Percent Report

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Operator : JC/MD
Sample : 02037-01DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E45E4DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Title : VOC Analysis

37	7.067	1778	1781	1784	rBV	180	138	0.02%	0.002%
38	7.099	1788	1791	1795	rVV2	253	220	0.03%	0.002%
39	7.189	1815	1819	1823	rVV3	605	575	0.07%	0.006%
40	7.260	1838	1841	1845	rBV2	292	240	0.03%	0.003%
41	7.485	1907	1911	1917	rBV2	199	220	0.03%	0.002%
42	7.562	1923	1935	1951	rBV	109840	192434	22.94%	2.174%
43	7.787	1996	2005	2021	rBV4	8106	15028	1.79%	0.170%
44	7.893	2025	2038	2050	rBV	385599	662608	78.99%	7.486%
45	7.964	2051	2060	2076	rVB	166526	282431	33.67%	3.191%
46	8.176	2114	2126	2144	rVV	75694	130249	15.53%	1.471%
47	8.372	2179	2187	2190	rBV2	361	427	0.05%	0.005%
48	8.552	2233	2243	2251	rVB4	9080	14741	1.76%	0.167%
49	8.629	2255	2267	2302	rBV2	178589	358412	42.72%	4.049%
50	8.813	2321	2324	2327	rBV2	330	237	0.03%	0.003%
51	8.880	2341	2345	2347	rVB2	240	165	0.02%	0.002%
52	8.977	2369	2375	2379	rBV2	339	338	0.04%	0.004%
53	8.996	2379	2381	2385	rBV	148	138	0.02%	0.002%
54	9.160	2429	2432	2436	rVB2	282	210	0.03%	0.002%
55	9.276	2464	2468	2474	rBV	186	235	0.03%	0.003%
56	9.353	2490	2492	2496	rVB	250	151	0.02%	0.002%
57	9.411	2496	2510	2535	rBV	351494	587446	70.03%	6.636%
58	9.565	2549	2558	2572	rVB	25365	39265	4.68%	0.444%
59	9.687	2584	2596	2613	rBV	131360	218668	26.07%	2.470%
60	10.096	2711	2723	2741	rBV	80195	130706	15.58%	1.477%
61	10.481	2834	2843	2850	rBV3	3168	4303	0.51%	0.049%
62	10.678	2899	2904	2907	rBV2	244	227	0.03%	0.003%
63	10.752	2914	2927	2946	rBV	260995	414254	49.38%	4.680%
64	10.903	2965	2974	2987	rVB	6809	9662	1.15%	0.109%
65	10.993	2992	3002	3021	rBV	32750	69117	8.24%	0.781%
66	11.083	3021	3030	3046	rVB2	27007	41376	4.93%	0.467%
67	11.227	3065	3075	3085	rBV2	24501	35495	4.23%	0.401%
68	11.285	3085	3093	3105	rVV	23240	34355	4.10%	0.388%
69	11.346	3109	3112	3115	rVB2	297	172	0.02%	0.002%
70	11.369	3115	3119	3123	rBV2	303	315	0.04%	0.004%
71	11.462	3137	3148	3160	rBV	67019	101445	12.09%	1.146%
72	11.555	3169	3177	3187	rBV6	3273	4679	0.56%	0.053%
73	11.742	3223	3235	3242	rBV5	4703	6230	0.74%	0.070%
74	11.806	3243	3255	3271	rVV	366259	584850	69.72%	6.607%
75	11.890	3272	3281	3294	rVB	44763	71334	8.50%	0.806%
76	12.002	3312	3316	3322	rVB2	481	547	0.07%	0.006%

LSC Area Percent Report

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Operator : JC/MD
Sample : 02037-01DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E45E4DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Title : VOC Analysis

