LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
Data File : VW017910.D
Acq On : 15 Jan 2021 20:06
Operator : SY/VA
Sample : VIBLK25
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK25

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_W\METHOD\SOM2WLM122420S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	37	41	45	rBV2	4071	7754	0.55%	0.068%
2	2.209	45	50	51	rBV6	2592	4091	0.29%	0.036%
3	2.355	64	74	86	rBV	110880	207087	14.56%	1.820%
4	2.452	86	90	91	rBV3	2617	3353	0.24%	0.029%
5	2.556	105	107	109	rBV3	1186	1321	0.09%	0.012%
6	2.593	111	113	116	rVV4	1300	1471	0.10%	0.013%
7	2.885	152	161	177	rVB	88341	201531	14.17%	1.771%
8	3.080	191	193	196	rBV4	1403	1813	0.13%	0.016%
9	3.117	198	199	214	rVB5	6990	15835	1.11%	0.139%
10	3.221	214	216	217	rVB2	566	404	0.03%	0.004%
11	3.233	217	218	221	rVB3	1017	755	0.05%	0.007%
12	3.385	236	243	246	rBV3	1225	2142	0.15%	0.019%
13	3.410	246	247	250	rVB3	1078	524	0.04%	0.005%
14	3.452	252	254	258	rBV4	494	722	0.05%	0.006%
15	3.489	258	260	263	rVB3	733	794	0.06%	0.007%
16	3.532	265	267	268	rBV	669	480	0.03%	0.004%
17	3.568	271	273	274	rVB	774	448	0.03%	0.004%
18	3.592	274	277	278	rBV3	725	812	0.06%	0.007%
19	3.605	278	279	281	rBV2	553	436	0.03%	0.004%
20	3.660	285	288	290	rBV3	442	625	0.04%	0.005%
21	3.678	290	291	298	rVB4	1092	1864	0.13%	0.016%
22	3.751	301	303	306	rVB3	499	507	0.04%	0.004%
23	3.928	330	332	333	rBV2	494	526	0.04%	0.005%
24	4.019	335	347	362	rBV	160925	487020	34.24%	4.280%
25	4.117	362	363	365	rBV2	510	437	0.03%	0.004%
26	4.184	372	374	377	rVB3	498	416	0.03%	0.004%
27	4.233	381	382	385	rVB3	520	411	0.03%	0.004%
28	4.330	394	398	400	rBV3	621	1015	0.07%	0.009%
29	4.409	407	411	413	rBV4	732	543	0.04%	0.005%
30	4.586	437	440	441	rBV2	567	484	0.03%	0.004%
31	4.611	441	444	446	rBV3	480	545	0.04%	0.005%
32	4.763	467	469	470	rBV2	644	414	0.03%	0.004%
33	4.806	475	476	479	rVB3	501	409	0.03%	0.004%
34	4.836	479	481	483	rBV3	575	424	0.03%	0.004%

LSC Area Percent Report

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Acq On : 15 Jan 2021 20:06
Operator : SY/VA
Sample : VIBLK25
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK25

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_W\METHOD\SOM2WLM122420S.M
Title : VOC Analysis

