LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

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\SOMVLM090920WMA.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	86	rVB	220507	220713	11.15%	1.059%
2	1.579	144	152	167	rBV	171887	195344	9.87%	0.937%
3	2.123	310	321	356	rVB	358006	549697	27.77%	2.637%
4	2.547	435	453	467	rVV4	9564	21281	1.08%	0.102%
5	2.778	513	525	541	rVB	14754	30030	1.52%	0.144%
6	3.061	600	613	637	rVV	68461	137355	6.94%	0.659%
7	3.563	753	769	783	rVV4	3576	9295	0.47%	0.045%
8	3.692	793	809	825	rBV6	2658	7019	0.35%	0.034%
9	3.791	825	840	858	rVB3	2931	7202	0.36%	0.035%
10	3.917	866	879	920	rBV	91316	297916	15.05%	1.429%
11	4.373	1004	1021	1050	rBV	220503	536874	27.12%	2.575%
12	4.695	1116	1121	1132	rVB5	953	1725	0.09%	0.008%
13	5.071	1220	1238	1268	rBV2	558713	1424196	71.95%	6.832%
14	5.518	1370	1377	1384	rVB3	953	1164	0.06%	0.006%
15	5.640	1395	1415	1442	rBV	446827	888132	44.87%	4.260%
16	5.929	1494	1505	1528	rVB3	12241	26426	1.33%	0.127%
17	6.093	1542	1556	1582	rBV	311515	625599	31.60%	3.001%
18	6.679	1728	1738	1747	rVV3	3017	5881	0.30%	0.028%
19	6.798	1764	1775	1786	rBV4	4518	8965	0.45%	0.043%
20	6.855	1788	1793	1803	rVB3	1209	1871	0.09%	0.009%
21	6.942	1810	1820	1827	rBV5	3022	5399	0.27%	0.026%
22	7.007	1829	1840	1863	rVV	184582	328156	16.58%	1.574%
23	7.103	1864	1870	1878	rVB8	2660	4550	0.23%	0.022%
24	7.280	1913	1925	1932	rBV3	12130	22555	1.14%	0.108%
25	7.338	1932	1943	1960	rVV	692356	1171140	59.16%	5.618%
26	7.589	2013	2021	2028	rBV3	8457	12995	0.66%	0.062%
27	7.640	2028	2037	2073	rVB	130997	227931	11.51%	1.093%
28	7.804	2085	2088	2095	rVB3	779	827	0.04%	0.004%
29	7.897	2109	2117	2136	rVB3	3389	5867	0.30%	0.028%
30	7.997	2143	2148	2154	rVB2	807	1033	0.05%	0.005%
31	8.106	2172	2182	2215	rBV	318128	577958	29.20%	2.773%
32	8.312	2240	2246	2256	rVB5	2317	3592	0.18%	0.017%
33	8.370	2259	2264	2275	rVB4	2024	2928	0.15%	0.014%
34	8.434	2280	2284	2289	rVV2	1105	1150	0.06%	0.006%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

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\SOMVLM090920WMA.M
Title : VOC Analysis

35	8.592	2324	2333	2335	rBV4	2293	2772	0.14%	0.013%
36	8.688	2355	2363	2372	rVB5	5328	9018	0.46%	0.043%
37	8.810	2392	2401	2408	rBV2	4323	6405	0.32%	0.031%
38	8.871	2408	2420	2447	rBV	673444	1093615	55.25%	5.246%
39	9.032	2464	2470	2482	rVB6	5278	8746	0.44%	0.042%
40	9.125	2494	2499	2502	rBV5	1020	1252	0.06%	0.006%
41	9.164	2502	2511	2521	rVV2	18390	33340	1.68%	0.160%
42	9.225	2521	2530	2547	rVB2	24339	42446	2.14%	0.204%
43	9.434	2588	2595	2596	rBV3	469	549	0.03%	0.003%
44	9.495	2607	2614	2623	rVB4	7442	11848	0.60%	0.057%
45	9.569	2629	2637	2642	rBV2	8761	13318	0.67%	0.064%
46	9.650	2657	2662	2669	rVB7	2054	2765	0.14%	0.013%
47	9.695	2669	2676	2679	rBV4	3115	4088	0.21%	0.020%
48	9.730	2681	2687	2697	rVB4	11214	15895	0.80%	0.076%
49	9.820	2697	2715	2724	rBV6	12482	27794	1.40%	0.133%
50	9.952	2741	2756	2765	rBV2	8266	16629	0.84%	0.080%
51	9.997	2765	2770	2775	rBV5	2054	2663	0.13%	0.013%
52	10.039	2775	2783	2791	rBV4	8683	12957	0.65%	0.062%
53	10.142	2809	2815	2826	rVB2	29905	50108	2.53%	0.240%
54	10.235	2830	2844	2863	rBV	420918	674454	34.07%	3.235%
55	10.376	2880	2888	2906	rVB	72407	113845	5.75%	0.546%
56	10.469	2907	2917	2933	rVV	242495	538888	27.22%	2.585%
57	10.559	2937	2945	2952	rVV	181654	288952	14.60%	1.386%
58	10.598	2952	2957	2978	rVB	119378	178103	9.00%	0.854%
59	10.714	2985	2993	3000	rBV	70566	103677	5.24%	0.497%
60	10.759	3000	3007	3024	rVB	80735	135287	6.83%	0.649%
61	10.897	3044	3050	3052	rBV3	23537	24191	1.22%	0.116%
62	10.936	3053	3062	3086	rVB	475914	748555	37.82%	3.591%
63	11.077	3089	3106	3111	rBV3	33165	77788	3.93%	0.373%
64	11.170	3127	3135	3142	rBV5	31121	49804	2.52%	0.239%
65	11.215	3143	3149	3156	rVB	36346	48127	2.43%	0.231%
66	11.270	3156	3166	3178	rBV	758444	1173304	59.27%	5.628%
67	11.357	3185	3193	3200	rBV	104507	146579	7.40%	0.703%
68	11.485	3227	3233	3241	rVB3	27986	37748	1.91%	0.181%
69	11.595	3262	3267	3274	rVB	219020	274306	13.86%	1.316%
70	11.646	3274	3283	3303	rVB4	984364	1979503	100.00%	9.496%
71	11.810	3326	3334	3339	rBV	151778	208401	10.53%	1.000%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

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\SOMVLM090920WMA.M
Title : VOC Analysis

72	11.932	3362	3372	3376	rBV	182613	262108	13.24%	1.257%
73	12.035	3395	3404	3427	rVB	387647	605506	30.59%	2.905%
74	12.177	3431	3448	3466	rVB5	65970	185949	9.39%	0.892%
75	12.276	3466	3479	3488	rBV8	42815	95526	4.83%	0.458%
76	12.338	3489	3498	3507	rVB	74609	114307	5.77%	0.548%
77	12.399	3507	3517	3519	rBV4	32256	48758	2.46%	0.234%
78	12.434	3520	3528	3536	rVB	267177	372881	18.84%	1.789%
79	12.485	3536	3544	3562	rVB	423959	645852	32.63%	3.098%
80	12.572	3563	3571	3576	rBV	76762	108890	5.50%	0.522%
81	12.608	3577	3582	3586	rBV	55736	66150	3.34%	0.317%
82	12.746	3617	3625	3638	rVB	154279	227238	11.48%	1.090%
83	12.817	3638	3647	3654	rBV2	65124	95585	4.83%	0.459%
84	12.871	3655	3664	3667	rVV3	92488	141569	7.15%	0.679%
85	12.903	3669	3674	3702	rVB6	260073	599620	30.29%	2.876%
86	13.022	3702	3711	3719	rBV	140028	202362	10.22%	0.971%
87	13.186	3754	3762	3771	rBV	29672	47799	2.41%	0.229%
88	13.293	3785	3795	3800	rBV2	180589	286811	14.49%	1.376%
89	13.421	3828	3835	3847	rVB	100921	145733	7.36%	0.699%
90	13.489	3848	3856	3859	rBV2	25732	37261	1.88%	0.179%
91	13.524	3859	3867	3877	rVB	220746	328809	16.61%	1.577%
92	13.746	3924	3936	3945	rBV3	37409	92714	4.68%	0.445%
93	13.929	3984	3993	4008	rVB3	83455	139267	7.04%	0.668%
94	14.116	4041	4051	4074	rVB4	41013	100532	5.08%	0.482%
95	14.257	4086	4095	4105	rBV	41378	65249	3.30%	0.313%
96	14.656	4210	4219	4250	rVB	80323	150401	7.60%	0.721%
97	14.842	4270	4277	4292	rVB2	24855	53072	2.68%	0.255%
98	15.582	4502	4507	4512	rBV3	7981	10537	0.53%	0.051%
99	15.694	4533	4542	4553	rVB2	27172	47209	2.38%	0.226%
100	15.839	4579	4587	4593	rBV2	31642	47716	2.41%	0.229%

Sum of corrected areas: 20845897

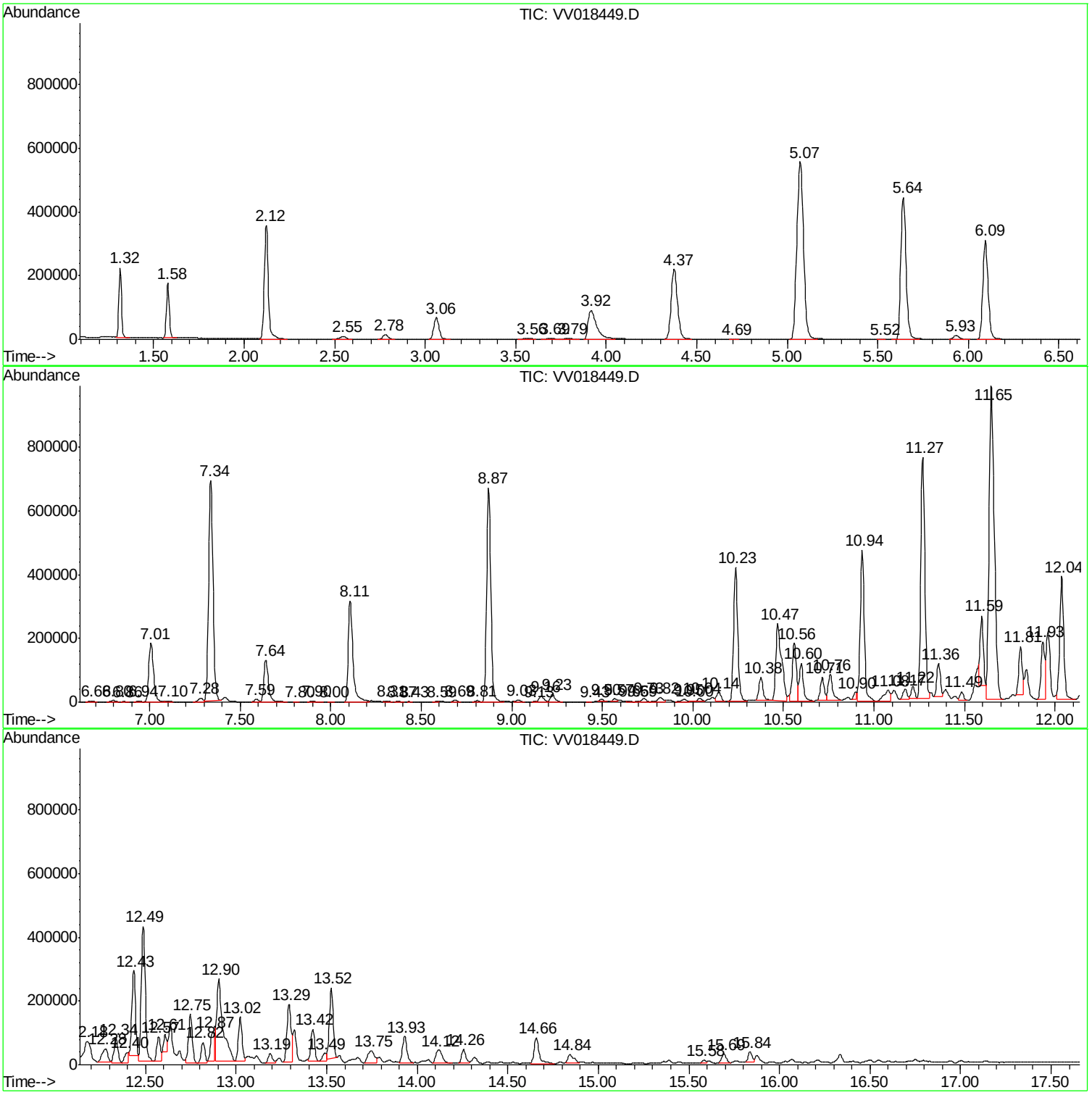
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

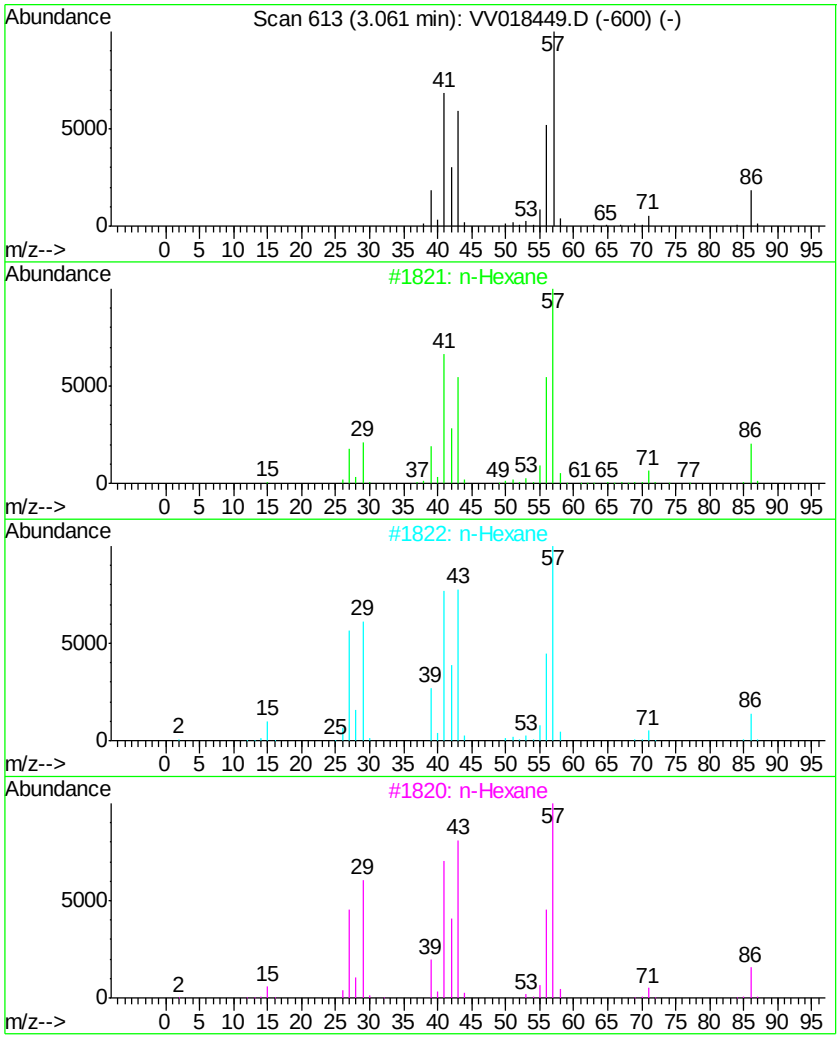
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

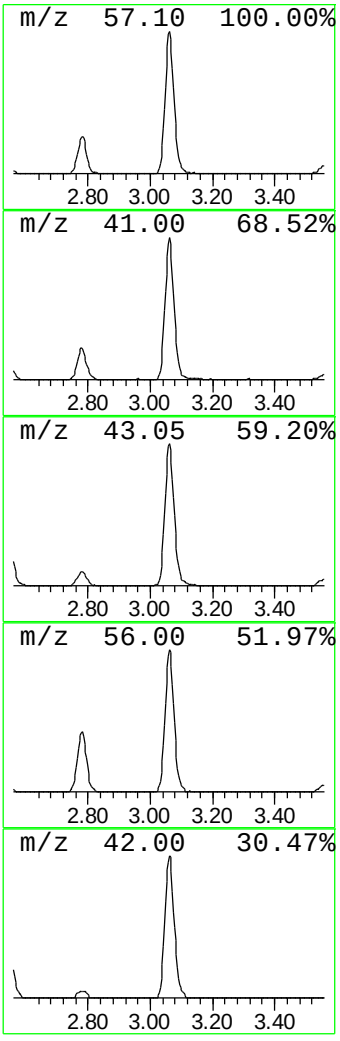
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	7.73 ug/L	137355	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	83
3	n-Hexane	86	C6H14	000110-54-3	64
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	42
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	37





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

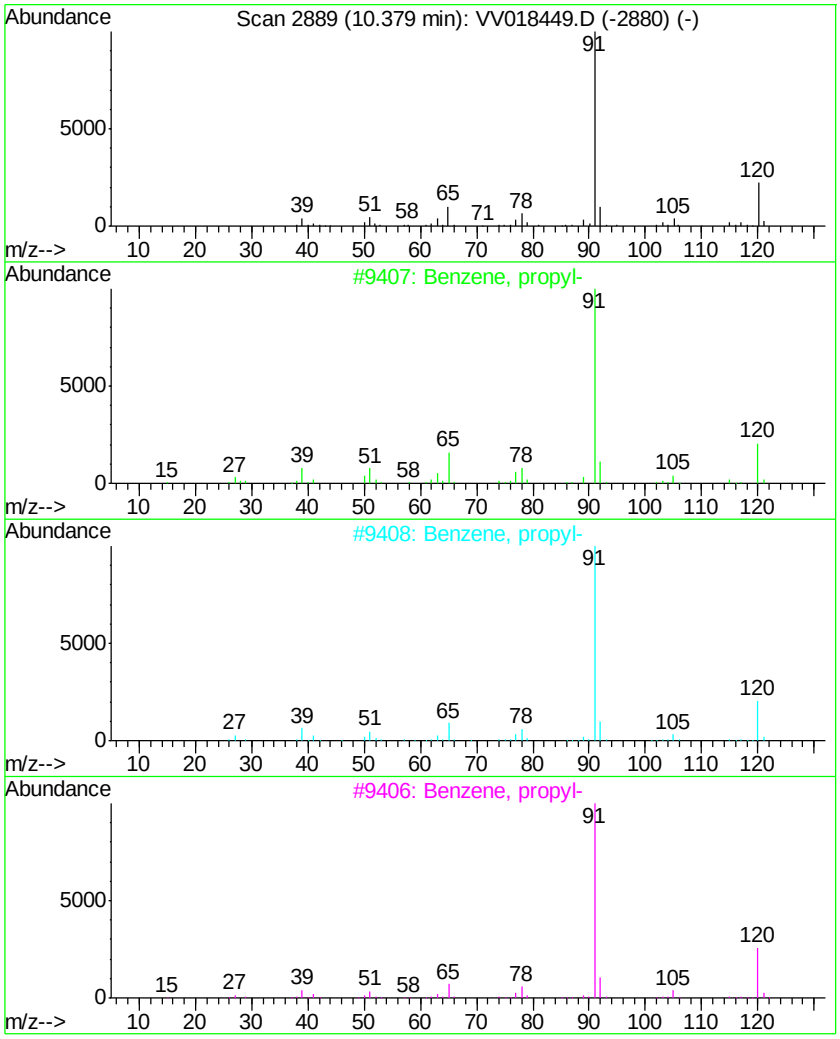
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

