LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062619\
Data File : VW011009.D
Acq On : 26 Jun 2019 17:20
Operator : SY/VA
Sample : K3461-06
Misc : 4.34G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANZ4

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\SOM2WLM062419S.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	2.160	37	42	48	rBV2	10028	19674	1.46%	0.194%
2	2.343	67	72	83	rVB	76235	140308	10.39%	1.382%
3	2.879	154	160	175	rVB	47362	122570	9.08%	1.207%
4	3.471	254	257	258	rBV2	633	648	0.05%	0.006%
5	3.544	263	269	272	rVV4	1332	3011	0.22%	0.030%
6	3.672	285	290	297	rVB3	1838	4223	0.31%	0.042%
7	3.855	316	320	322	rVV3	929	1534	0.11%	0.015%
8	4.013	335	346	360	rBV	120658	402501	29.82%	3.964%
9	4.391	399	408	420	rBV2	6304	20112	1.49%	0.198%
10	4.507	425	427	432	rVB4	418	611	0.05%	0.006%
11	4.684	453	456	460	rVB4	571	705	0.05%	0.007%
12	4.916	483	494	517	rVB2	14199	59071	4.38%	0.582%
13	5.068	517	519	520	rBV2	422	434	0.03%	0.004%
14	5.166	534	535	538	rVB2	822	651	0.05%	0.006%
15	5.342	562	564	566	rVB	510	403	0.03%	0.004%
16	5.379	566	570	573	rBV4	499	950	0.07%	0.009%
17	5.415	573	576	579	rVV3	503	618	0.05%	0.006%
18	5.659	613	616	618	rBV2	383	488	0.04%	0.005%
19	5.781	632	636	638	rBV4	279	459	0.03%	0.005%
20	5.928	651	660	669	rVB5	4288	13447	1.00%	0.132%
21	6.050	676	680	683	rVB4	641	844	0.06%	0.008%
22	6.117	686	691	696	rVB5	515	1197	0.09%	0.012%
23	6.659	775	780	783	rVB5	461	679	0.05%	0.007%
24	6.732	789	792	795	rBV3	332	373	0.03%	0.004%
25	6.964	826	830	834	rBV2	601	1069	0.08%	0.011%
26	7.074	836	848	853	rBV	63897	174098	12.90%	1.715%
27	7.135	854	858	874	rVB	59792	164408	12.18%	1.619%
28	7.452	907	910	911	rVB2	500	432	0.03%	0.004%
29	7.476	911	914	919	rBV6	411	745	0.06%	0.007%
30	7.525	919	922	923	rBV2	510	459	0.03%	0.005%
31	7.647	930	942	956	rVB	210942	525462	38.93%	5.175%
32	7.769	958	962	966	rBV5	377	647	0.05%	0.006%
33	7.842	971	974	977	rBV3	473	556	0.04%	0.005%
34	7.939	986	990	995	rBV5	722	1199	0.09%	0.012%

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Misc : 4.34G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANZ4

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\SOM2WLM062419S.M
Title : VOC Analysis

