LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047707.D
Acq On : 26 Mar 2022 14:34
Operator : SY/MD
Sample : N2081-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X3

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\SFAMULM032422WMA.M
Title : VOC Analysis

Signal : TIC: VU047707.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	70	81	100	rVB3	112398	171815	2.60%	0.861%
2	1.938	171	186	216	rVB2	342472	579205	8.77%	2.904%
3	2.507	360	363	368	rVB2	719	530	0.01%	0.003%
4	2.572	368	383	399	rBV2	184349	332224	5.03%	1.666%
5	3.048	527	531	534	rBV3	781	623	0.01%	0.003%
6	3.179	567	572	573	rBV3	461	331	0.01%	0.002%
7	3.228	575	587	591	rBV6	1732	3814	0.06%	0.019%
8	3.356	619	627	642	rVB6	6795	14368	0.22%	0.072%
9	3.594	695	701	709	rBV7	1136	1754	0.03%	0.009%
10	3.874	765	788	812	rBV	395079	932269	14.11%	4.674%
11	4.031	835	837	843	rVB2	391	282	0.00%	0.001%
12	4.060	843	846	850	rVB3	343	341	0.01%	0.002%
13	4.424	955	959	962	rBV2	260	295	0.00%	0.001%
14	4.520	986	989	991	rBV	426	330	0.00%	0.002%
15	4.539	991	995	997	rVV4	452	379	0.01%	0.002%
16	4.562	999	1002	1010	rVV4	748	952	0.01%	0.005%
17	4.668	1011	1035	1074	rBV2	573250	1548805	23.44%	7.765%
18	5.057	1138	1156	1215	rBV	2682741	6607159	100.00%	33.126%
19	5.318	1222	1237	1257	rVB	274524	613706	9.29%	3.077%
20	5.726	1343	1364	1397	rBV2	324019	890884	13.48%	4.467%
21	6.250	1512	1527	1552	rBV	331121	624790	9.46%	3.132%
22	6.498	1598	1604	1607	rVB3	352	336	0.01%	0.002%
23	6.543	1607	1618	1635	rBV2	53042	99705	1.51%	0.500%
24	6.694	1649	1665	1681	rBV	208824	409306	6.19%	2.052%
25	6.816	1697	1703	1709	rVB6	643	791	0.01%	0.004%
26	7.182	1809	1817	1824	rBV6	1013	1616	0.02%	0.008%
27	7.240	1832	1835	1837	rBV2	608	323	0.00%	0.002%
28	7.568	1924	1937	1953	rBV	117545	206288	3.12%	1.034%
29	7.678	1962	1971	1985	rVB3	19403	35131	0.53%	0.176%
30	7.797	2001	2008	2017	rBV5	870	1373	0.02%	0.007%
31	7.845	2019	2023	2024	rBV2	1055	650	0.01%	0.003%
32	7.899	2027	2040	2055	rVV	415914	710164	10.75%	3.560%
33	7.970	2056	2062	2076	rVV	12345	23651	0.36%	0.119%
34	8.034	2077	2082	2090	rVB5	1918	3057	0.05%	0.015%
35	8.179	2116	2127	2141	rBV	82989	141485	2.14%	0.709%
36	8.398	2191	2195	2197	rBV3	574	392	0.01%	0.002%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
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Acq On : 26 Mar 2022 14:34
Operator : SY/MD
Sample : N2081-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X3

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\SFAMULM032422WMA.M
Title : VOC Analysis