35	4.922	483	495	508	rBV2	16496	58385	4.10%	0.513%
36	5.165	531	535	538	rBV5	437	771	0.05%	0.007%
37	5.220	542	544	545	rVB2	714	401	0.03%	0.004%
38	5.275	550	553	554	rVB3	562	547	0.04%	0.005%
39	5.306	554	558	559	rBV2	665	849	0.06%	0.007%
40	5.440	576	580	582	rBV4	782	1061	0.07%	0.009%
41	5.489	585	588	589	rVB3	546	529	0.04%	0.005%
42	5.501	589	590	593	rBV3	580	474	0.03%	0.004%
43	5.537	593	596	599	rVB4	582	696	0.05%	0.006%
44	5.580	599	603	606	rBV3	414	530	0.04%	0.005%
45	5.629	608	611	612	rVB2	581	601	0.04%	0.005%
46	5.653	612	615	616	rBV3	443	498	0.04%	0.004%
47	5.708	619	624	625	rBV2	412	735	0.05%	0.006%
48	5.738	625	629	631	rBV4	742	1149	0.08%	0.010%
49	5.763	631	633	636	rVB3	770	906	0.06%	0.008%
50	5.824	639	643	647	rVB5	641	945	0.07%	0.008%
51	5.934	650	661	670	rBV5	5565	17812	1.25%	0.157%
52	6.031	676	677	679	rBV2	669	528	0.04%	0.005%
53	6.074	682	684	685	rVB2	674	470	0.03%	0.004%
54	6.098	685	688	690	rBV3	662	572	0.04%	0.005%
55	6.232	706	710	714	rVB5	651	1298	0.09%	0.011%
56	6.293	717	720	723	rBV3	642	687	0.05%	0.006%
57	6.446	742	745	748	rBV4	399	585	0.04%	0.005%
58	6.476	748	750	753	rBV4	469	567	0.04%	0.005%
59	6.604	769	771	774	rVB3	754	694	0.05%	0.006%
60	6.702	785	787	789	rBV3	805	856	0.06%	0.008%
61	6.897	817	819	820	rBV2	862	729	0.05%	0.006%
62	6.915	820	822	827	rVB5	677	886	0.06%	0.008%
63	6.982	829	833	835	rBV4	495	611	0.04%	0.005%
64	7.025	838	840	841	rBV2	550	507	0.04%	0.004%
65	7.080	841	849	855	rBV	30821	87572	6.16%	0.770%
66	7.238	874	875	881	rVB6	1134	1589	0.11%	0.014%
67	7.287	881	883	885	rBV2	800	714	0.05%	0.006%
68	7.342	890	892	895	rBV4	642	559	0.04%	0.005%
69	7.506	918	919	923	rVV4	735	1011	0.07%	0.009%
70	7.537	923	924	927	rVB3	818	572	0.04%	0.005%
71	7.647	932	942	957	rBV	246257	605891	42.59%	5.325%

LSC Area Percent Report

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Data File : VW017910.D
Acq On : 15 Jan 2021 20:06
Operator : SY/VA
Sample : VIBLK25
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK25

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_W\METHOD\SOM2WLM122420S.M
Title : VOC Analysis

72	7.750	957	959	961	rBV3	1309	1285	0.09%	0.011%
73	7.836	972	973	977	rBV4	806	1321	0.09%	0.012%
74	7.903	982	984	985	rVB2	1035	678	0.05%	0.006%
75	7.958	985	993	994	rBV7	2166	4960	0.35%	0.044%
76	8.006	999	1001	1003	rBV3	1047	743	0.05%	0.007%
77	8.061	1004	1010	1012	rBV5	1689	3036	0.21%	0.027%
78	8.134	1020	1022	1023	rBV2	698	571	0.04%	0.005%
79	8.275	1034	1045	1062	rBV2	478230	1422524	100.00%	12.501%
80	8.531	1085	1087	1088	rVB2	2397	1046	0.07%	0.009%
81	8.842	1130	1138	1149	rBV	474890	942612	66.26%	8.284%
82	9.031	1167	1169	1170	rBV2	2491	2011	0.14%	0.018%
83	9.274	1201	1209	1217	rBV	315665	639050	44.92%	5.616%
84	9.707	1278	1280	1282	rVB2	2213	2022	0.14%	0.018%
85	10.036	1327	1334	1341	rBV	164534	295485	20.77%	2.597%
86	10.323	1374	1381	1391	rBV	716576	1239283	87.12%	10.891%
87	10.488	1406	1408	1411	rBV4	3863	5176	0.36%	0.045%
88	10.579	1417	1423	1430	rBV	94855	173786	12.22%	1.527%
89	10.707	1439	1444	1453	rVB	24580	48231	3.39%	0.424%
90	10.927	1475	1480	1491	rBV	107505	197882	13.91%	1.739%
91	11.634	1589	1596	1603	rVB	649832	1131239	79.52%	9.941%
92	12.609	1752	1756	1762	rBV2	37947	73846	5.19%	0.649%
93	12.688	1764	1769	1779	rVB	232346	412901	29.03%	3.629%
94	13.554	1906	1911	1919	rBV	701768	1146906	80.62%	10.079%
95	13.853	1954	1960	1966	rVB	619405	1022501	71.88%	8.986%
96	14.066	1992	1995	2001	rVB	39029	65392	4.60%	0.575%
97	14.487	2057	2064	2079	rVB2	148286	512687	36.04%	4.506%
98	14.652	2083	2091	2102	rVB7	36207	132019	9.28%	1.160%
99	15.493	2226	2229	2235	rBV3	13130	20455	1.44%	0.180%
100	15.938	2295	2302	2317	rVB3	38103	138245	9.72%	1.215%

