LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011040.D
Acq On : 23 May 2019 21:17
Operator : SY/MD
Sample : K3016-07
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C6

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_V\METHOD\SOM2VLM052019S.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	1.315	63	70	83	rVB	40307	39673	10.64%	1.369%
2	1.386	88	92	103	rVB	8672	8773	2.35%	0.303%
3	1.566	142	148	156	rVB	28065	31421	8.43%	1.085%
4	1.810	218	224	236	rBV6	1670	2395	0.64%	0.083%
5	1.904	250	253	257	rBV3	534	455	0.12%	0.016%
6	1.978	272	276	287	rVB5	1090	1551	0.42%	0.054%
7	2.122	310	321	333	rBV	65054	94721	25.40%	3.270%
8	2.190	333	342	353	rVB	10154	15528	4.16%	0.536%
9	2.315	373	381	388	rVB4	1449	2193	0.59%	0.076%
10	2.351	388	392	395	rBV2	380	266	0.07%	0.009%
11	2.460	416	426	434	rBV2	2171	3429	0.92%	0.118%
12	2.527	440	447	456	rVB3	2879	4429	1.19%	0.153%
13	2.990	583	591	600	rVV4	1207	2271	0.61%	0.078%
14	3.064	605	614	625	rVB5	2639	5216	1.40%	0.180%
15	3.212	657	660	662	rBV2	364	229	0.06%	0.008%
16	3.380	706	712	716	rBV2	293	340	0.09%	0.012%
17	3.402	716	719	723	rBV2	301	288	0.08%	0.010%
18	3.743	820	825	826	rBV3	1420	1006	0.27%	0.035%
19	3.933	874	884	910	rVV	20115	50795	13.62%	1.753%
20	4.232	974	977	983	rBV	238	305	0.08%	0.011%
21	4.399	1010	1029	1049	rBV2	68068	163823	43.93%	5.655%
22	4.730	1125	1132	1137	rBV2	245	345	0.09%	0.012%
23	4.865	1169	1174	1178	rBV2	192	249	0.07%	0.009%
24	5.090	1225	1244	1266	rBV2	149746	372938	100.00%	12.874%
25	5.331	1316	1319	1321	rBV	379	243	0.07%	0.008%
26	5.376	1322	1333	1343	rVV5	1861	3576	0.96%	0.123%
27	5.482	1361	1366	1371	rVB	257	241	0.06%	0.008%
28	5.566	1386	1392	1394	rBV2	570	574	0.15%	0.020%
29	5.662	1408	1422	1439	rBV	124242	247844	66.46%	8.555%
30	5.801	1462	1465	1471	rVB3	394	334	0.09%	0.012%
31	5.936	1502	1507	1509	rBV2	487	408	0.11%	0.014%
32	5.949	1509	1511	1517	rVB2	717	542	0.15%	0.019%
33	6.116	1550	1563	1590	rBV	92466	186912	50.12%	6.452%
34	6.248	1601	1604	1615	rVB2	534	809	0.22%	0.028%

LSC Area Percent Report

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Data File : VV011040.D
Acq On : 23 May 2019 21:17
Operator : SY/MD
Sample : K3016-07
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C6

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_V\METHOD\SOM2VLM052019S.M
Title : VOC Analysis