37	8.472	2211	2218	2228	rVB2	3370	4963	0.08%	0.025%
38	8.552	2230	2243	2257	rBV	217088	366649	5.55%	1.838%
39	8.636	2257	2269	2299	rVV	345452	628577	9.51%	3.151%
40	8.864	2332	2340	2348	rVB7	2575	4243	0.06%	0.021%
41	8.928	2348	2360	2365	rBV4	996	1576	0.02%	0.008%
42	9.272	2463	2467	2474	rVB3	641	857	0.01%	0.004%
43	9.417	2497	2512	2535	rBV	491697	818957	12.39%	4.106%
44	9.571	2550	2560	2575	rVB	37530	59707	0.90%	0.299%
45	9.694	2587	2598	2611	rBV	14322	23496	0.36%	0.118%
46	9.890	2652	2659	2660	rBV2	361	360	0.01%	0.002%
47	10.038	2700	2705	2709	rBV2	505	533	0.01%	0.003%
48	10.063	2709	2713	2714	rBV2	826	539	0.01%	0.003%
49	10.102	2715	2725	2745	rVB	52178	85955	1.30%	0.431%
50	10.186	2745	2751	2755	rBV3	713	785	0.01%	0.004%
51	10.272	2770	2778	2786	rBV4	3770	5246	0.08%	0.026%
52	10.362	2803	2806	2814	rVB3	540	669	0.01%	0.003%
53	10.485	2834	2844	2856	rBV	10340	16156	0.24%	0.081%
54	10.581	2869	2874	2876	rBV3	489	460	0.01%	0.002%
55	10.649	2886	2895	2898	rBV6	1947	2824	0.04%	0.014%
56	10.758	2916	2929	2946	rBV	350199	561689	8.50%	2.816%
57	10.906	2961	2975	2990	rVB2	32733	54529	0.83%	0.273%
58	10.999	2990	3004	3021	rBV	46277	84804	1.28%	0.425%
59	11.089	3021	3032	3048	rVB2	61553	95536	1.45%	0.479%
60	11.292	3084	3095	3109	rVB	97794	153395	2.32%	0.769%
61	11.362	3109	3117	3128	rVB3	5333	8050	0.12%	0.040%
62	11.420	3128	3135	3138	rBV4	1882	1999	0.03%	0.010%
63	11.468	3138	3150	3166	rVB	307150	473541	7.17%	2.374%
64	11.603	3179	3192	3197	rBV8	4810	8259	0.13%	0.041%
65	11.645	3198	3205	3214	rVB	11496	17855	0.27%	0.090%
66	11.690	3214	3219	3227	rBV5	1403	1959	0.03%	0.010%
67	11.742	3227	3235	3244	rBV2	11421	15635	0.24%	0.078%
68	11.812	3244	3257	3272	rBV	600369	938127	14.20%	4.703%
69	11.896	3272	3283	3294	rVB	180513	279664	4.23%	1.402%
70	11.973	3300	3307	3313	rVB5	1478	1918	0.03%	0.010%
71	12.009	3313	3318	3325	rVB5	2779	3464	0.05%	0.017%
72	12.095	3327	3345	3362	rBV3	69404	140629	2.13%	0.705%
73	12.192	3363	3375	3392	rVV	506336	846967	12.82%	4.246%
74	12.253	3392	3394	3398	rVB3	592	348	0.01%	0.002%
75	12.301	3402	3409	3422	rBV8	3421	5912	0.09%	0.030%
76	12.378	3425	3433	3447	rVB	11246	17081	0.26%	0.086%

LSC Area Percent Report

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Acq On : 26 Mar 2022 14:34
Operator : SY/MD
Sample : N2081-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X3

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\SFAMULM032422WMA.M
Title : VOC Analysis

77	12.465	3451	3460	3464	rBV	10923	15323	0.23%	0.077%
78	12.497	3466	3470	3479	rVB	12706	16119	0.24%	0.081%
79	12.571	3484	3493	3501	rVV2	17612	26947	0.41%	0.135%
80	12.613	3501	3506	3517	rVB5	5529	8026	0.12%	0.040%
81	12.684	3518	3528	3548	rBV4	16652	40752	0.62%	0.204%
82	12.774	3548	3556	3562	rVV3	1267	2037	0.03%	0.010%
83	12.806	3562	3566	3573	rVV5	1151	1314	0.02%	0.007%
84	12.877	3577	3588	3596	rBV3	10382	15896	0.24%	0.080%
85	12.941	3600	3608	3609	rBV3	1049	959	0.01%	0.005%
86	12.976	3611	3619	3626	rVV2	7406	10781	0.16%	0.054%
87	13.028	3626	3635	3649	rVB	14791	22324	0.34%	0.112%
88	13.108	3654	3660	3663	rBV4	1472	1730	0.03%	0.009%
89	13.250	3700	3704	3712	rVV4	1294	1341	0.02%	0.007%
90	13.298	3714	3719	3725	rVB4	2619	2640	0.04%	0.013%
91	13.452	3756	3767	3782	rVV4	20984	34973	0.53%	0.175%
92	13.523	3785	3789	3795	rVB3	976	1060	0.02%	0.005%
93	13.626	3812	3821	3830	rVB3	9619	14163	0.21%	0.071%
94	13.732	3851	3854	3859	rBV3	455	477	0.01%	0.002%
95	13.845	3880	3889	3897	rBV9	2752	4167	0.06%	0.021%
96	13.941	3915	3919	3926	rVB4	1277	1319	0.02%	0.007%
97	14.089	3955	3965	3982	rBV2	15701	26235	0.40%	0.132%
98	14.333	4035	4041	4048	rBV4	1308	1874	0.03%	0.009%
99	15.234	4314	4321	4327	rBV5	1100	1791	0.03%	0.009%
100	15.455	4386	4390	4392	rBV2	679	512	0.01%	0.003%