Sum of corrected areas: 11379093

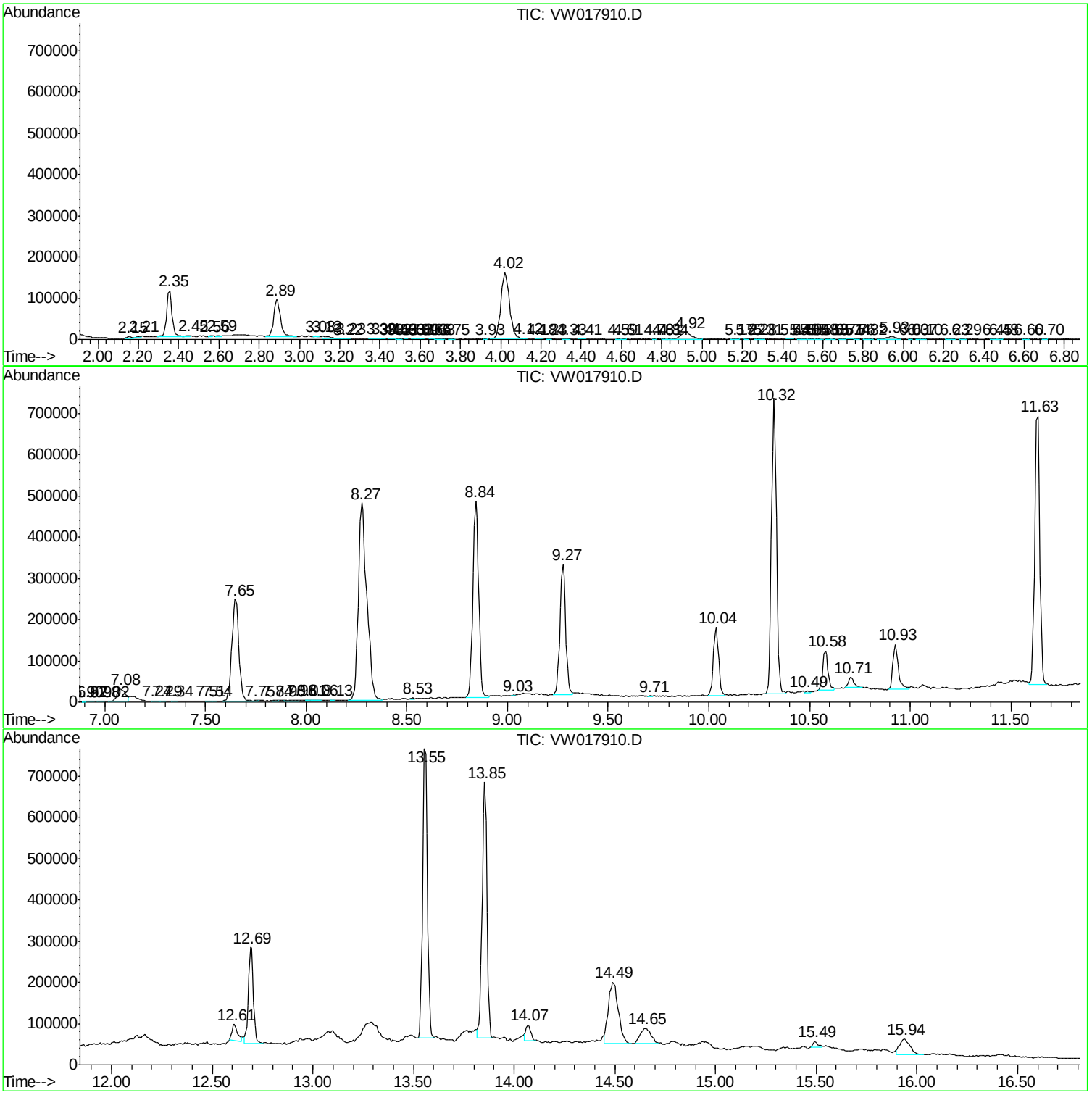
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011521\
Data File : VW017910.D
Acq On : 15 Jan 2021 20:06
Operator : SY/VA
Sample : VIBLK25
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK25

