LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
Data File : VV010429.D
Acq On : 22 Apr 2019 23:28
Operator : SY/MD
Sample : K2456-17
Misc : 5.02G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

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\SOM2VLM042219S.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	1.209	33	37	50	rVB2	34319	38415	3.22%	0.338%
2	1.319	66	71	84	rVB	138755	142245	11.93%	1.253%
3	1.573	144	150	166	rVB	116186	142057	11.91%	1.251%
4	2.126	313	322	334	rBV	266686	373297	31.30%	3.288%
5	2.537	440	450	463	rBV3	42071	67866	5.69%	0.598%
6	2.727	506	509	511	rBV2	467	297	0.02%	0.003%
7	2.814	533	536	540	rBV2	561	466	0.04%	0.004%
8	2.965	579	583	587	rBV2	485	399	0.03%	0.004%
9	3.074	606	617	631	rBV7	7573	15277	1.28%	0.135%
10	3.274	675	679	683	rBV2	652	538	0.05%	0.005%
11	3.296	684	686	691	rVB2	824	479	0.04%	0.004%
12	3.717	812	817	820	rBV2	539	399	0.03%	0.004%
13	3.862	860	862	866	rVB2	515	293	0.02%	0.003%
14	3.888	866	870	872	rBV2	430	370	0.03%	0.003%
15	3.933	872	884	899	rBV2	36901	90518	7.59%	0.797%
16	4.257	982	985	989	rVB	494	370	0.03%	0.003%
17	4.331	1004	1008	1011	rBV2	417	368	0.03%	0.003%
18	4.402	1012	1030	1063	rBV2	201052	518395	43.46%	4.566%
19	4.563	1078	1080	1083	rVB2	826	455	0.04%	0.004%
20	4.605	1091	1093	1099	rVB3	603	374	0.03%	0.003%
21	4.701	1121	1123	1125	rBV2	636	373	0.03%	0.003%
22	4.778	1143	1147	1148	rBV2	325	290	0.02%	0.003%
23	4.894	1180	1183	1187	rBV2	1017	623	0.05%	0.005%
24	4.968	1203	1206	1209	rVV2	550	352	0.03%	0.003%
25	5.093	1227	1245	1276	rBV2	452186	1148129	96.26%	10.113%
26	5.415	1340	1345	1347	rBV3	428	452	0.04%	0.004%
27	5.479	1360	1365	1367	rBV3	546	491	0.04%	0.004%
28	5.563	1387	1391	1393	rBV2	697	489	0.04%	0.004%
29	5.663	1408	1422	1460	rBV	460337	949551	79.61%	8.364%
30	5.946	1501	1510	1527	rVB8	4673	9586	0.80%	0.084%
31	6.116	1547	1563	1589	rBV	269350	553484	46.40%	4.875%
32	6.392	1642	1649	1650	rBV3	587	582	0.05%	0.005%
33	6.553	1696	1699	1703	rBV2	409	316	0.03%	0.003%
34	6.643	1723	1727	1728	rBV2	542	424	0.04%	0.004%

LSC Area Percent Report

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Misc : 5.02G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

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\SOM2VLM042219S.M
Title : VOC Analysis