35	8.086	1013	1014	1018	rBV2	417	380	0.03%	0.004%
36	8.275	1031	1045	1058	rBV2	441550	1349839	100.00%	13.295%
37	8.445	1071	1073	1074	rBV2	463	372	0.03%	0.004%
38	8.531	1086	1087	1092	rBV4	573	819	0.06%	0.008%
39	8.616	1097	1101	1103	rBV4	534	897	0.07%	0.009%
40	8.683	1109	1112	1119	rBV6	999	1727	0.13%	0.017%
41	8.744	1121	1122	1127	rBV3	466	575	0.04%	0.006%
42	8.842	1127	1138	1150	rBV	412864	821167	60.83%	8.088%
43	9.073	1165	1176	1185	rBV9	4889	12955	0.96%	0.128%
44	9.207	1195	1198	1199	rBV2	480	449	0.03%	0.004%
45	9.275	1199	1209	1219	rBV	330967	667176	49.43%	6.571%
46	9.470	1239	1241	1244	rVV3	307	380	0.03%	0.004%
47	9.585	1255	1260	1262	rVB3	521	865	0.06%	0.009%
48	9.610	1262	1264	1266	rBV	372	479	0.04%	0.005%
49	9.659	1266	1272	1278	rVV3	2576	5779	0.43%	0.057%
50	9.750	1282	1287	1290	rBV3	639	1252	0.09%	0.012%
51	9.781	1290	1292	1295	rVB2	627	482	0.04%	0.005%
52	9.878	1304	1308	1309	rBV3	674	852	0.06%	0.008%
53	10.037	1324	1334	1343	rVV	165073	304357	22.55%	2.998%
54	10.122	1343	1348	1354	rVV5	2337	4300	0.32%	0.042%
55	10.213	1358	1363	1373	rVV6	2359	5130	0.38%	0.051%
56	10.323	1373	1381	1388	rVV	597856	1050563	77.83%	10.347%
57	10.390	1388	1392	1403	rVB2	7079	13786	1.02%	0.136%
58	10.512	1406	1412	1413	rBV4	1130	1693	0.13%	0.017%
59	10.579	1416	1423	1430	rBV	112329	193379	14.33%	1.905%
60	10.707	1437	1444	1450	rBV	16099	27757	2.06%	0.273%
61	10.860	1463	1469	1472	rVB6	1385	2261	0.17%	0.022%
62	10.921	1472	1479	1494	rBV	237259	409269	30.32%	4.031%
63	11.067	1497	1503	1511	rVV	32293	57143	4.23%	0.563%
64	11.177	1517	1521	1528	rVB9	1733	3704	0.27%	0.036%
65	11.250	1528	1533	1535	rVB4	467	776	0.06%	0.008%
66	11.341	1546	1548	1552	rVB4	690	726	0.05%	0.007%
67	11.378	1552	1554	1557	rBV3	502	533	0.04%	0.005%
68	11.439	1559	1564	1571	rVB3	3654	7045	0.52%	0.069%
69	11.506	1571	1575	1577	rBV3	500	537	0.04%	0.005%
70	11.536	1577	1580	1582	rBV	379	404	0.03%	0.004%
71	11.628	1587	1595	1605	rBV	577324	992097	73.50%	9.771%

LSC Area Percent Report

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Operator : SY/VA
Sample : K3461-06
Misc : 4.34G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANZ4

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\SOM2WLM062419S.M
Title : VOC Analysis

72	11.731	1608	1612	1619	rVB2	2336	4206	0.31%	0.041%
73	11.835	1623	1629	1641	rBV4	4708	11344	0.84%	0.112%
74	11.945	1645	1647	1651	rVB3	621	695	0.05%	0.007%
75	12.116	1673	1675	1677	rVV2	453	509	0.04%	0.005%
76	12.170	1679	1684	1692	rVB7	3271	7648	0.57%	0.075%
77	12.250	1695	1697	1699	rBV3	565	515	0.04%	0.005%
78	12.329	1707	1710	1711	rBV2	604	525	0.04%	0.005%
79	12.378	1716	1718	1720	rVB3	425	410	0.03%	0.004%
80	12.445	1726	1729	1730	rBV3	524	501	0.04%	0.005%
81	12.475	1730	1734	1740	rBV5	1361	2427	0.18%	0.024%
82	12.609	1750	1756	1762	rVB	18251	30808	2.28%	0.303%
83	12.695	1762	1770	1778	rBV	279376	453658	33.61%	4.468%
84	12.871	1797	1799	1800	rBV	870	818	0.06%	0.008%
85	12.896	1800	1803	1805	rVV2	2758	3522	0.26%	0.035%
86	12.932	1805	1809	1815	rVB2	9116	14361	1.06%	0.141%
87	13.048	1824	1828	1830	rBV4	603	867	0.06%	0.009%
88	13.146	1842	1844	1845	rBV2	676	547	0.04%	0.005%
89	13.256	1858	1862	1864	rBV5	1541	2202	0.16%	0.022%
90	13.414	1884	1888	1892	rVB2	3912	6042	0.45%	0.060%
91	13.560	1905	1912	1922	rBV	586502	941317	69.74%	9.271%
92	13.652	1922	1927	1936	rVB2	27958	47667	3.53%	0.469%
93	13.853	1953	1960	1968	rBV	554556	923968	68.45%	9.100%
94	14.072	1993	1996	2001	rVB	11938	18797	1.39%	0.185%
95	15.444	2215	2221	2226	rBV2	15780	27032	2.00%	0.266%
96	15.505	2226	2231	2237	rVB	26346	44426	3.29%	0.438%
97	15.767	2272	2274	2275	rBV2	879	687	0.05%	0.007%
98	16.468	2387	2389	2390	rBV	614	421	0.03%	0.004%
99	16.560	2402	2404	2406	rBV2	716	429	0.03%	0.004%
100	16.584	2406	2408	2409	rBV2	551	434	0.03%	0.004%

