LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011620\
Data File : VY001258.D
Acq On : 16 Jan 2020 11:56
Operator : SY/MD
Sample : VIBLK77
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK77

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_Y\METHODS\SFAMYLM011620SMA.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	2.121	58	63	66	rBV3	3424	5839	0.44%	0.056%
2	2.243	76	83	92	rBV	115168	188093	14.25%	1.798%
3	2.761	161	168	186	rVB	92423	195136	14.78%	1.866%
4	3.121	224	227	228	rBV2	2078	2295	0.17%	0.022%
5	3.261	242	250	256	rBV3	4372	10870	0.82%	0.104%
6	3.347	262	264	267	rVB4	530	452	0.03%	0.004%
7	3.383	267	270	271	rBV2	580	571	0.04%	0.005%
8	3.603	304	306	311	rVB3	531	843	0.06%	0.008%
9	3.651	311	314	317	rBV2	342	569	0.04%	0.005%
10	3.755	324	331	333	rBV3	270	560	0.04%	0.005%
11	3.853	337	347	360	rBV	165393	444831	33.70%	4.253%
12	4.200	395	404	415	rBV3	2732	8467	0.64%	0.081%
13	4.487	445	451	460	rBV4	744	2566	0.19%	0.025%
14	4.566	463	464	471	rVB2	354	428	0.03%	0.004%
15	4.724	478	490	505	rBV2	11103	37498	2.84%	0.359%
16	4.926	515	523	524	rBV	1882	3189	0.24%	0.030%
17	5.224	562	572	579	rBV6	4542	14319	1.08%	0.137%
18	5.572	617	629	638	rBV6	2698	9717	0.74%	0.093%
19	5.749	652	658	665	rBV6	2414	7323	0.55%	0.070%
20	6.736	819	820	823	rVV	583	593	0.04%	0.006%
21	6.815	827	833	836	rVB4	459	657	0.05%	0.006%
22	6.895	836	846	855	rBV	60374	174767	13.24%	1.671%
23	6.992	855	862	879	rVV	46311	138074	10.46%	1.320%
24	7.132	883	885	888	rVB2	448	503	0.04%	0.005%
25	7.212	896	898	901	rBV2	336	446	0.03%	0.004%
26	7.352	914	921	928	rBV7	2440	6167	0.47%	0.059%
27	7.486	931	943	957	rBV	185397	477799	36.20%	4.568%
28	7.705	974	979	985	rVV4	2090	5058	0.38%	0.048%
29	7.791	986	993	1001	rVB2	5733	15616	1.18%	0.149%
30	7.901	1006	1011	1018	rBV6	2441	5605	0.42%	0.054%
31	8.120	1036	1047	1062	rBV2	434808	1320023	100.00%	12.621%
32	8.248	1062	1068	1077	rVB4	2475	5771	0.44%	0.055%
33	8.474	1100	1105	1106	rBV2	581	717	0.05%	0.007%
34	8.553	1113	1118	1121	rBV4	778	1356	0.10%	0.013%

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Operator : SY/MD
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Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK77

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_Y\METHODS\SFAMYLM011620SMA.M
Title : VOC Analysis