35	6.334	1621	1631	1645	rBV2	7868	15217	4.08%	0.525%
36	6.595	1709	1712	1717	rVB2	278	299	0.08%	0.010%
37	6.646	1725	1728	1734	rBV2	678	742	0.20%	0.026%
38	6.704	1739	1746	1748	rBV2	607	646	0.17%	0.022%
39	6.785	1767	1771	1774	rBV	293	315	0.08%	0.011%
40	6.897	1800	1806	1811	rBV2	215	269	0.07%	0.009%
41	7.026	1835	1846	1867	rVB3	43123	76689	20.56%	2.647%
42	7.125	1873	1877	1879	rBV	292	248	0.07%	0.009%
43	7.174	1889	1892	1905	rBV4	851	1237	0.33%	0.043%
44	7.357	1937	1949	1968	rBV	159791	279303	74.89%	9.641%
45	7.524	1997	2001	2003	rBV3	353	267	0.07%	0.009%
46	7.662	2028	2044	2066	rBV2	29609	50322	13.49%	1.737%
47	7.752	2070	2072	2078	rVB2	780	497	0.13%	0.017%
48	7.781	2078	2081	2087	rBV3	298	267	0.07%	0.009%
49	7.849	2098	2102	2105	rBV2	272	255	0.07%	0.009%
50	7.932	2125	2128	2130	rVV2	386	304	0.08%	0.010%
51	7.981	2132	2143	2153	rVV4	1859	3785	1.01%	0.131%
52	8.132	2179	2190	2215	rBV	78286	137254	36.80%	4.738%
53	8.280	2226	2236	2253	rBV	76877	124861	33.48%	4.310%
54	8.376	2263	2266	2270	rVB2	560	388	0.10%	0.013%
55	8.569	2320	2326	2329	rBV	233	271	0.07%	0.009%
56	8.592	2330	2333	2336	rBV	391	252	0.07%	0.009%
57	8.627	2341	2344	2348	rBV2	231	250	0.07%	0.009%
58	8.730	2371	2376	2379	rBV2	311	374	0.10%	0.013%
59	8.894	2416	2427	2448	rVV	187717	311910	83.64%	10.767%
60	9.061	2473	2479	2485	rBV2	529	458	0.12%	0.016%
61	9.186	2511	2518	2523	rVV2	455	607	0.16%	0.021%
62	9.260	2533	2541	2544	rBV5	867	1063	0.29%	0.037%
63	9.479	2604	2609	2613	rBV2	238	312	0.08%	0.011%
64	9.582	2633	2641	2645	rBV3	651	967	0.26%	0.033%
65	9.646	2658	2661	2666	rVB2	341	256	0.07%	0.009%
66	9.688	2670	2674	2677	rBV3	309	288	0.08%	0.010%
67	9.733	2686	2688	2694	rVB4	314	305	0.08%	0.011%
68	9.762	2694	2697	2700	rBV	321	264	0.07%	0.009%
69	9.852	2719	2725	2734	rBV2	3643	5035	1.35%	0.174%
70	10.260	2840	2852	2870	rBV	105672	165452	44.36%	5.711%
71	10.421	2894	2902	2912	rVB3	4257	6873	1.84%	0.237%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011040.D
Acq On : 23 May 2019 21:17
Operator : SY/MD
Sample : K3016-07
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C6

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_V\METHOD\SOM2VLM052019S.M
Title : VOC Analysis

72	10.624	2959	2965	2975	rVB5	1245	1855	0.50%	0.064%
73	10.759	3004	3007	3015	rVB3	316	422	0.11%	0.015%
74	10.974	3063	3074	3082	rBV4	864	1229	0.33%	0.042%
75	11.196	3136	3143	3153	rBV6	2251	3752	1.01%	0.130%
76	11.296	3162	3174	3194	rBV	138927	226159	60.64%	7.807%
77	11.575	3255	3261	3268	rBV5	2715	3446	0.92%	0.119%
78	11.672	3280	3291	3307	rBV	135085	216655	58.09%	7.479%
79	12.051	3405	3409	3411	rBV2	651	427	0.11%	0.015%
80	12.289	3476	3483	3494	rBV2	1667	2716	0.73%	0.094%
81	12.395	3509	3516	3520	rVB6	2164	2280	0.61%	0.079%
82	12.720	3612	3617	3620	rBV2	605	493	0.13%	0.017%
83	12.781	3633	3636	3640	rVB	347	236	0.06%	0.008%
84	12.932	3676	3683	3686	rBV3	421	450	0.12%	0.016%
85	13.485	3852	3855	3861	rVB2	486	324	0.09%	0.011%
86	13.633	3898	3901	3906	rVB2	422	315	0.08%	0.011%
87	13.787	3946	3949	3954	rBV2	234	289	0.08%	0.010%
88	13.874	3970	3976	3981	rBV	224	300	0.08%	0.010%
89	13.980	4004	4009	4013	rBV	242	253	0.07%	0.009%
90	14.029	4021	4024	4029	rBV2	197	225	0.06%	0.008%
91	14.350	4121	4124	4129	rBV2	224	240	0.06%	0.008%
92	15.067	4343	4347	4351	rBV3	332	318	0.09%	0.011%
93	15.131	4364	4367	4372	rVB2	313	227	0.06%	0.008%
94	15.681	4535	4538	4545	rVB3	295	262	0.07%	0.009%
95	16.430	4768	4771	4775	rBV2	309	242	0.06%	0.008%
96	16.656	4839	4841	4849	rVB3	335	318	0.09%	0.011%
97	16.955	4932	4934	4936	rVB3	566	266	0.07%	0.009%
98	17.192	5005	5008	5011	rBV2	552	353	0.09%	0.012%
99	17.244	5022	5024	5027	rVB	655	276	0.07%	0.010%
100	17.299	5039	5041	5044	rVB3	694	347	0.09%	0.012%

