LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102619\
Data File : VV013380.D
Acq On : 26 Oct 2019 17:52
Operator : SY/MD
Sample : K5567-09
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : JLND0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMVTR102119WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.116	4	8	19	rVB3	58713	61596	3.13%	0.367%
2	1.251	46	50	59	rVB	22586	24268	1.23%	0.145%
3	1.319	62	71	86	rBV	273455	302357	15.36%	1.802%
4	1.582	146	153	164	rVB	217056	239414	12.16%	1.427%
5	1.785	209	216	223	rBV	18291	23021	1.17%	0.137%
6	2.129	313	323	336	rBV	426534	600003	30.48%	3.575%
7	3.759	817	830	852	rBV4	39522	113497	5.77%	0.676%
8	3.968	880	895	936	rBV	120388	634772	32.25%	3.783%
9	4.399	1013	1029	1055	rBV2	342161	932633	47.38%	5.557%
10	4.785	1136	1149	1170	rBV2	22788	59525	3.02%	0.355%
11	5.093	1226	1245	1273	rBV2	810197	1968220	100.00%	11.728%
12	5.663	1409	1422	1448	rBV	512892	1023996	52.03%	6.102%
13	5.949	1498	1511	1528	rBV3	18867	39584	2.01%	0.236%
14	6.116	1547	1563	1586	rBV	445684	911705	46.32%	5.433%
15	6.335	1622	1631	1650	rBV3	40675	85988	4.37%	0.512%
16	6.920	1799	1813	1829	rBV2	38554	71020	3.61%	0.423%
17	7.029	1833	1847	1868	rBV	197785	367177	18.66%	2.188%
18	7.280	1916	1925	1935	rBV3	9841	20414	1.04%	0.122%
19	7.357	1935	1949	1966	rBV	984792	1689240	85.83%	10.066%
20	7.663	2029	2044	2060	rBV	118526	211761	10.76%	1.262%
21	7.904	2108	2119	2133	rBV4	21433	42511	2.16%	0.253%
22	8.007	2133	2151	2162	rBV4	19520	66121	3.36%	0.394%
23	8.138	2180	2192	2225	rBV3	681680	1595692	81.07%	9.509%
24	8.283	2228	2237	2259	rVB2	105044	198741	10.10%	1.184%
25	8.711	2358	2370	2383	rBV	60543	99825	5.07%	0.595%
26	8.894	2412	2427	2448	rBV	869624	1440759	73.20%	8.585%
27	9.540	2617	2628	2641	rBV2	44161	99503	5.06%	0.593%
28	9.849	2714	2724	2738	rBV2	65218	114208	5.80%	0.681%
29	10.206	2821	2835	2841	rBV3	43570	66553	3.38%	0.397%
30	10.257	2841	2851	2865	rVB	315035	495517	25.18%	2.953%
31	10.418	2893	2901	2913	rVB2	16209	27726	1.41%	0.165%
32	10.871	3031	3042	3056	rBV5	18154	41079	2.09%	0.245%
33	11.193	3135	3142	3155	rBV5	19821	37479	1.90%	0.223%
34	11.289	3160	3172	3192	rBV	988536	1517718	77.11%	9.044%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102619\
Data File : VV013380.D
Acq On : 26 Oct 2019 17:52
Operator : SY/MD
Sample : K5567-09
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : JLND0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMVTR102119WMA.M
Title : TRACE VOA SOM01.0

35	11.495	3224	3236	3245	rVB4	13450	21189	1.08%	0.126%
36	11.579	3251	3262	3274	rBV3	22344	47789	2.43%	0.285%
37	11.666	3278	3289	3310	rVB	948418	1489084	75.66%	8.873%