35	8.693	1132	1141	1152	rVB	373335	740926	56.13%	7.084%
36	8.833	1161	1164	1166	rBV2	433	447	0.03%	0.004%
37	8.937	1172	1181	1187	rVB9	6420	14186	1.07%	0.136%
38	9.126	1203	1212	1219	rBV	287760	567335	42.98%	5.424%
39	9.510	1266	1275	1283	rBV6	5065	11456	0.87%	0.110%
40	9.614	1287	1292	1297	rBV4	1045	1907	0.14%	0.018%
41	9.748	1309	1314	1321	rVB4	3164	6499	0.49%	0.062%
42	9.894	1324	1338	1348	rBV	176145	328421	24.88%	3.140%
43	9.973	1349	1351	1361	rVB2	2020	3306	0.25%	0.032%
44	10.071	1361	1367	1372	rBV2	8448	15035	1.14%	0.144%
45	10.108	1372	1373	1377	rVV3	2310	2580	0.20%	0.025%
46	10.181	1377	1385	1392	rVV	626768	1073028	81.29%	10.260%
47	10.242	1392	1395	1402	rVB	10739	17837	1.35%	0.171%
48	10.437	1420	1427	1438	rVB	127442	214727	16.27%	2.053%
49	10.577	1441	1450	1456	rBV2	54252	96777	7.33%	0.925%
50	10.644	1456	1461	1466	rVB4	4706	7721	0.58%	0.074%
51	10.717	1466	1473	1478	rVB4	7340	12404	0.94%	0.119%
52	10.784	1478	1484	1491	rBV	268632	430035	32.58%	4.112%
53	10.949	1504	1511	1522	rVV2	33162	61588	4.67%	0.589%
54	11.040	1522	1526	1530	rVV3	4861	8032	0.61%	0.077%
55	11.083	1530	1533	1539	rVV	2475	3917	0.30%	0.037%
56	11.211	1550	1554	1558	rVB4	442	646	0.05%	0.006%
57	11.266	1558	1563	1566	rBV5	2284	3617	0.27%	0.035%
58	11.315	1566	1571	1578	rVV2	27871	45875	3.48%	0.439%
59	11.485	1592	1599	1610	rVV	562711	914763	69.30%	8.746%
60	11.589	1610	1616	1623	rVV	12048	19573	1.48%	0.187%
61	11.656	1623	1627	1628	rVV3	1109	1083	0.08%	0.010%
62	11.699	1628	1634	1645	rVB	11445	22036	1.67%	0.211%
63	11.857	1655	1660	1661	rBV3	467	473	0.04%	0.005%
64	12.028	1681	1688	1697	rVV2	18178	38573	2.92%	0.369%
65	12.095	1697	1699	1702	rVV2	392	569	0.04%	0.005%
66	12.205	1713	1717	1724	rVV5	2927	4768	0.36%	0.046%
67	12.327	1732	1737	1745	rVB2	23994	39519	2.99%	0.378%
68	12.491	1755	1764	1769	rVV	38891	67545	5.12%	0.646%
69	12.558	1769	1775	1783	rVV	297302	464857	35.22%	4.445%
70	12.631	1783	1787	1795	rVV3	4801	8202	0.62%	0.078%
71	12.753	1806	1807	1811	rVB3	1081	894	0.07%	0.009%

LSC Area Percent Report

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Operator : SY/MD
Sample : VIBLK77
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK77

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_Y\METHODS\SFAMYLM011620SMA.M
Title : VOC Analysis

72	12.808	1811	1816	1822	rBV2	18193	28402	2.15%	0.272%
73	12.851	1822	1823	1828	rVB2	913	1389	0.11%	0.013%
74	12.912	1828	1833	1835	rBV3	1321	1960	0.15%	0.019%
75	12.942	1835	1838	1842	rVV3	950	1605	0.12%	0.015%
76	13.028	1850	1852	1855	rVV2	735	592	0.04%	0.006%
77	13.070	1855	1859	1862	rVV4	1248	2204	0.17%	0.021%
78	13.119	1862	1867	1874	rVV4	16547	34924	2.65%	0.334%
79	13.186	1874	1878	1883	rVB3	4531	7113	0.54%	0.068%
80	13.284	1889	1894	1898	rVB4	2173	3456	0.26%	0.033%
81	13.363	1901	1907	1911	rBV2	14154	24520	1.86%	0.234%
82	13.424	1911	1917	1925	rVB	556690	892418	67.61%	8.533%
83	13.637	1946	1952	1956	rBV6	2340	4542	0.34%	0.043%
84	13.717	1956	1965	1973	rBV	557277	908679	68.84%	8.688%
85	13.826	1981	1983	1985	rVB2	1025	857	0.06%	0.008%
86	13.960	1999	2005	2013	rVB2	10792	18971	1.44%	0.181%
87	14.015	2013	2014	2016	rVB2	796	427	0.03%	0.004%
88	14.082	2018	2025	2029	rBV7	1532	3421	0.26%	0.033%
89	14.174	2038	2040	2043	rBV4	680	526	0.04%	0.005%
90	14.204	2043	2045	2047	rBV3	1021	866	0.07%	0.008%
91	14.357	2064	2070	2076	rBV8	2498	4821	0.37%	0.046%
92	14.497	2085	2093	2098	rVB4	19902	35103	2.66%	0.336%
93	14.607	2108	2111	2114	rBV4	688	941	0.07%	0.009%
94	14.905	2158	2160	2161	rBV2	727	734	0.06%	0.007%
95	15.003	2171	2176	2181	rBV	21341	33331	2.53%	0.319%
96	15.235	2207	2214	2221	rVB	28554	48892	3.70%	0.467%
97	15.314	2221	2227	2233	rVB2	8865	15497	1.17%	0.148%
98	15.418	2236	2244	2252	rVB3	24270	42695	3.23%	0.408%
99	16.009	2337	2341	2343	rBV4	1072	1219	0.09%	0.012%
100	16.259	2380	2382	2385	rBV3	783	868	0.07%	0.008%