Sum of corrected areas: 2896899

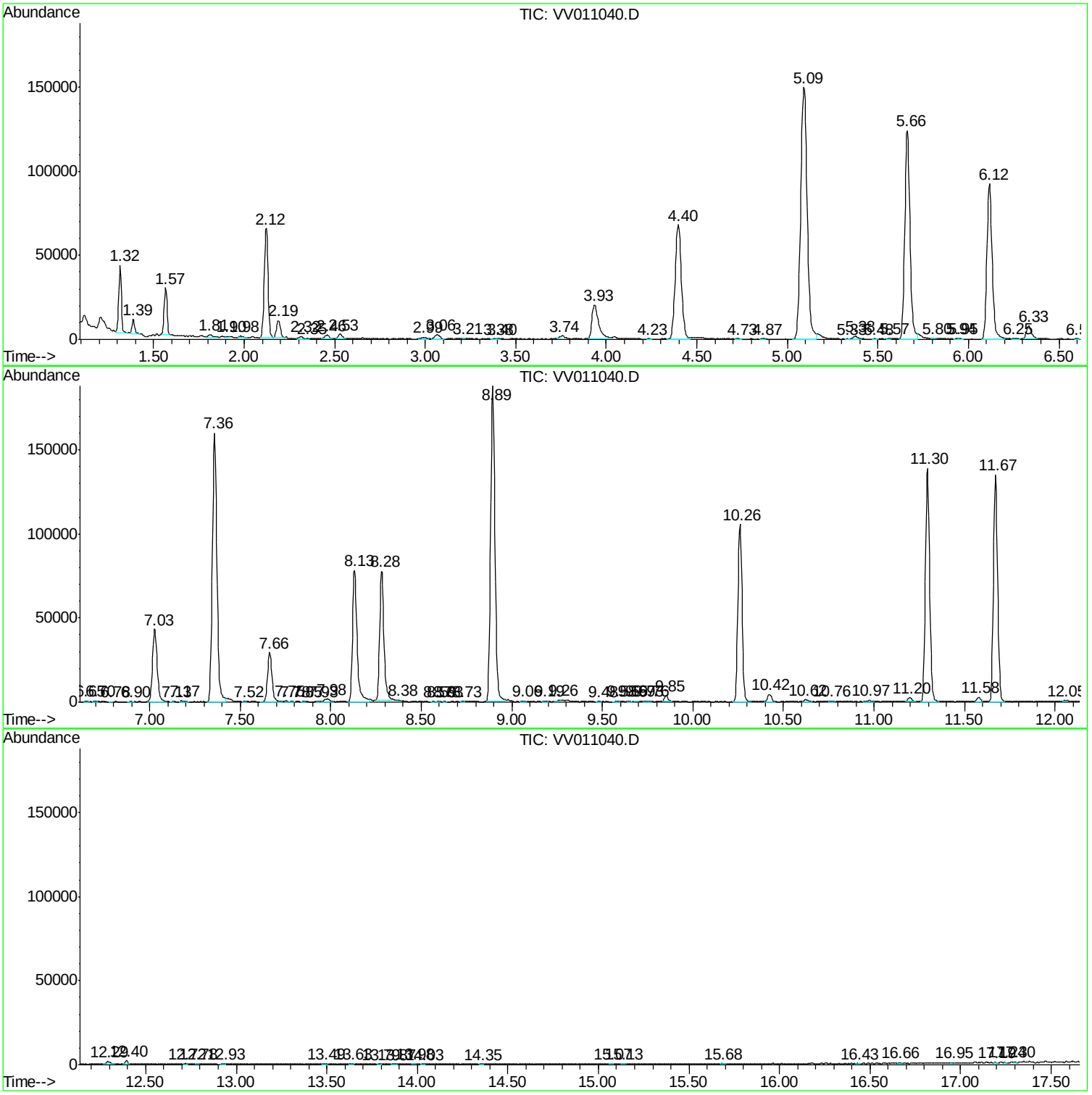
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011040.D
Acq On : 23 May 2019 21:17
Operator : SY/MD
Sample : K3016-07
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011040.D
Acq On : 23 May 2019 21:17
Operator : SY/MD
Sample : K3016-07
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

