LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018809.D
Acq On : 09 Oct 2020 11:18
Operator : SY/MD
Sample : L4239-18
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S2

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\SOMVLM100820WMA.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	237938	235915	2.66%	0.670%
2	1.576	145	151	168	rVB	203586	229255	2.58%	0.651%
3	2.122	312	321	336	rVB	394699	578408	6.52%	1.643%
4	2.515	430	443	468	rBV	93137	212263	2.39%	0.603%
5	2.778	511	525	546	rBV	76091	153375	1.73%	0.436%
6	2.962	577	582	584	rBV2	1133	979	0.01%	0.003%
7	3.138	636	637	638	rBV	167	61	0.00%	0.000%
8	3.171	642	647	648	rBV3	436	278	0.00%	0.001%
9	3.209	655	659	660	rBV2	331	241	0.00%	0.001%
10	3.254	672	673	676	rVB2	419	116	0.00%	0.000%
11	3.267	676	677	678	rBV2	282	93	0.00%	0.000%
12	3.431	725	728	730	rBV2	292	207	0.00%	0.001%
13	3.505	745	751	752	rBV	432	305	0.00%	0.001%
14	3.566	753	770	788	rVV2	58233	152386	1.72%	0.433%
15	3.897	864	873	915	rVB	136228	356358	4.02%	1.012%
16	4.376	1005	1022	1056	rBV	274062	682808	7.70%	1.939%
17	4.701	1112	1123	1124	rBV6	1151	1493	0.02%	0.004%
18	4.788	1139	1150	1152	rBV4	3298	4895	0.06%	0.014%
19	4.868	1170	1175	1180	rBV3	488	594	0.01%	0.002%
20	4.891	1180	1182	1183	rVV	310	104	0.00%	0.000%
21	4.907	1186	1187	1191	rVB3	454	268	0.00%	0.001%
22	4.929	1191	1194	1196	rBV	360	152	0.00%	0.000%
23	4.942	1196	1198	1202	rVV3	581	394	0.00%	0.001%
24	5.071	1218	1238	1273	rBV2	669724	1742654	19.64%	4.949%
25	5.425	1345	1348	1351	rBV2	523	521	0.01%	0.001%
26	5.498	1368	1371	1373	rBV2	287	190	0.00%	0.001%
27	5.524	1377	1379	1380	rVV2	332	134	0.00%	0.000%
28	5.537	1381	1383	1388	rVB2	534	326	0.00%	0.001%
29	5.585	1393	1398	1400	rBV2	433	335	0.00%	0.001%
30	5.640	1403	1415	1443	rBV	354058	709511	8.00%	2.015%
31	5.820	1470	1471	1475	rVB2	603	357	0.00%	0.001%
32	5.929	1486	1505	1523	rBV7	18733	48103	0.54%	0.137%
33	6.029	1534	1536	1541	rVB2	531	245	0.00%	0.001%
34	6.093	1541	1556	1582	rBV	389068	789998	8.91%	2.244%

LSC Area Percent Report

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ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S2

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\SOMVLM100820WMA.M
Title : VOC Analysis