77	12.092	3334	3344	3350	rBV3	13673	20721	2.47%	0.234%
78	12.189	3361	3374	3394	rBV	391053	663408	79.08%	7.495%
79	12.295	3403	3407	3410	rBV2	662	649	0.08%	0.007%
80	12.321	3413	3415	3419	rVB2	289	162	0.02%	0.002%
81	12.372	3423	3431	3441	rBV	3091	4289	0.51%	0.048%
82	12.462	3451	3459	3463	rBV3	5068	7292	0.87%	0.082%
83	12.568	3484	3492	3502	rBV2	11567	15510	1.85%	0.175%
84	12.678	3519	3526	3528	rBV3	1948	1982	0.24%	0.022%
85	12.835	3572	3575	3578	rVB2	261	148	0.02%	0.002%
86	12.874	3578	3587	3595	rBV3	3451	5301	0.63%	0.060%
87	12.970	3608	3617	3625	rBV2	6562	9912	1.18%	0.112%
88	13.022	3625	3633	3644	rVB	11292	16134	1.92%	0.182%
89	13.157	3672	3675	3676	rBV	281	163	0.02%	0.002%
90	13.189	3682	3685	3689	rBV2	410	386	0.05%	0.004%
91	13.253	3702	3705	3709	rBV3	348	291	0.03%	0.003%
92	13.292	3710	3717	3724	rVB4	2481	3318	0.40%	0.037%
93	13.449	3757	3766	3775	rBV4	10341	15892	1.89%	0.180%
94	13.616	3812	3818	3826	rBV4	1486	2133	0.25%	0.024%
95	13.838	3880	3887	3898	rVB5	4214	6497	0.77%	0.073%
96	13.932	3911	3916	3919	rBV	442	356	0.04%	0.004%
97	14.089	3954	3965	3978	rBV	11627	21497	2.56%	0.243%
98	14.330	4035	4040	4050	rVB7	2460	3515	0.42%	0.040%
99	14.668	4142	4145	4146	rBV	429	262	0.03%	0.003%
100	15.031	4256	4258	4265	rBV	358	360	0.04%	0.004%

Sum of corrected areas: 8851860

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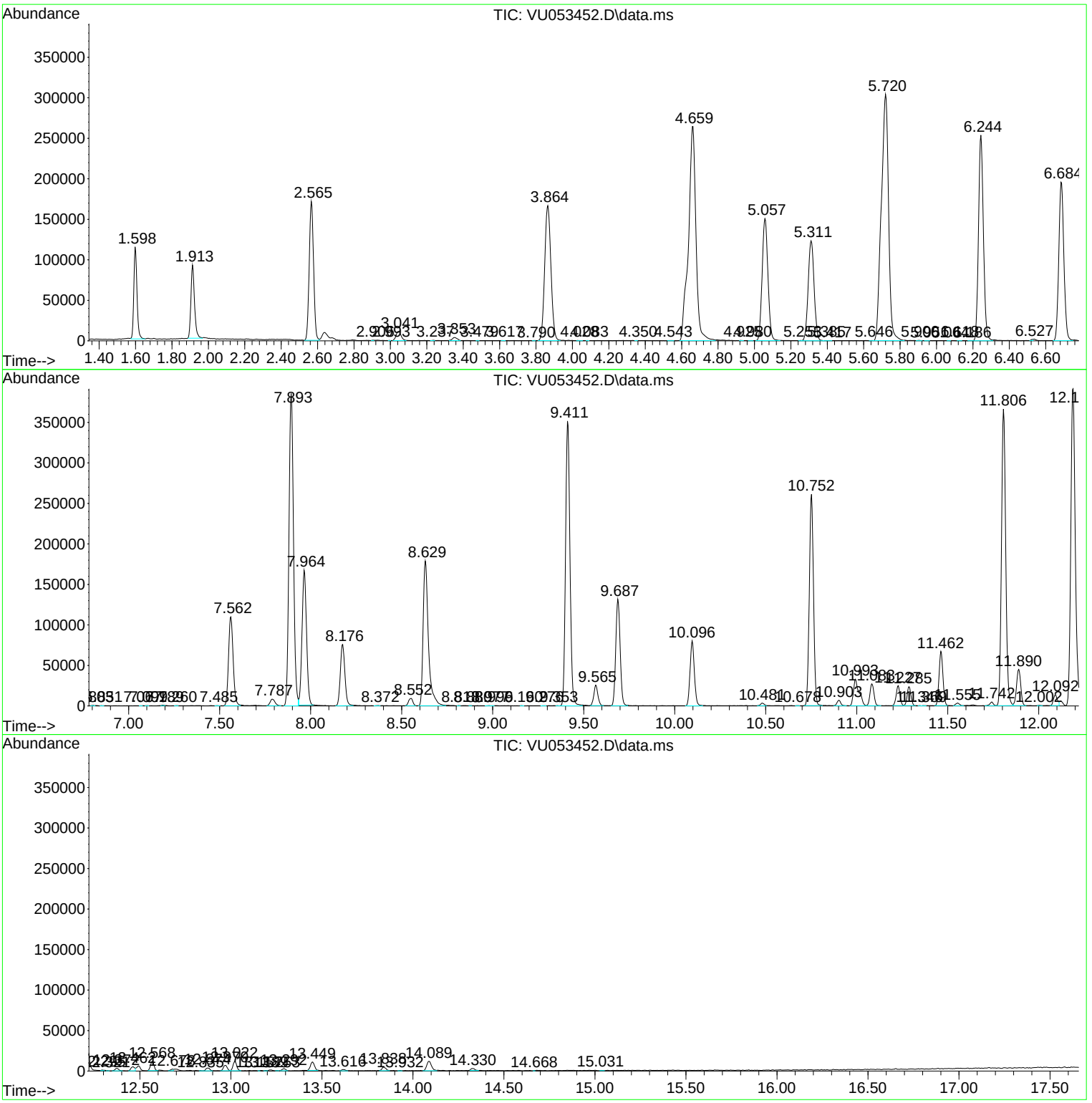
Sample : 02037-01DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E45E4DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
Data File : VU053452.D
Acq On : 28 Mar 2023 22:56
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E45E4DL