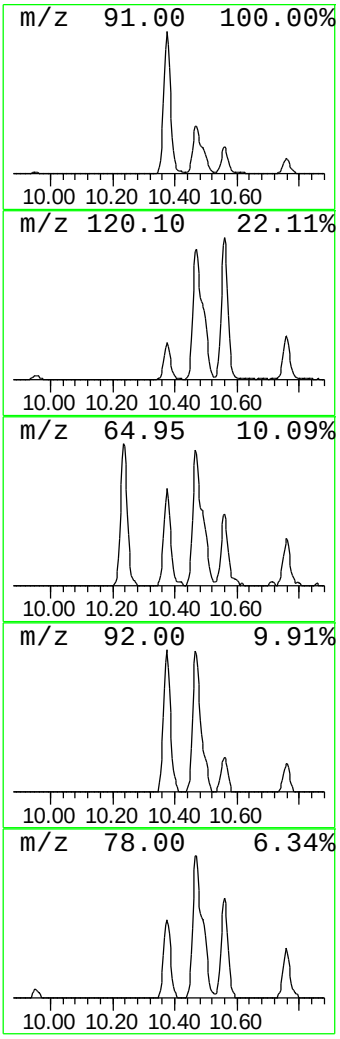
****

Peak Number 3 Benzene, propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	4.85 ug/L	113845	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

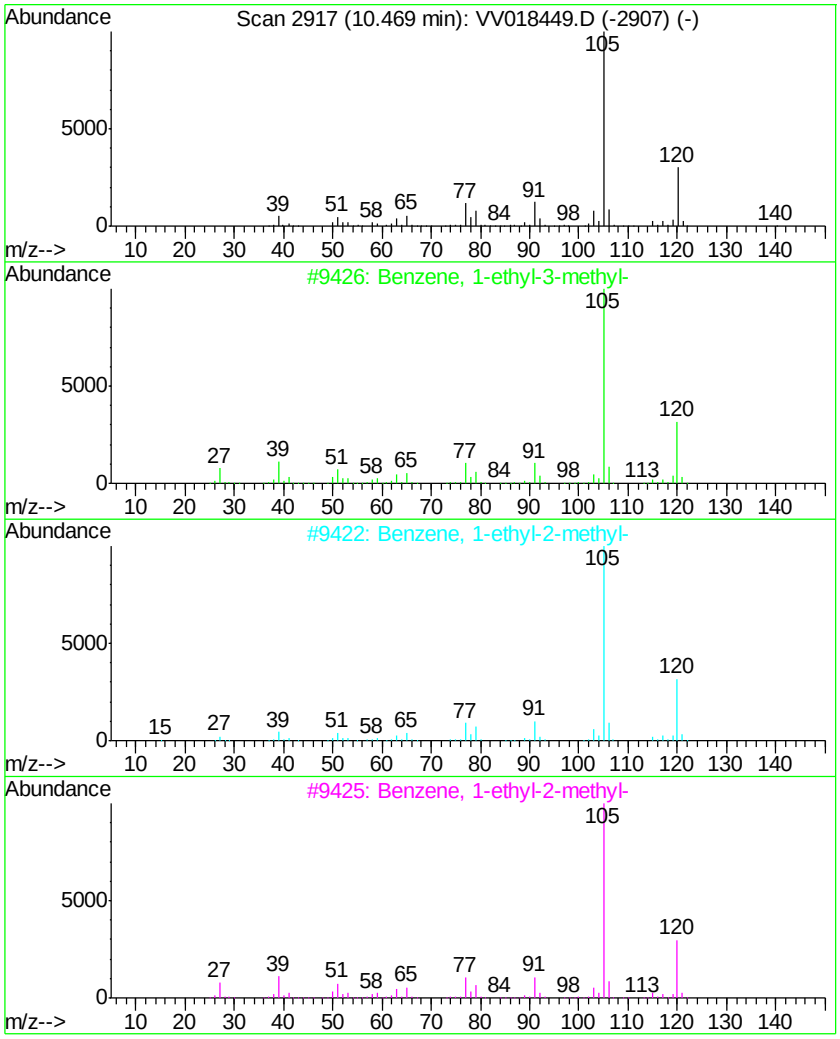
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

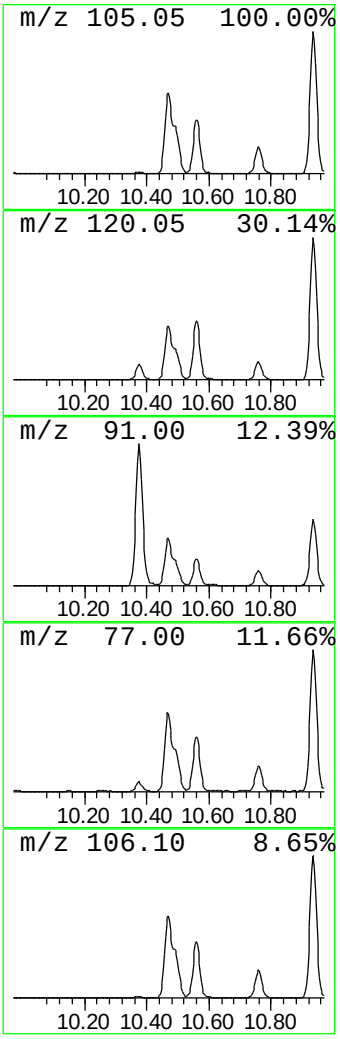
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	22.96 ug/L	538888	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

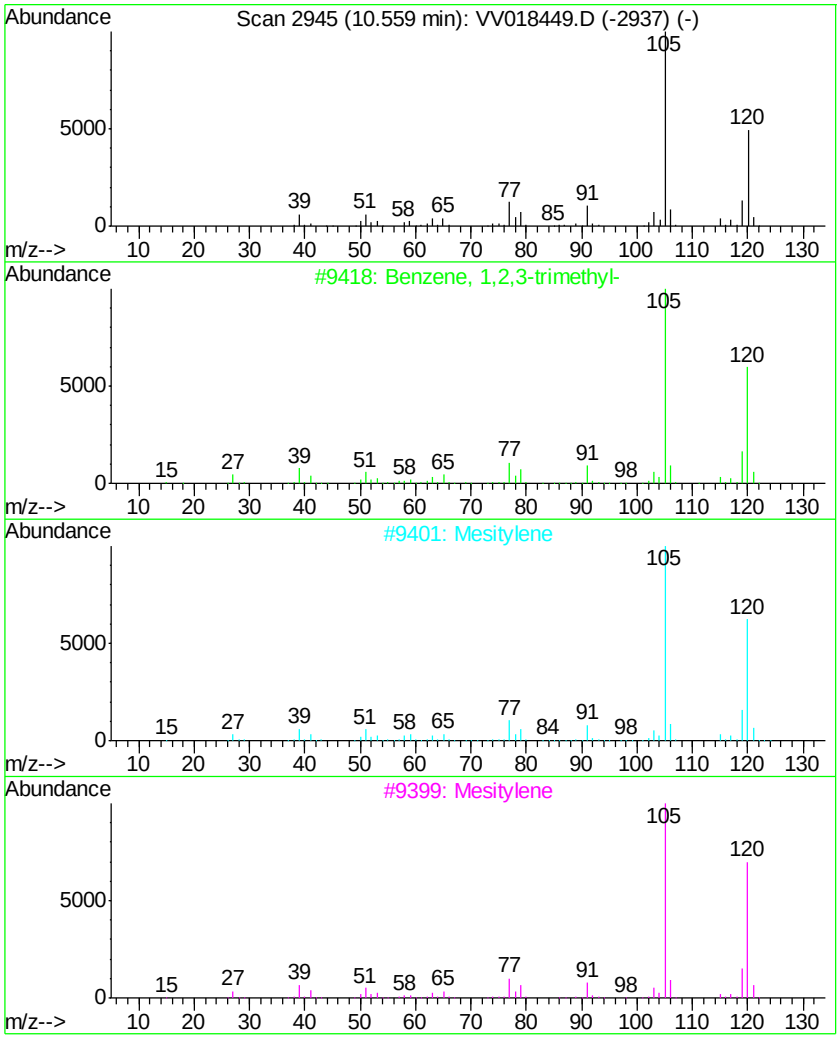
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

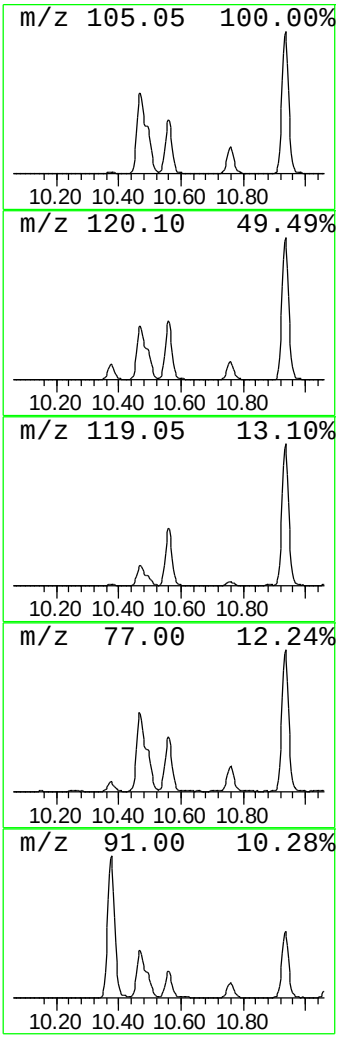
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	12.31 ug/L	288952	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

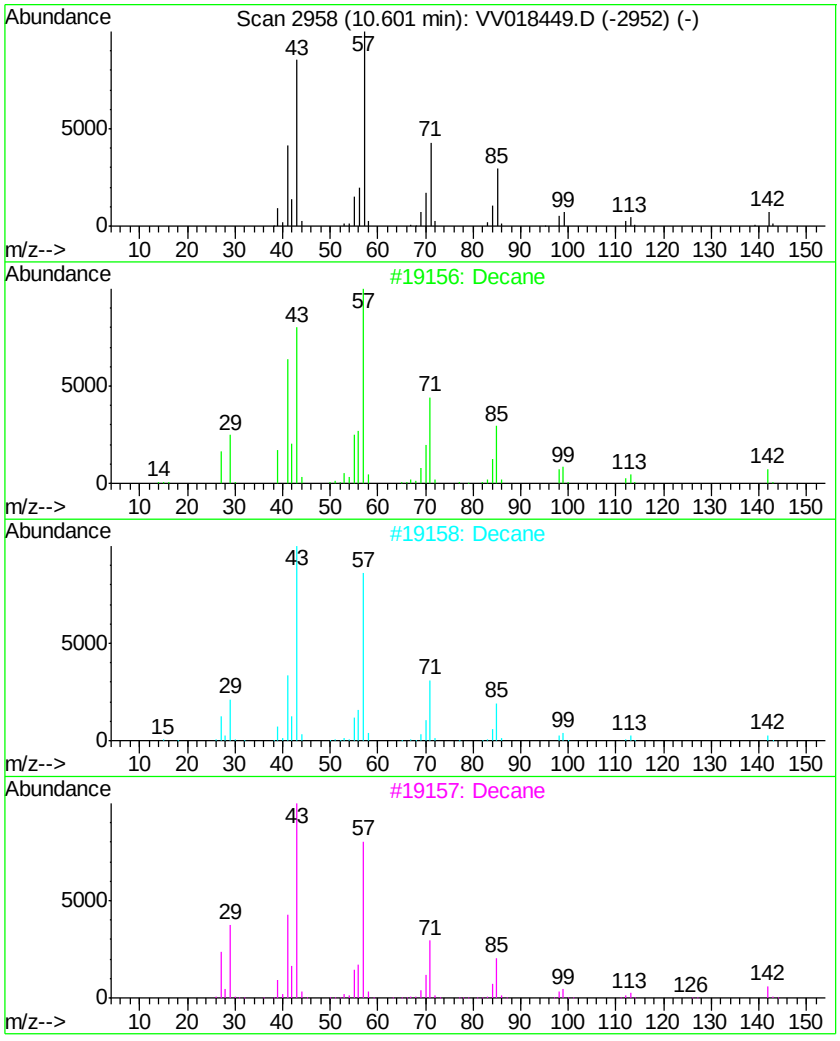
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

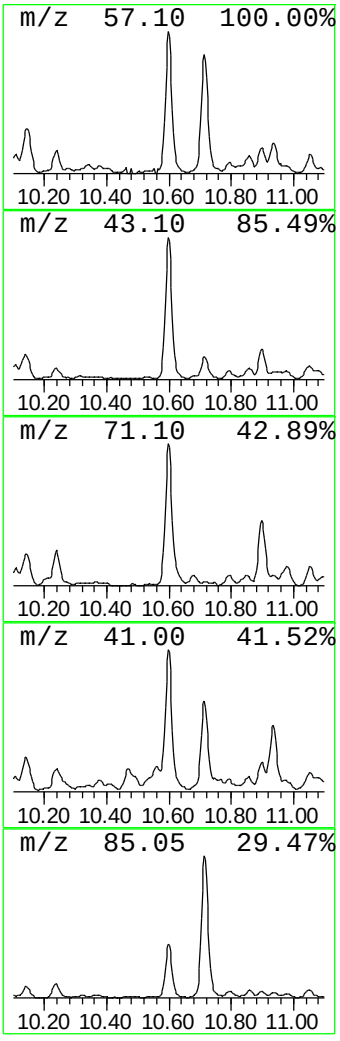
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	7.59 ug/L	178103	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	97
2	Decane	142	C10H22	000124-18-5	94
3	Decane	142	C10H22	000124-18-5	91
4	Tetradecane	198	C14H30	000629-59-4	90
5	Decane	142	C10H22	000124-18-5	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

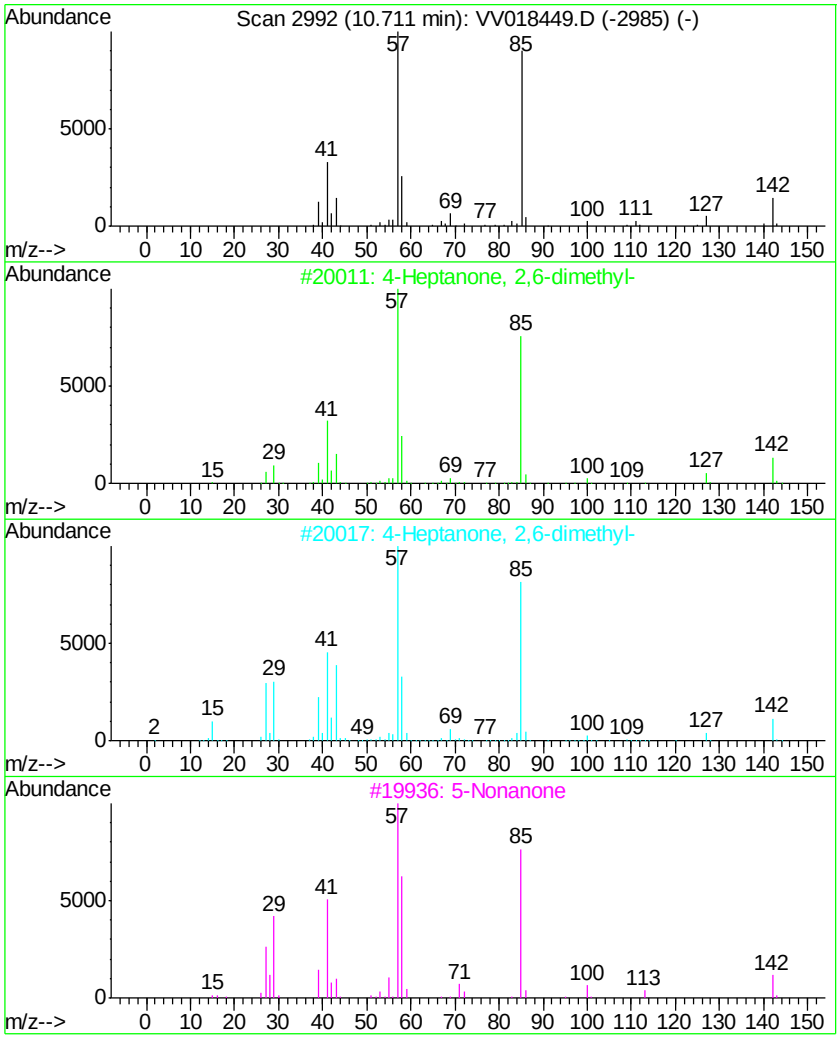
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

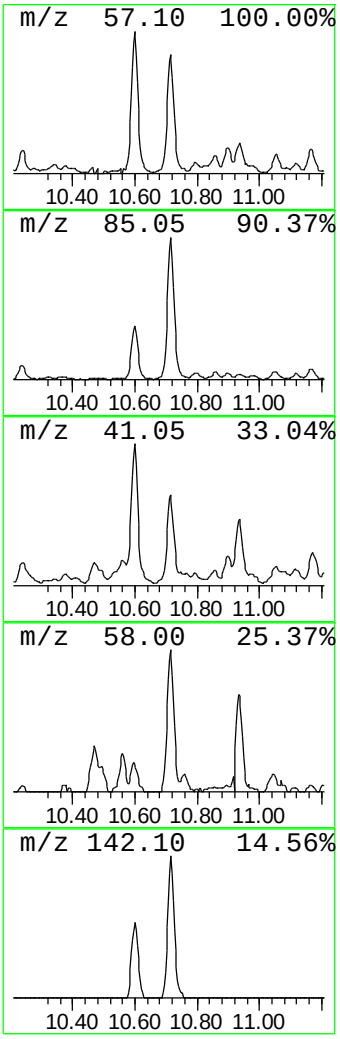
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4-Heptanone, 2,6-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	4.42 ug/L	103677	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	94
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	64
3	5-Nonanone	142	C9H18O	000502-56-7	59
4	5-Nonanone	142	C9H18O	000502-56-7	59
5	2,4-Hexanedione, 5,5-dimethyl-	142	C8H14O2	007307-04-2	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