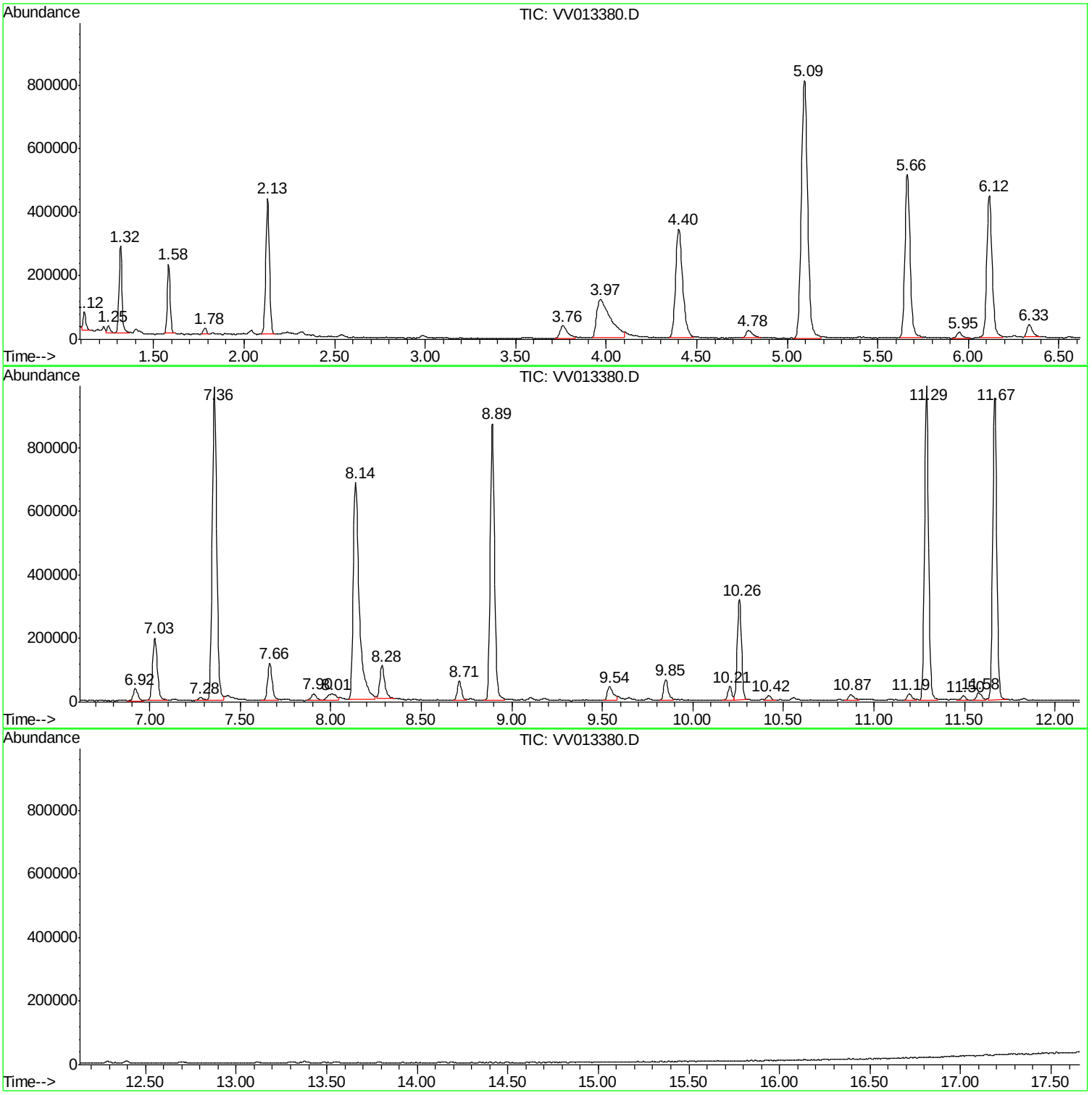
Sum of corrected areas: 16781685

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102619\
Data File : VV013380.D
Acq On : 26 Oct 2019 17:52
Operator : SY/MD
Sample : K5567-09
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : JLND0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102619\
Data File : VV013380.D
Acq On : 26 Oct 2019 17:52
Operator : SY/MD
Sample : K5567-09
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : JLND0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0