Sum of corrected areas: 19945797

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047707.D
Acq On : 26 Mar 2022 14:34
Operator : SY/MD
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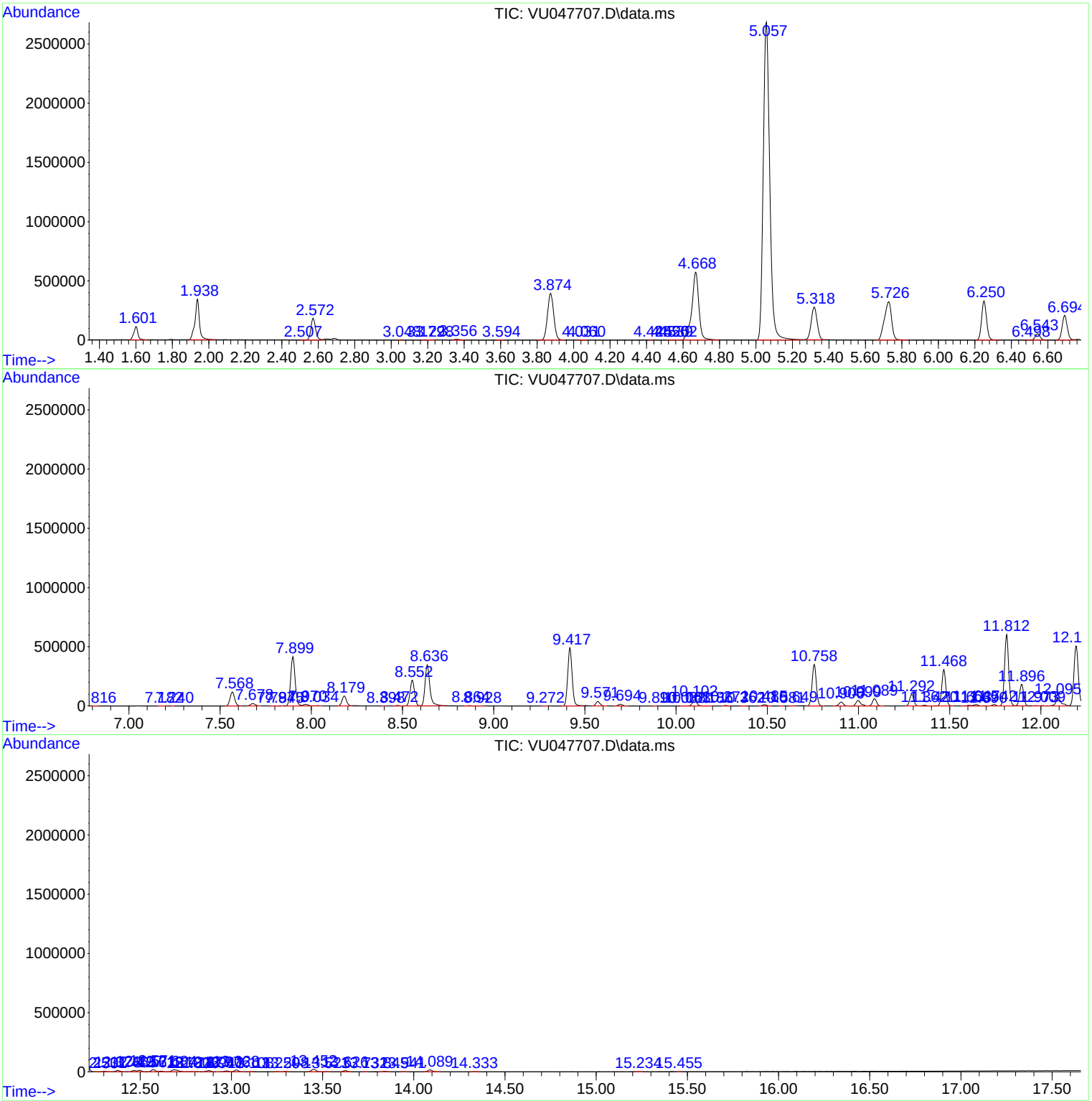
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047707.D
Acq On : 26 Mar 2022 14:34
Operator : SY/MD
Sample : N2081-04
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X3