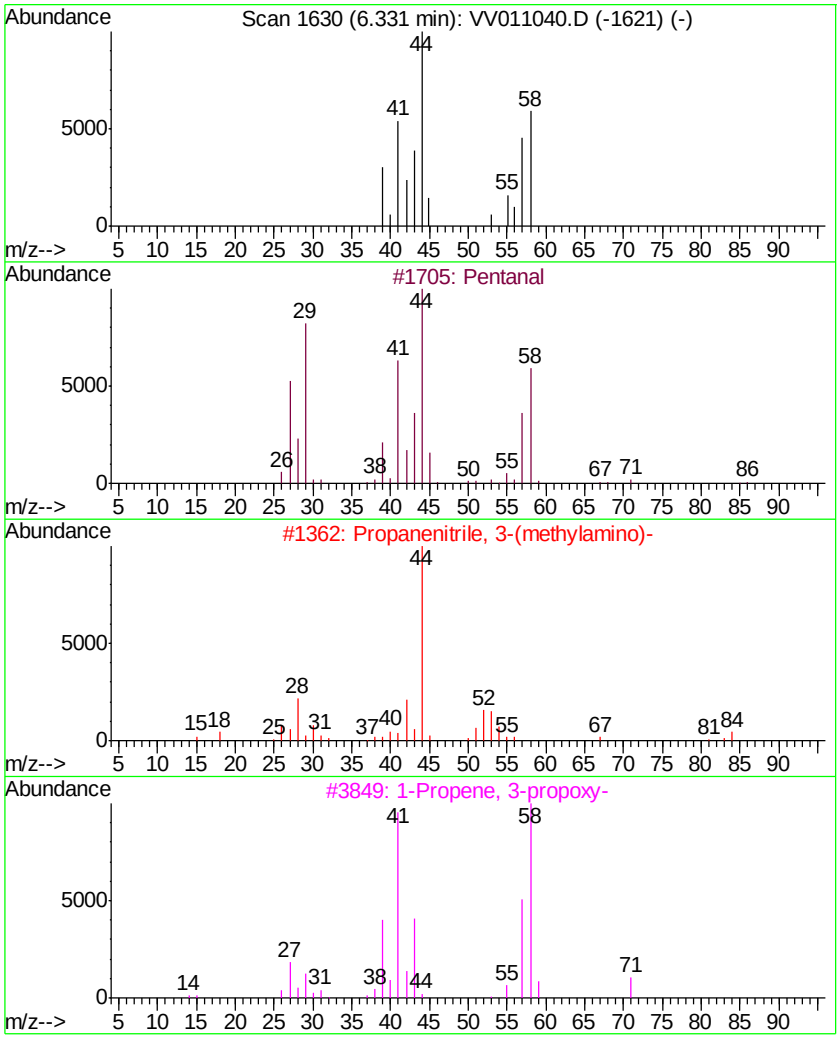
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

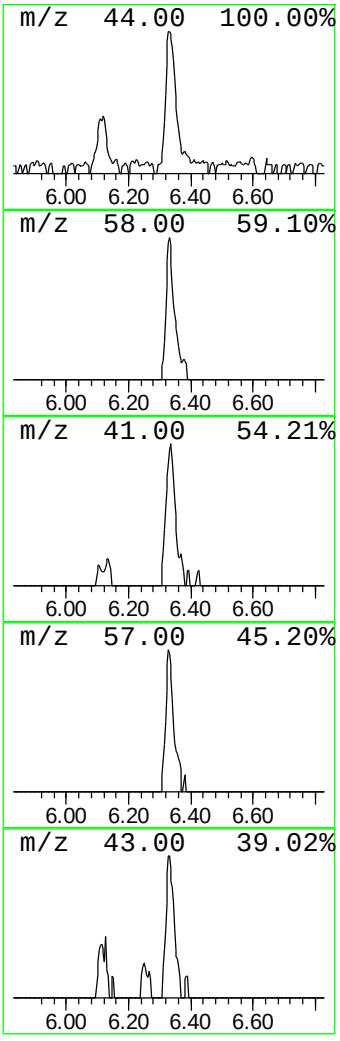
****

Peak Number 1 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	1.53 ug/L	15217	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	39
2	Propanenitrile, 3-(methylamino)-	84	C4H8N2	000693-05-0	9
3	1-Propene, 3-propoxy-	100	C6H12O	001471-03-0	9
4	Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	5
5	Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011040.D
Acq On : 23 May 2019 21:17
Operator : SY/MD
Sample : K3016-07
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