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011521\
Data File : VW017910.D
Acq On : 15 Jan 2021 20:06
Operator : SY/VA
Sample : VIBLK25
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK25

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

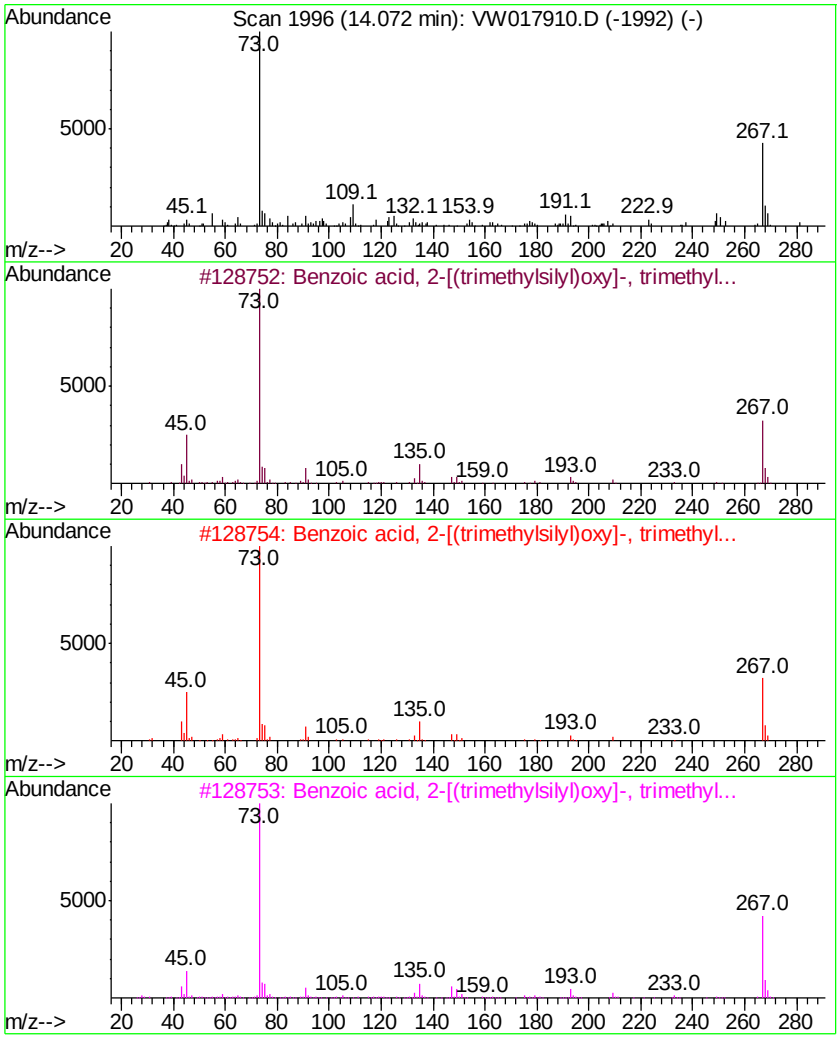
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