Sum of corrected areas: 10153274

LSC Report - Integrated Chromatogram

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Data File : VW011009.D
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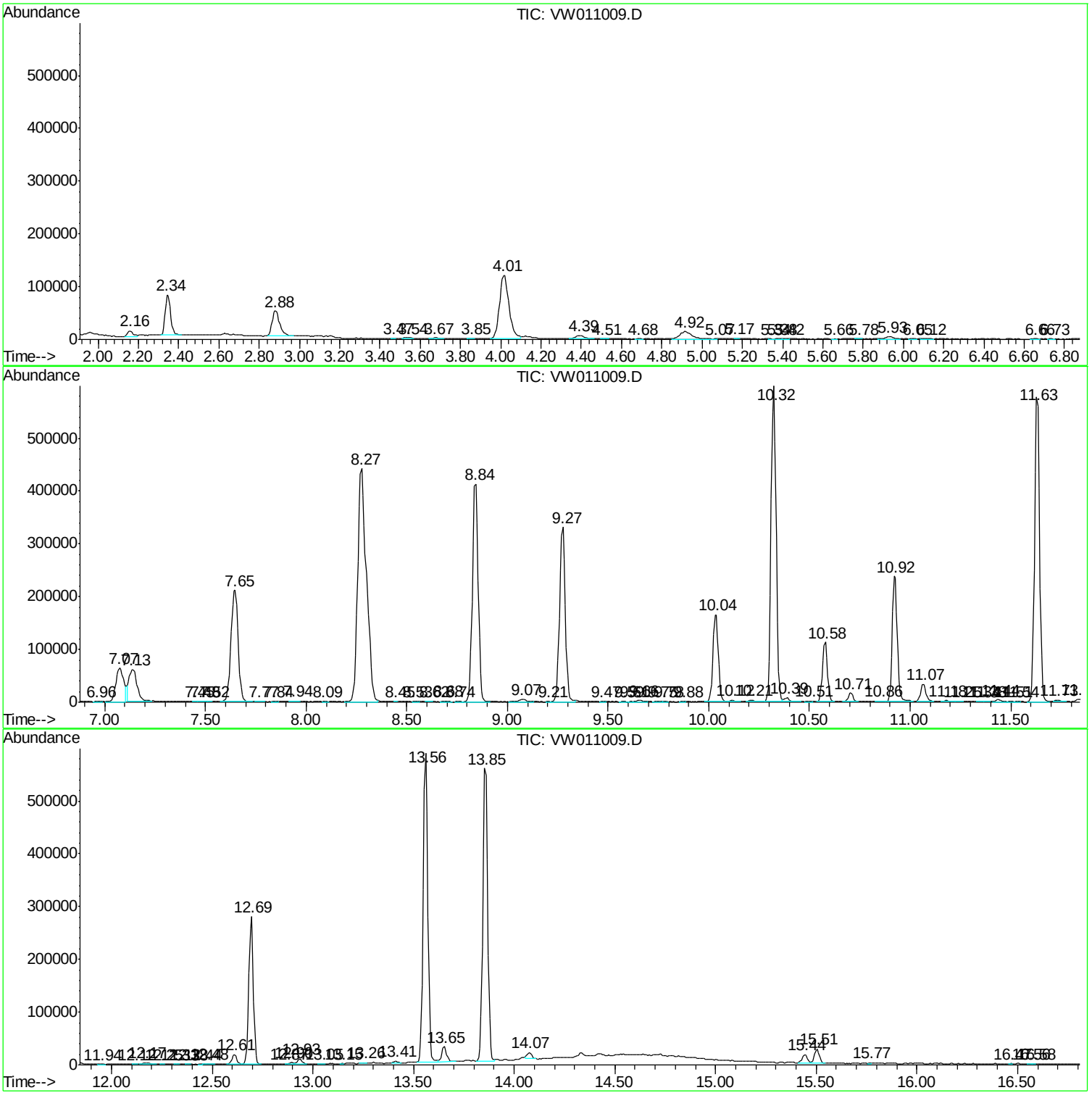
Sample : K3461-06
Misc : 4.34G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANZ4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062619\
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Acq On : 26 Jun 2019 17:20
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANZ4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