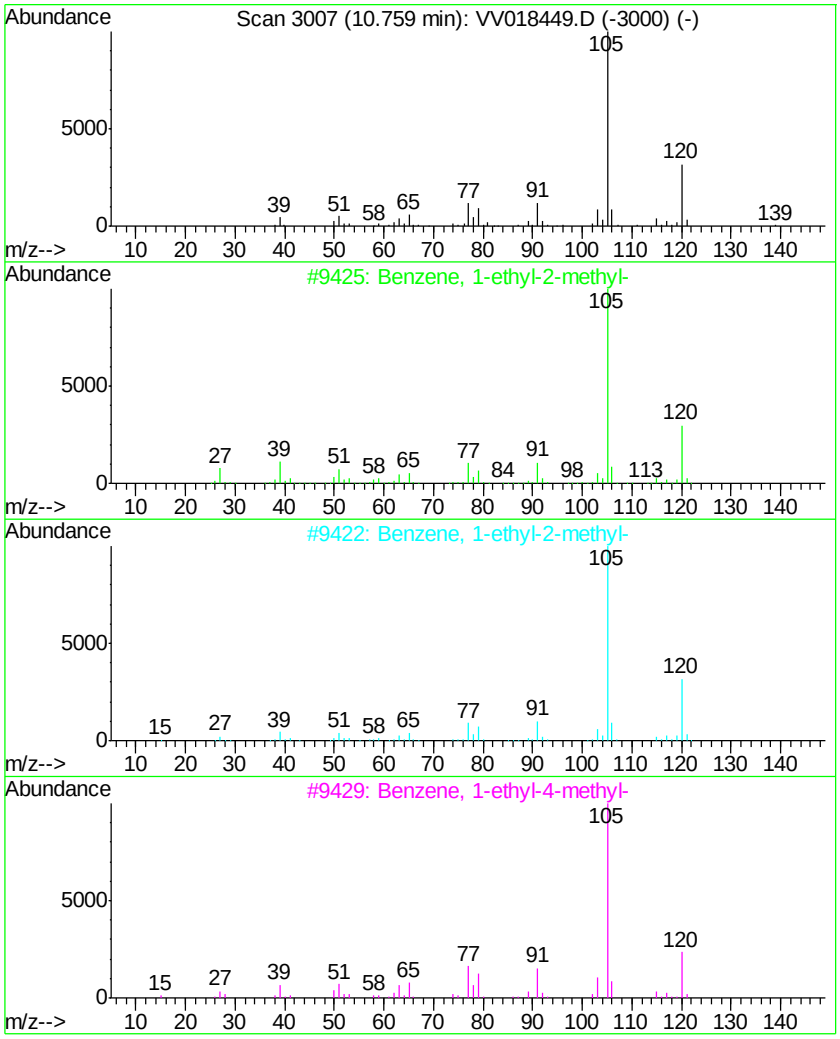
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

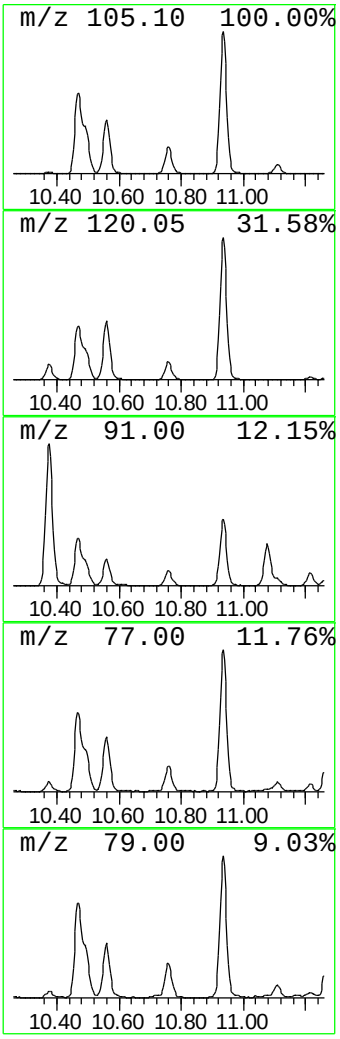
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	5.77 ug/L	135287	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

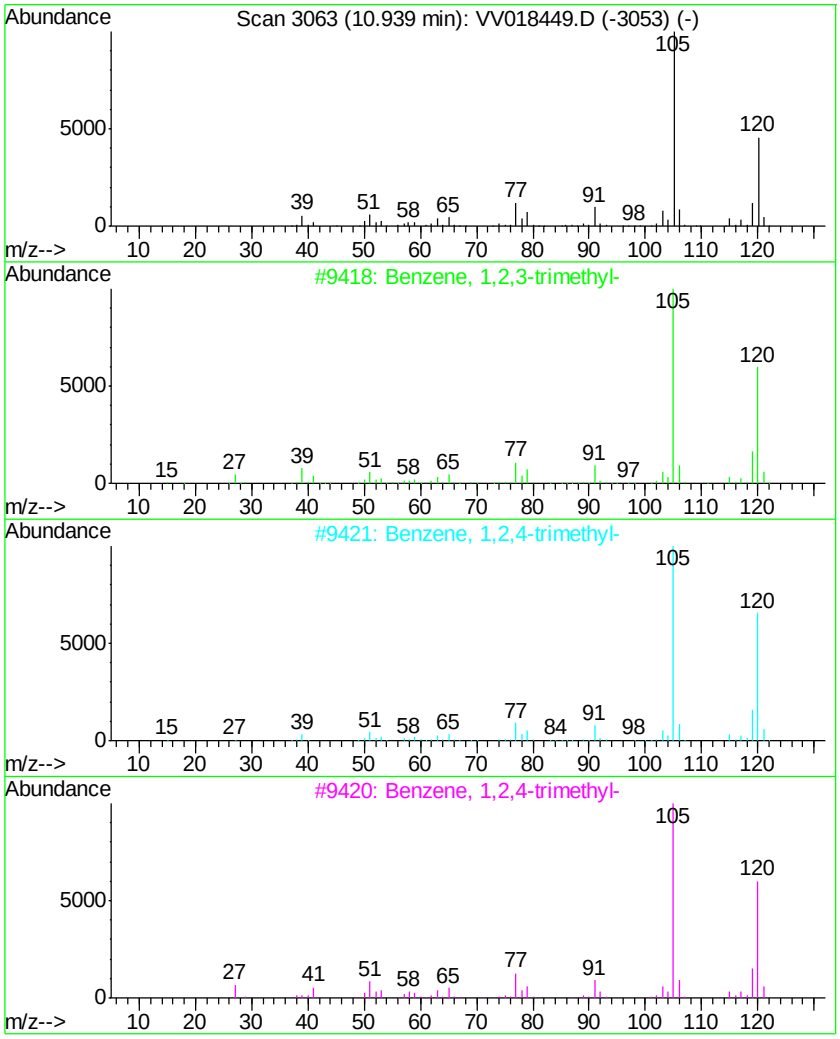
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

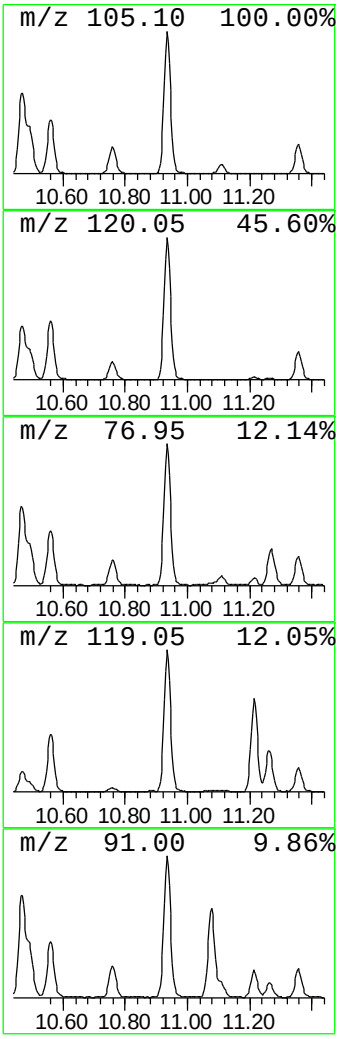
****

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	31.90 ug/L	748555	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

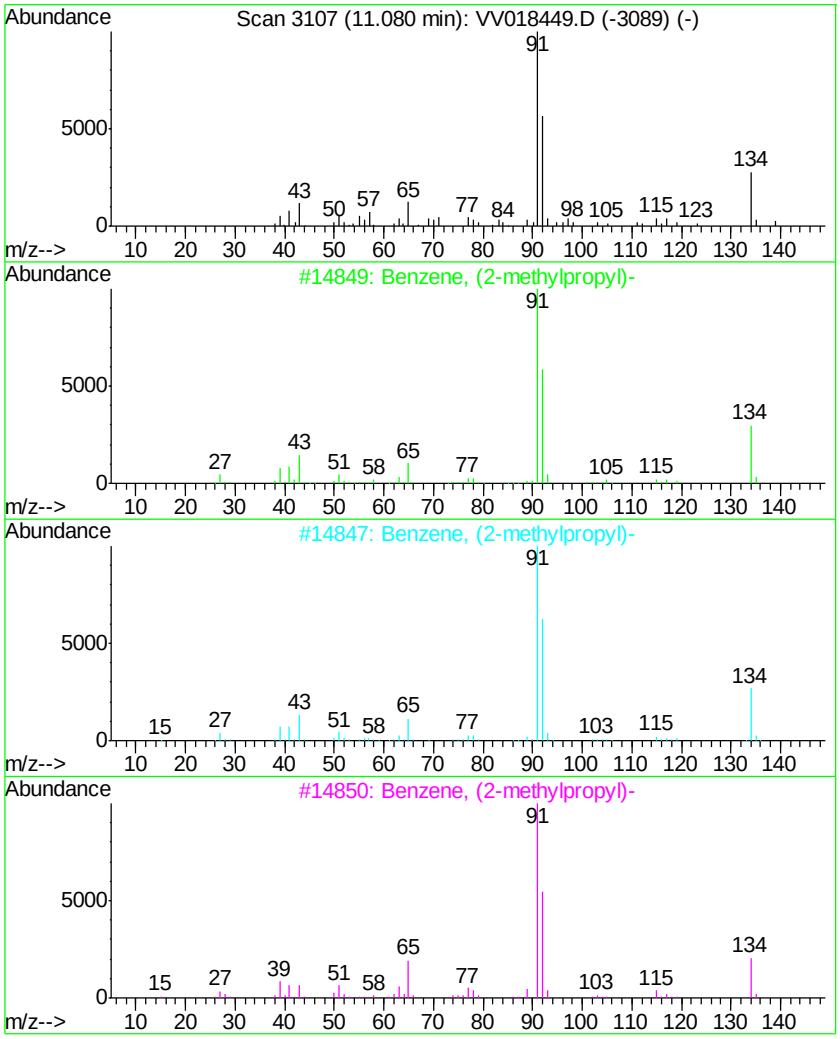
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

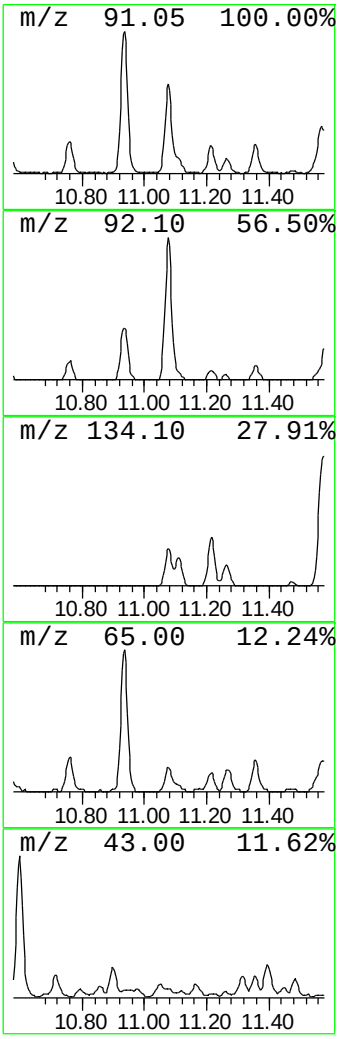
****

Peak Number 10 Benzene, (2-methylpropyl)- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	3.31 ug/L	77788	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	83
4	Benzene, butyl-	134	C10H14	000104-51-8	80
5	Benzene, butyl-	134	C10H14	000104-51-8	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

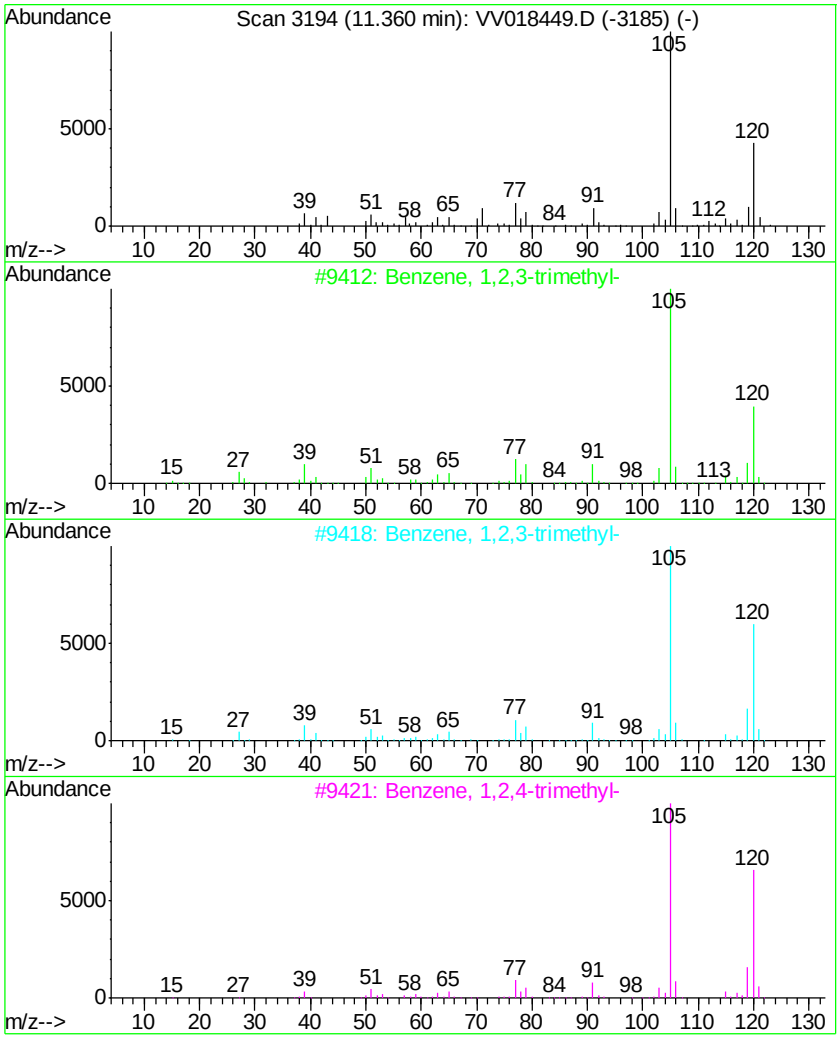
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

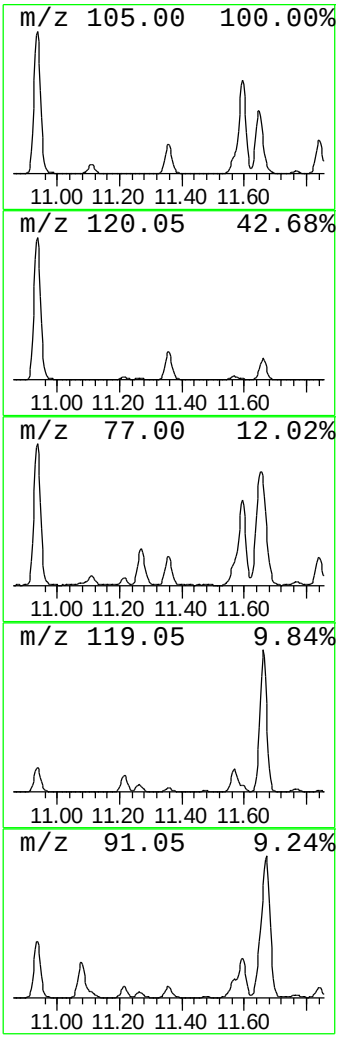
****

Peak Number 11 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	6.25 ug/L	146579	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

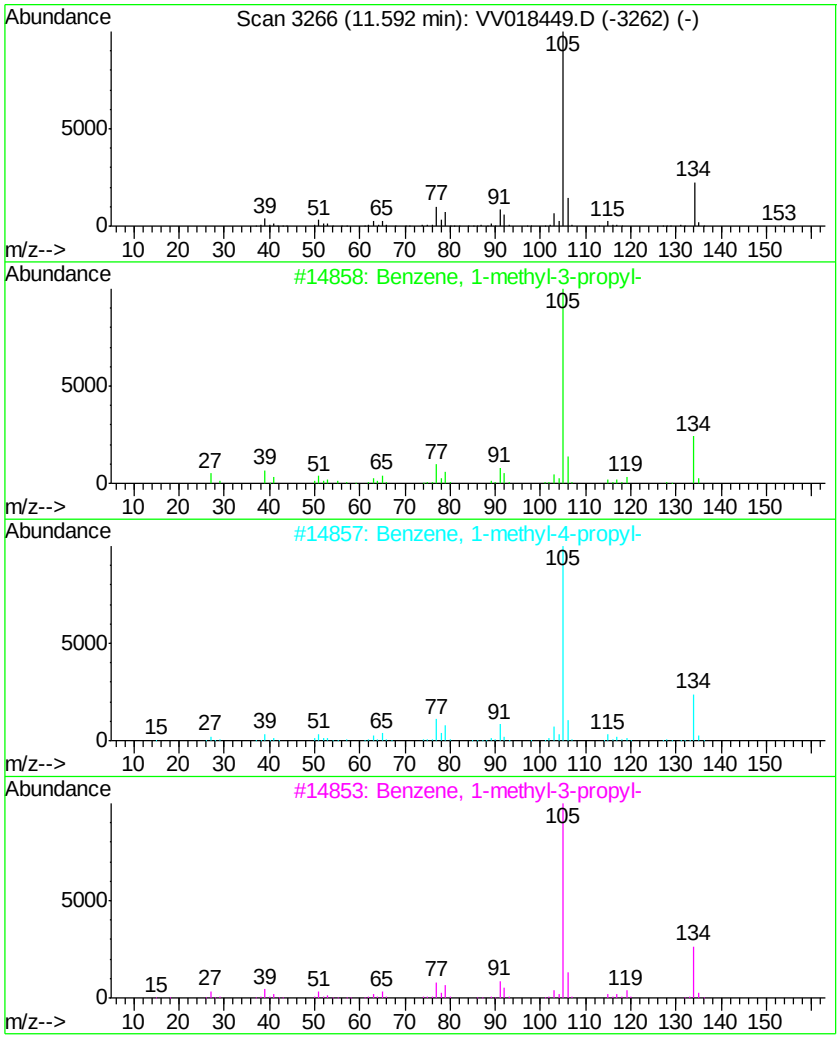
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