35	6.354	1635	1637	1639	rBV	420	204	0.00%	0.001%
36	6.447	1665	1666	1668	rBV	206	88	0.00%	0.000%
37	6.486	1668	1678	1692	rVB9	2277	5365	0.06%	0.015%
38	6.621	1716	1720	1723	rBV3	414	383	0.00%	0.001%
39	6.659	1723	1732	1743	rBV9	3261	6479	0.07%	0.018%
40	6.743	1756	1758	1759	rBV9	246	69	0.00%	0.000%
41	6.778	1767	1769	1771	rVB2	146	47	0.00%	0.000%
42	6.797	1771	1775	1779	rBV4	476	551	0.01%	0.002%
43	6.833	1783	1786	1788	rBV3	261	162	0.00%	0.000%
44	6.958	1823	1825	1827	rBV	183	105	0.00%	0.000%
45	7.006	1827	1840	1870	rBV	216499	399389	4.50%	1.134%
46	7.338	1932	1943	1963	rVB	787081	1337211	15.07%	3.798%
47	7.640	2027	2037	2066	rBV	147247	303743	3.42%	0.863%
48	7.910	2117	2121	2123	rBV2	543	382	0.00%	0.001%
49	8.106	2172	2182	2216	rBV	432670	802828	9.05%	2.280%
50	8.479	2291	2298	2301	rBV3	789	878	0.01%	0.002%
51	8.614	2335	2340	2342	rBV4	1267	1092	0.01%	0.003%
52	8.653	2348	2352	2353	rVB2	526	312	0.00%	0.001%
53	8.733	2375	2377	2382	rBV2	374	225	0.00%	0.001%
54	8.900	2409	2429	2463	rBV	4968179	8871181	100.00%	25.194%
55	9.366	2572	2574	2578	rVB2	534	289	0.00%	0.001%
56	9.431	2592	2594	2596	rBV3	538	313	0.00%	0.001%
57	9.460	2601	2603	2604	rBV3	452	205	0.00%	0.001%
58	9.553	2629	2632	2633	rBV	642	343	0.00%	0.001%
59	9.659	2663	2665	2667	rVB2	287	102	0.00%	0.000%
60	9.672	2667	2669	2670	rBV	269	108	0.00%	0.000%
61	9.701	2675	2678	2680	rVB2	509	291	0.00%	0.001%
62	9.723	2680	2685	2687	rBV2	754	565	0.01%	0.002%
63	9.784	2702	2704	2705	rBV2	235	105	0.00%	0.000%
64	9.846	2720	2723	2726	rBV2	351	232	0.00%	0.001%
65	9.891	2733	2737	2740	rBV2	643	447	0.01%	0.001%
66	9.955	2749	2757	2769	rVB2	9472	13996	0.16%	0.040%
67	10.055	2787	2788	2790	rBV	286	79	0.00%	0.000%
68	10.080	2794	2796	2800	rVB3	405	229	0.00%	0.001%
69	10.170	2821	2824	2826	rVB2	550	268	0.00%	0.001%
70	10.238	2833	2845	2862	rBV	477080	745584	8.40%	2.117%
71	10.376	2879	2888	2903	rBV2	14212	26596	0.30%	0.076%

LSC Area Percent Report

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ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S2

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\SOMVLM100820WMA.M
Title : VOC Analysis

72	10.534	2935	2937	2938	rBV	241	103	0.00%	0.000%
73	10.939	3056	3063	3077	rVB4	3501	5119	0.06%	0.015%
74	11.003	3077	3083	3084	rBV2	394	316	0.00%	0.001%
75	11.038	3090	3094	3099	rBV6	1160	1435	0.02%	0.004%
76	11.080	3100	3107	3110	rBV3	4218	5465	0.06%	0.016%
77	11.202	3131	3145	3157	rBV	2677724	4086907	46.07%	11.607%
78	11.292	3157	3173	3199	rVB2	4991358	8394276	94.62%	23.840%
79	11.553	3243	3254	3271	rBV3	92329	207287	2.34%	0.589%
80	11.646	3271	3283	3305	rVB	889709	1492805	16.83%	4.240%
81	11.961	3379	3381	3383	rBV2	513	275	0.00%	0.001%
82	12.006	3389	3395	3399	rBV5	1505	1925	0.02%	0.005%
83	12.071	3408	3415	3426	rVB3	13812	20001	0.23%	0.057%
84	12.138	3430	3436	3443	rBV2	7806	10553	0.12%	0.030%
85	12.575	3563	3572	3586	rVB4	15851	26964	0.30%	0.077%
86	12.672	3593	3602	3618	rBV6	17731	39488	0.45%	0.112%
87	12.823	3647	3649	3651	rBV3	539	233	0.00%	0.001%
88	12.907	3666	3675	3688	rVB	88621	135583	1.53%	0.385%
89	13.045	3708	3718	3721	rBV6	2194	3373	0.04%	0.010%
90	13.186	3756	3762	3770	rBV6	7786	11739	0.13%	0.033%
91	13.283	3781	3792	3807	rBV	1512401	2252701	25.39%	6.398%
92	13.636	3893	3902	3913	rBV5	10816	18240	0.21%	0.052%
93	13.701	3919	3922	3923	rBV2	1442	795	0.01%	0.002%
94	13.932	3987	3994	4008	rVB2	12115	19378	0.22%	0.055%
95	14.115	4043	4051	4064	rVB3	7488	14472	0.16%	0.041%
96	14.456	4148	4157	4171	rVB3	15808	26781	0.30%	0.076%
97	15.530	4484	4491	4504	rBV6	6470	11196	0.13%	0.032%