Sum of corrected areas: 10458848

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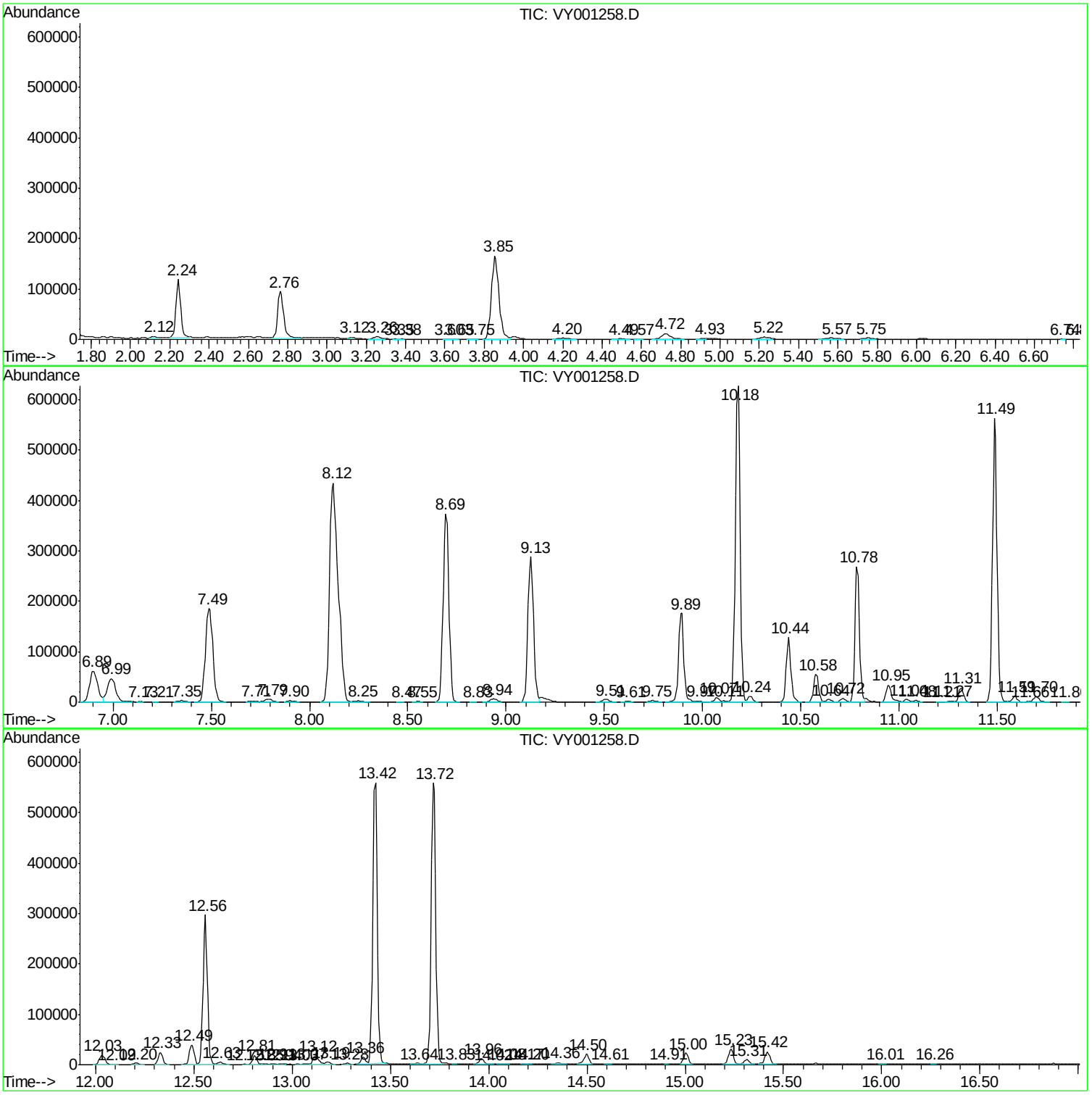
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK77

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM011620SMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK77