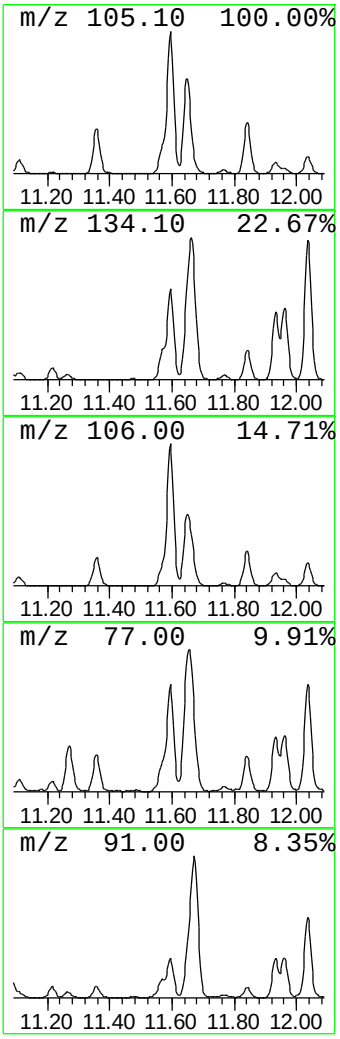
****

Peak Number 12 Benzene, 1-methyl-3-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	11.69 ug/L	274306	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

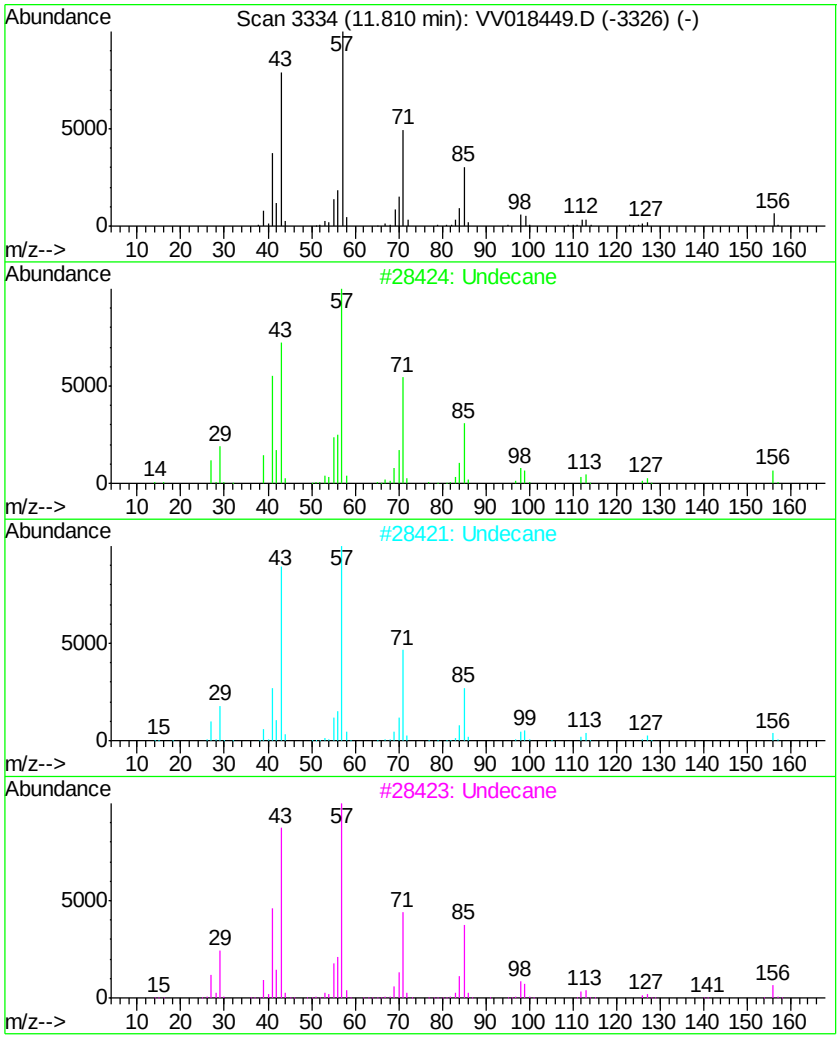
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

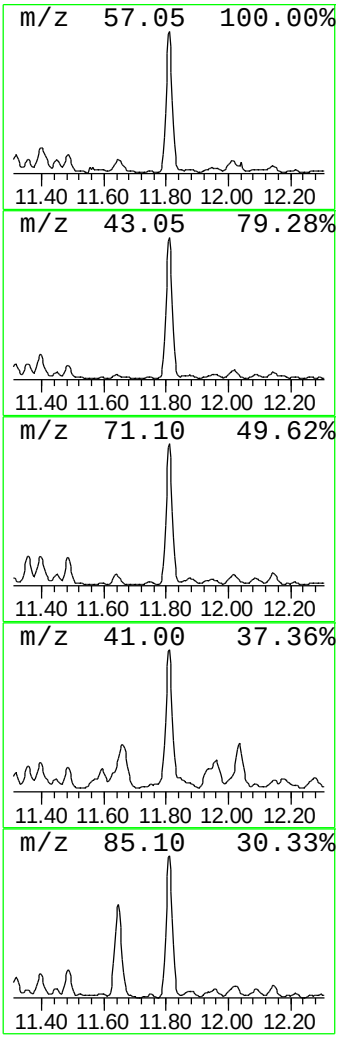
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	8.88 ug/L	208401	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	96
2	Undecane	156	C11H24	001120-21-4	95
3	Undecane	156	C11H24	001120-21-4	94
4	Undecane	156	C11H24	001120-21-4	94
5	Undecane	156	C11H24	001120-21-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

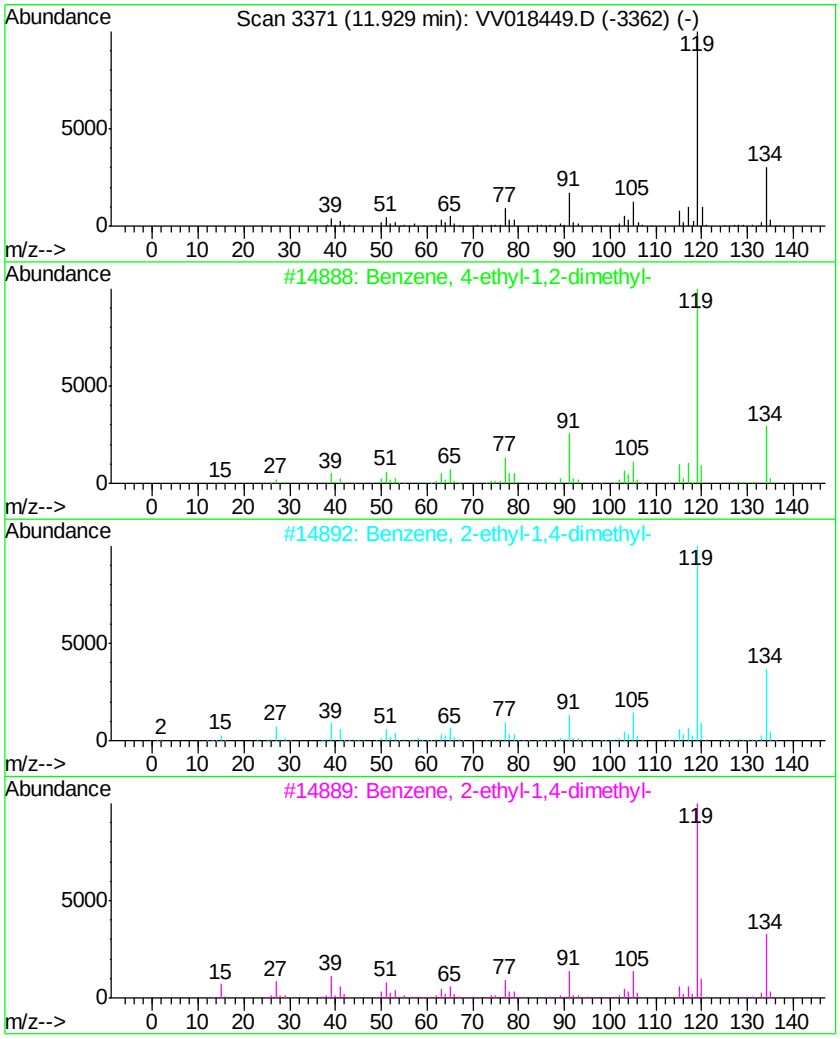
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

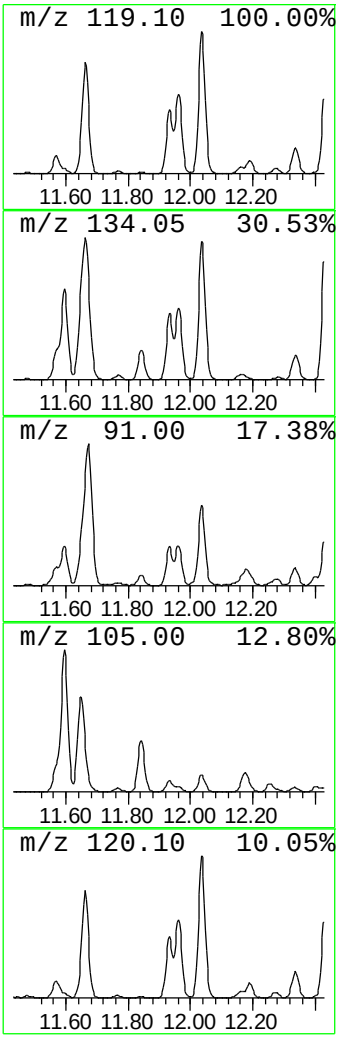
****

Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	11.17 ug/L	262108	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

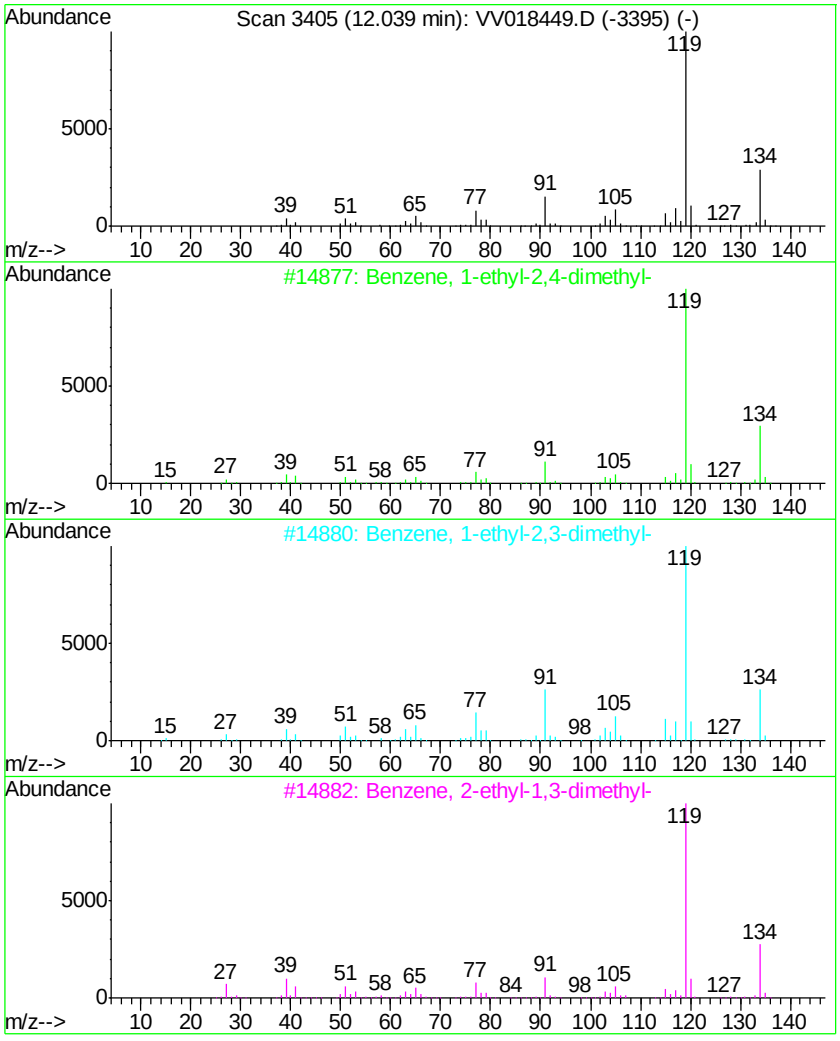
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

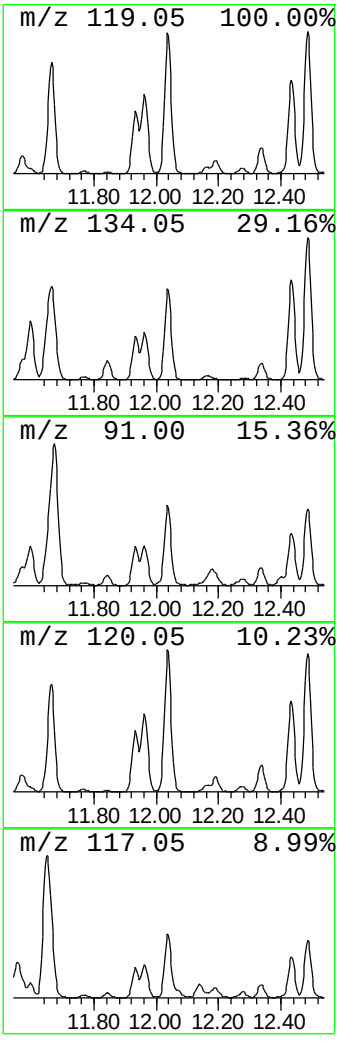
****

Peak Number 15 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	25.80 ug/L	605506	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

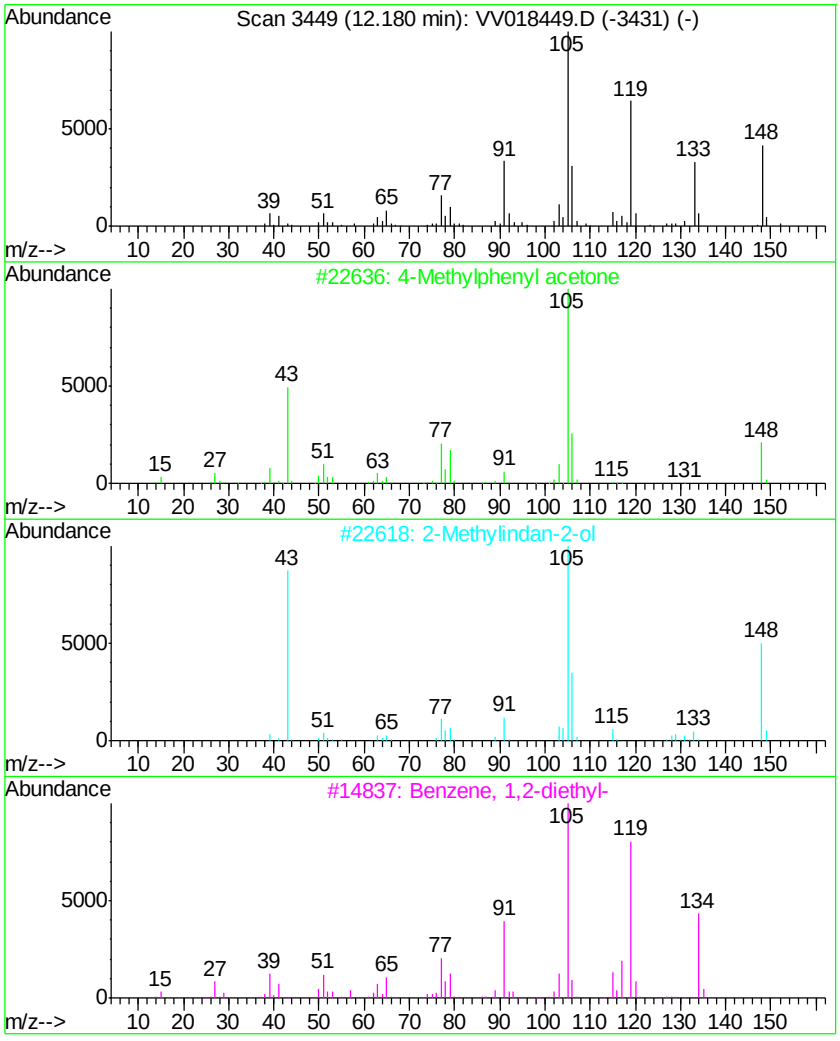
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

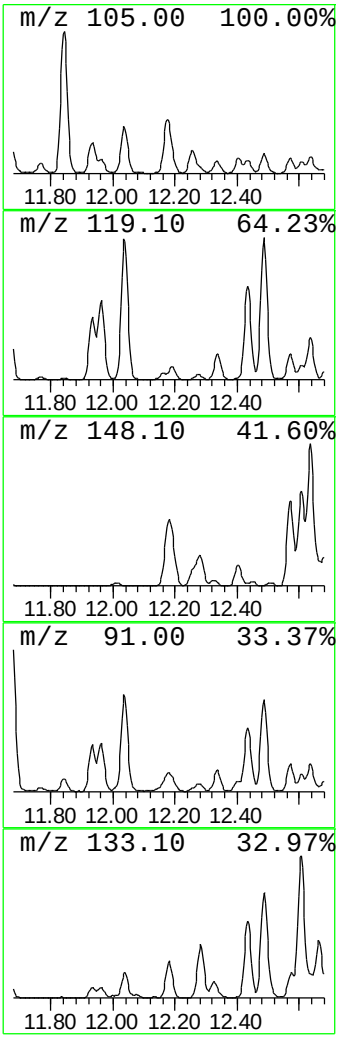
****

Peak Number 16 4-Methylphenyl acetone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	7.92 ug/L	185949	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
2	2-Methylindan-2-ol	148	C10H12O	033223-84-6	50
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	45
4	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	30
5	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	30