Sum of corrected areas: 35211178

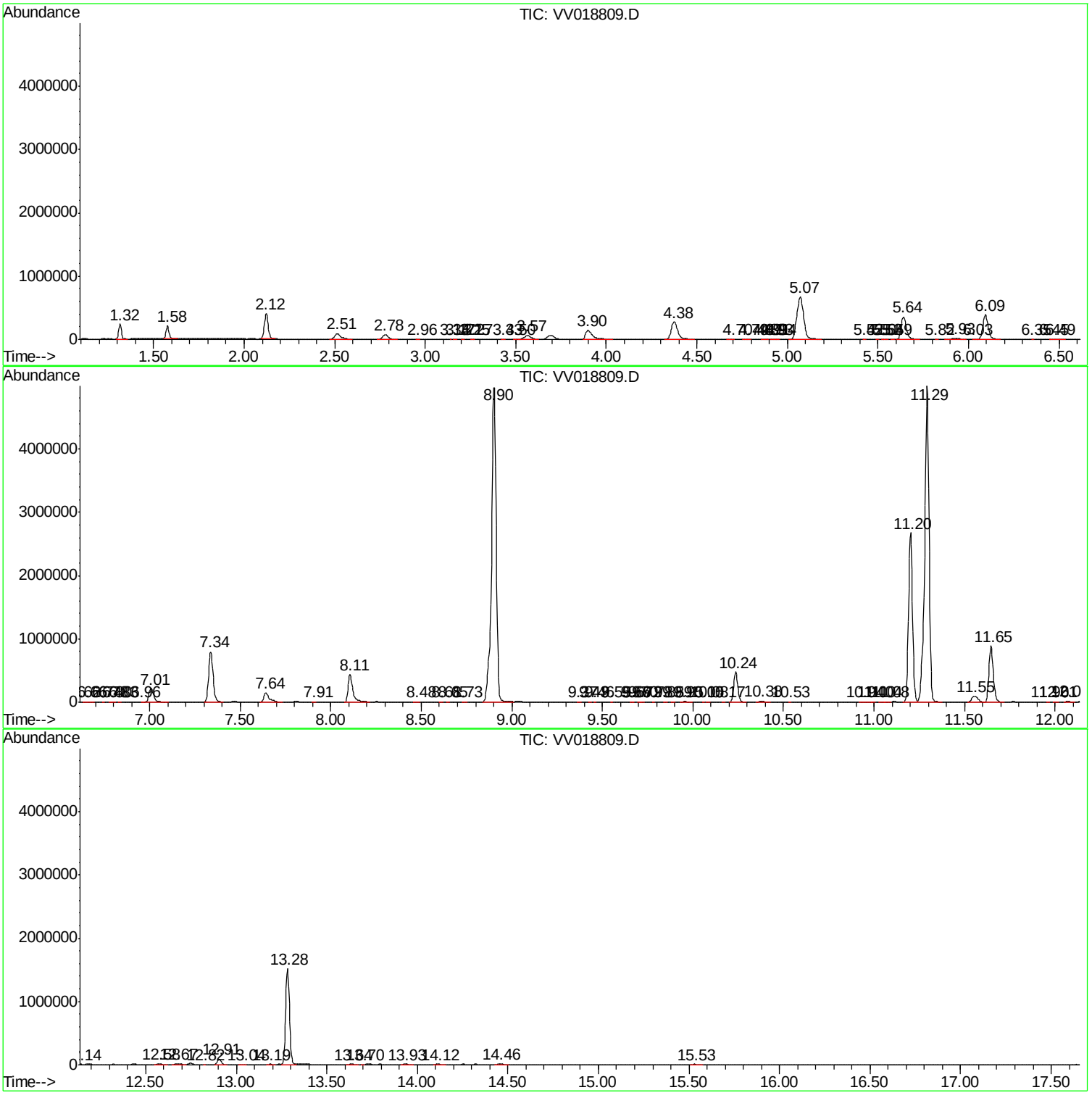
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018809.D
Acq On : 09 Oct 2020 11:18
Operator : SY/MD
Sample : L4239-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.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_V\DATA\VV100920\
Data File : VV018809.D
Acq On : 09 Oct 2020 11:18
Operator : SY/MD
Sample : L4239-18
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S2