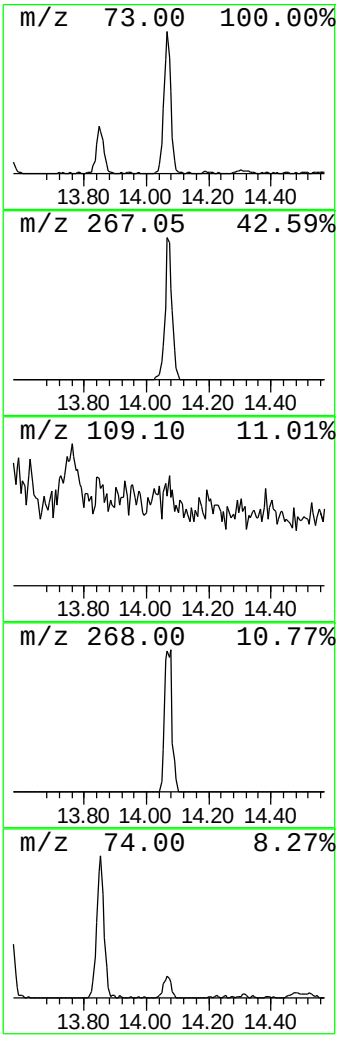
****

Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	1.43 ug/L	65392	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	42
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	42
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	36
4	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	33
5	Benzeneacetic acid, trimethylsil...	208	C11H16O2Si	002078-18-4	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011521\
Data File : VW017910.D
Acq On : 15 Jan 2021 20:06
Operator : SY/VA
Sample : VIBLK25
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK25

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

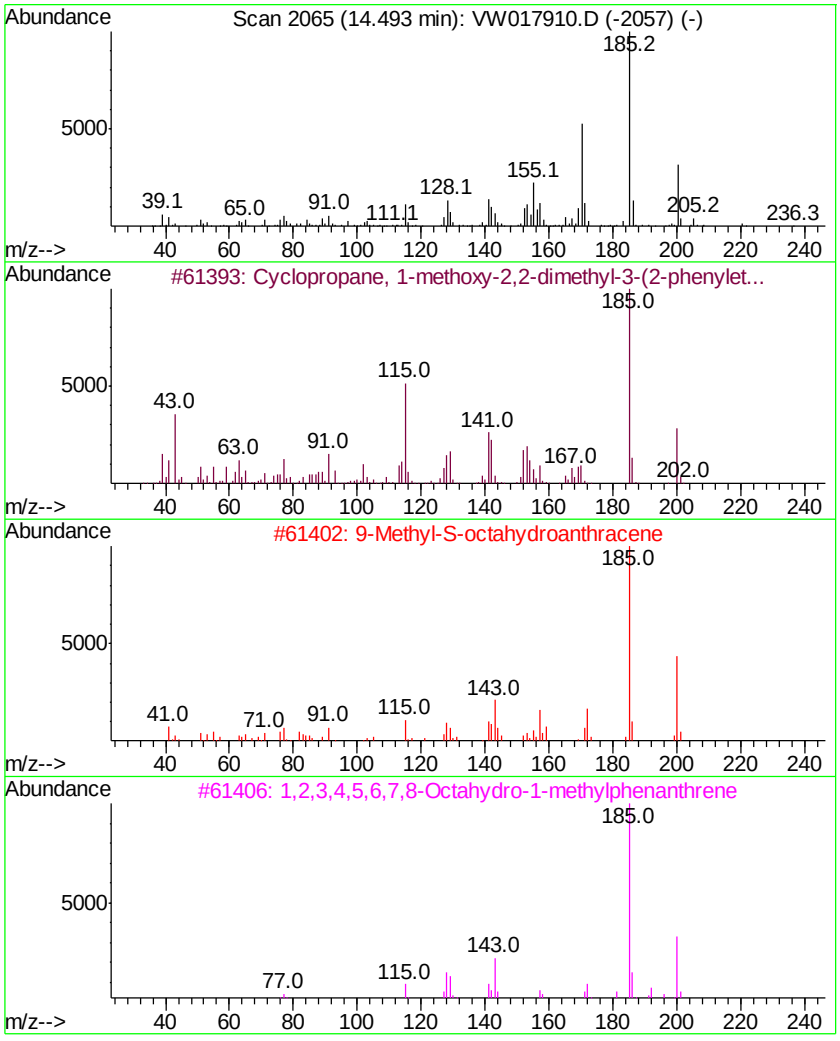
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

