LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
Data File : VW011382.D
Acq On : 19 Jul 2019 17:09
Operator : SY/VA
Sample : K3863-12
Misc : 5.92G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52F2

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\SOM2WLM070219S.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	2.885	156	161	170	rVB2	5578	11605	13.26%	1.870%
2	3.178	206	209	213	rBV3	388	673	0.77%	0.108%
3	3.233	217	218	220	rBV2	419	351	0.40%	0.057%
4	3.526	263	266	267	rBV3	263	294	0.34%	0.047%
5	3.568	271	273	278	rVV4	394	646	0.74%	0.104%
6	3.739	298	301	303	rBV2	479	397	0.45%	0.064%
7	3.757	303	304	308	rVB2	416	388	0.44%	0.063%
8	3.794	308	310	312	rBV2	281	289	0.33%	0.047%
9	4.019	338	347	357	rBV	9682	26064	29.77%	4.200%
10	4.123	359	364	370	rBV3	2288	5800	6.63%	0.935%
11	4.282	384	390	397	rBV4	714	1827	2.09%	0.294%
12	4.336	397	399	400	rBV	448	325	0.37%	0.052%
13	4.452	415	418	420	rBV	250	288	0.33%	0.046%
14	4.525	429	430	434	rBV	224	345	0.39%	0.056%
15	4.647	448	450	451	rVB2	510	272	0.31%	0.044%
16	4.690	451	457	458	rBV2	452	705	0.81%	0.114%
17	4.958	499	501	504	rBV2	254	309	0.35%	0.050%
18	5.056	516	517	520	rBV2	223	243	0.28%	0.039%
19	5.098	520	524	525	rBV	259	348	0.40%	0.056%
20	5.214	540	543	544	rVV2	309	305	0.35%	0.049%
21	5.367	564	568	569	rBV2	299	348	0.40%	0.056%
22	5.385	569	571	574	rVV2	342	398	0.45%	0.064%
23	5.513	590	592	595	rVB	408	393	0.45%	0.063%
24	5.556	598	599	601	rBV	399	264	0.30%	0.043%
25	5.769	632	634	637	rBV2	411	502	0.57%	0.081%
26	5.818	640	642	646	rBV4	441	599	0.68%	0.097%
27	6.196	701	704	708	rVB	448	653	0.75%	0.105%
28	6.245	708	712	715	rBV2	565	865	0.99%	0.139%
29	6.287	718	719	723	rVV2	470	518	0.59%	0.083%
30	6.360	727	731	733	rVV3	257	444	0.51%	0.072%
31	6.501	752	754	757	rVB3	499	516	0.59%	0.083%
32	6.775	797	799	802	rBV2	478	450	0.51%	0.073%
33	6.891	816	818	820	rBV2	719	869	0.99%	0.140%
34	6.952	827	828	831	rBV3	401	442	0.50%	0.071%

LSC Area Percent Report

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Misc : 5.92G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52F2

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\SOM2WLM070219S.M
Title : VOC Analysis