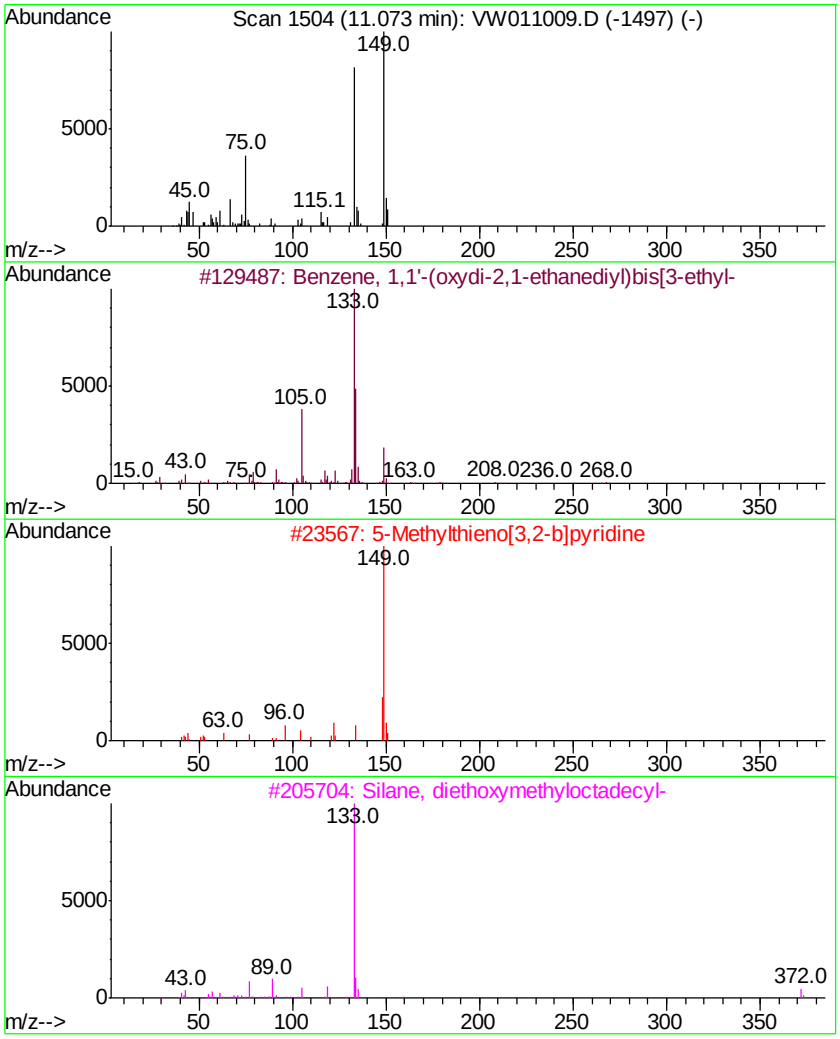
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

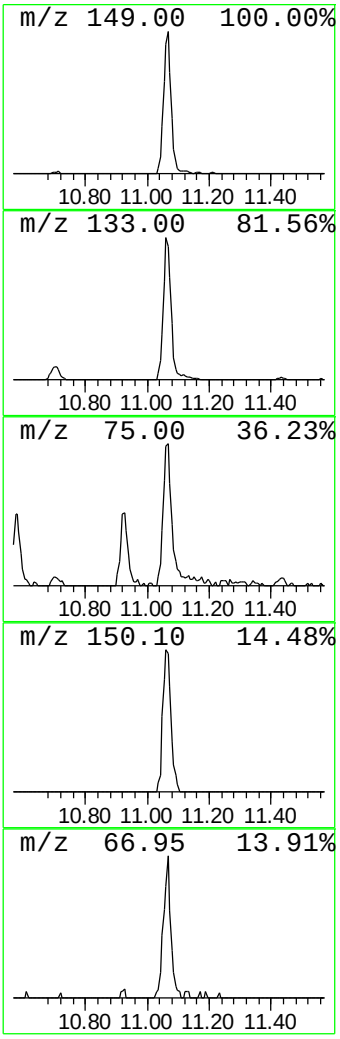
****

Peak Number 3 Benzene, 1,1'-(oxydi-2,1-et... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.44 ug/L	57143	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(oxydi-2,1-ethaned...	282	C20H26O	055044-09-2	50
2	5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	35
3	Silane, diethoxymethyloctadecyl-	386	C23H50O2Si	067859-75-0	27
4	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	25
5	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	25





Library Search Compound Report

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Instrument : MSVOA_W
ClientSampleId : YANZ4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