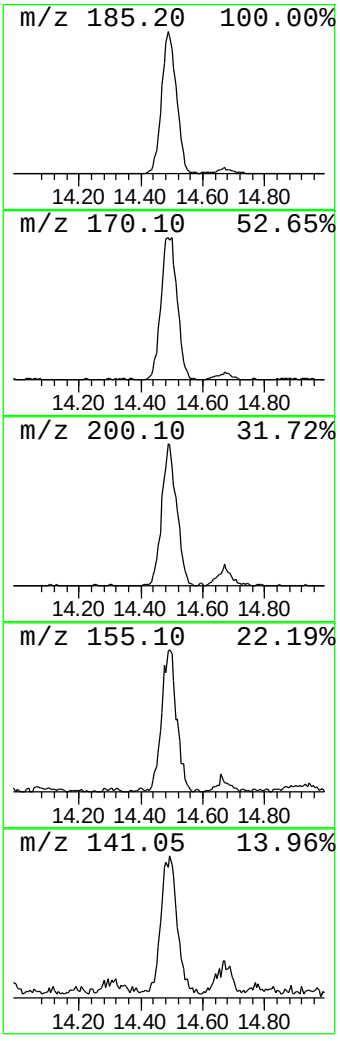
****

Peak Number 4 Cyclopropane, 1-methoxy-2,2... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	11.18 ug/L	512687	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	83
2	9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	58
3	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	49
4	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	46
5	3-Chlorophenol, trimethylsilyl e...	200	C9H13ClOSi	1000325-59-2	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011521\
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Acq On : 15 Jan 2021 20:06
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK25

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

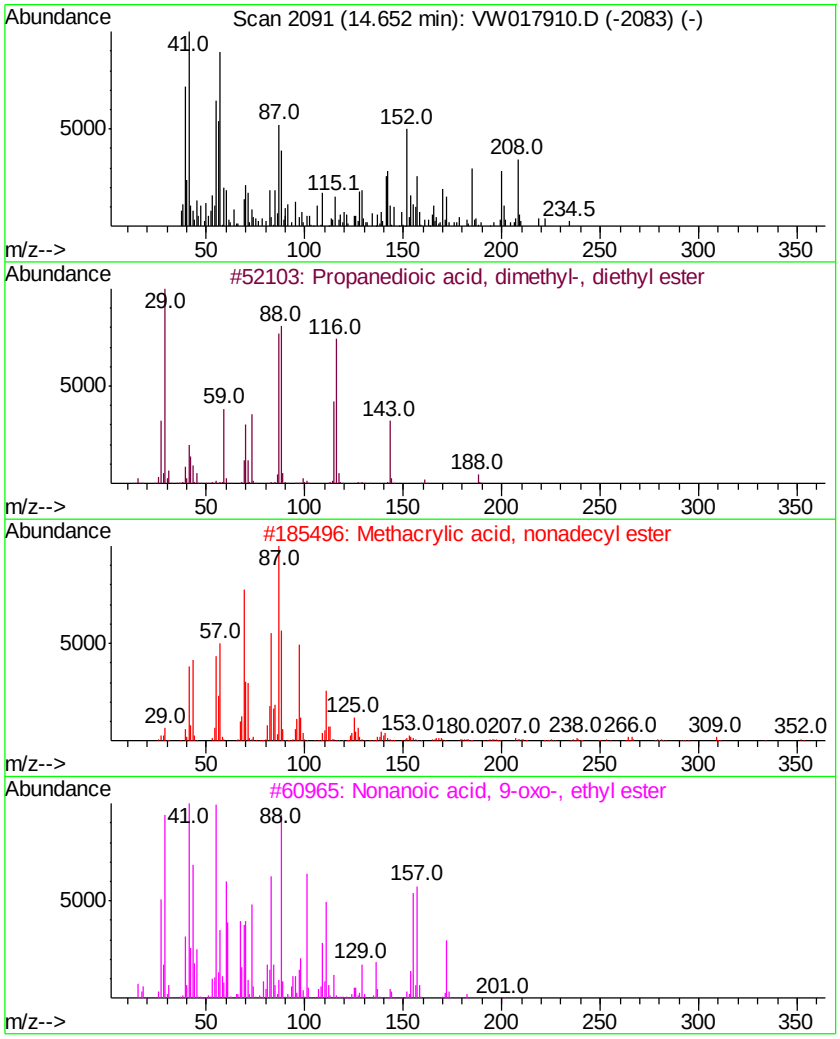
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