35	6.765	1762	1765	1768	rBV2	663	358	0.03%	0.003%
36	6.820	1773	1782	1791	rVB8	4801	8457	0.71%	0.074%
37	6.875	1796	1799	1803	rVB3	633	461	0.04%	0.004%
38	7.029	1835	1847	1866	rBV2	142424	255269	21.40%	2.249%
39	7.306	1927	1933	1937	rBV7	1714	2290	0.19%	0.020%
40	7.360	1938	1950	1969	rBV	547494	969049	81.25%	8.536%
41	7.601	2023	2025	2028	rBV	513	355	0.03%	0.003%
42	7.662	2032	2044	2061	rBV	92832	159730	13.39%	1.407%
43	7.775	2077	2079	2082	rBV2	558	345	0.03%	0.003%
44	7.801	2084	2087	2088	rBV2	837	325	0.03%	0.003%
45	8.058	2165	2167	2169	rBV2	510	257	0.02%	0.002%
46	8.132	2178	2190	2210	rBV	132554	236754	19.85%	2.085%
47	8.421	2277	2280	2282	rVV	571	328	0.03%	0.003%
48	8.466	2291	2294	2297	rVB2	500	360	0.03%	0.003%
49	8.492	2298	2302	2304	rBV2	394	308	0.03%	0.003%
50	8.579	2325	2329	2332	rBV	555	409	0.03%	0.004%
51	8.637	2343	2347	2349	rBV2	577	441	0.04%	0.004%
52	8.814	2399	2402	2404	rBV2	377	262	0.02%	0.002%
53	8.894	2415	2427	2453	rBV	699074	1192734	100.00%	10.506%
54	9.039	2469	2472	2473	rBV2	701	302	0.03%	0.003%
55	9.325	2559	2561	2565	rBV2	329	269	0.02%	0.002%
56	9.376	2575	2577	2581	rVB2	473	332	0.03%	0.003%
57	9.399	2581	2584	2586	rBV	363	264	0.02%	0.002%
58	9.482	2608	2610	2616	rVB	452	280	0.02%	0.002%
59	9.566	2632	2636	2638	rBV	474	394	0.03%	0.003%
60	9.579	2638	2640	2643	rVV3	670	337	0.03%	0.003%
61	9.752	2692	2694	2698	rVB	473	323	0.03%	0.003%
62	9.781	2698	2703	2704	rBV2	430	349	0.03%	0.003%
63	9.817	2710	2714	2718	rBV	357	258	0.02%	0.002%
64	9.836	2718	2720	2722	rBV	588	267	0.02%	0.002%
65	9.868	2727	2730	2732	rVB3	621	339	0.03%	0.003%
66	9.929	2746	2749	2751	rBV	499	322	0.03%	0.003%
67	9.949	2751	2755	2759	rVB4	957	1014	0.09%	0.009%
68	10.071	2789	2793	2798	rBV2	574	426	0.04%	0.004%
69	10.096	2798	2801	2803	rBV2	446	350	0.03%	0.003%
70	10.183	2824	2828	2830	rBV3	568	428	0.04%	0.004%
71	10.260	2840	2852	2870	rBV	247419	395911	33.19%	3.487%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Title : VOC Analysis

72	10.379	2885	2889	2891	rBV	578	456	0.04%	0.004%
73	10.424	2895	2903	2916	rVB5	8356	15768	1.32%	0.139%
74	10.495	2917	2925	2926	rBV3	1098	1124	0.09%	0.010%
75	10.720	2991	2995	2998	rBV	589	417	0.03%	0.004%
76	10.775	3008	3012	3014	rBV	1089	815	0.07%	0.007%
77	10.961	3063	3070	3082	rVB3	6248	9943	0.83%	0.088%
78	11.035	3088	3093	3103	rVB3	4195	4702	0.39%	0.041%
79	11.190	3136	3141	3143	rBV3	1853	1679	0.14%	0.015%
80	11.228	3151	3153	3154	rBV	978	412	0.03%	0.004%
81	11.293	3161	3173	3191	rBV	722026	1183531	99.23%	10.425%
82	11.440	3213	3219	3224	rBV6	2279	2301	0.19%	0.020%
83	11.576	3255	3261	3268	rBV8	3009	4529	0.38%	0.040%
84	11.672	3279	3291	3307	rBV	639665	1010892	84.75%	8.905%
85	11.965	3371	3382	3383	rBV7	3070	4302	0.36%	0.038%
86	12.035	3398	3404	3408	rBV5	2164	3211	0.27%	0.028%
87	12.167	3441	3445	3449	rVB5	1689	1334	0.11%	0.012%
88	12.241	3460	3468	3478	rBV5	22217	32325	2.71%	0.285%
89	12.296	3478	3485	3495	rVB7	10929	17616	1.48%	0.155%
90	12.460	3527	3536	3544	rBV2	11819	18667	1.57%	0.164%
91	12.511	3545	3552	3566	rVB2	18625	29511	2.47%	0.260%
92	12.569	3566	3570	3574	rBV6	2534	2637	0.22%	0.023%
93	12.775	3629	3634	3642	rVB7	3810	5512	0.46%	0.049%
94	13.100	3725	3735	3751	rVB2	45529	81475	6.83%	0.718%
95	13.183	3755	3761	3767	rBV5	6622	9377	0.79%	0.083%
96	14.148	4051	4061	4068	rBV8	16253	28935	2.43%	0.255%
97	14.685	4217	4228	4239	rBV	156761	247768	20.77%	2.182%
98	14.868	4273	4285	4299	rBV	556813	895777	75.10%	7.891%
99	15.717	4540	4549	4566	rBV2	110706	197346	16.55%	1.738%
100	15.865	4586	4595	4601	rBV2	164496	251554	21.09%	2.216%

