LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047700.D
Acq On : 26 Mar 2022 11:56
Operator : SY/MD
Sample : N2082-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW617

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: VU047700.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	73	81	95	rBV	155542	186529	13.41%	1.660%
2	1.919	171	180	204	rBV	129185	183373	13.19%	1.632%
3	2.572	371	383	421	rBV	279966	475087	34.17%	4.229%
4	2.797	450	453	462	rVV3	1007	1226	0.09%	0.011%
5	3.047	529	531	538	rVB3	406	422	0.03%	0.004%
6	3.366	621	630	645	rVB6	3296	6608	0.48%	0.059%
7	3.877	771	789	810	rVV	71035	167873	12.07%	1.494%
8	4.208	889	892	898	rBV3	360	433	0.03%	0.004%
9	4.639	1010	1026	1072	rBV	141547	458894	33.00%	4.085%
10	5.067	1142	1159	1182	rBV	249948	552620	39.74%	4.919%
11	5.202	1197	1201	1205	rVB2	647	696	0.05%	0.006%
12	5.227	1205	1209	1211	rBV	440	327	0.02%	0.003%
13	5.321	1221	1238	1257	rBV	69547	155205	11.16%	1.382%
14	5.729	1342	1365	1397	rVV2	509173	1390554	100.00%	12.378%
15	6.250	1514	1527	1554	rBV	248241	478496	34.41%	4.259%
16	6.546	1602	1619	1634	rBV	34416	65845	4.74%	0.586%
17	6.694	1650	1665	1683	rBV	320155	623557	44.84%	5.550%
18	6.803	1694	1699	1702	rBV5	803	850	0.06%	0.008%
19	7.054	1770	1777	1788	rBV	602	843	0.06%	0.008%
20	7.186	1807	1818	1830	rVV4	2811	5186	0.37%	0.046%
21	7.382	1875	1879	1884	rBV3	362	310	0.02%	0.003%
22	7.568	1919	1937	1959	rBV	178121	315468	22.69%	2.808%
23	7.690	1966	1975	1987	rVB5	2293	4334	0.31%	0.039%
24	7.800	2000	2009	2015	rBV4	996	1587	0.11%	0.014%
25	7.899	2019	2040	2056	rBV	650658	1115549	80.22%	9.930%
26	8.124	2107	2110	2115	rVB2	421	345	0.02%	0.003%
27	8.179	2115	2127	2142	rBV	127009	217183	15.62%	1.933%
28	8.372	2182	2187	2193	rVB3	828	1004	0.07%	0.009%
29	8.430	2201	2205	2207	rBV3	400	318	0.02%	0.003%
30	8.475	2210	2219	2229	rVB	7412	13332	0.96%	0.119%
31	8.552	2238	2243	2250	rVB6	1495	2014	0.14%	0.018%
32	8.636	2255	2269	2300	rBV	513033	973944	70.04%	8.669%
33	8.867	2333	2341	2351	rVV7	3259	5414	0.39%	0.048%
34	8.928	2351	2360	2367	rVB5	1906	2794	0.20%	0.025%
35	8.989	2377	2379	2385	rVB2	392	305	0.02%	0.003%
36	9.038	2391	2394	2400	rVB2	369	323	0.02%	0.003%