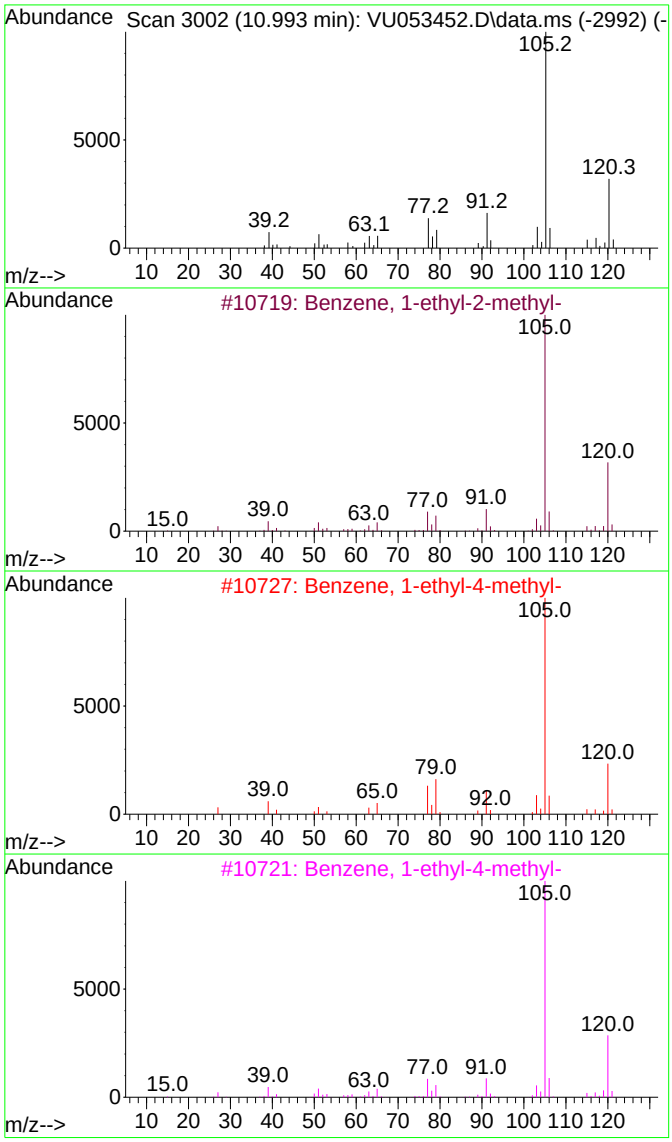
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