Sum of corrected areas: 11352593

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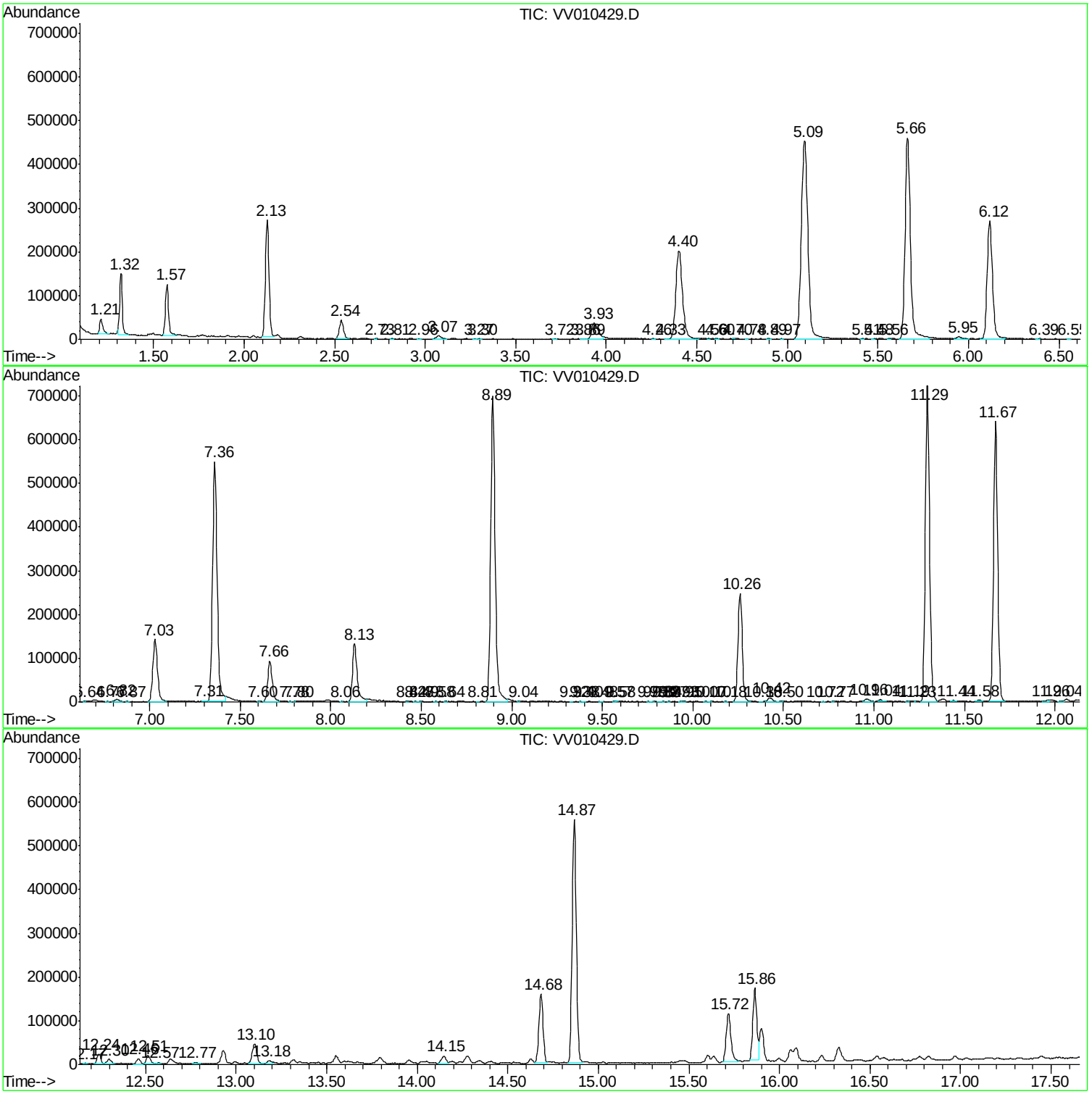
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.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\VV042219\
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Instrument : MSVOA_V
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis