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

37	9.417	2500	2512	2534	rBV	375294	633788	45.58%	5.641%
38	9.575	2551	2561	2570	rVB3	3275	5049	0.36%	0.045%
39	9.690	2590	2597	2599	rBV2	2130	1973	0.14%	0.018%
40	9.764	2614	2620	2623	rVB3	477	505	0.04%	0.004%
41	9.890	2652	2659	2661	rBV2	513	545	0.04%	0.005%
42	10.021	2695	2700	2701	rBV2	663	479	0.03%	0.004%
43	10.034	2701	2704	2712	rVB3	1069	1229	0.09%	0.011%
44	10.099	2720	2724	2727	rBV2	805	804	0.06%	0.007%
45	10.234	2763	2766	2768	rBV3	472	354	0.03%	0.003%
46	10.275	2770	2779	2790	rVB3	9067	13620	0.98%	0.121%
47	10.359	2798	2805	2806	rBV4	2228	2126	0.15%	0.019%
48	10.488	2835	2845	2858	rVV3	3401	5359	0.39%	0.048%
49	10.668	2894	2901	2904	rBV5	1645	1905	0.14%	0.017%
50	10.700	2904	2911	2916	rVB5	3286	4093	0.29%	0.036%
51	10.758	2917	2929	2942	rBV	512680	819861	58.96%	7.298%
52	10.902	2958	2974	2985	rBV4	21928	40340	2.90%	0.359%
53	10.999	2994	3004	3008	rBV2	2764	3827	0.28%	0.034%
54	11.089	3020	3032	3046	rBV	23492	36042	2.59%	0.321%
55	11.144	3046	3049	3058	rVB4	419	447	0.03%	0.004%
56	11.192	3058	3064	3069	rVB4	484	448	0.03%	0.004%
57	11.295	3086	3096	3109	rVB3	20892	34679	2.49%	0.309%
58	11.365	3109	3118	3120	rBV3	365	594	0.04%	0.005%
59	11.417	3129	3134	3135	rBV	673	542	0.04%	0.005%
60	11.468	3140	3150	3163	rVB2	19890	31384	2.26%	0.279%
61	11.607	3187	3193	3198	rVV4	4297	6420	0.46%	0.057%
62	11.642	3199	3204	3215	rVV2	9471	13836	0.99%	0.123%
63	11.697	3215	3221	3227	rVV5	1158	1399	0.10%	0.012%
64	11.745	3227	3236	3243	rVV3	7945	11447	0.82%	0.102%
65	11.812	3244	3257	3274	rVV	442380	700836	50.40%	6.238%
66	11.896	3274	3283	3291	rVV2	9756	15054	1.08%	0.134%
67	11.944	3291	3298	3302	rVV6	964	1250	0.09%	0.011%
68	11.980	3302	3309	3313	rVV4	1429	2068	0.15%	0.018%
69	12.009	3313	3318	3329	rVB3	1856	2229	0.16%	0.020%
70	12.099	3336	3346	3350	rBV4	15389	24489	1.76%	0.218%
71	12.192	3363	3375	3392	rVB	716451	1183907	85.14%	10.538%
72	12.304	3403	3410	3416	rVB4	2745	3947	0.28%	0.035%
73	12.333	3416	3419	3423	rVV3	469	339	0.02%	0.003%
74	12.378	3423	3433	3445	rVB2	11510	17681	1.27%	0.157%
75	12.468	3451	3461	3465	rBV2	10520	15570	1.12%	0.139%
76	12.571	3482	3493	3501	rBV2	12392	18779	1.35%	0.167%

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Title : VOC Analysis

77	12.616	3503	3507	3518	rVB8	3600	4527	0.33%	0.040%
78	12.684	3518	3528	3531	rBV3	9373	12342	0.89%	0.110%
79	12.764	3548	3553	3555	rBV	1535	1471	0.11%	0.013%
80	12.809	3564	3567	3577	rVB4	2260	3043	0.22%	0.027%
81	12.867	3578	3585	3600	rVB6	3385	5837	0.42%	0.052%
82	12.951	3603	3611	3612	rBV3	1427	1888	0.14%	0.017%
83	12.973	3612	3618	3626	rVV2	6673	9458	0.68%	0.084%
84	13.028	3626	3635	3646	rVB2	12500	18246	1.31%	0.162%
85	13.108	3651	3660	3675	rBV7	2586	5782	0.42%	0.051%
86	13.201	3684	3689	3691	rBV3	1220	1068	0.08%	0.010%
87	13.256	3701	3706	3713	rVB7	1653	1757	0.13%	0.016%
88	13.353	3732	3736	3743	rVB5	880	793	0.06%	0.007%
89	13.407	3745	3753	3758	rBV4	1447	2178	0.16%	0.019%
90	13.452	3758	3767	3778	rVB3	15593	25029	1.80%	0.223%
91	13.562	3796	3801	3806	rBV2	926	1037	0.07%	0.009%
92	13.623	3813	3820	3836	rVB4	6031	8497	0.61%	0.076%
93	13.703	3838	3845	3848	rBV2	501	703	0.05%	0.006%
94	13.787	3866	3871	3878	rVB4	1084	1198	0.09%	0.011%
95	13.841	3880	3888	3900	rVB8	5528	8655	0.62%	0.077%
96	13.938	3916	3918	3925	rVB5	1151	1033	0.07%	0.009%
97	14.089	3956	3965	3980	rVB2	21968	35107	2.52%	0.312%
98	14.330	4034	4040	4053	rVB4	2890	4441	0.32%	0.040%
99	15.224	4312	4318	4335	rVB2	3931	6763	0.49%	0.060%
100	15.410	4371	4376	4389	rVB6	3365	5541	0.40%	0.049%