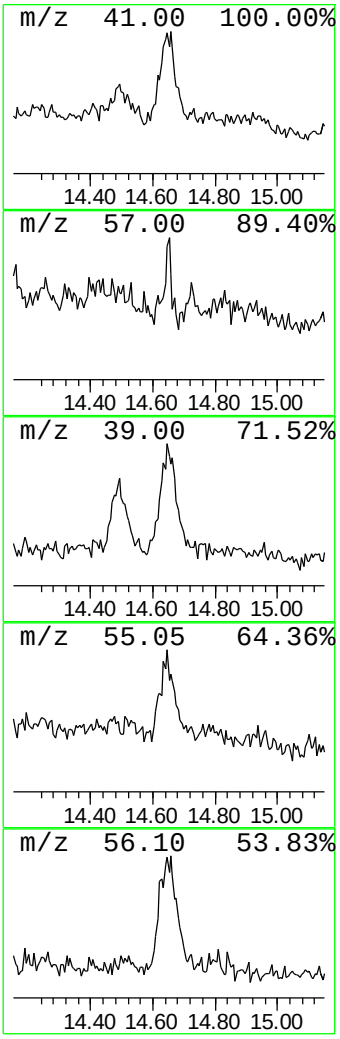
****

Peak Number 5 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.88 ug/L	132019	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, dimethyl-, di...	188	C9H16O4	001619-62-1	14
2	Methacrylic acid, nonadecyl ester	352	C23H44O2	1000340-29-5	10
3	Nonanoic acid, 9-oxo-, ethyl ester	200	C11H20O3	003433-16-7	10
4	Neodecanoic acid	172	C10H20O2	026896-20-8	10
5	iso-Butyl aldehyde propylene gly...	130	C7H14O2	1000285-03-0	10





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Data File : VW017910.D
Acq On : 15 Jan 2021 20:06
Operator : SY/VA
Sample : VIBLK25
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK25