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

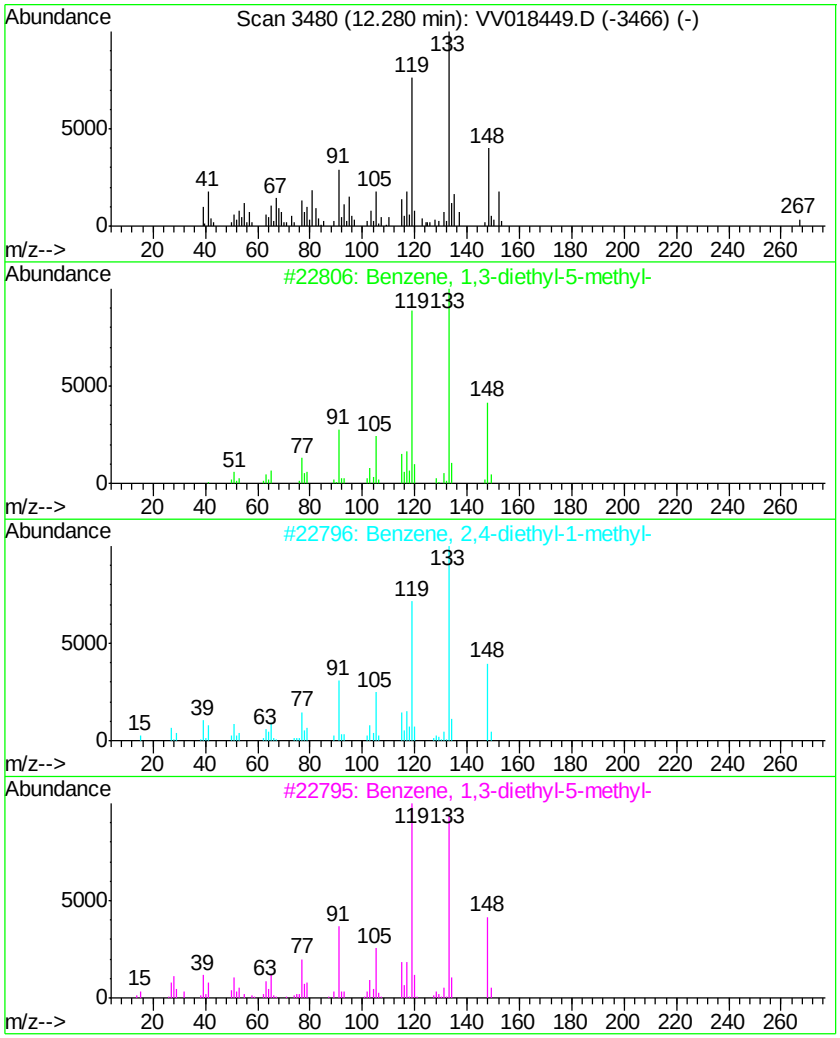
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

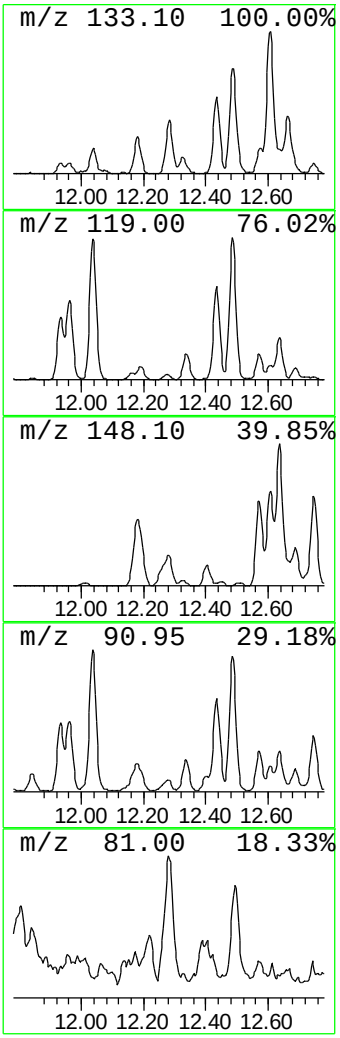
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	4.07 ug/L	95526	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	98
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	98
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	98
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	64
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

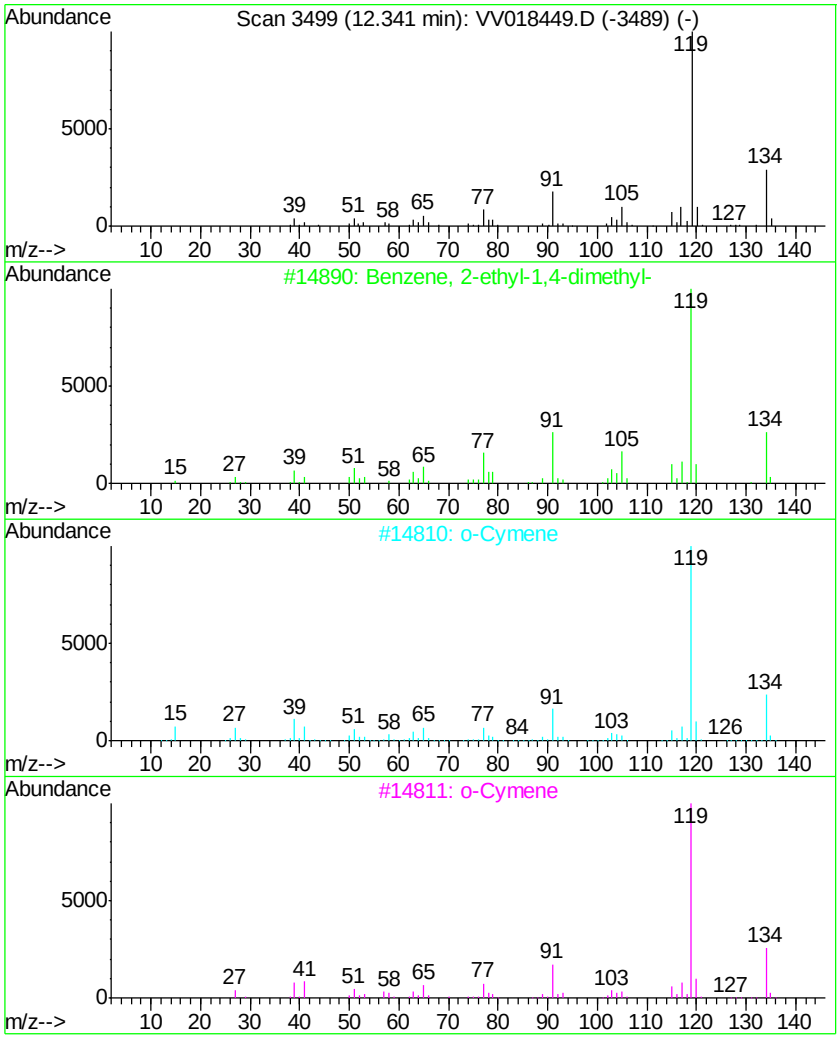
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

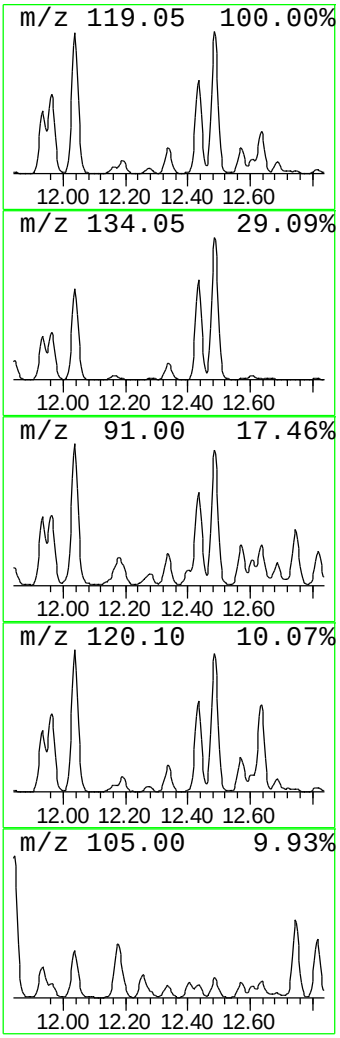
****

Peak Number 18 o-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	4.87 ug/L	114307	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

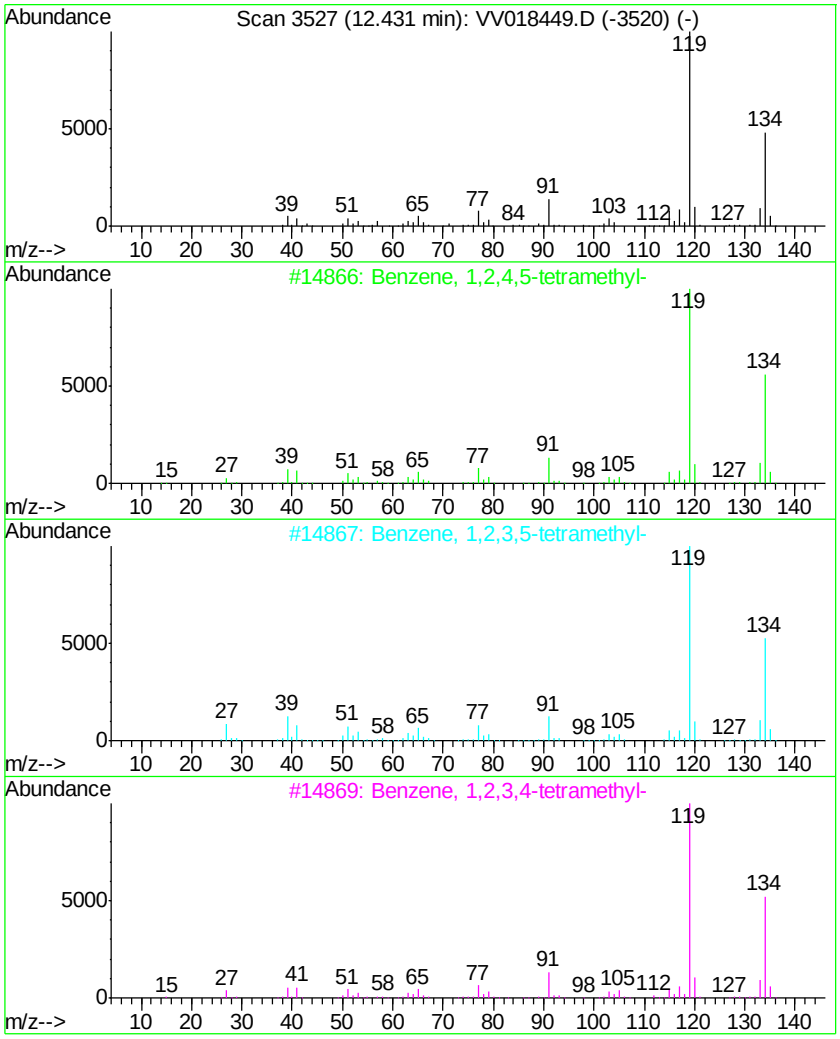
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

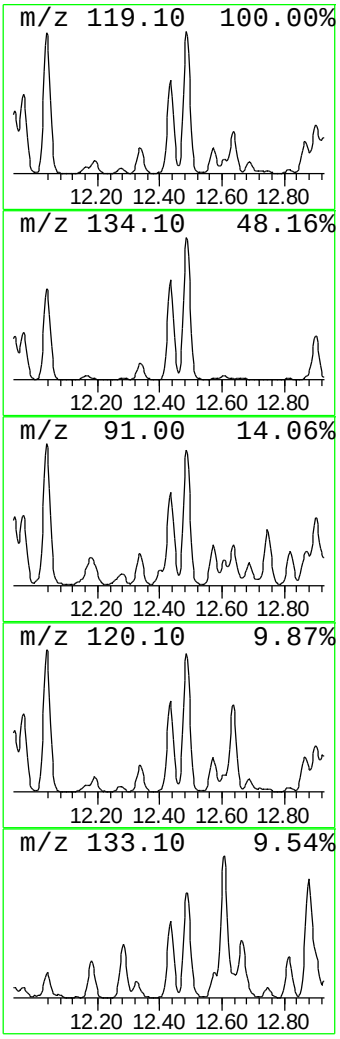
****

Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	15.89 ug/L	372881	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

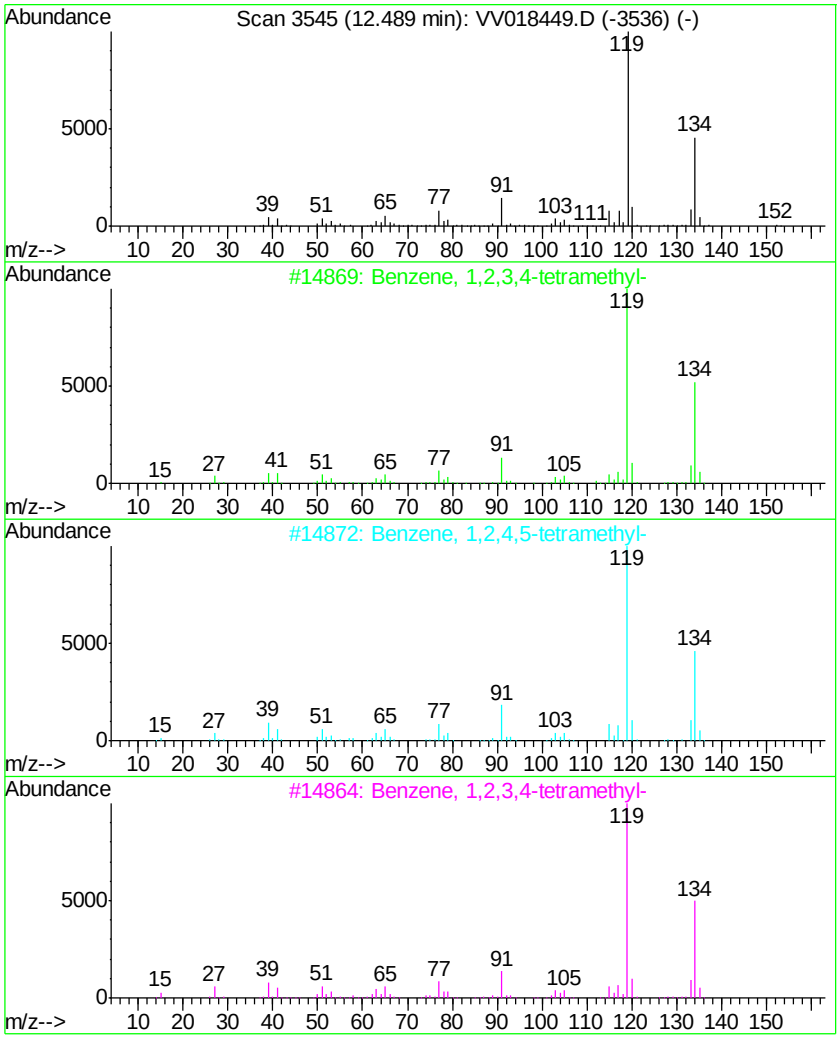
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

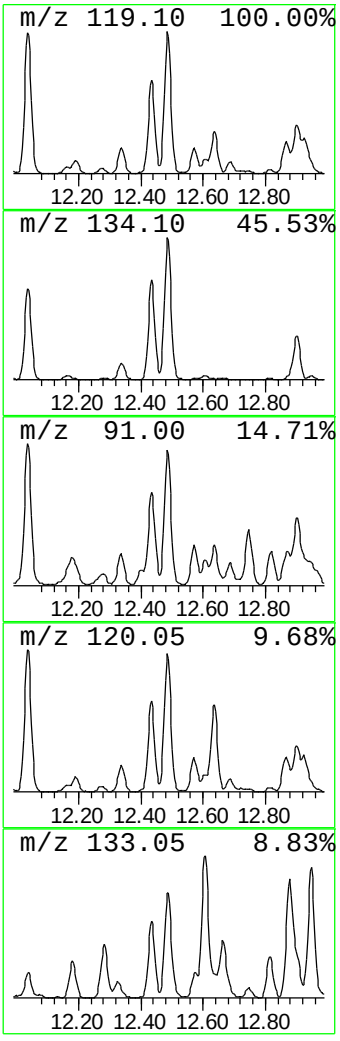
****

Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	27.52 ug/L	645852	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

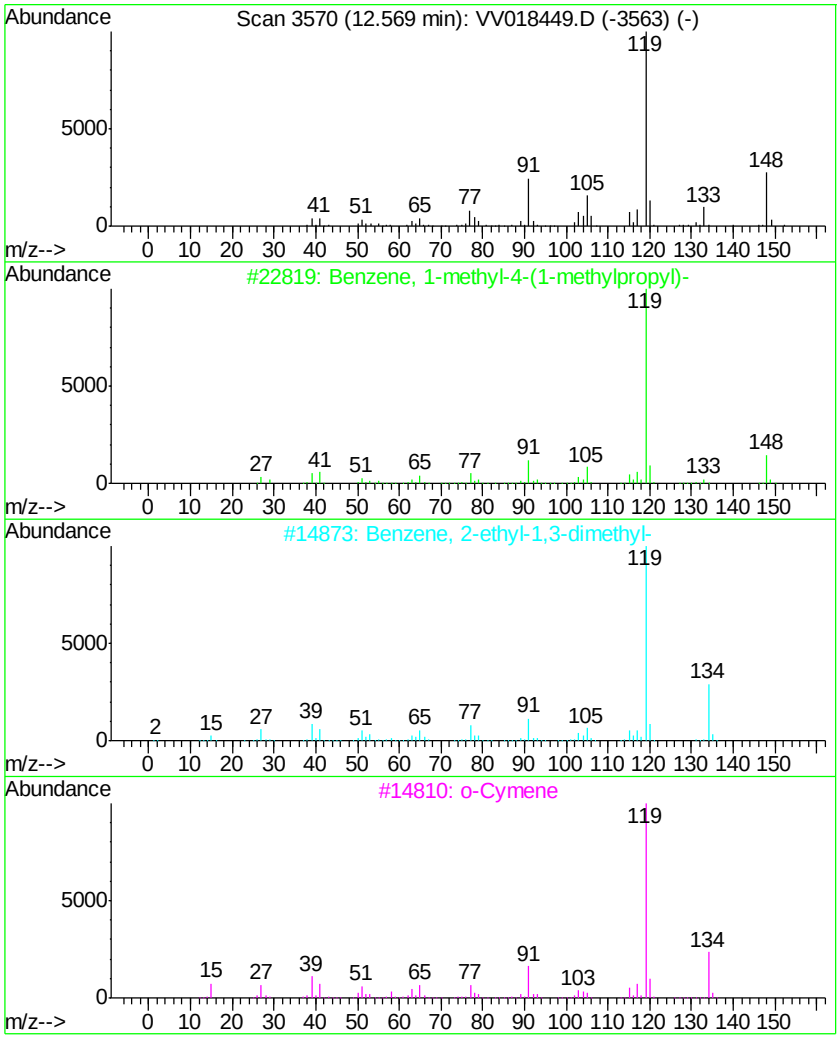
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

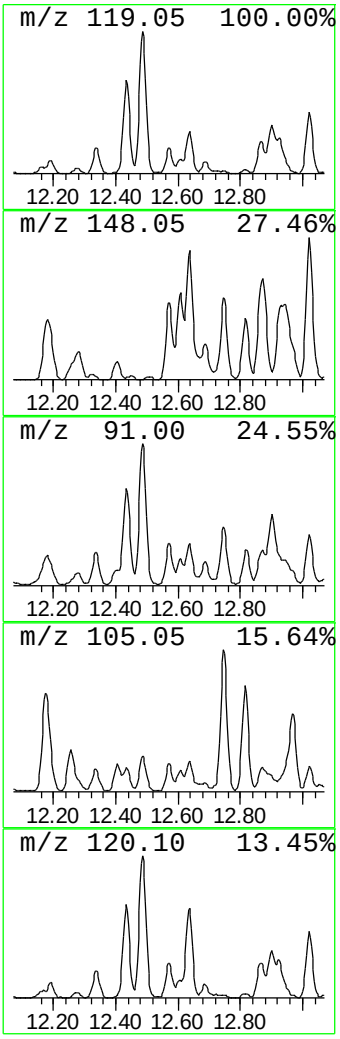
****

Peak Number 21 Benzene, 1-methyl-4-(1-meth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	4.64 ug/L	108890	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	68
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