Sum of corrected areas: 11234486

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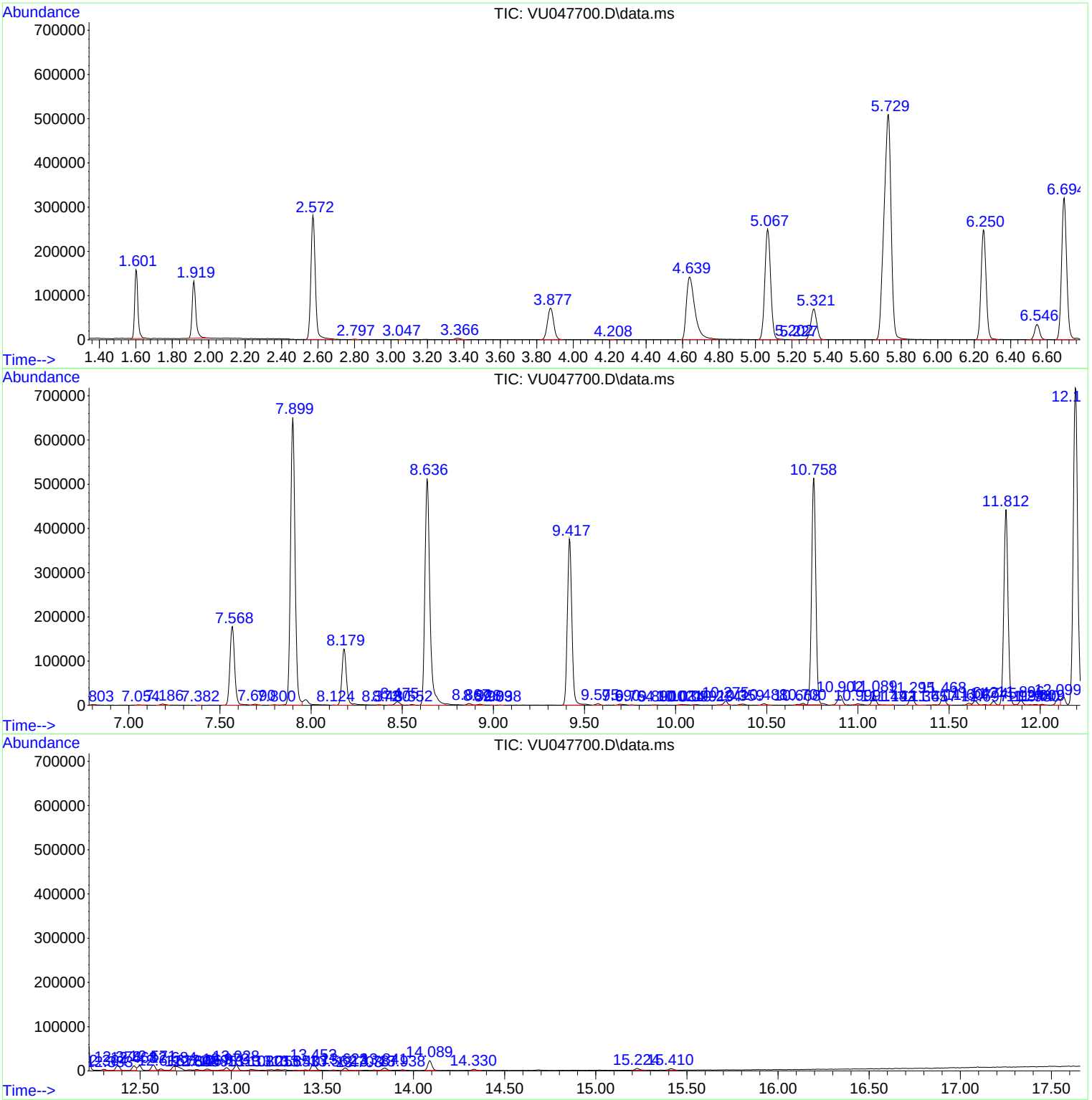
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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