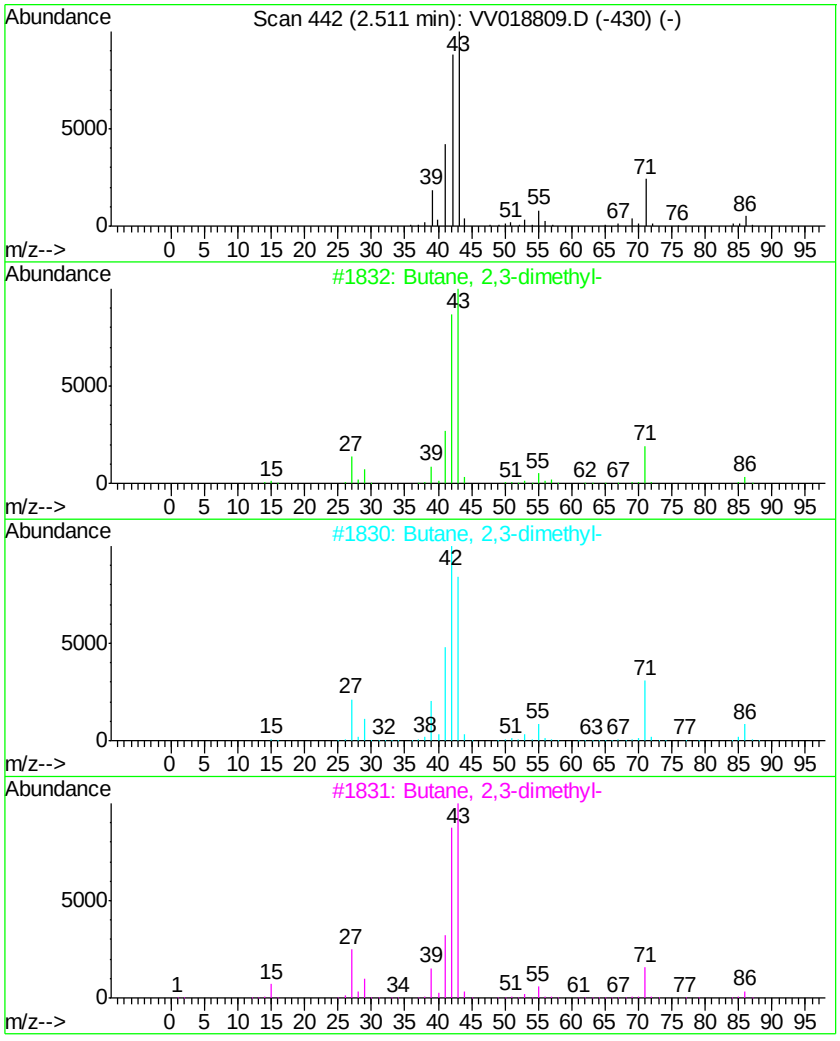
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

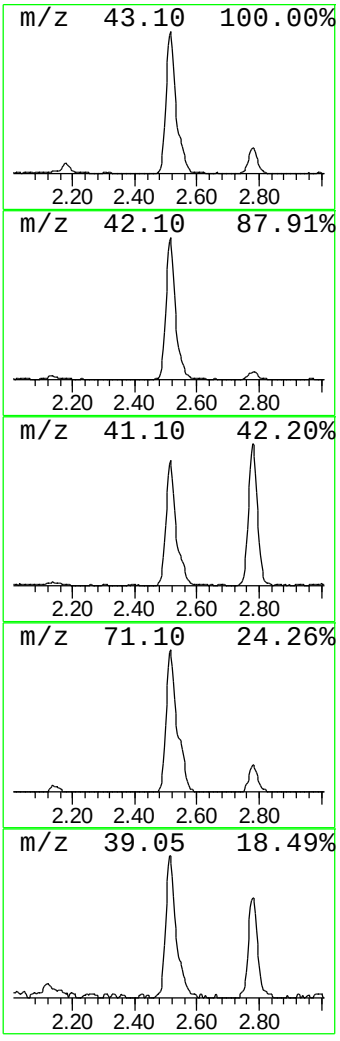
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.51	14.96 ug/L	212263	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	83
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	47
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	46





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
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Acq On : 09 Oct 2020 11:18
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