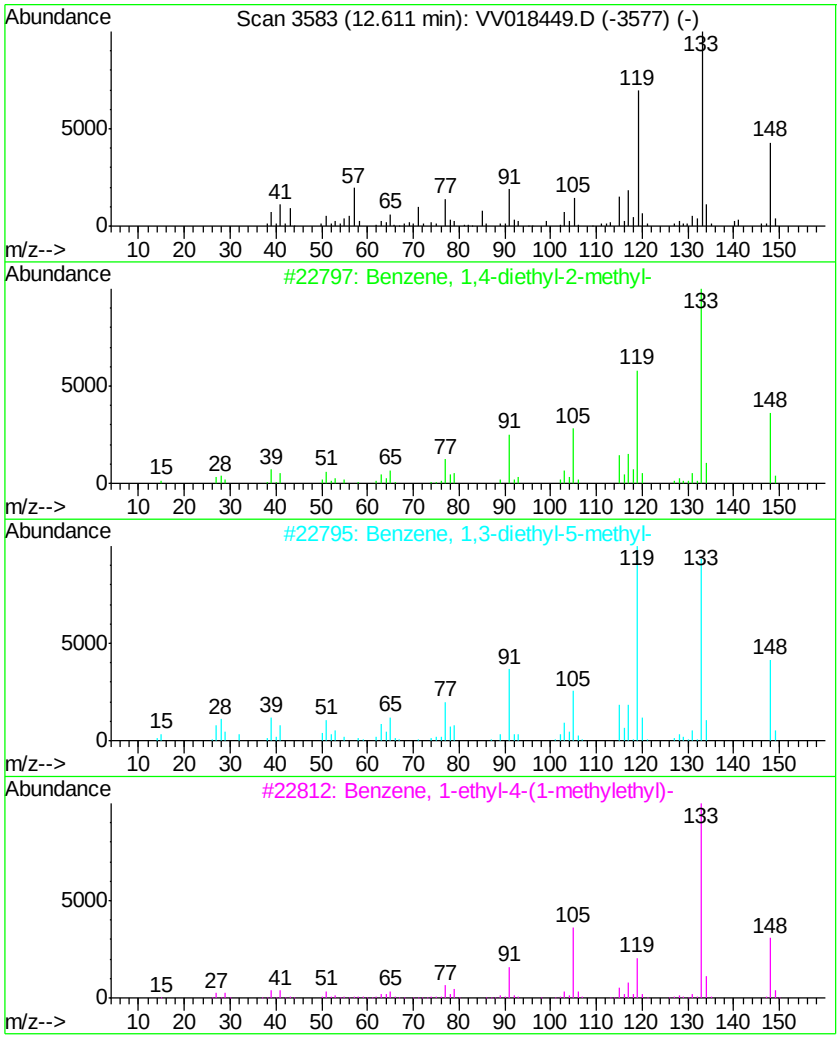
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

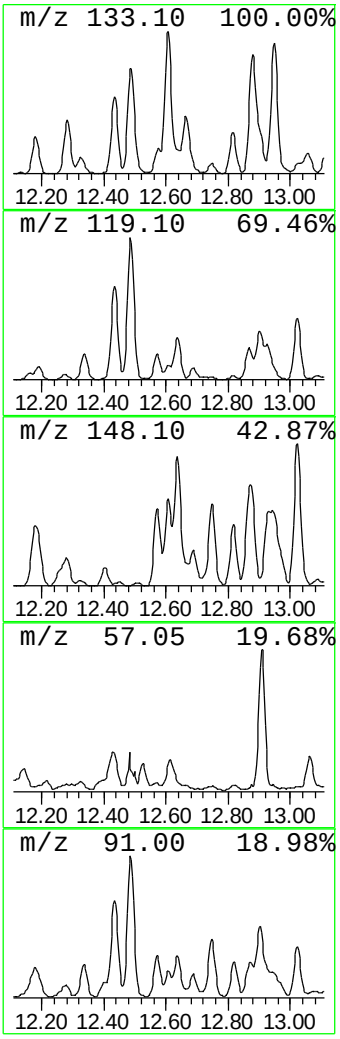
****

Peak Number 22 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.82 ug/L	66150	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	94
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	89
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

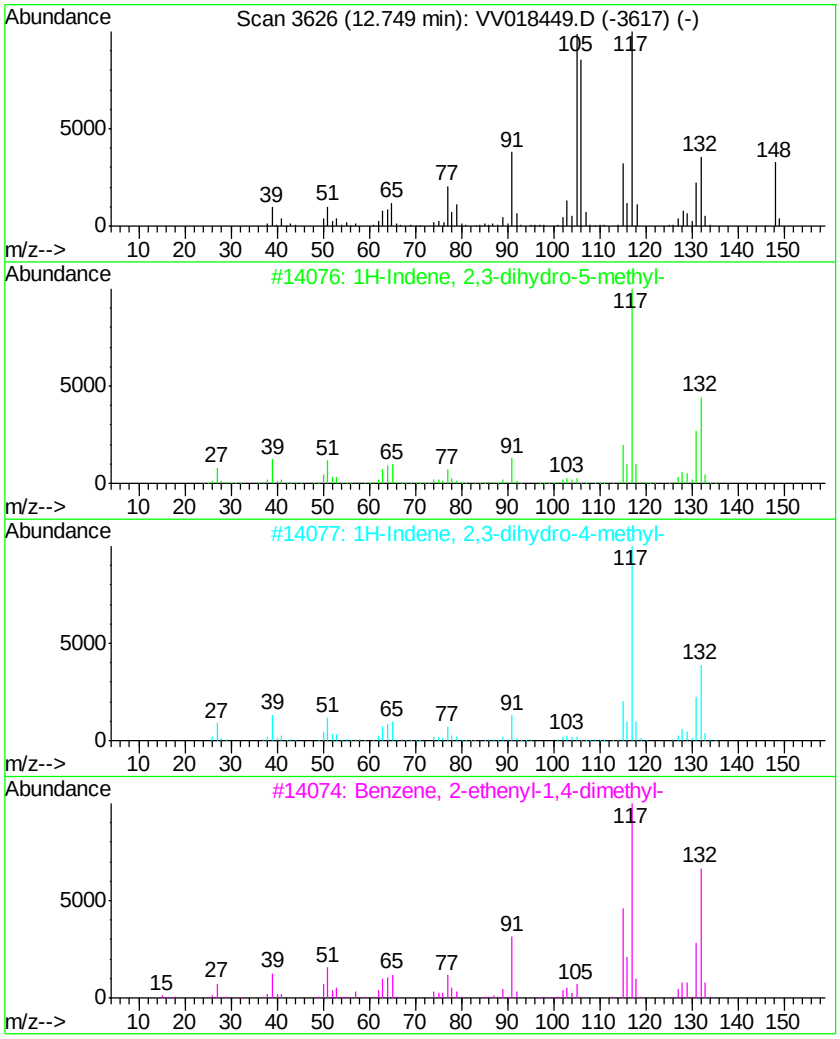
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

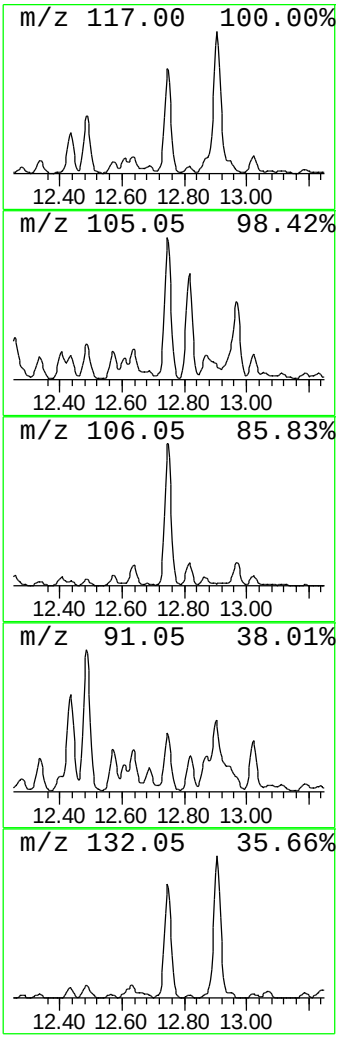
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	9.68 ug/L	227238	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	86
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

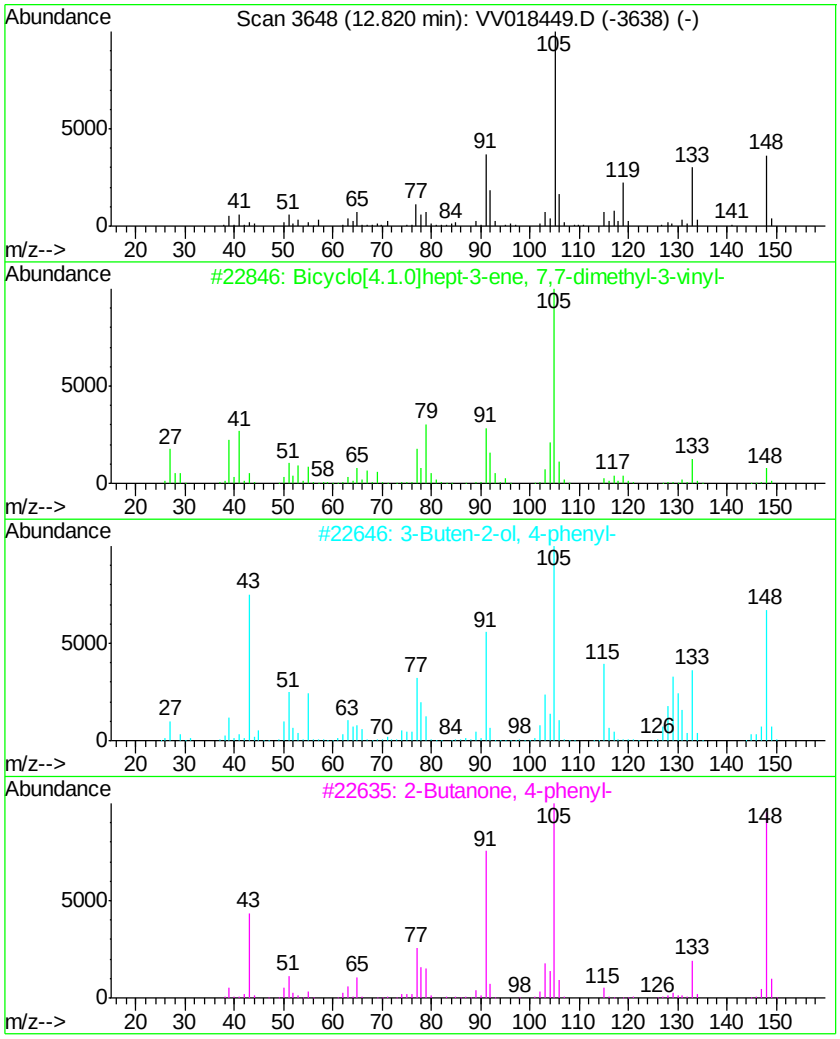
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

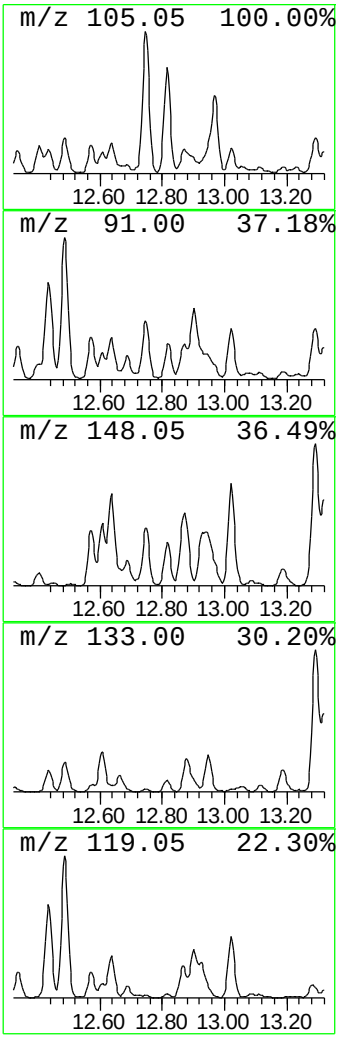
****

Peak Number 24 Bicyclo[4.1.0]hept-3-ene, 7... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	4.07 ug/L	95585	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]hept-3-ene, 7,7-di...	148	C11H16	113003-13-7	59
2	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	47
3	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	43
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	43
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

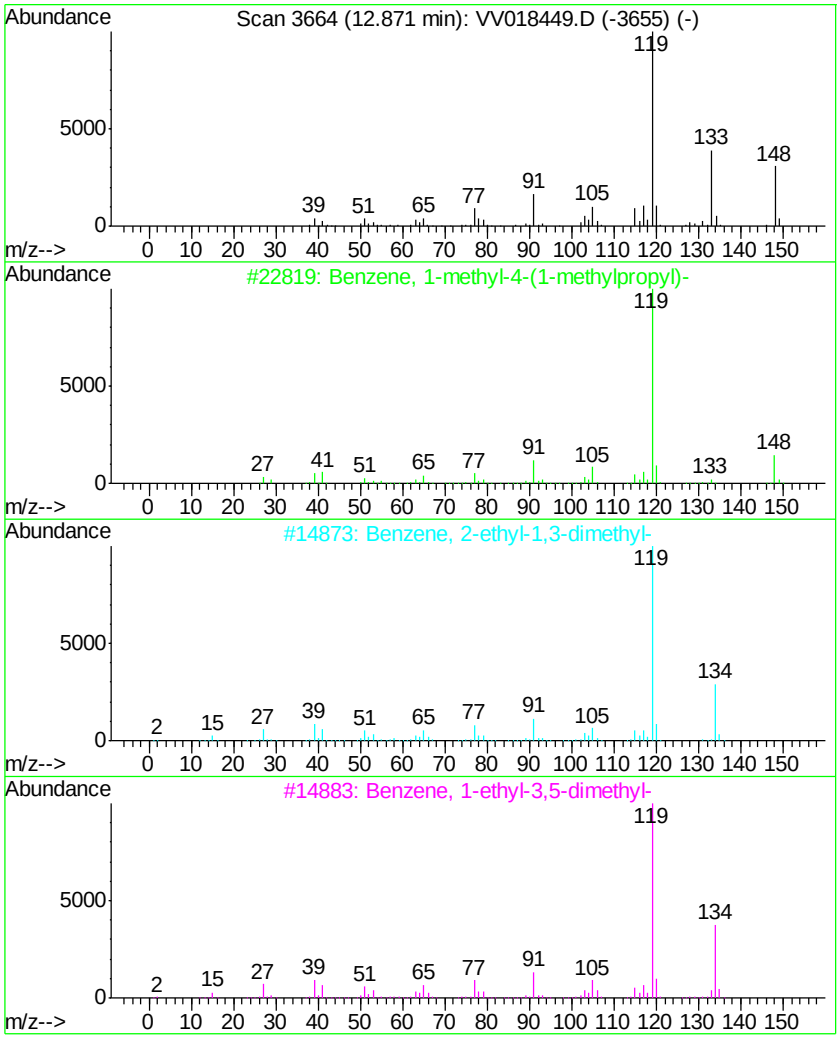
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

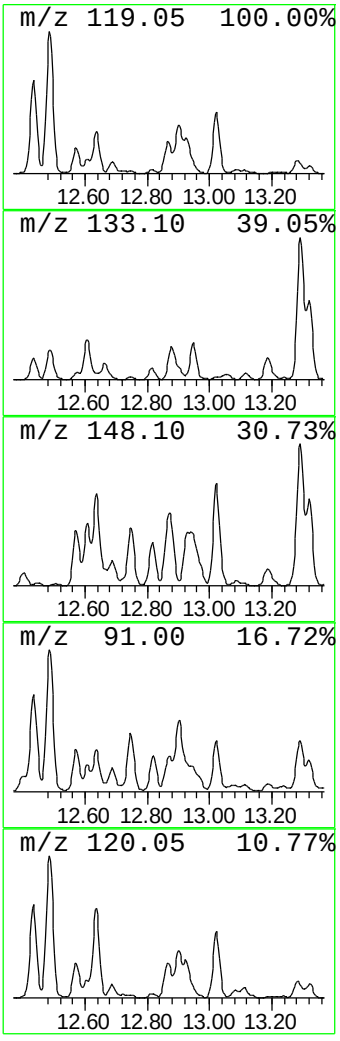
****

Peak Number 25 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	6.03 ug/L	141569	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	93
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	64
5	p-Cymene	134	C10H14	000099-87-6	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

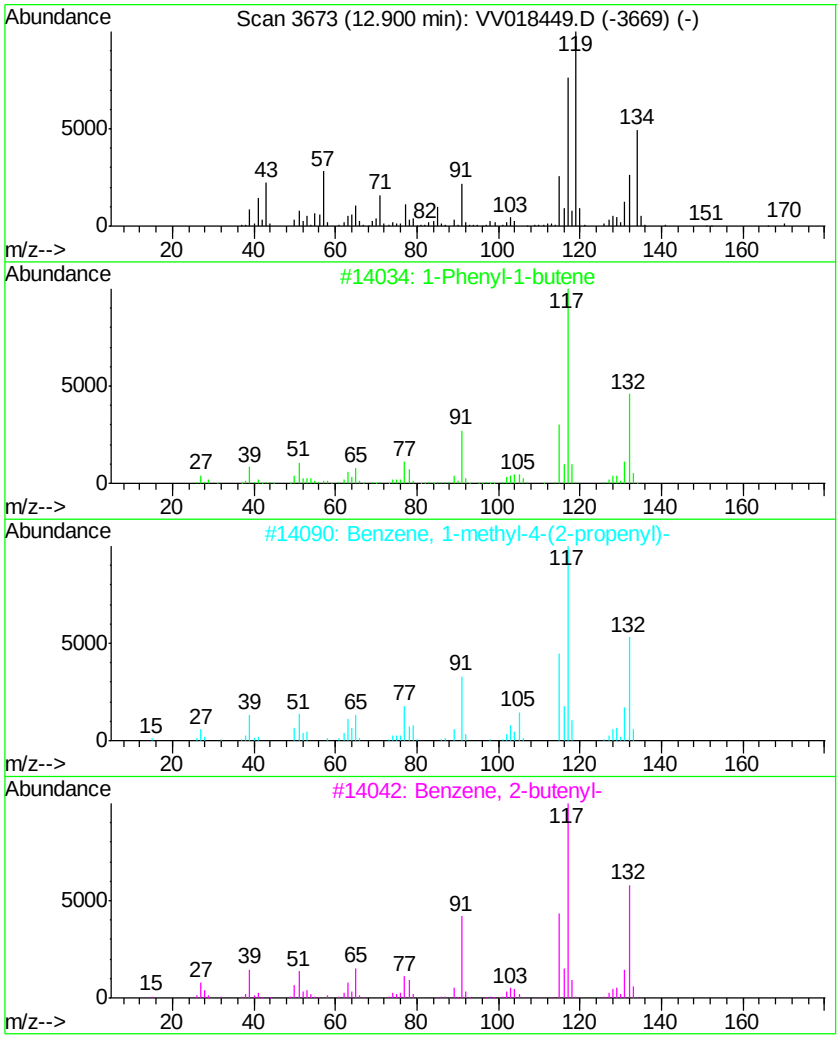
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