35	7.031	840	841	842	rBV	590	285	0.33%	0.046%
36	7.092	843	851	854	rBV3	3608	8282	9.46%	1.335%
37	7.360	893	895	897	rBV2	259	258	0.29%	0.042%
38	7.555	925	927	928	rBV	356	310	0.35%	0.050%
39	7.647	932	942	952	rBV2	14756	37202	42.49%	5.995%
40	7.763	957	961	963	rBV2	227	381	0.44%	0.061%
41	7.842	972	974	975	rVV	353	230	0.26%	0.037%
42	7.878	977	980	984	rVV2	237	404	0.46%	0.065%
43	7.909	984	985	988	rBV2	378	371	0.42%	0.060%
44	7.970	994	995	998	rBV2	344	421	0.48%	0.068%
45	8.061	1008	1010	1015	rVB2	331	315	0.36%	0.051%
46	8.275	1037	1045	1059	rVV4	26984	87545	100.00%	14.107%
47	8.695	1110	1114	1115	rBV	431	480	0.55%	0.077%
48	8.793	1128	1130	1131	rBV	321	232	0.27%	0.037%
49	8.842	1131	1138	1146	rVV	29198	59194	67.62%	9.539%
50	8.970	1157	1159	1161	rVB2	341	239	0.27%	0.039%
51	8.994	1161	1163	1166	rBV	218	233	0.27%	0.038%
52	9.073	1169	1176	1177	rBV2	339	513	0.59%	0.083%
53	9.275	1198	1209	1218	rBV2	21398	46524	53.14%	7.497%
54	9.415	1227	1232	1239	rVB4	2183	4544	5.19%	0.732%
55	9.610	1261	1264	1267	rBV2	341	396	0.45%	0.064%
56	9.811	1295	1297	1298	rBV	425	242	0.28%	0.039%
57	9.823	1298	1299	1302	rVV	369	271	0.31%	0.044%
58	9.866	1302	1306	1307	rVB2	179	224	0.26%	0.036%
59	9.933	1313	1317	1319	rBV3	327	477	0.54%	0.077%
60	10.037	1327	1334	1340	rBV2	9654	17965	20.52%	2.895%
61	10.140	1347	1351	1352	rBV2	452	416	0.48%	0.067%
62	10.323	1374	1381	1391	rBV	29861	53452	61.06%	8.613%
63	10.433	1395	1399	1401	rBV3	402	565	0.65%	0.091%
64	10.579	1417	1423	1431	rBV	6570	12612	14.41%	2.032%
65	10.677	1437	1439	1440	rVV	364	295	0.34%	0.048%
66	10.707	1440	1444	1449	rVB4	1303	2281	2.61%	0.368%
67	10.841	1463	1466	1468	rVV2	302	351	0.40%	0.057%
68	10.866	1468	1470	1473	rVB	426	392	0.45%	0.063%
69	10.927	1475	1480	1492	rVV	13354	26565	30.34%	4.281%
70	11.073	1498	1504	1515	rBV	14625	27596	31.52%	4.447%
71	11.207	1523	1526	1528	rVB2	456	470	0.54%	0.076%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52F2

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\SOM2WLM070219S.M
Title : VOC Analysis

72	11.353	1549	1550	1553	rVB3	503	251	0.29%	0.040%
73	11.390	1553	1556	1557	rBV2	398	342	0.39%	0.055%
74	11.561	1583	1584	1587	rVB2	485	281	0.32%	0.045%
75	11.634	1587	1596	1604	rBV	37388	65559	74.89%	10.564%
76	11.713	1606	1609	1611	rBV2	253	383	0.44%	0.062%
77	11.786	1620	1621	1625	rBV2	343	444	0.51%	0.072%
78	11.817	1625	1626	1628	rBV2	289	274	0.31%	0.044%
79	11.987	1652	1654	1657	rVB2	348	393	0.45%	0.063%
80	12.250	1694	1697	1699	rBV2	258	357	0.41%	0.058%
81	12.420	1723	1725	1731	rBV3	241	431	0.49%	0.069%
82	12.506	1736	1739	1740	rBV2	351	330	0.38%	0.053%
83	12.524	1740	1742	1744	rVB2	403	318	0.36%	0.051%
84	12.615	1750	1757	1763	rBV3	1634	3386	3.87%	0.546%
85	12.695	1764	1770	1778	rVB	18148	31156	35.59%	5.021%
86	12.829	1791	1792	1794	rBV	300	246	0.28%	0.040%
87	12.914	1805	1806	1808	rBV	332	323	0.37%	0.052%
88	13.060	1828	1830	1834	rVB3	335	315	0.36%	0.051%
89	13.164	1844	1847	1848	rBV2	257	229	0.26%	0.037%
90	13.353	1876	1878	1880	rBV2	496	485	0.55%	0.078%
91	13.408	1883	1887	1889	rVV2	343	495	0.57%	0.080%
92	13.560	1906	1912	1920	rVV2	18983	32985	37.68%	5.315%
93	13.646	1923	1926	1927	rBV	483	451	0.52%	0.073%
94	13.816	1952	1954	1955	rBV	454	324	0.37%	0.052%
95	13.853	1955	1960	1967	rVB	16324	27550	31.47%	4.440%
96	13.926	1970	1972	1973	rBV	399	372	0.42%	0.060%
97	14.097	1999	2000	2005	rBV3	350	549	0.63%	0.088%
98	14.152	2008	2009	2012	rVB3	411	347	0.40%	0.056%
99	14.182	2012	2014	2016	rBV2	552	492	0.56%	0.079%
100	14.566	2075	2077	2078	rBV2	345	229	0.26%	0.037%