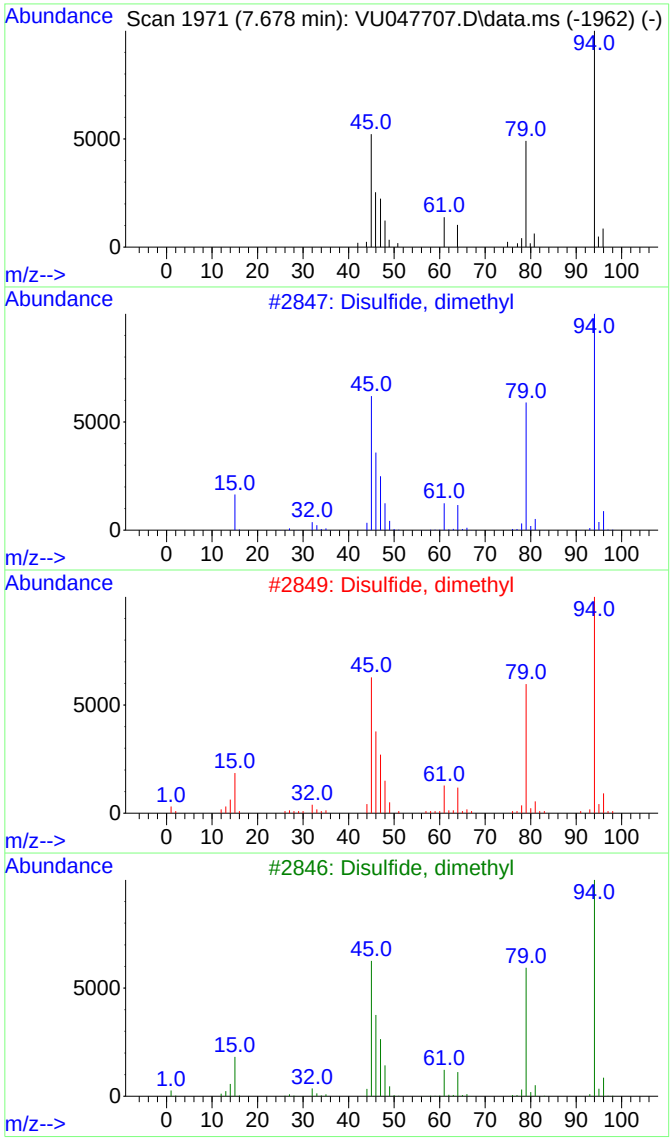
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

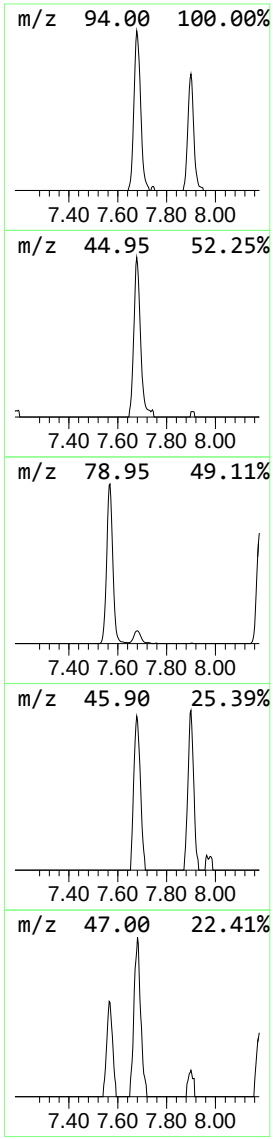
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Disulfide, dimethyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.678	2.81 ug/L	35131	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	96
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047707.D
Acq On : 26 Mar 2022 14:34
Operator : SY/MD
Sample : N2081-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X3