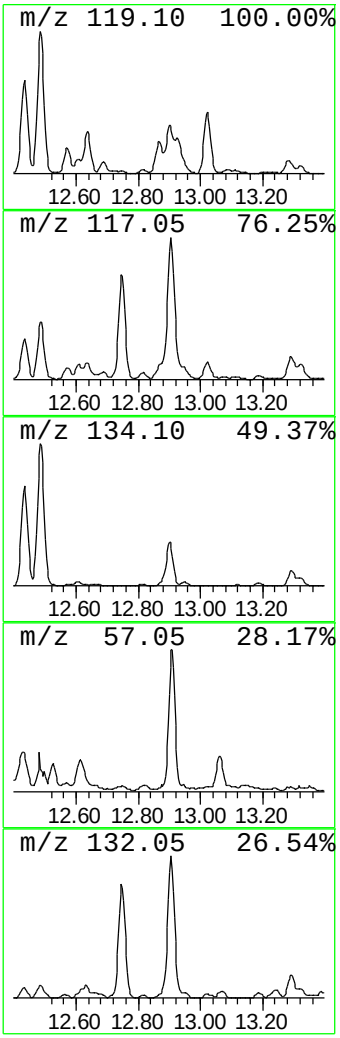
****

Peak Number 26 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	25.55 ug/L	599620	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
4	p-Cymene	134	C10H14	000099-87-6	50
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

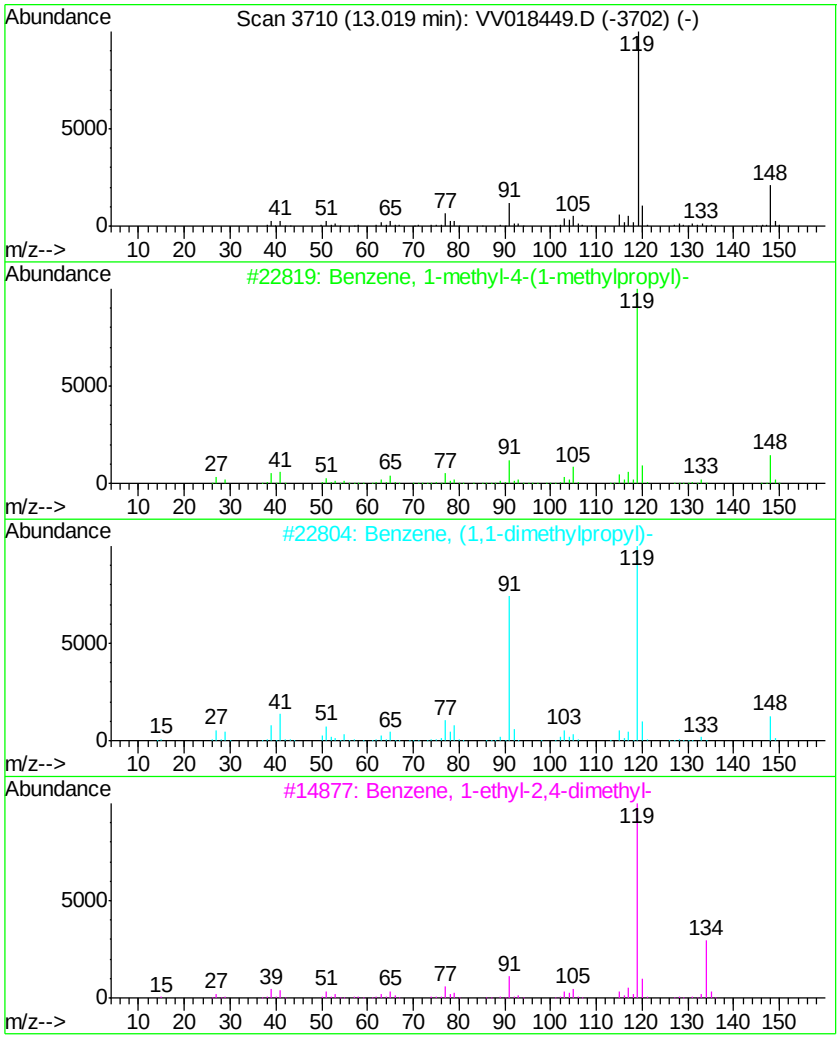
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

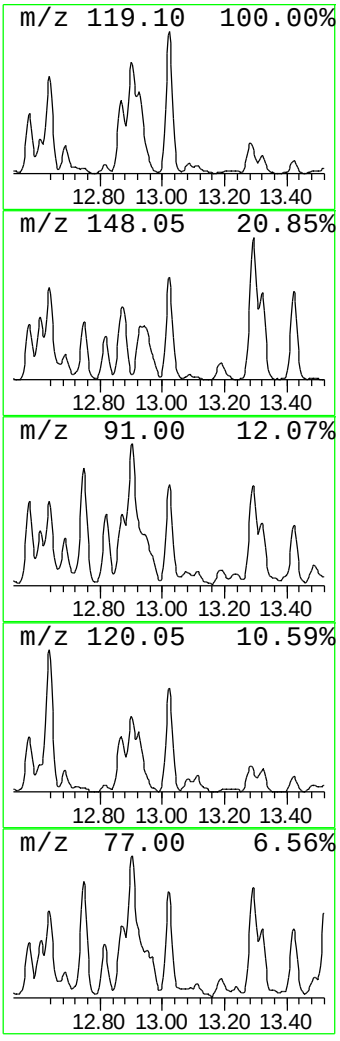
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, (1,1-dimethylpropyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	8.62 ug/L	202362	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

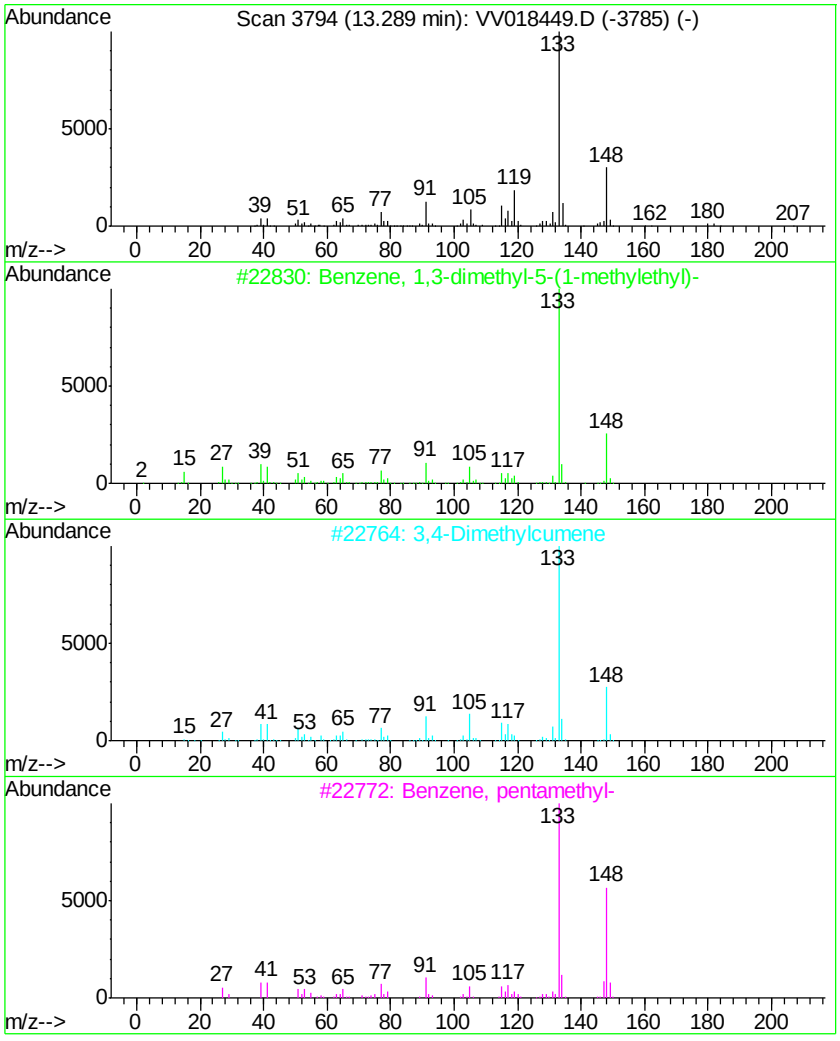
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

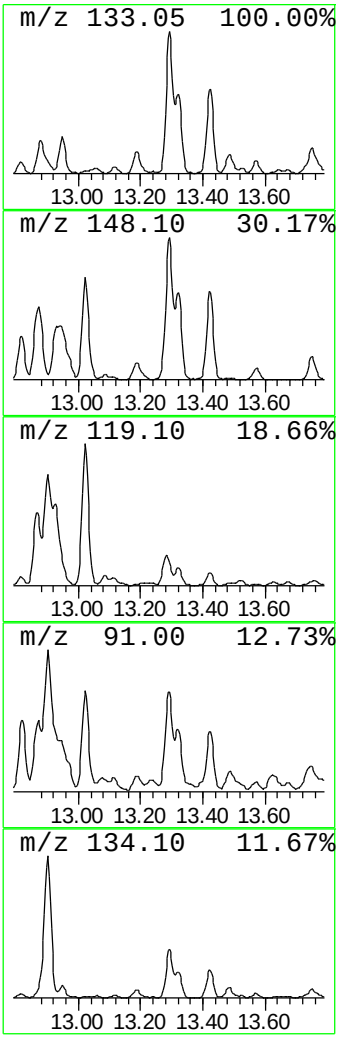
****

Peak Number 28 Benzene, pentamethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	12.22 ug/L	286811	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	94
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

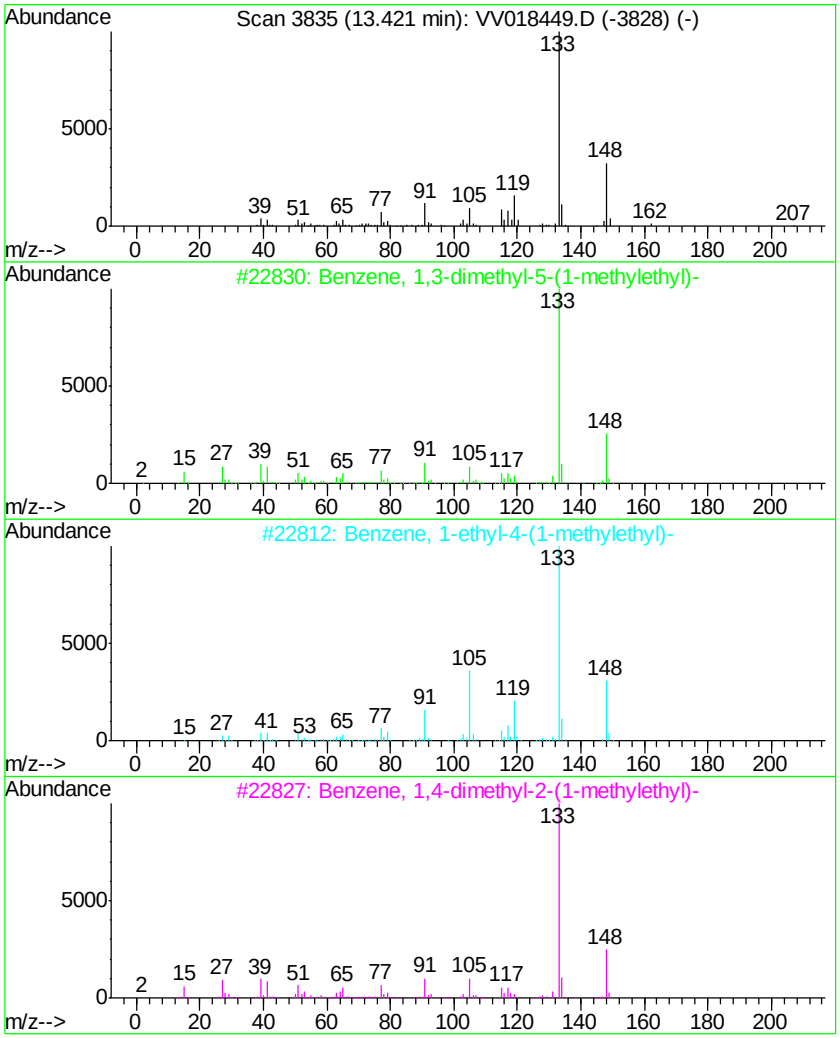
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

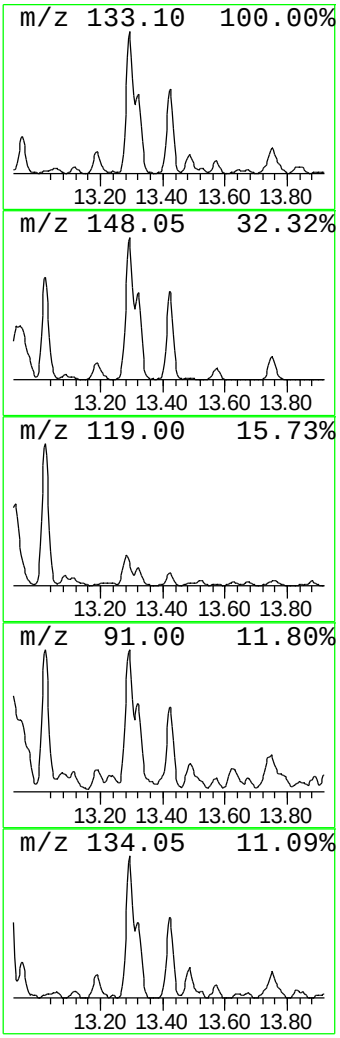
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	6.21 ug/L	145733	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	91
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

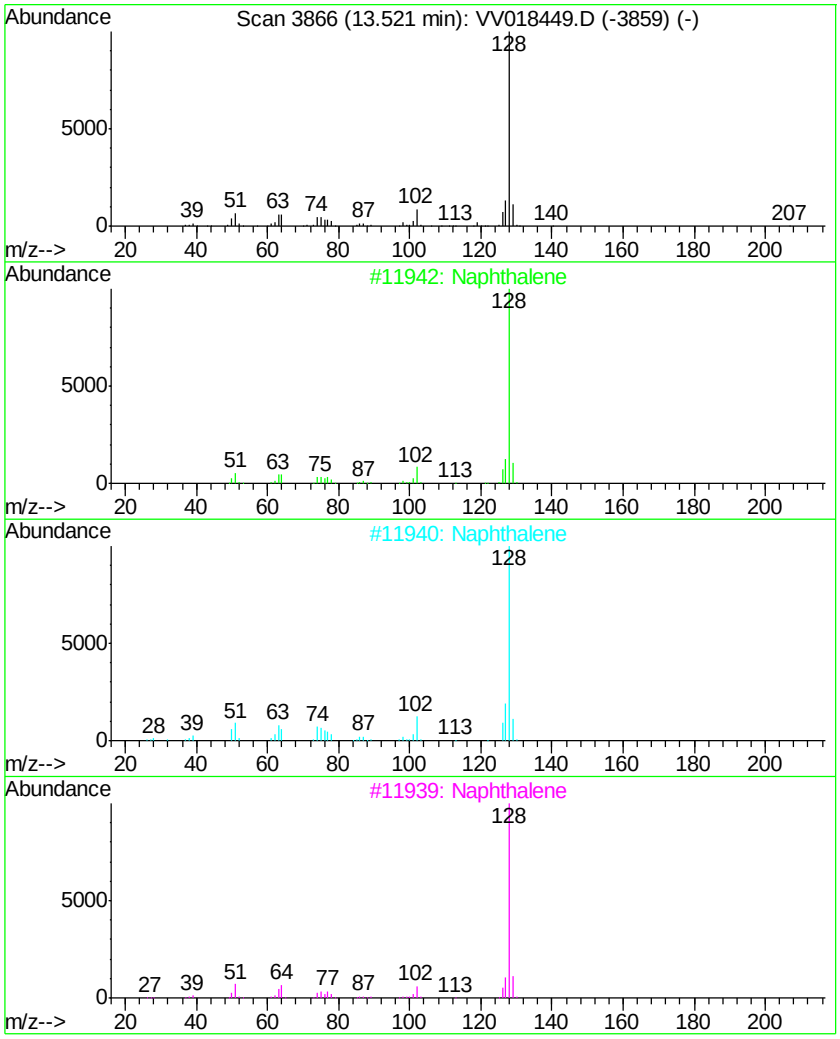
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

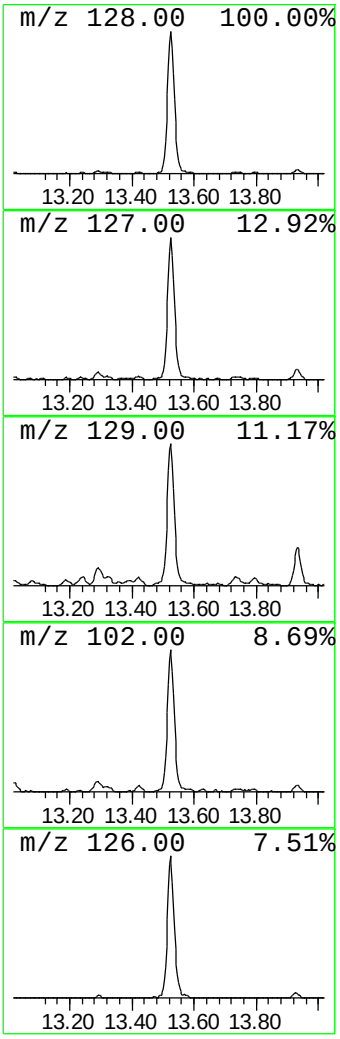
****

Peak Number 30 Azulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	14.01 ug/L	328809	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Naphthalene	128	C10H8	000091-20-3	94
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