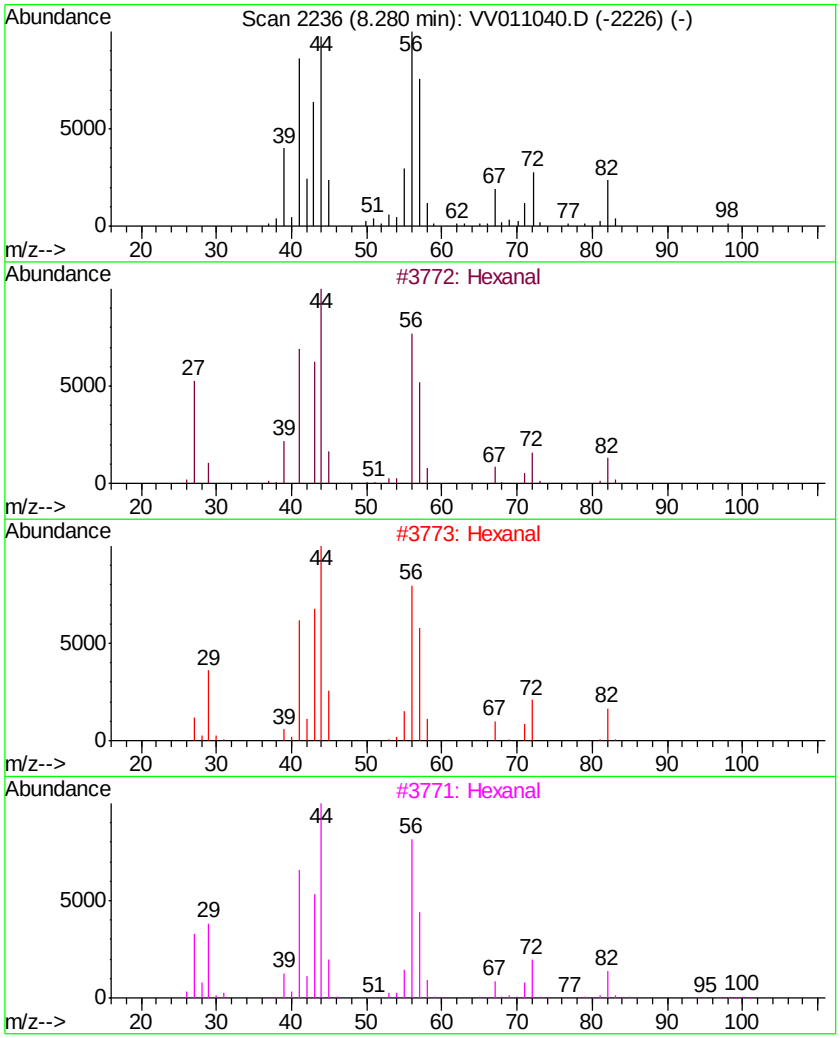
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

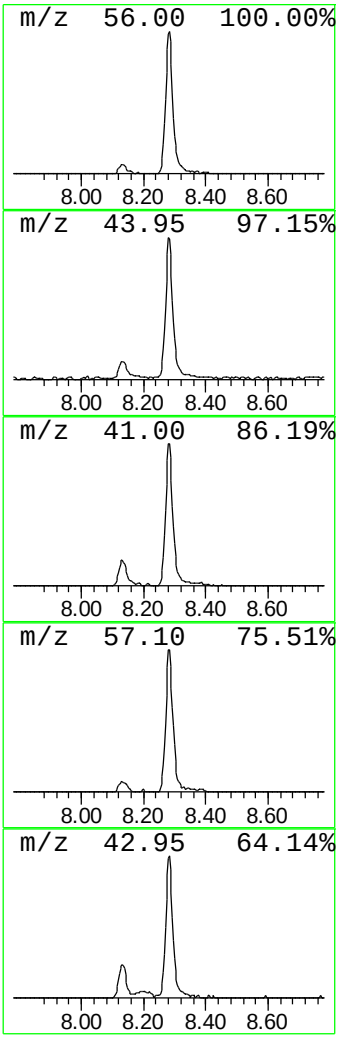
****

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	10.01 ug/L	124861	Chlorobenzene-d5	8.89

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	Hexanal	100	C6H12O	000066-25-1	53
5	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011040.D
Acq On : 23 May 2019 21:17
Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.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
Pentanal	6.33	1.5	ug/L	15217	1	5.66	247844	25.0
Hexanal	8.28	10.0	ug/L	124861	2	8.89	311910	25.0