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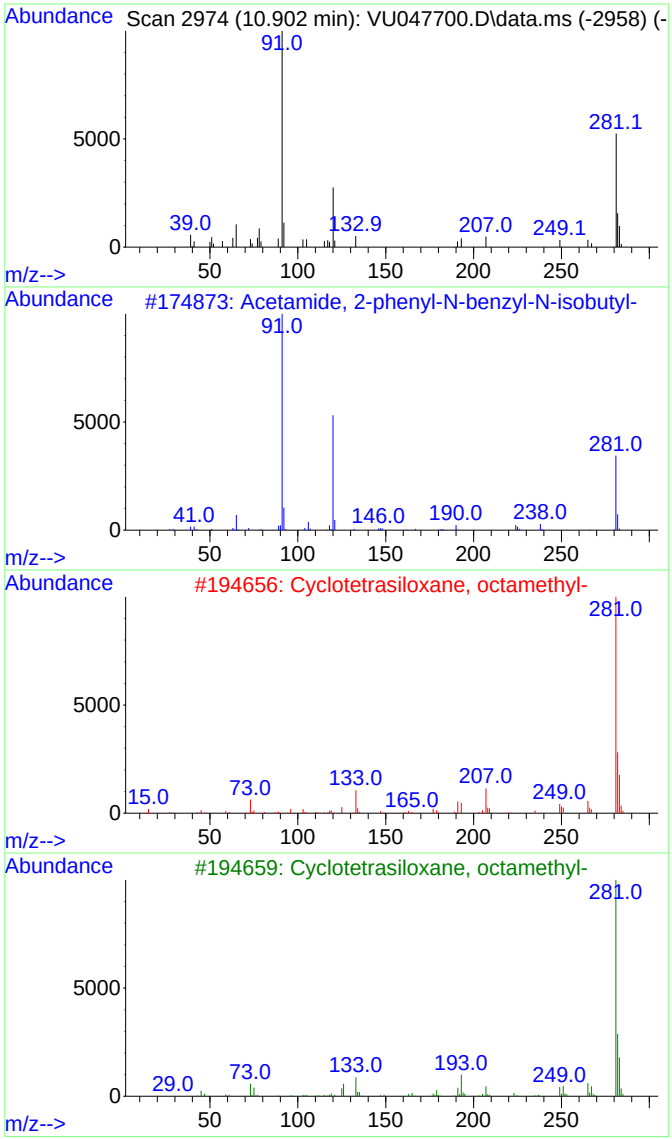
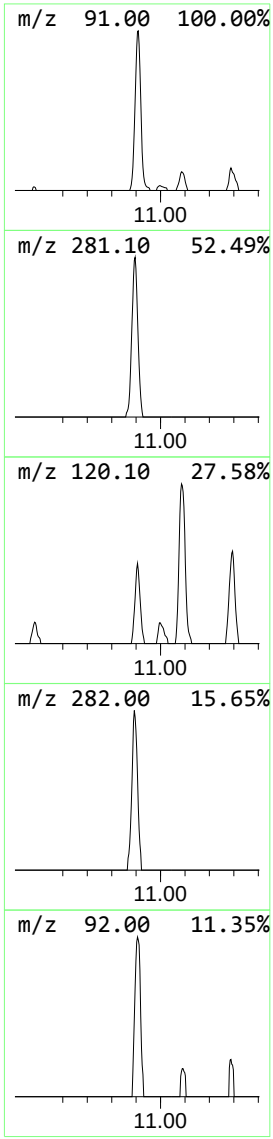
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Acetamide, 2-phenyl-N-benzy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.903	2.88 ug/L	40340	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, 2-phenyl-N-benzyl-N-i...	281	C19H23NO	1000446-79-5	64
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	43
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	43
4	Benzene, propyl-	120	C9H12	000103-65-1	42
5	Benzene, propyl-	120	C9H12	000103-65-1	38