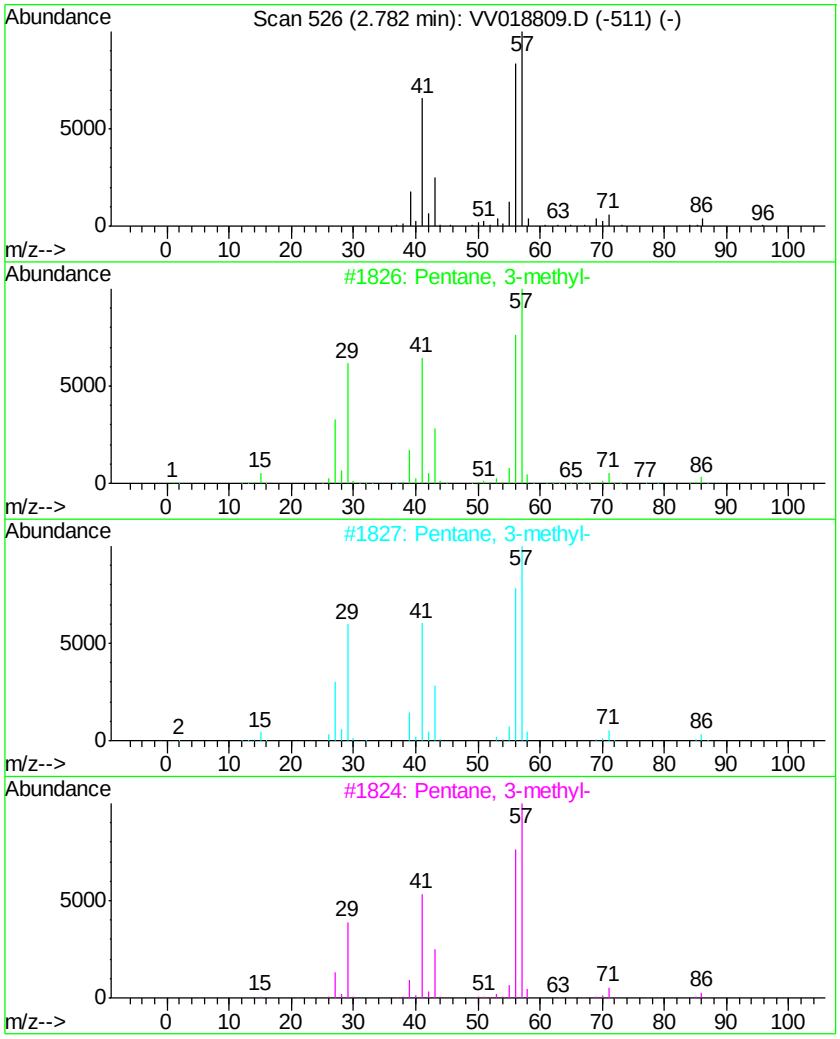
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

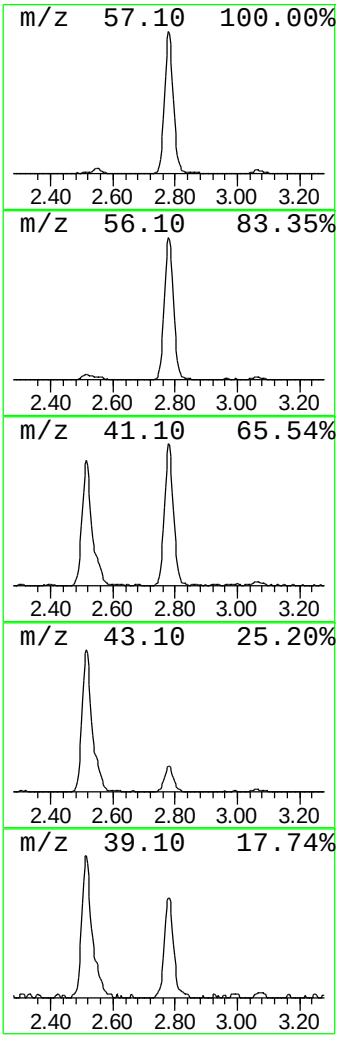
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	10.81 ug/L	153375	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	83
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64