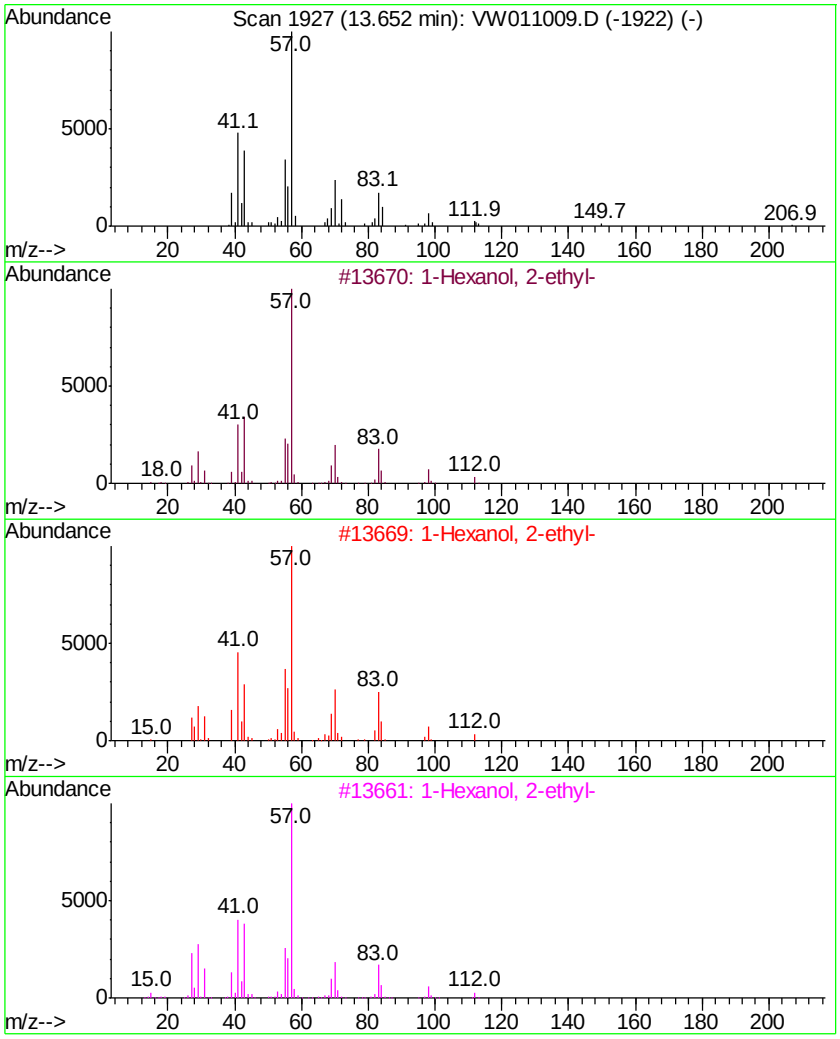
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

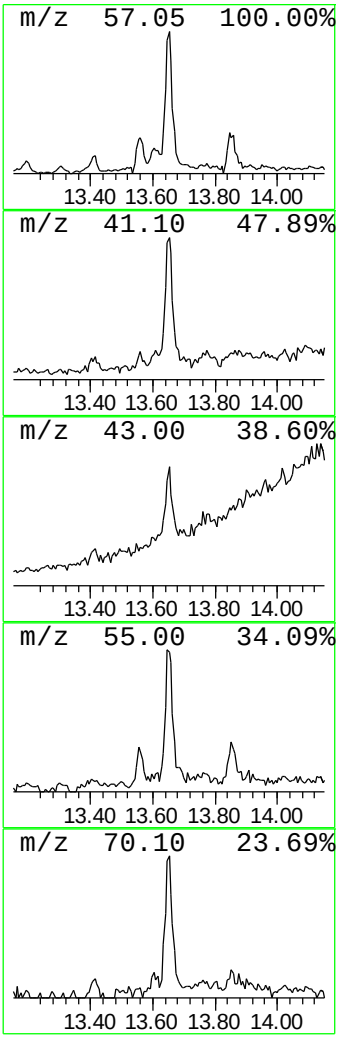
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.27 ug/L	47667	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanethiol, 2-ethyl-	146	C8H18S	007341-17-5	59
5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	59





Tentatively Identified Compound (LSC) summary

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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
Benzene, 1,1'-(ox...	11.07	1.4	ug/L	57143	2	11.63	992097	25.0
1-Hexanol, 2-ethyl-	13.65	1.3	ug/L	47667	3	13.56	941317	25.0