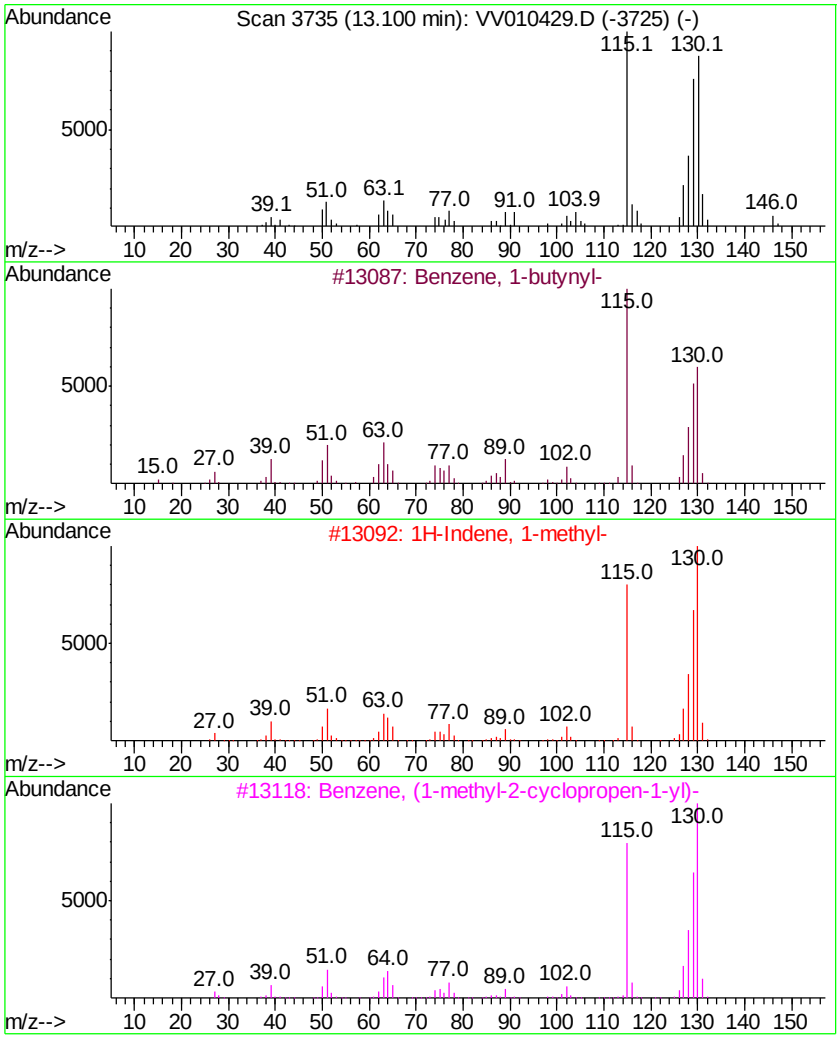
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

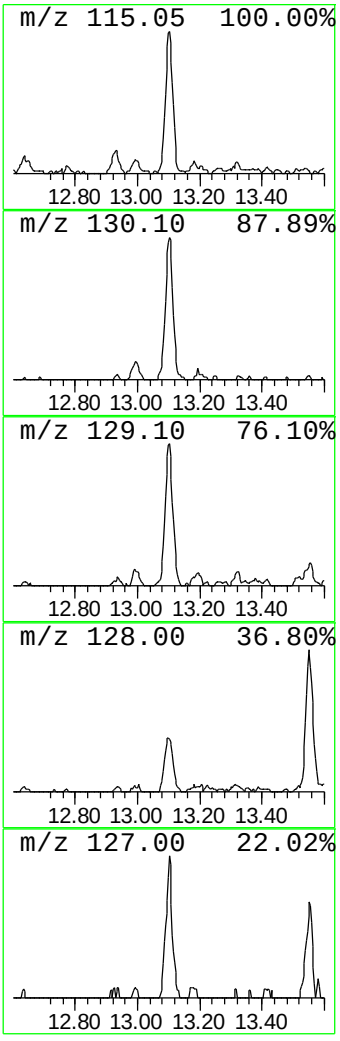
****

Peak Number 2 Benzene, 1-butynyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	1.72 ug/L	81475	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
4	2-Methylindene	130	C10H10	002177-47-1	91
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042219\
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Acq On : 22 Apr 2019 23:28
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis