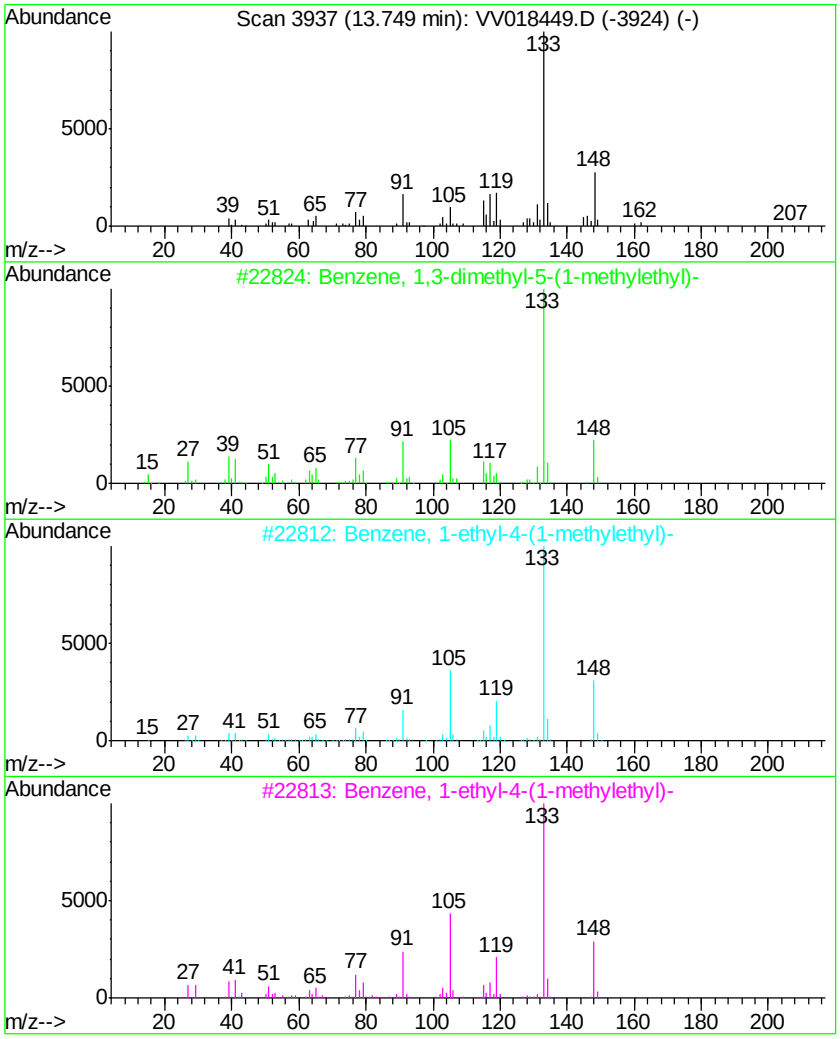
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

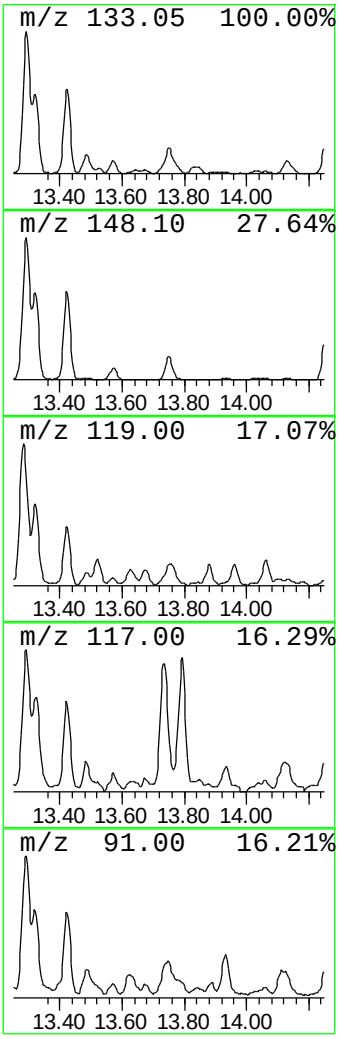
****

Peak Number 31 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	3.95 ug/L	92714	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	74
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	68
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	64
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

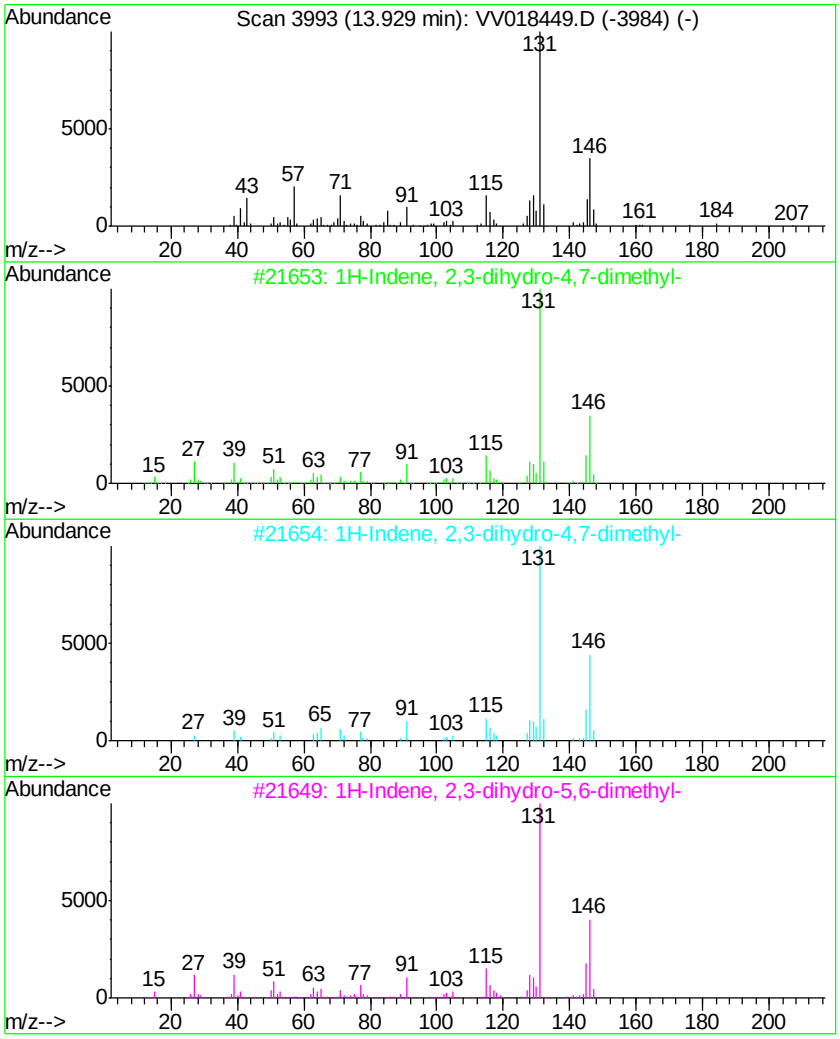
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

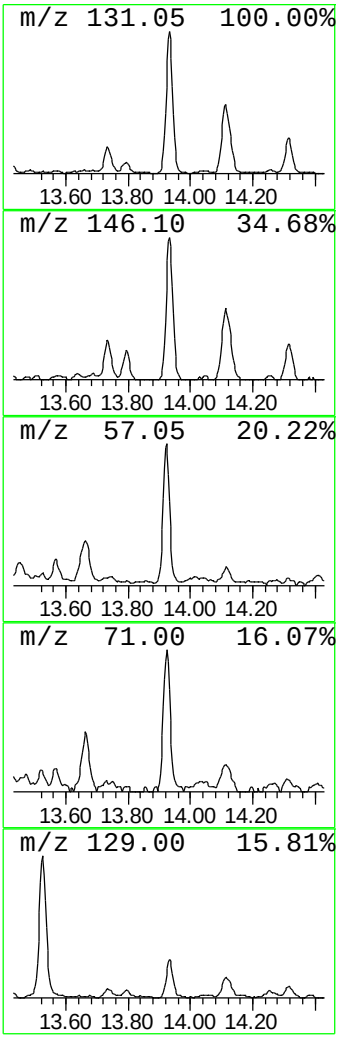
****

Peak Number 32 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	5.93 ug/L	139267	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	95
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

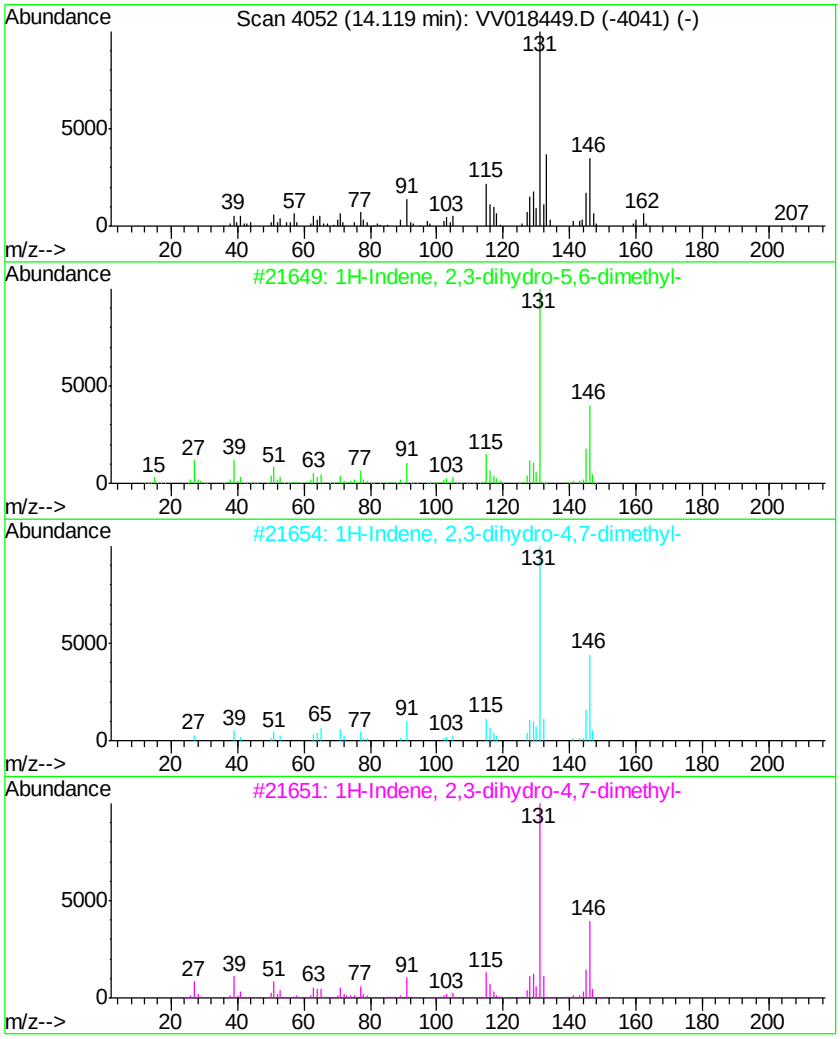
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

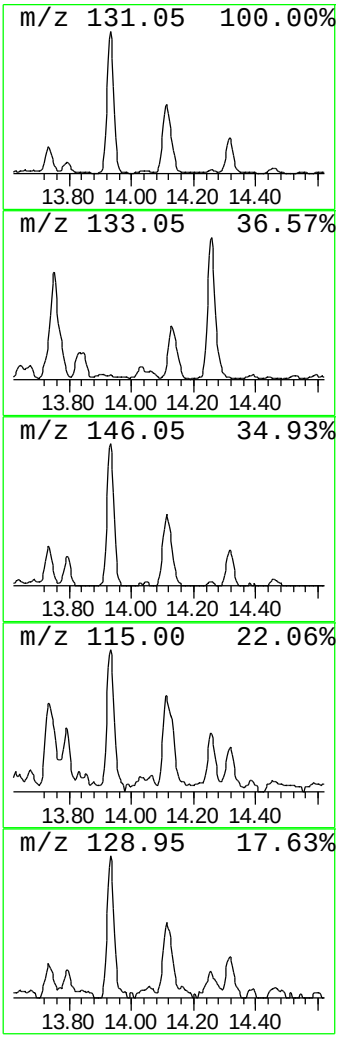
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	4.28 ug/L	100532	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

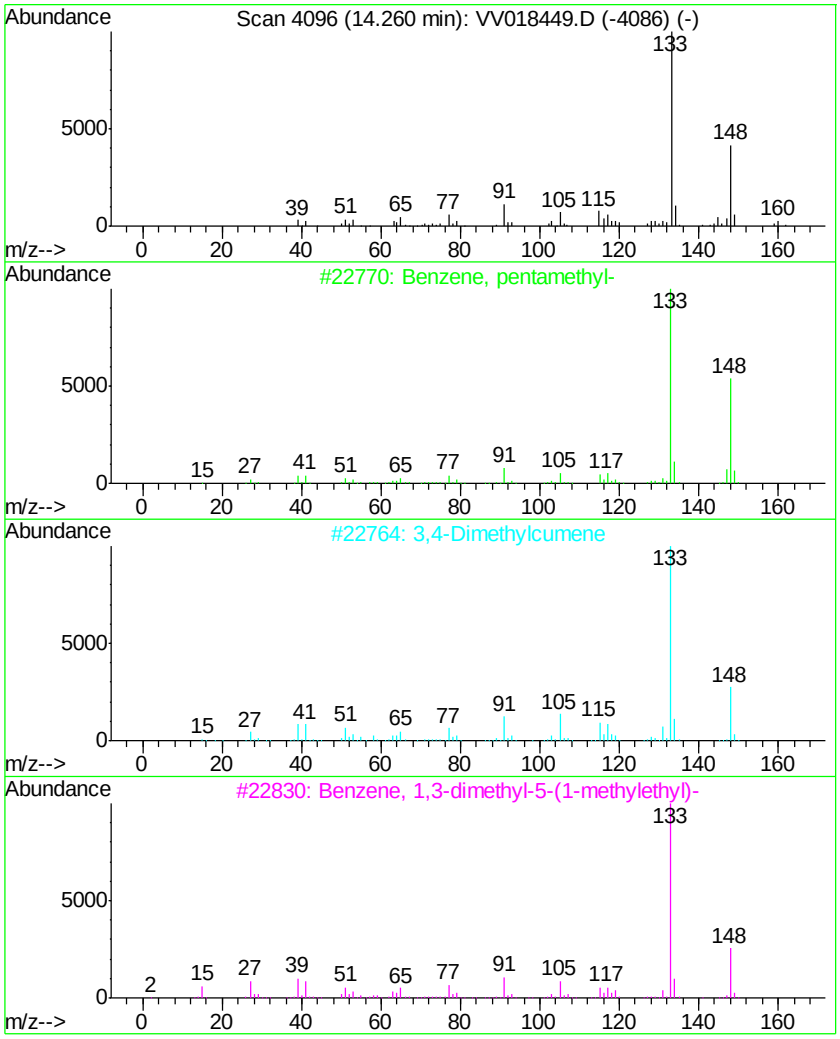
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

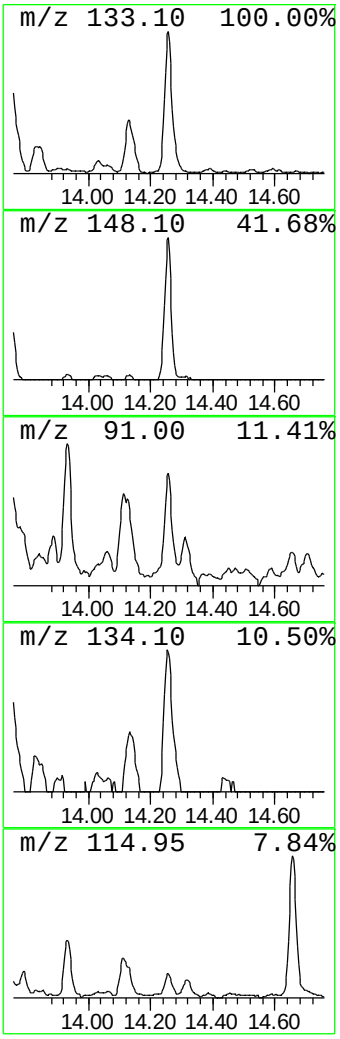
****

Peak Number 34 3,4-Dimethylcumene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	2.78 ug/L	65249	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018449.D
Acq On : 25 Sep 2020 12:48
Operator : SY/MD
Sample : VIBLK51
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.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...	3.06	7.7	ug/L	137355	1	5.64	888132	50.0
Benzene, propyl-	10.38	4.8	ug/L	113845	3	11.27	1173300	50.0
Benzene, 1-ethyl-...	10.47	23.0	ug/L	538888	3	11.27	1173300	50.0
Benzene, 1,2,3-tr...	10.56	12.3	ug/L	288952	3	11.27	1173300	50.0
(DEL) Alkane: Str...	10.60	7.6	ug/L	178103	3	11.27	1173300	50.0
4-Heptanone, 2,6-...	10.71	4.4	ug/L	103677	3	11.27	1173300	50.0
Benzene, 1-ethyl-...	10.76	5.8	ug/L	135287	3	11.27	1173300	50.0
Benzene, 1,2,4-tr...	10.94	31.9	ug/L	748555	3	11.27	1173300	50.0
Benzene, (2-methy...	11.08	3.3	ug/L	77788	3	11.27	1173300	50.0
unknown-01	11.36	6.3	ug/L	146579	3	11.27	1173300	50.0
Benzene, 1-methyl...	11.59	11.7	ug/L	274306	3	11.27	1173300	50.0
(DEL) Alkane: Str...	11.81	8.9	ug/L	208401	3	11.27	1173300	50.0
Benzene, 4-ethyl-...	11.93	11.2	ug/L	262108	3	11.27	1173300	50.0
Benzene, 1-ethyl-...	12.04	25.8	ug/L	605506	3	11.27	1173300	50.0
4-Methylphenyl ac...	12.18	7.9	ug/L	185949	3	11.27	1173300	50.0
Benzene, 1,3-diet...	12.28	4.1	ug/L	95526	3	11.27	1173300	50.0
o-Cymene	12.34	4.9	ug/L	114307	3	11.27	1173300	50.0
Benzene, 1,2,4,5-...	12.43	15.9	ug/L	372881	3	11.27	1173300	50.0
Benzene, 1,2,3,4-...	12.49	27.5	ug/L	645852	3	11.27	1173300	50.0
Benzene, 1-methyl...	12.57	4.6	ug/L	108890	3	11.27	1173300	50.0
Benzene, 1,4-diet...	12.61	2.8	ug/L	66150	3	11.27	1173300	50.0
1H-Indene, 2,3-di...	12.75	9.7	ug/L	227238	3	11.27	1173300	50.0
Bicyclo[4.1.0]hep...	12.82	4.1	ug/L	95585	3	11.27	1173300	50.0
Benzene, 2-ethyl-...	12.87	6.0	ug/L	141569	3	11.27	1173300	50.0
1-Phenyl-1-butene	12.90	25.6	ug/L	599620	3	11.27	1173300	50.0
Benzene, (1,1-dim...	13.02	8.6	ug/L	202362	3	11.27	1173300	50.0
Benzene, pentamet...	13.29	12.2	ug/L	286811	3	11.27	1173300	50.0
Benzene, 1-ethyl-...	13.42	6.2	ug/L	145733	3	11.27	1173300	50.0
Azulene	13.52	14.0	ug/L	328809	3	11.27	1173300	50.0
Benzene, 1-ethyl-...	13.75	4.0	ug/L	92714	3	11.27	1173300	50.0
1H-Indene, 2,3-di...	13.93	5.9	ug/L	139267	3	11.27	1173300	50.0
1H-Indene, 2,3-di...	14.12	4.3	ug/L	100532	3	11.27	1173300	50.0
3,4-Dimethylcumene	14.26	2.8	ug/L	65249	3	11.27	1173300	50.0