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Quant Title : VOC Analysis

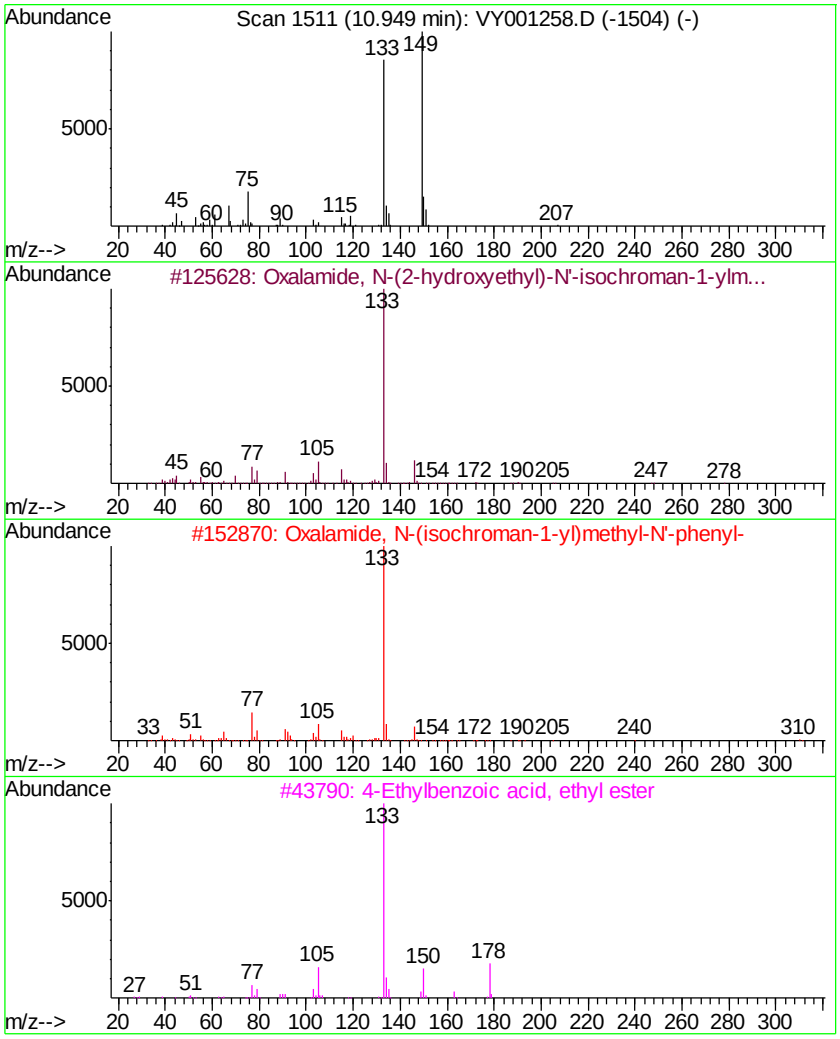
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

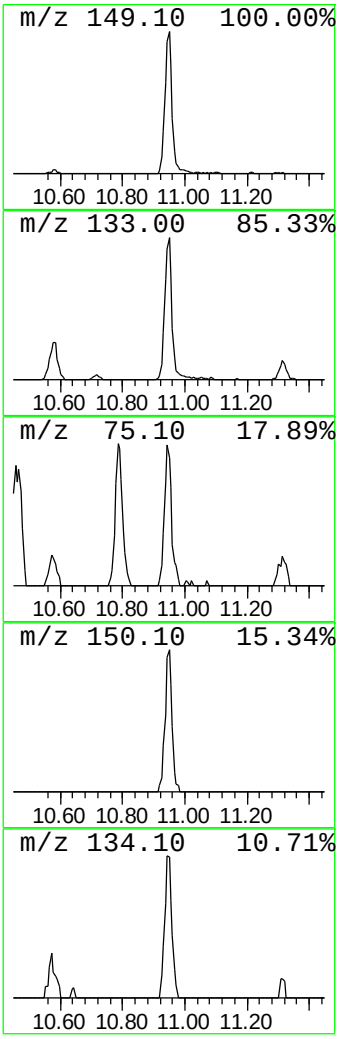
****

Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	1.68 ug/L	61588	Chlorobenzene-d5	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalamide, N-(2-hydroxyethyl)-N'...	278	C14H18N2O4	1000304-26-2	27
2	Oxalamide, N-(isochroman-1-yl)me...	310	C18H18N2O3	1000304-26-0	27
3	4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	23
4	Acetophenone, 3-methoxymethyl-	164	C10H12O2	1000159-01-9	23
5	4-Ethylbenzoic acid, 2-ethoxyeth...	222	C13H18O3	1000331-30-9	17





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Operator : SY/MD
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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VIBLK77

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM011620SMA.M
Quant Title : VOC Analysis