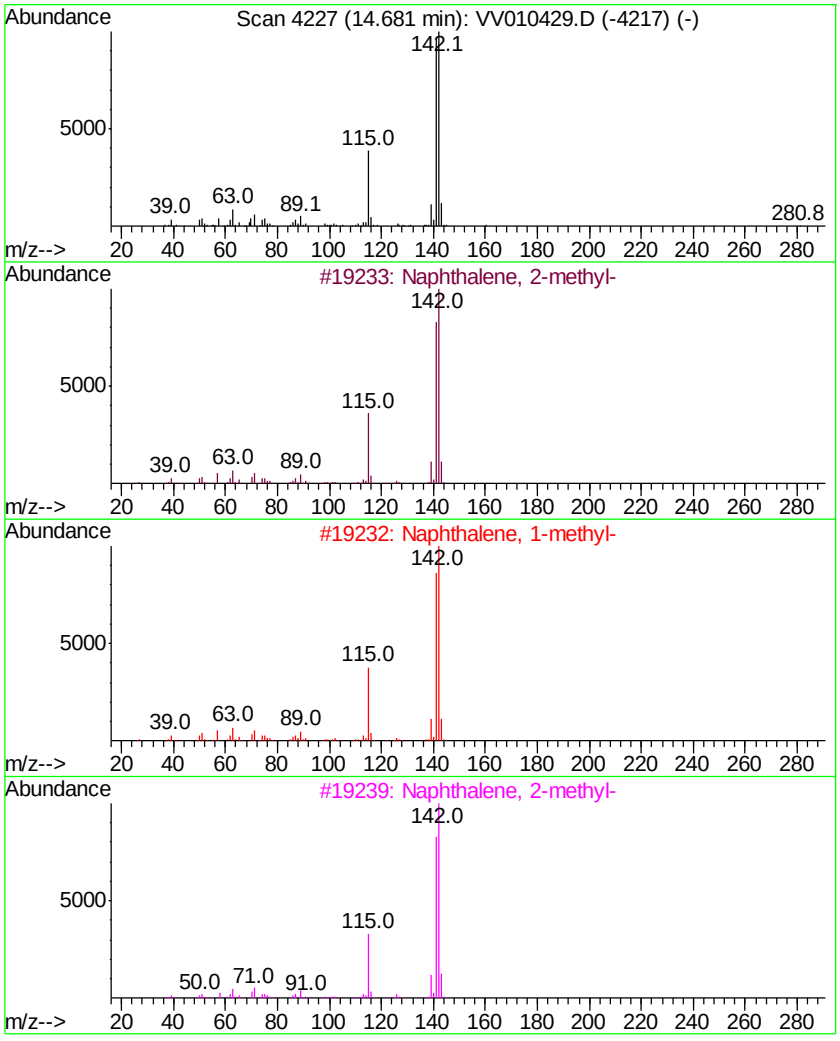
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

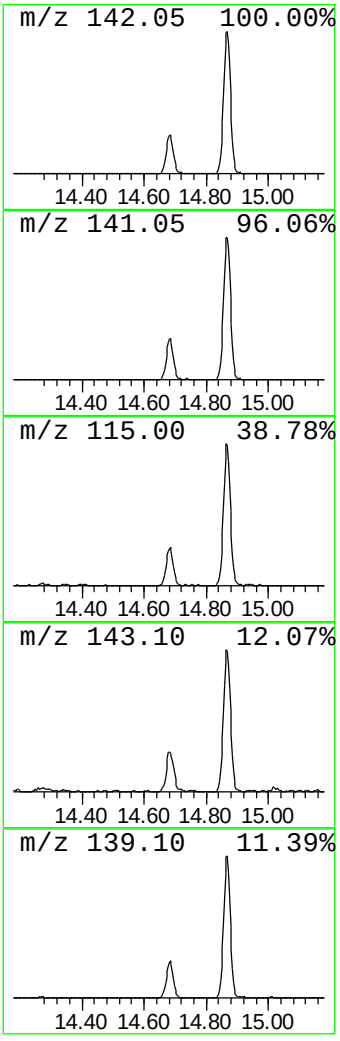
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	5.23 ug/L	247768	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	94