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

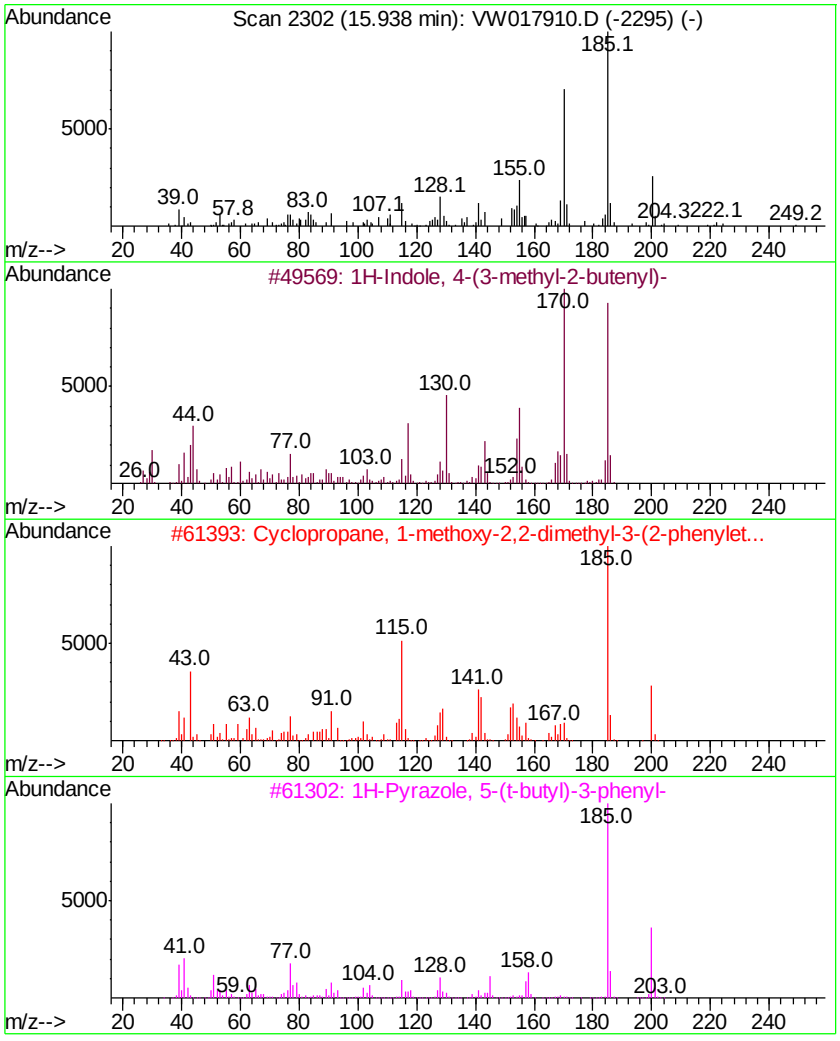
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

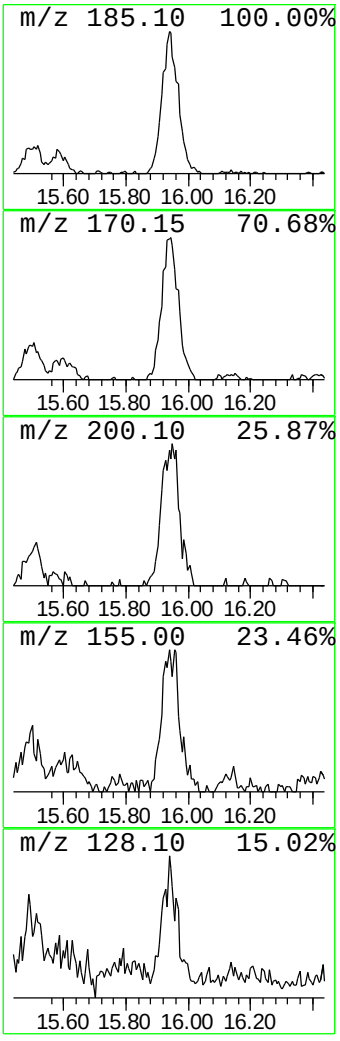
****

Peak Number 6 1H-Indole, 4-(3-methyl-2-bu... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.01 ug/L	138245	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 4-(3-methyl-2-butenyl)-	185	C13H15N	032962-25-7	81
2	Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	49
3	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	49
4	Benzenesulfonamide, 3-amino-4-et...	200	C8H12N2O2S	1000362-68-4	46
5	2,3-Dihydro-6-methylfuro(2,3-b)q...	185	C12H11NO	064124-83-0	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011521\
Data File : VW017910.D
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK25

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	14.07	1.4	ug/L	65392	3	13.56	1146910	25.0
Cyclopropane, 1-m...	14.49	11.2	ug/L	512687	3	13.56	1146910	25.0
unknown-02	14.65	2.9	ug/L	132019	3	13.56	1146910	25.0
1H-Indole, 4-(3-m...	15.94	3.0	ug/L	138245	3	13.56	1146910	25.0