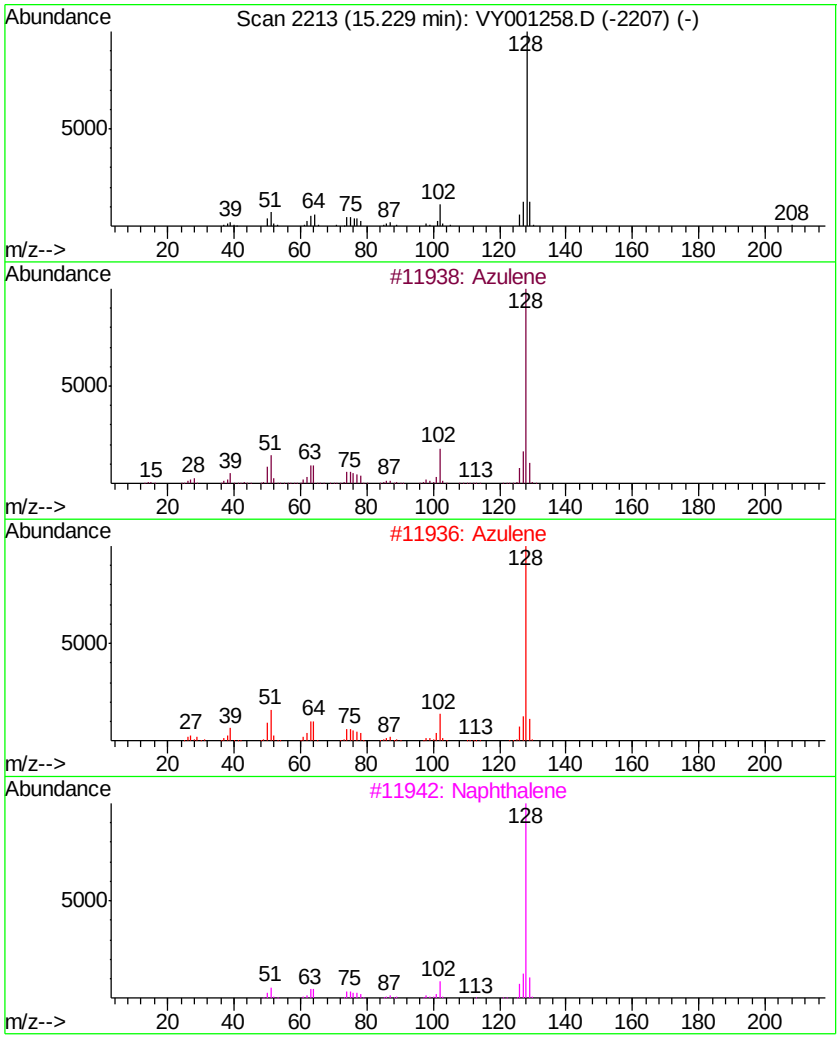
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

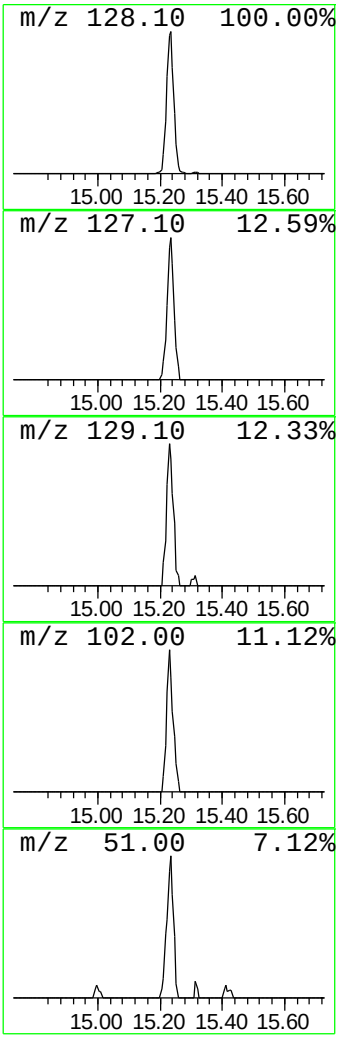
****

Peak Number 7 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	1.37 ug/L	48892	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	91
2	Azulene	128	C10H8	000275-51-4	91
3	Naphthalene	128	C10H8	000091-20-3	91
4	Naphthalene	128	C10H8	000091-20-3	90
5	Azulene	128	C10H8	000275-51-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011620\
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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	10.95	1.7	ug/L	61588	2	11.49	914763	25.0
Azulene	15.23	1.4	ug/L	48892	3	13.42	892418	25.0