Sum of corrected areas: 620565

LSC Report - Integrated Chromatogram

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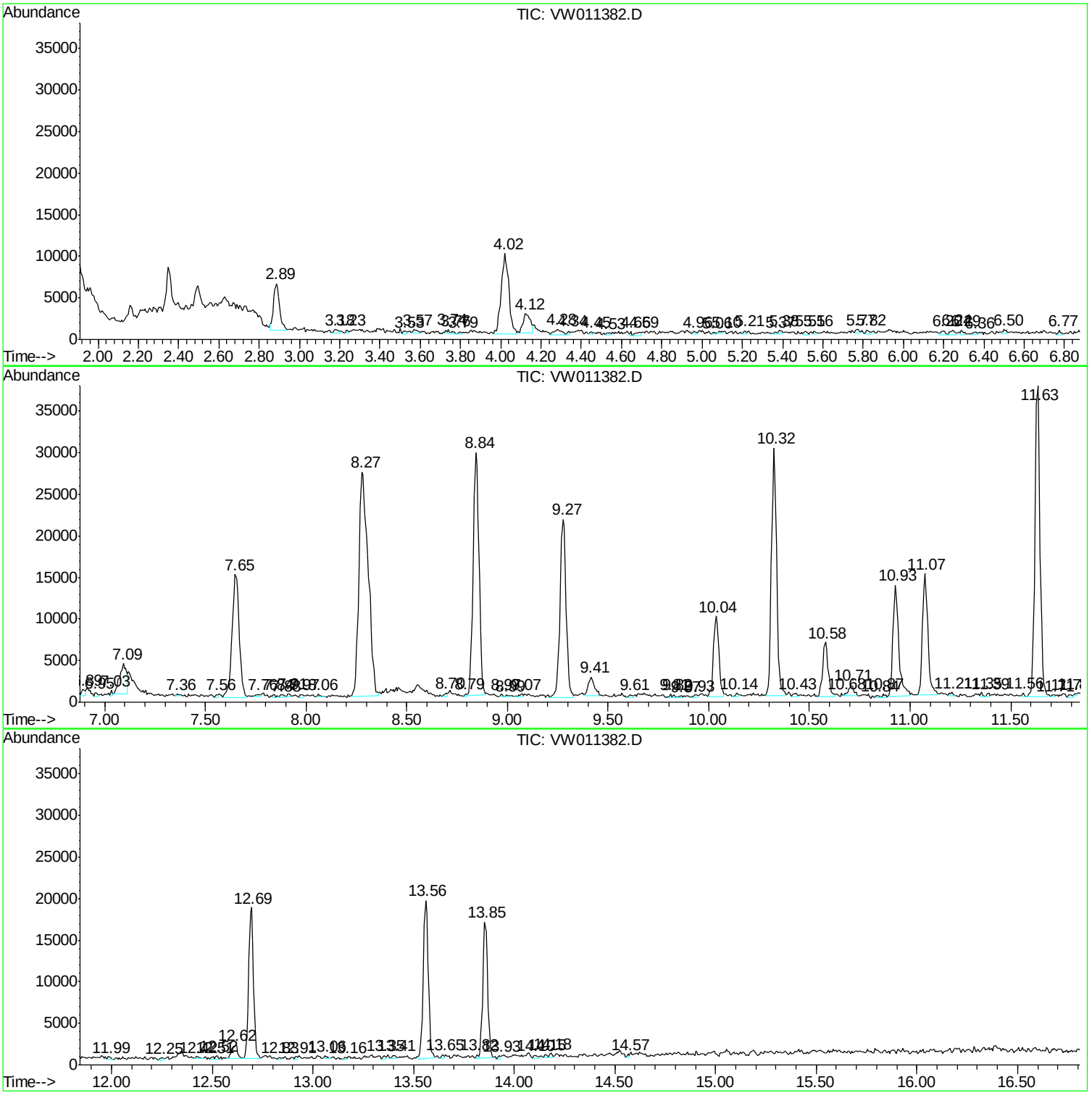
Sample : K3863-12
Misc : 5.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52F2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
Data File : VW011382.D
Acq On : 19 Jul 2019 17:09
Operator : SY/VA
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
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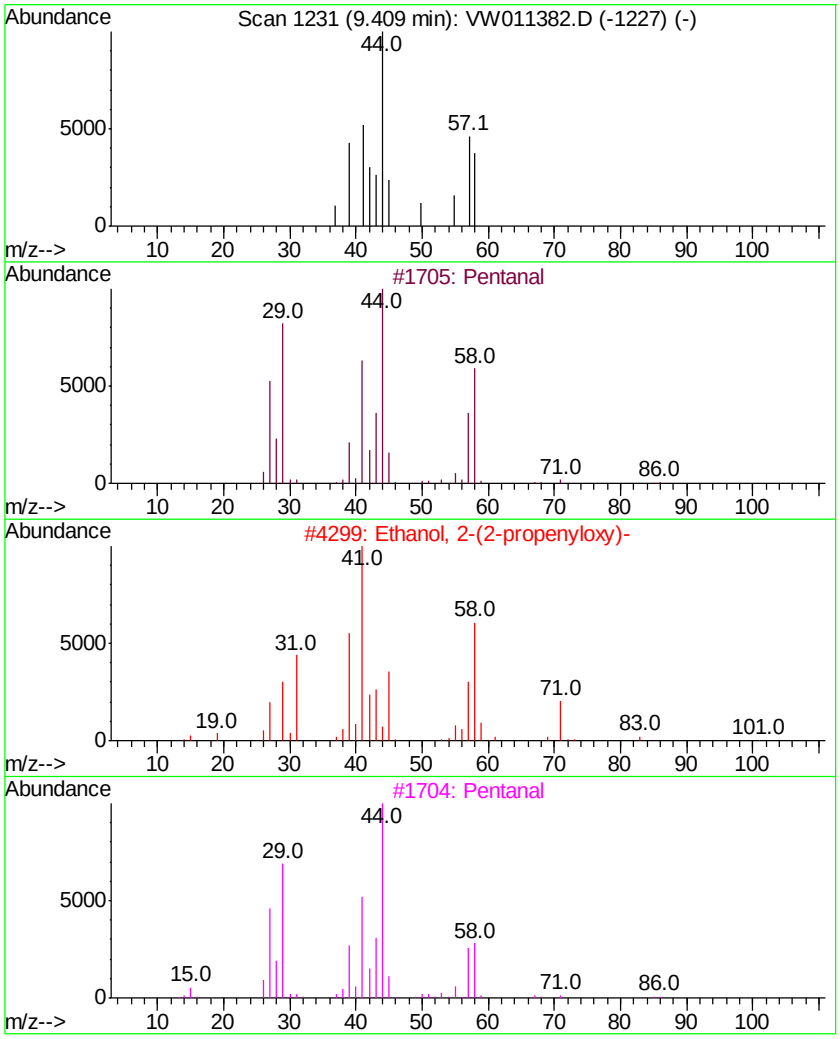
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