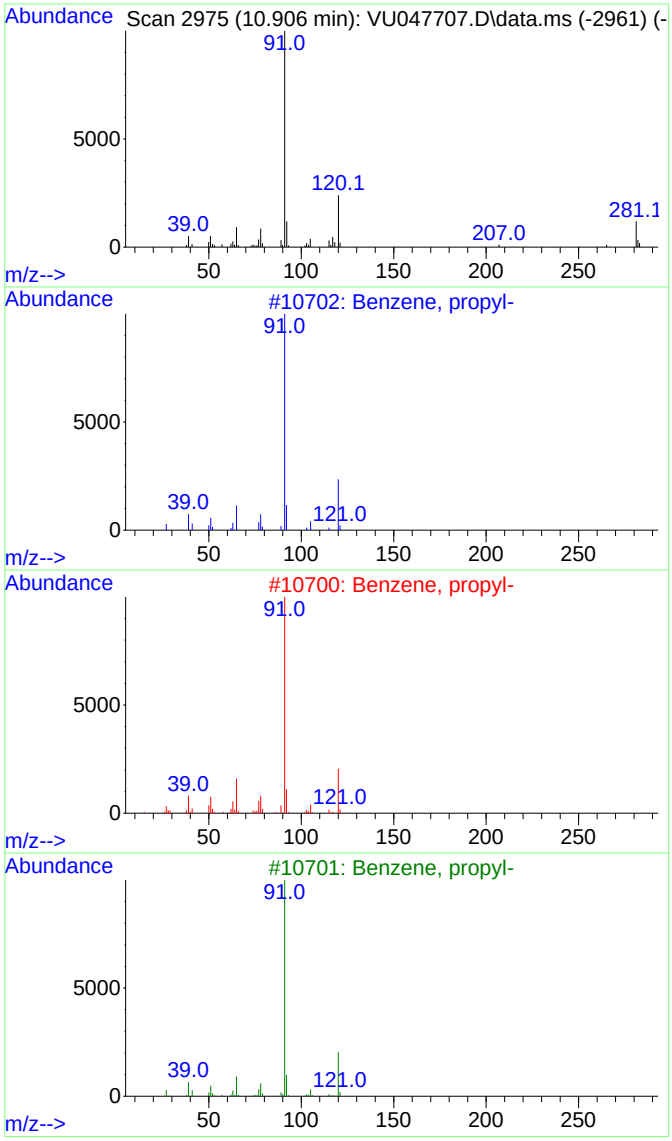
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

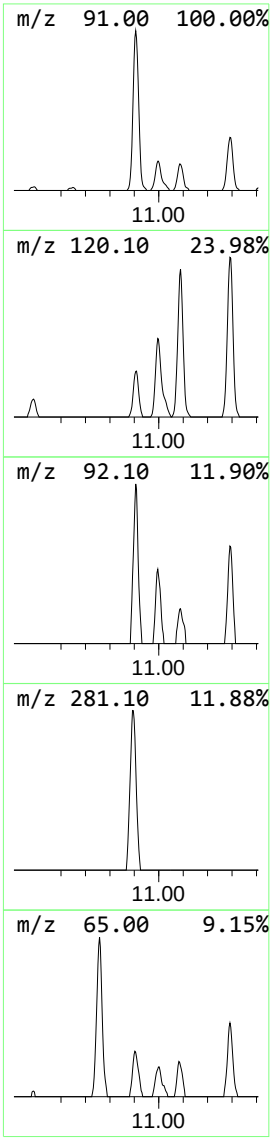
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.906	2.91 ug/L	54529	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	92
2	Benzene, propyl-	120	C9H12	000103-65-1	70
3	Benzene, propyl-	120	C9H12	000103-65-1	70
4	Benzene, propyl-	120	C9H12	000103-65-1	62
5	1,3,5-Cycloheptatriene, 7-ethyl-	120	C9H12	017634-51-4	59





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Acq On : 26 Mar 2022 14:34
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Sample : N2081-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X3

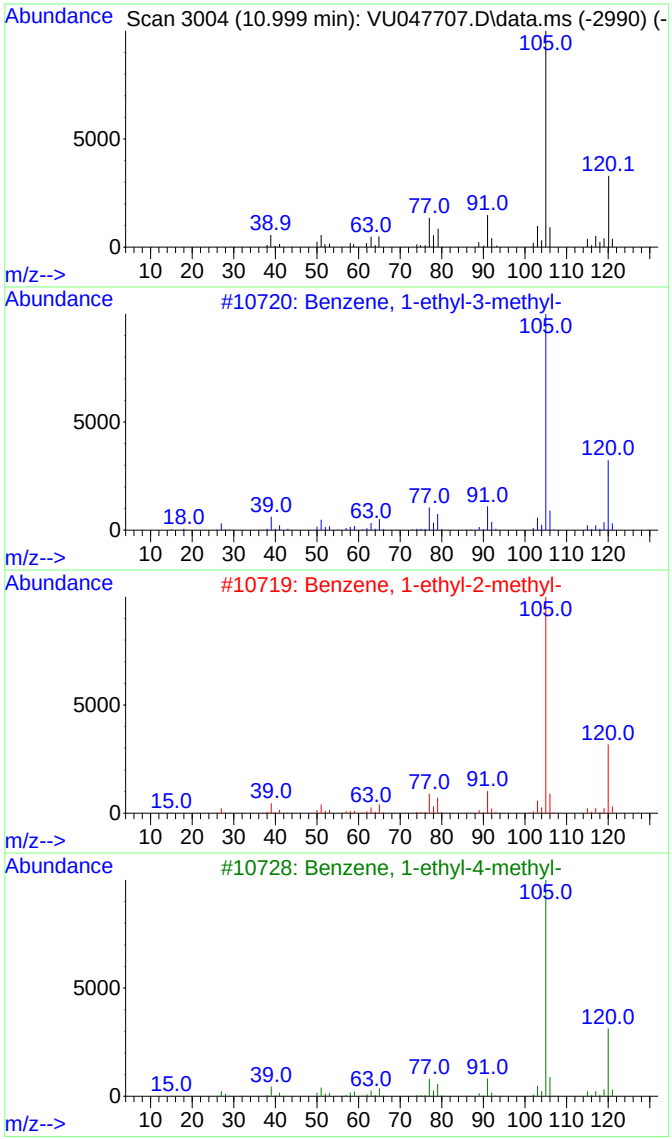
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