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis

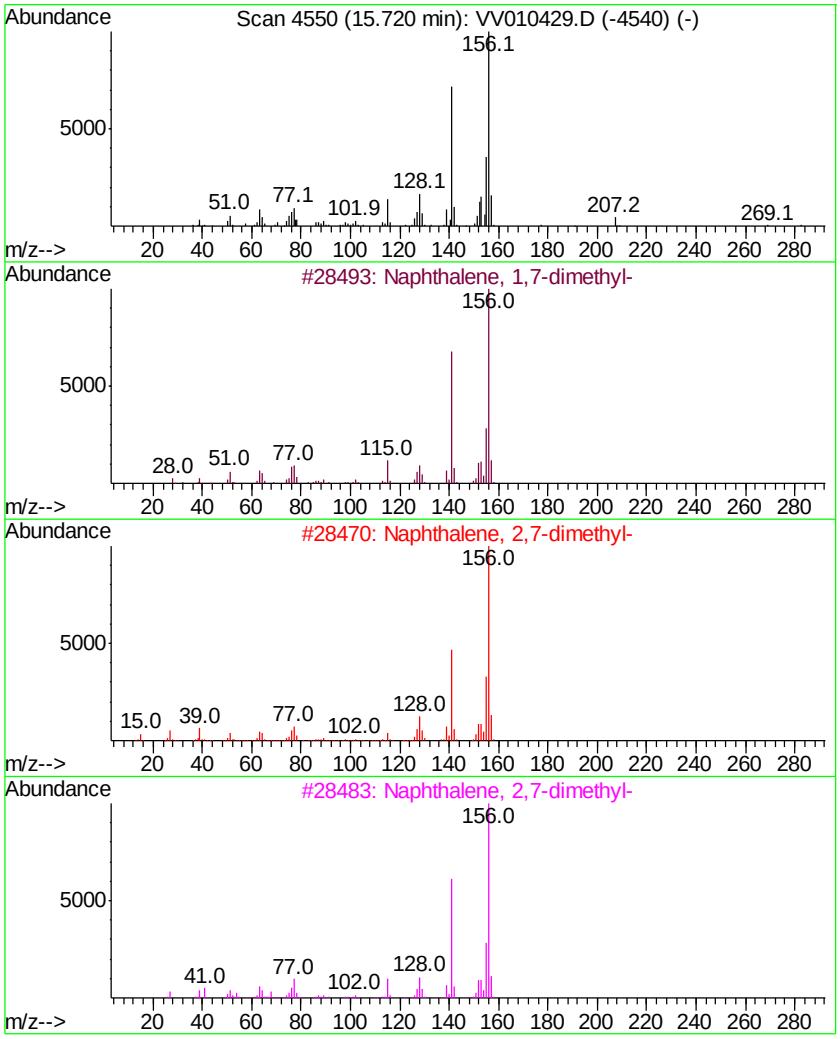
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

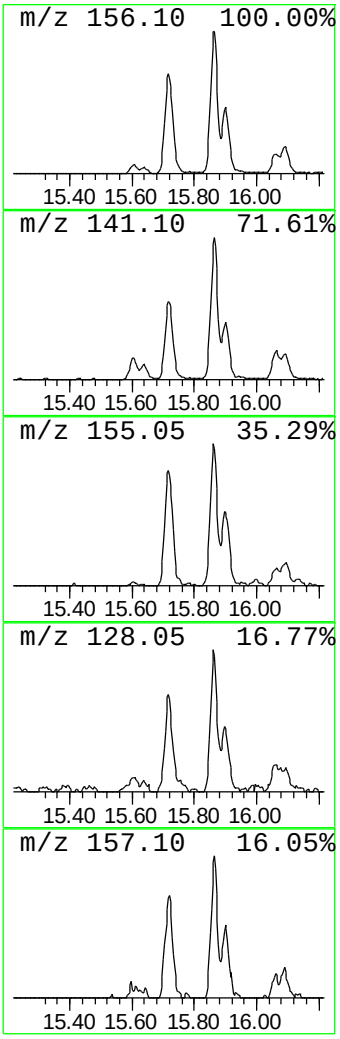
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	4.17 ug/L	197346	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 22 Apr 2019 23:28
Operator : SY/MD
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Misc : 5.02G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis