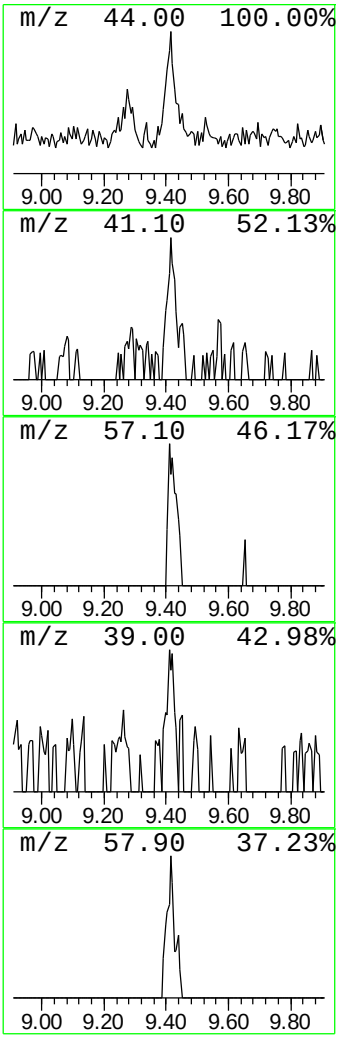
****

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	1.92 ug/L	4544	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	40
2	Ethanol, 2-(2-propenyloxy)-	102	C5H10O2	000111-45-5	9
3	Pentanal	86	C5H10O	000110-62-3	9
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Propane	44	C3H8	000074-98-6	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
Data File : VW011382.D
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Misc : 5.92G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52F2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