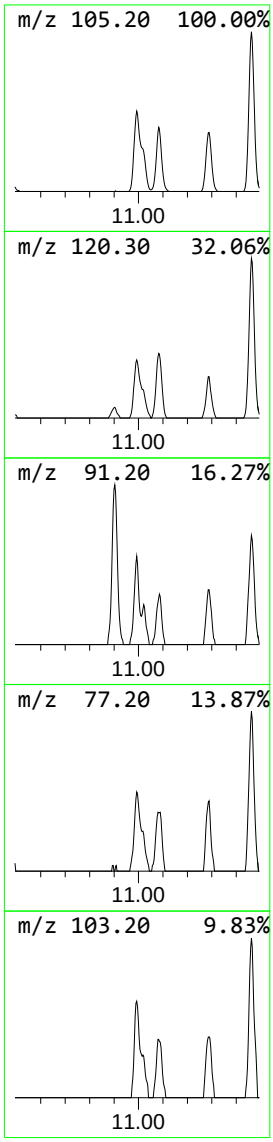
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.993	5.91 ug/L	69117	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
Data File : VU053452.D
Acq On : 28 Mar 2023 22:56
Operator : JC/MD
Sample : 02037-01DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E45E4DL

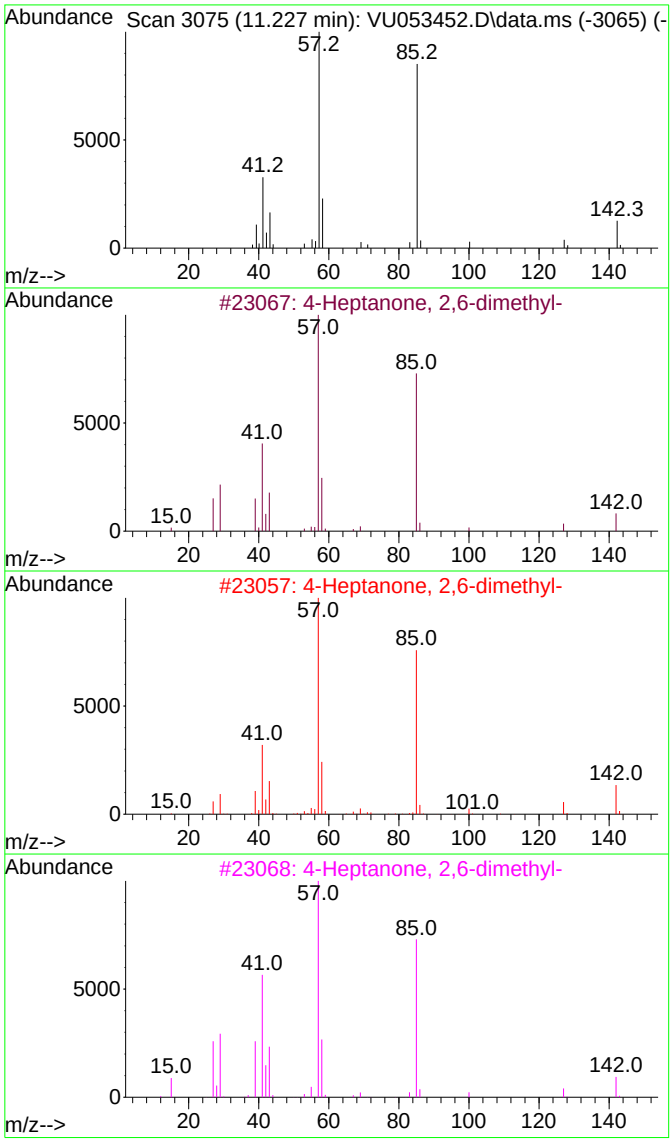
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

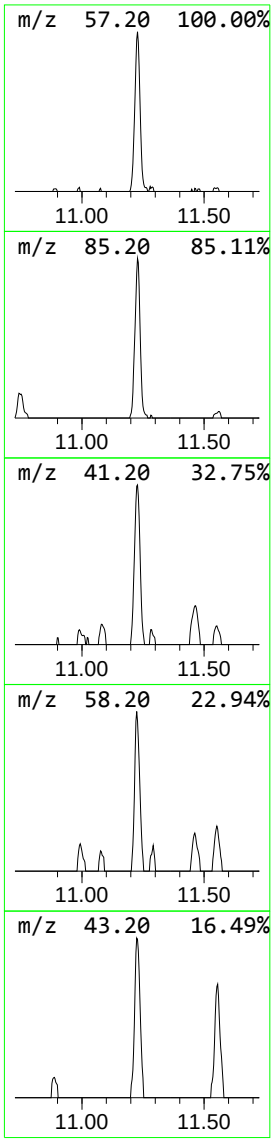
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4-Heptanone, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	3.03 ug/L	35495	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
3	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
4	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	90
5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E45E4DL