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Quant Title : VOC Analysis

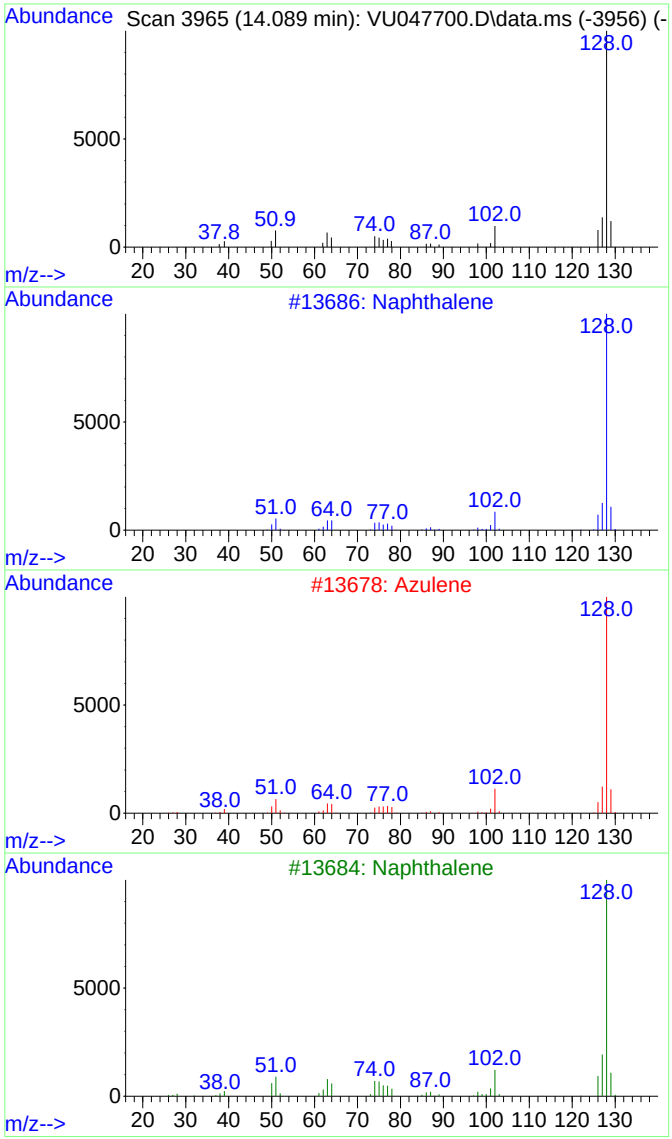
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

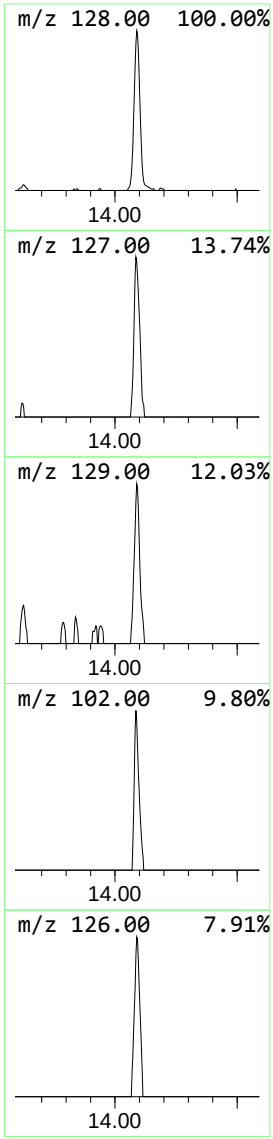
****

Peak Number 3 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.089	2.50 ug/L	35107	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	94
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

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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
Acetamide, 2-ph...	10.903	2.9	ug/L	40340	3	11.812	700836	50.0
Azulene	14.089	2.5	ug/L	35107	3	11.812	700836	50.0