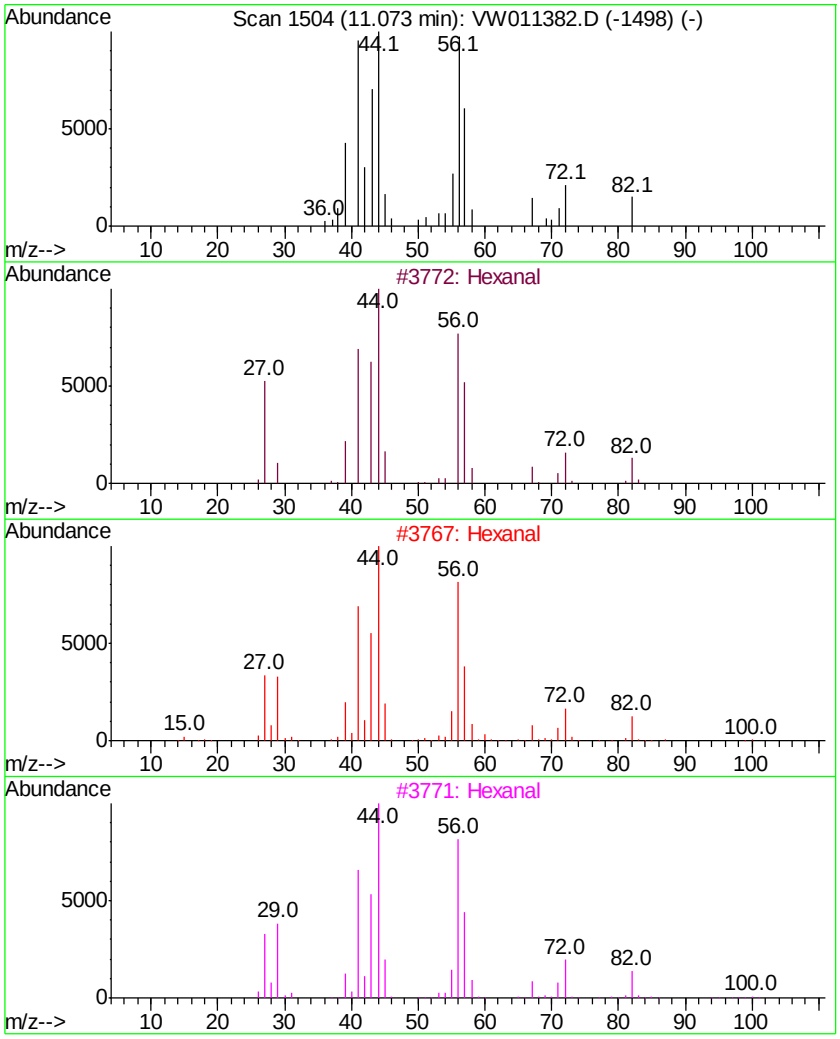
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

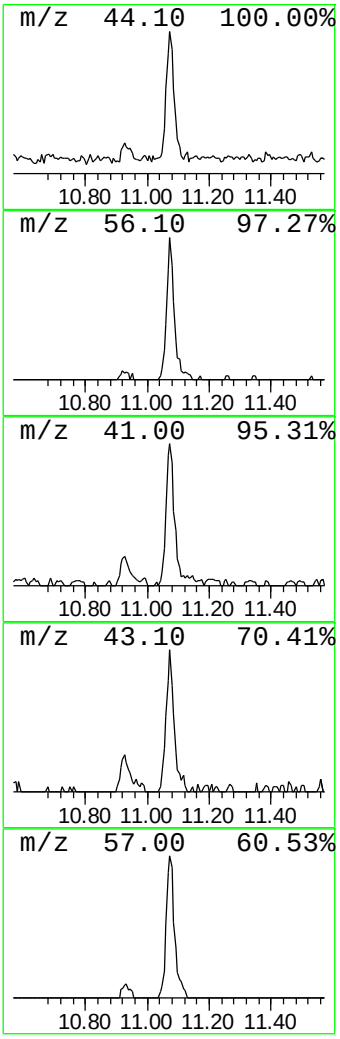
****

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	10.52 ug/L	27596	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	64
2	Hexanal	100	C6H12O	000066-25-1	59
3	Hexanal	100	C6H12O	000066-25-1	59
4	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	32
5	Butanal	72	C4H8O	000123-72-8	30





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
unknown-01	9.41	1.9	ug/L	4544	1	8.84	59194	25.0
Hexanal	11.07	10.5	ug/L	27596	2	11.63	65559	25.0