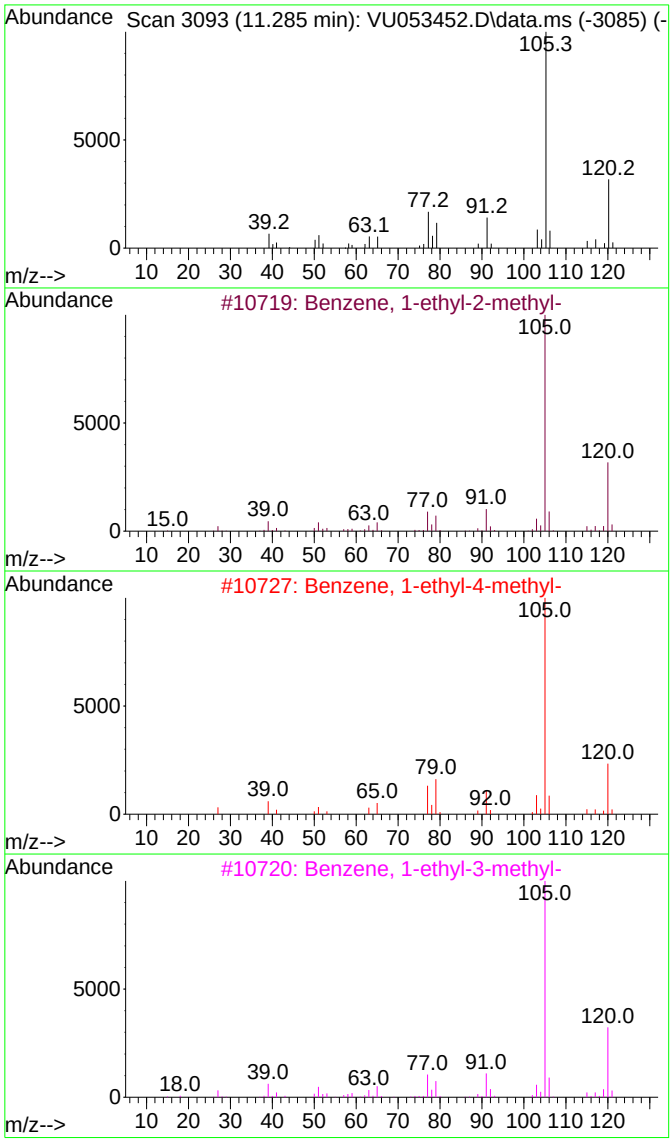
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

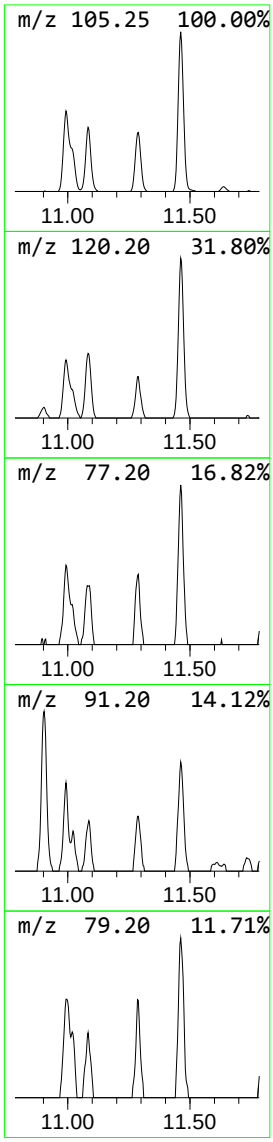
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.285	2.94 ug/L	34355	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
Data File : VU053452.D
Acq On : 28 Mar 2023 22:56
Operator : JC/MD
Sample : 02037-01DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E45E4DL