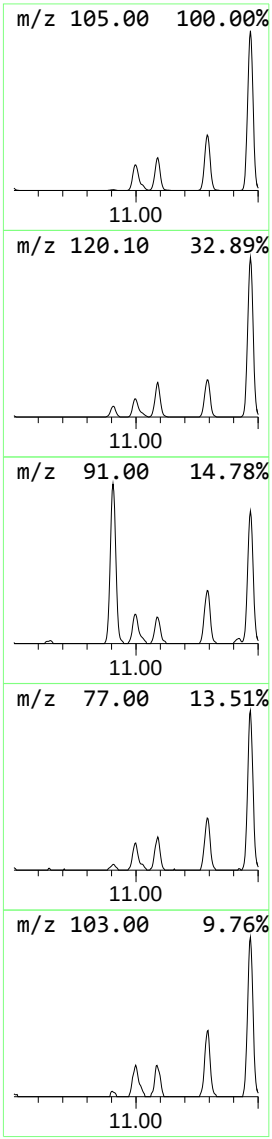
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	4.52 ug/L	84804	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X3

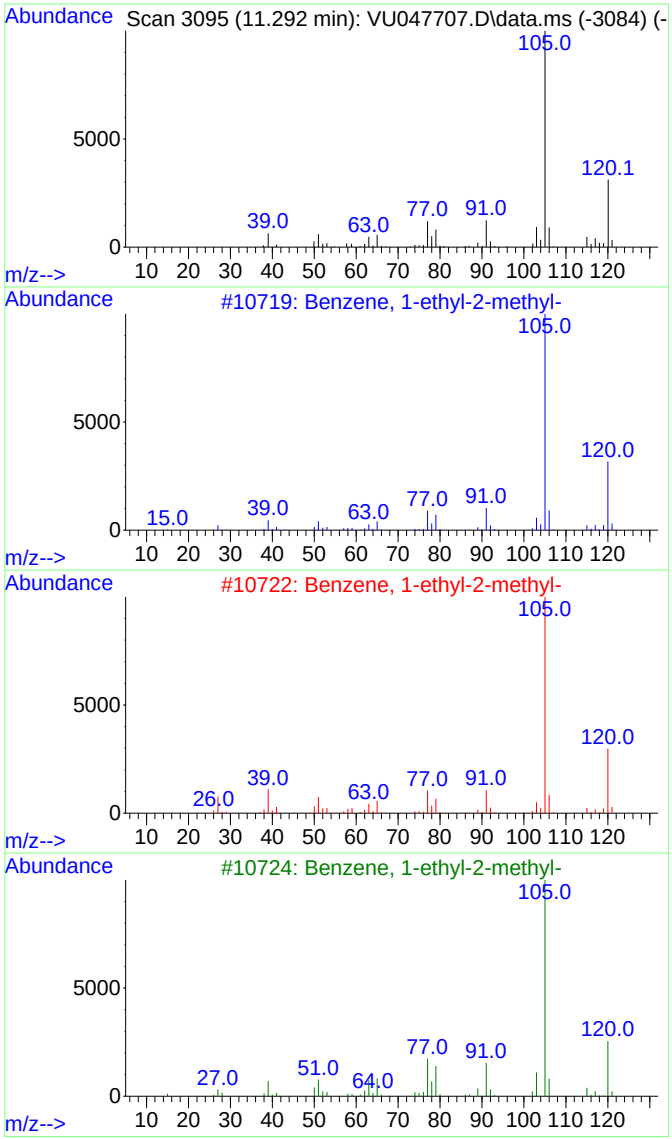
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