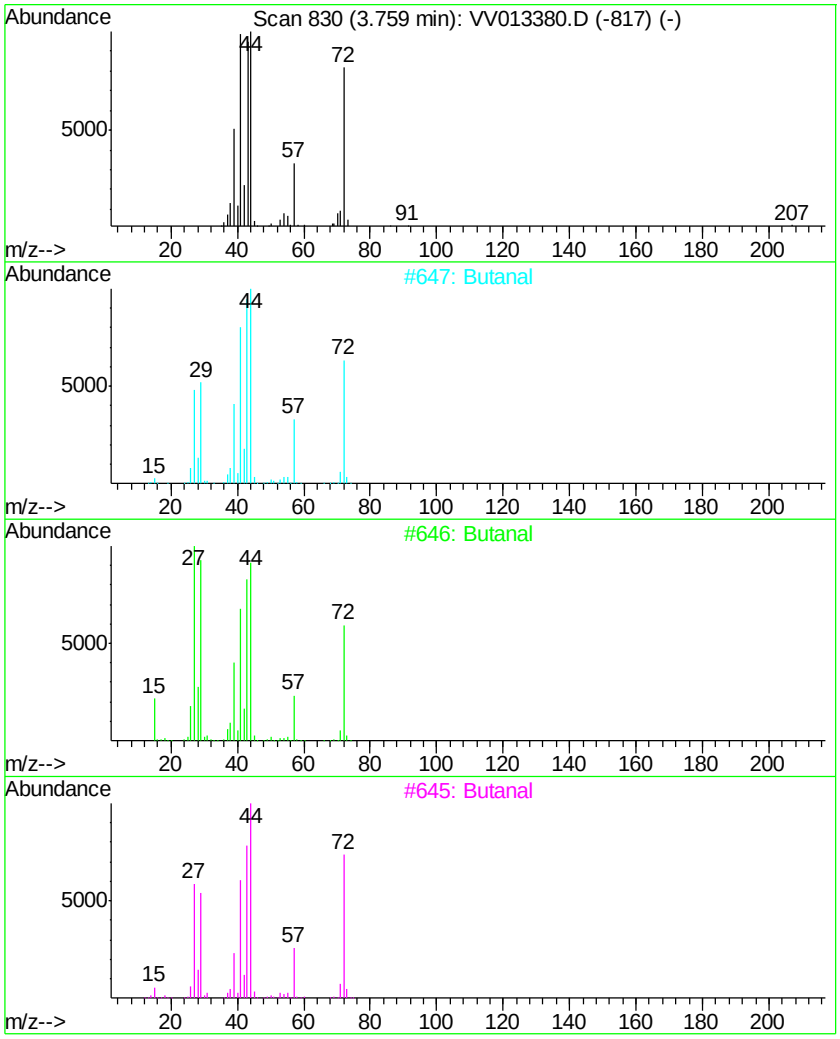
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

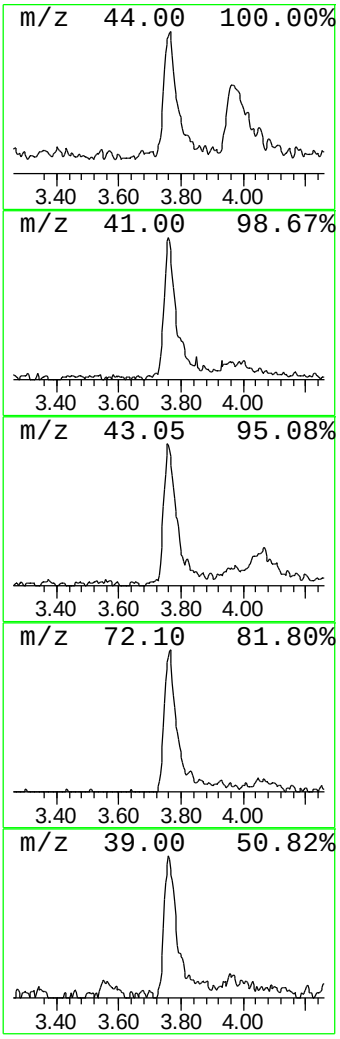
****

Peak Number 1 Butanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.55 ug/L	113497	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	64
4	Butanal	72	C4H8O	000123-72-8	59
5	1-Butanamine, N-(1-methylethyl)-	115	C7H17N	039099-23-5	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102619\
Data File : VV013380.D
Acq On : 26 Oct 2019 17:52
Operator : SY/MD
Sample : K5567-09
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : JLND0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0