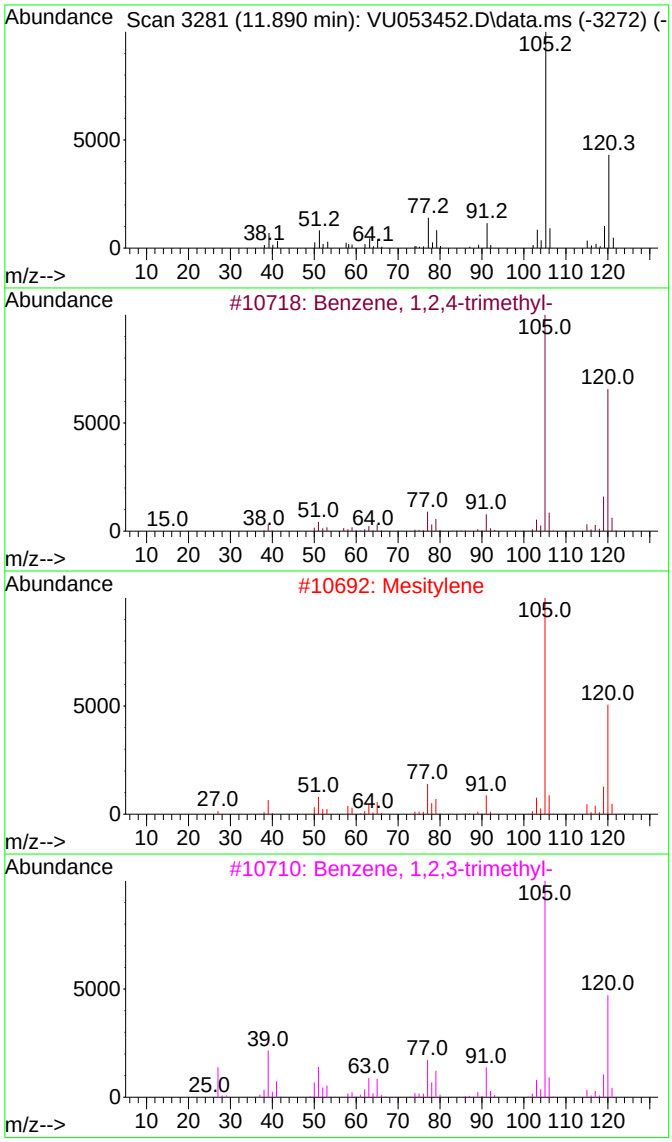
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

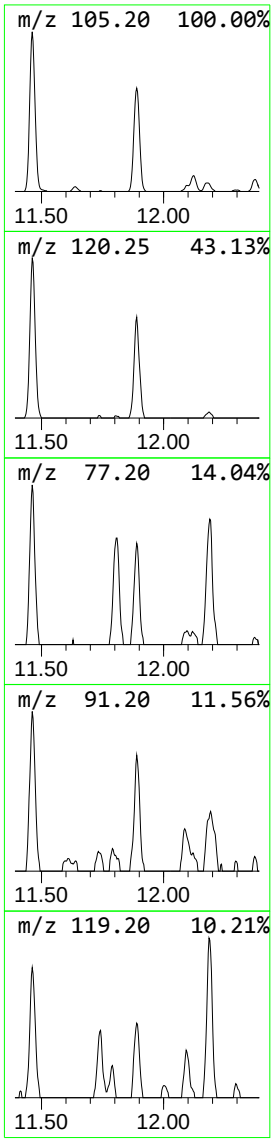
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.890	6.10 ug/L	71334	1,4-Dichlorobenzene-d4	11.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
Data File : VU053452.D
Acq On : 28 Mar 2023 22:56
Operator : JC/MD
Sample : 02037-01DL 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E45E4DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	10.993	5.9	ug/L	69117	3	11.806	584850	50.0
4-Heptanone, 2,...	11.227	3.0	ug/L	35495	3	11.806	584850	50.0
Benzene, 1-ethy...	11.285	2.9	ug/L	34355	3	11.806	584850	50.0
Benzene, 1,2,3-...	11.890	6.1	ug/L	71334	3	11.806	584850	50.0