Library Search Compound Report

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ClientSampleId : BG3S2

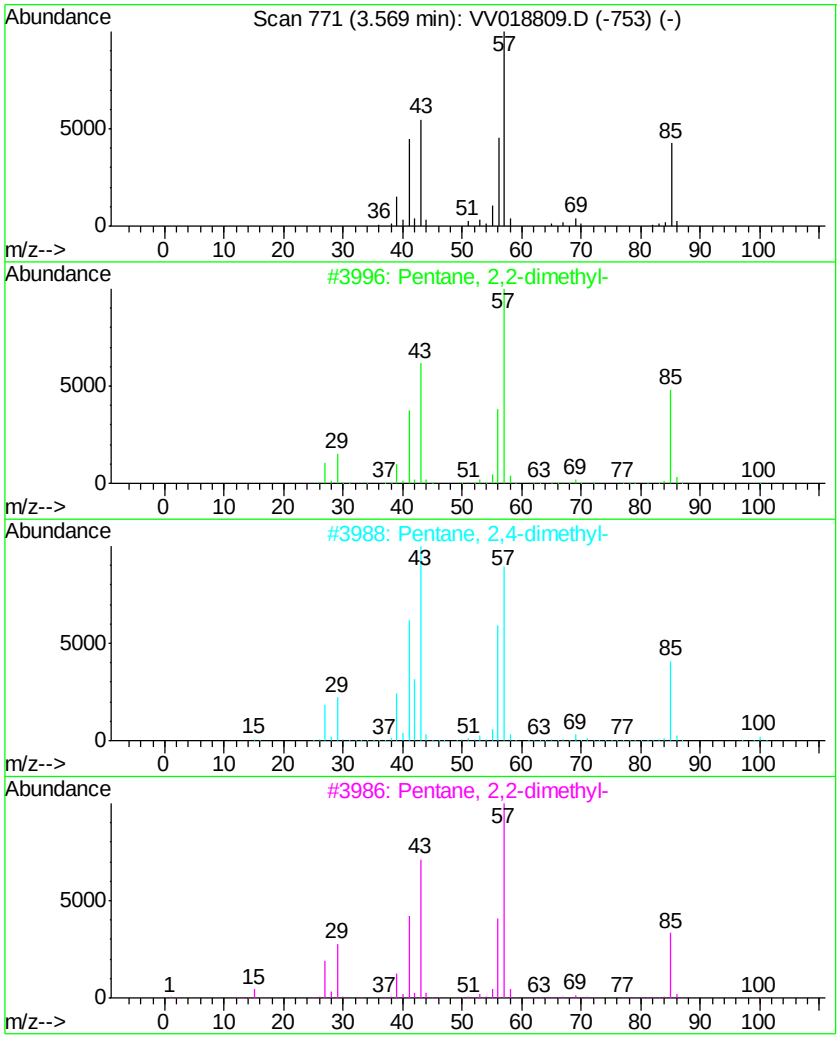
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

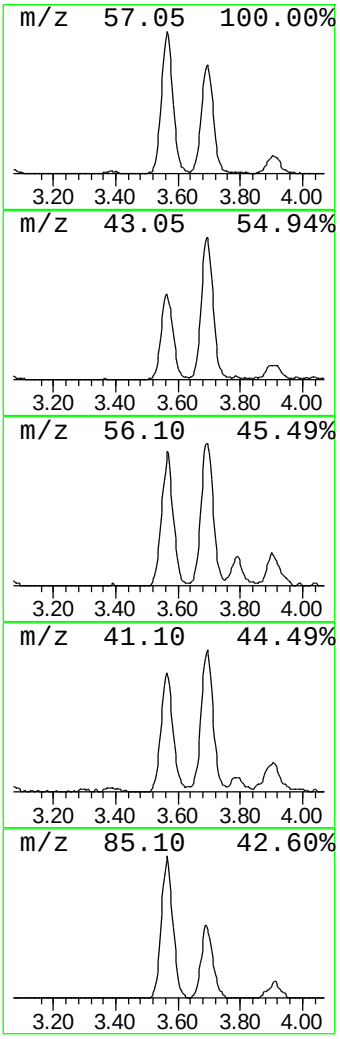
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	10.74 ug/L	152386	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	78





Library Search Compound Report

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ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