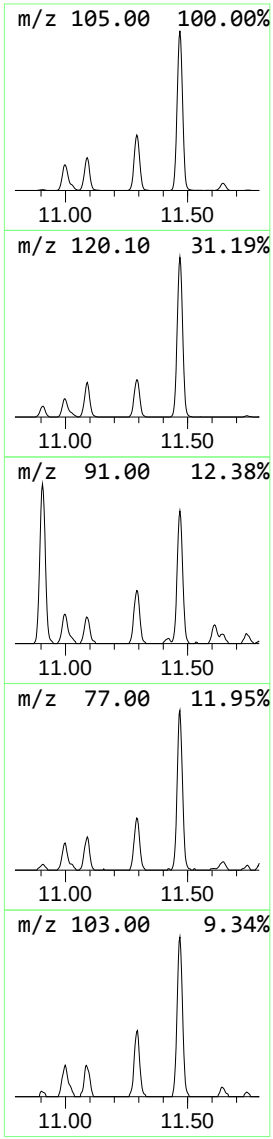
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	8.18 ug/L	153395	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047707.D
Acq On : 26 Mar 2022 14:34
Operator : SY/MD
Sample : N2081-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X3

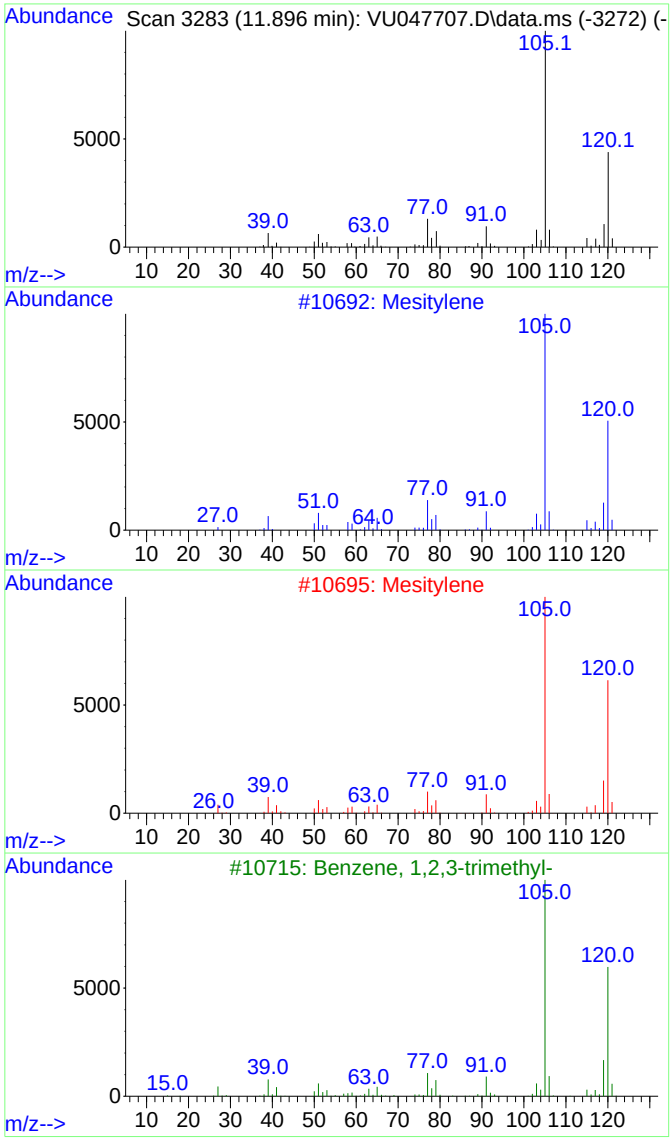
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

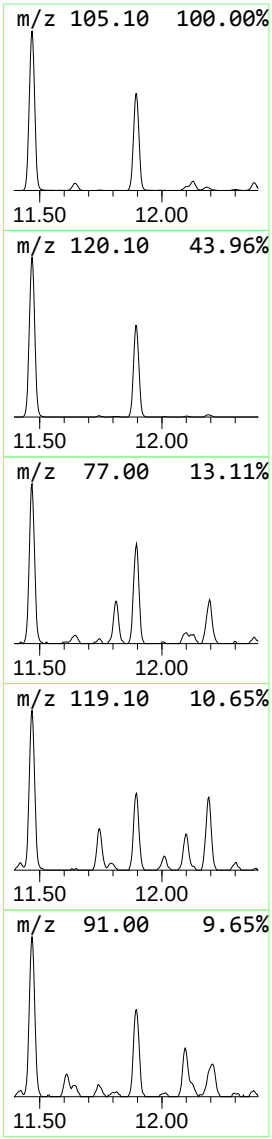
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	14.91 ug/L	279664	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047707.D
Acq On : 26 Mar 2022 14:34
Operator : SY/MD
Sample : N2081-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