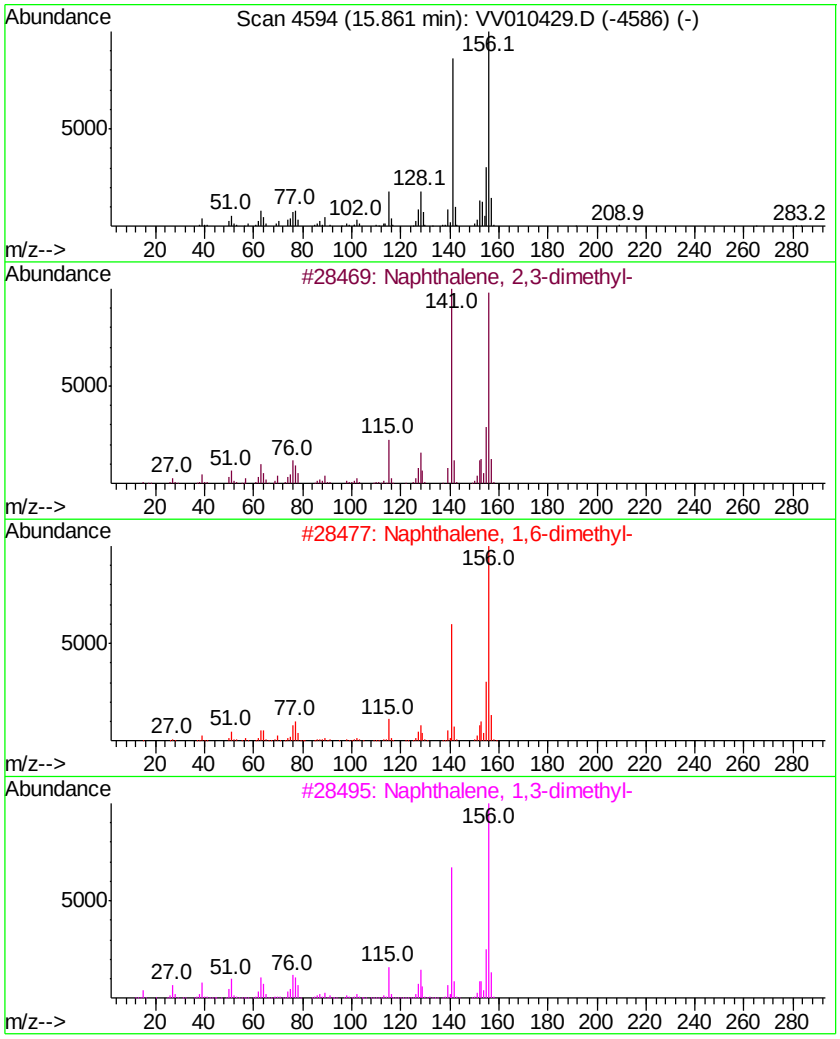
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

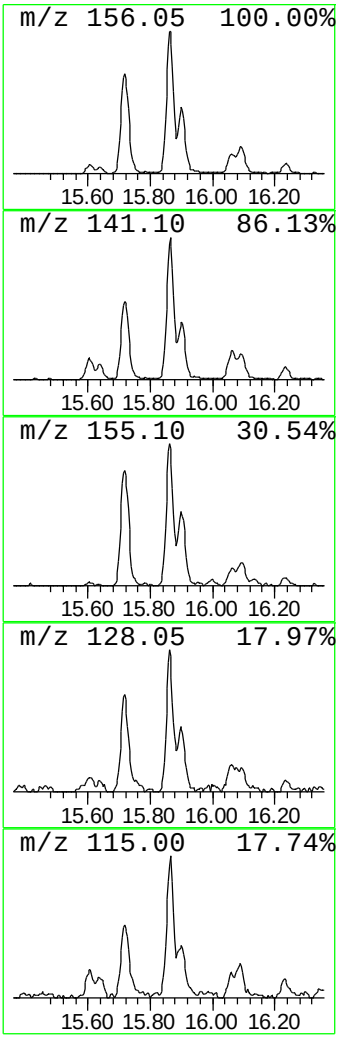
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	5.31 ug/L	251554	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Tentatively Identified Compound (LSC) summary

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAHN7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.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
Benzene, 1-butynyl-	13.10	1.7	ug/L	81475	3	11.30	1183530	25.0
Naphthalene, 1-me...	14.68	5.2	ug/L	247768	3	11.30	1183530	25.0
Naphthalene, 1,7-...	15.72	4.2	ug/L	197346	3	11.30	1183530	25.0
Naphthalene, 2,3-...	15.86	5.3	ug/L	251554	3	11.30	1183530	25.0