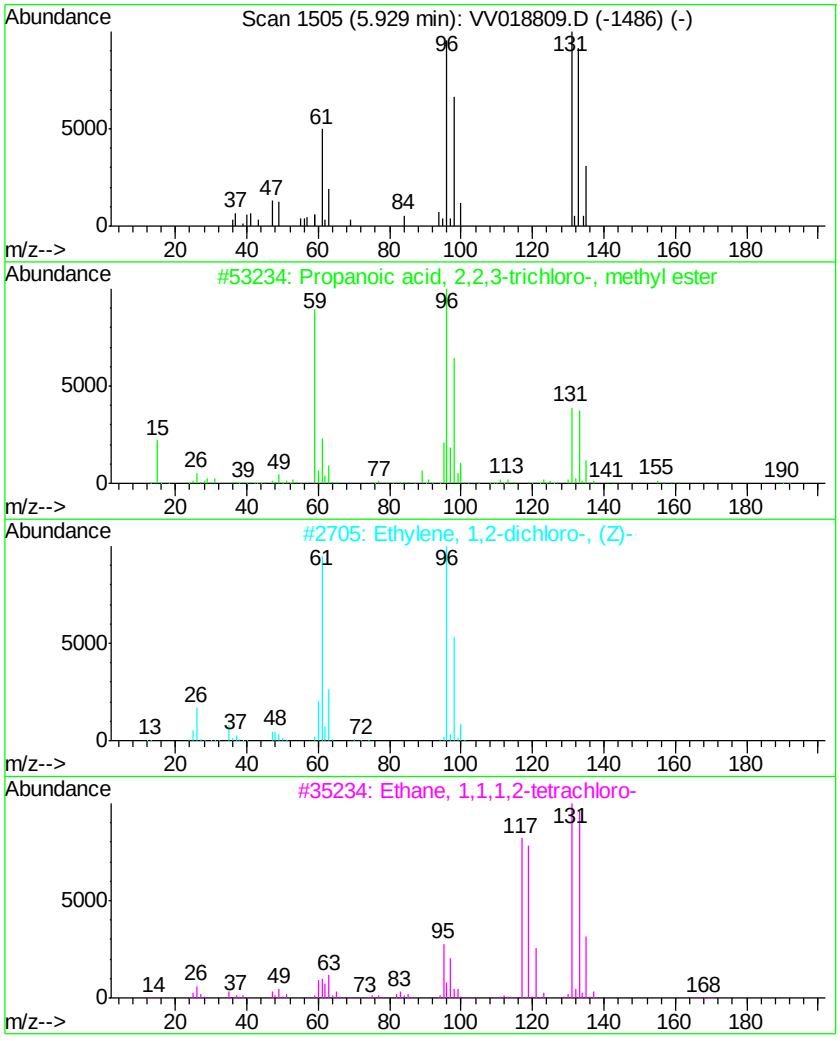
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

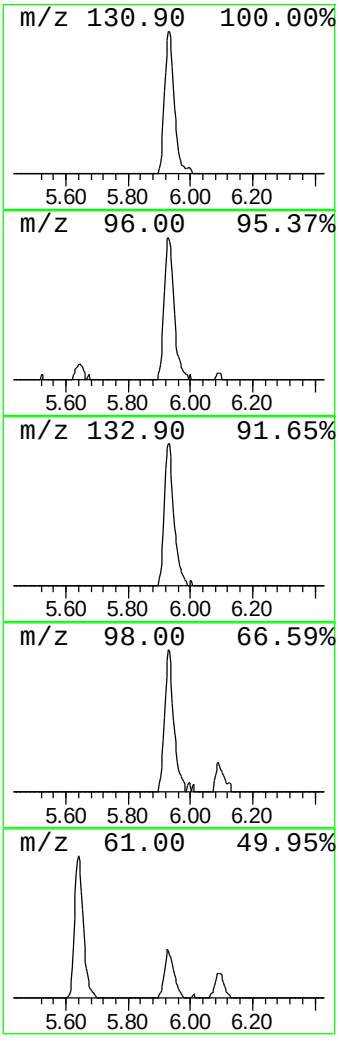
****

Peak Number 4 Propanoic acid, 2,2,3-trich... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.39 ug/L	48103	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	50
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	38
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35
5	Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	27





Tentatively Identified Compound (LSC) summary

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ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.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
(DEL) Alkane: Str...	2.51	15.0	ug/L	212263	1	5.64	709511	50.0
(DEL) Alkane: Str...	2.78	10.8	ug/L	153375	1	5.64	709511	50.0
(DEL) Alkane: Str...	3.57	10.7	ug/L	152386	1	5.64	709511	50.0
Propanoic acid, 2...	5.93	3.4	ug/L	48103	1	5.64	709511	50.0