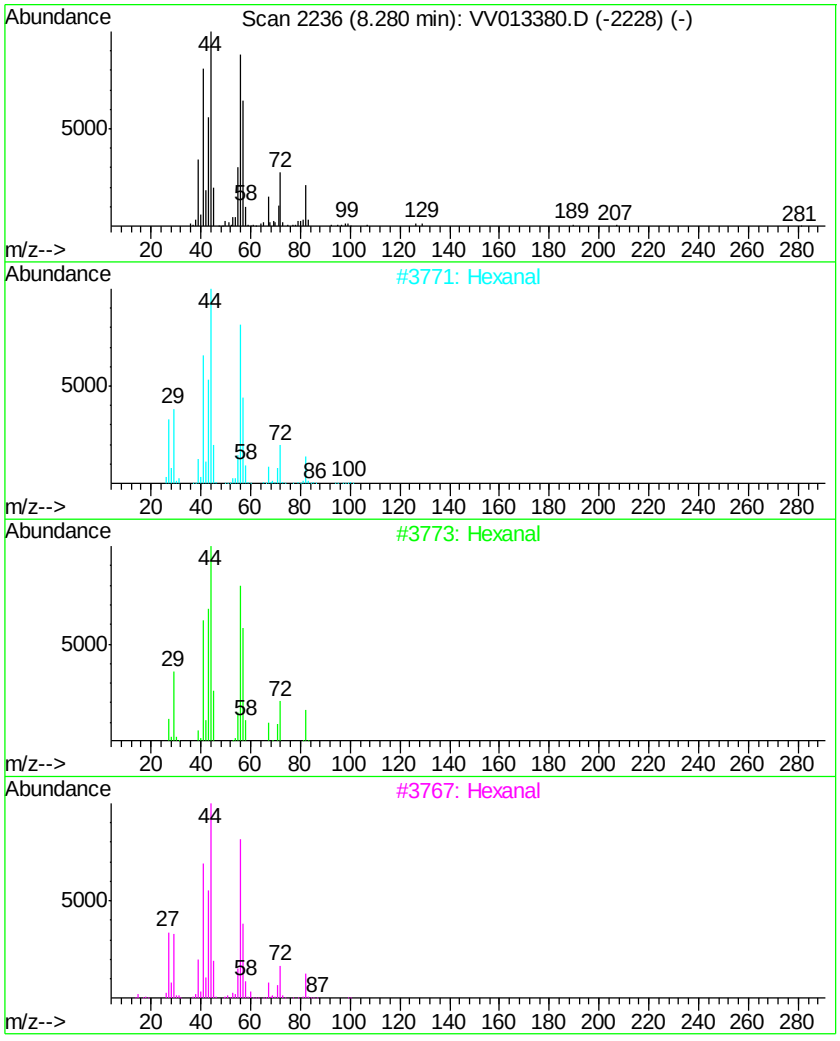
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

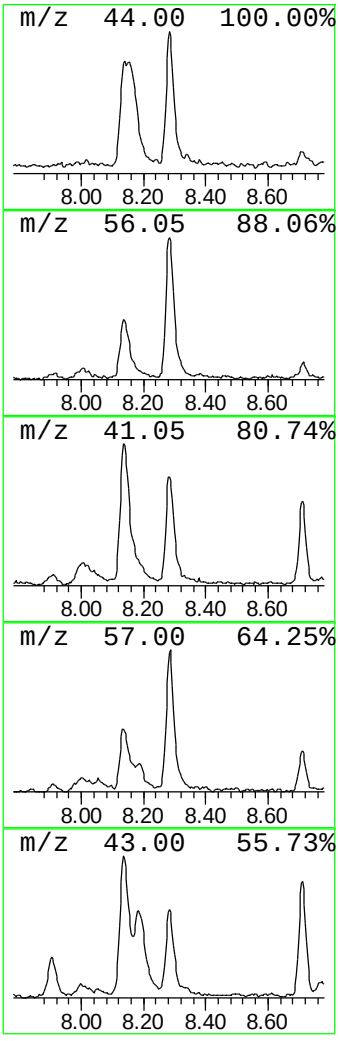
****

Peak Number 3 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	0.69 ug/L	198741	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	83
3	Hexanal	100	C6H12O	000066-25-1	83
4	Hexanal	100	C6H12O	000066-25-1	72
5	Glutaraldehyde	100	C5H8O2	000111-30-8	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102619\
Data File : VV013380.D
Acq On : 26 Oct 2019 17:52
Operator : SY/MD
Sample : K5567-09
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : JLND0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butanal	3.76	0.6	ug/L	113497	1	5.66	1024000	5.0
Hexanal	8.28	0.7	ug/L	198741	2	8.89	1440760	5.0