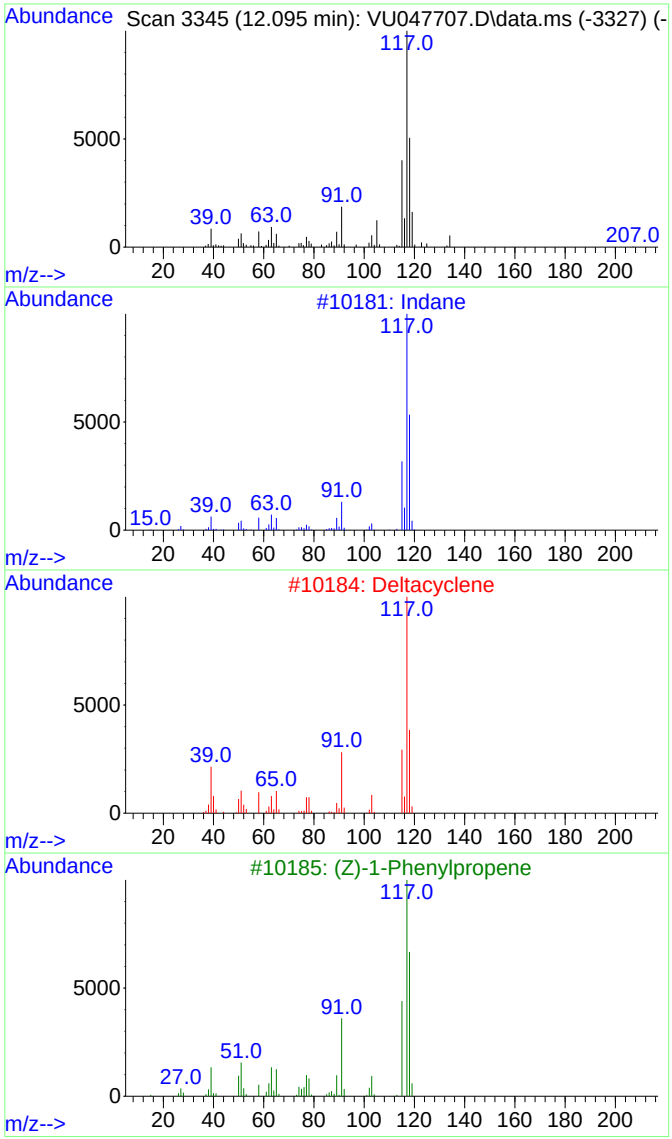
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

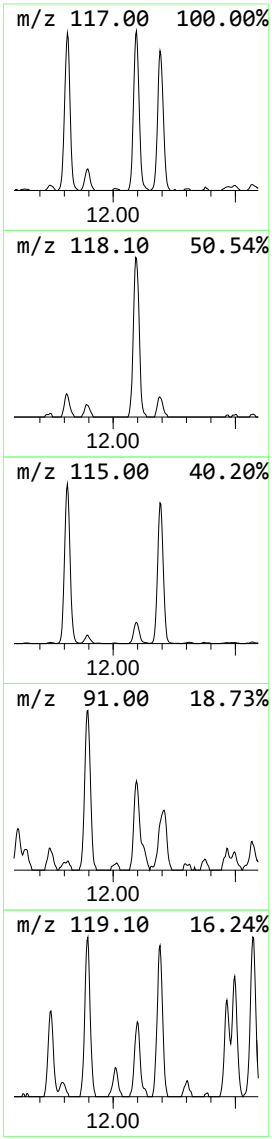
****

Peak Number 7 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	7.50 ug/L	140629	1,4-Dichlorobenzene-d4	11.813

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Deltacyclene	118	C9H10	007785-10-6	62
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	58
4	3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	53
5	Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047707.D
Acq On : 26 Mar 2022 14:34
Operator : SY/MD
Sample : N2081-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.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
Disulfide, dime...	7.678	2.8	ug/L	35131	1	6.250	624790	50.0
Benzene, propyl-	10.906	2.9	ug/L	54529	3	11.813	938127	50.0
Benzene, 1-ethy...	10.999	4.5	ug/L	84804	3	11.813	938127	50.0
Benzene, 1-ethy...	11.292	8.2	ug/L	153395	3	11.813	938127	50.0
Benzene, 1,2,3-...	11.896	14.9	ug/L	279664	3	11.813	938127	50.0
Indane	12.095	7.5	ug/L	140629	3	11.813	938127	50.0