LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

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	245641	247119	13.42%	1.839%
2	1.576	144	151	166	rVB	217451	243850	13.24%	1.815%
3	2.122	311	321	337	rBV	422503	629258	34.18%	4.683%
4	2.637	479	481	483	rVB	344	139	0.01%	0.001%
5	2.650	483	485	487	rBV2	355	213	0.01%	0.002%
6	2.717	504	506	508	rVB	489	202	0.01%	0.002%
7	2.730	508	510	511	rBV	402	194	0.01%	0.001%
8	2.778	511	525	541	rVV2	63273	130440	7.08%	0.971%
9	2.891	557	560	563	rBV2	455	413	0.02%	0.003%
10	2.920	566	569	573	rVV	612	510	0.03%	0.004%
11	2.971	577	585	587	rBV3	594	575	0.03%	0.004%
12	3.061	599	613	636	rBV2	106798	216300	11.75%	1.610%
13	3.164	643	645	648	rBV4	521	360	0.02%	0.003%
14	3.261	670	675	677	rBV4	748	550	0.03%	0.004%
15	3.290	681	684	688	rBV2	310	336	0.02%	0.003%
16	3.341	697	700	706	rBV2	504	439	0.02%	0.003%
17	3.409	718	721	722	rBV	374	186	0.01%	0.001%
18	3.470	736	740	741	rBV2	302	180	0.01%	0.001%
19	3.569	753	771	782	rBV6	4227	10756	0.58%	0.080%
20	3.643	789	794	796	rBV3	500	456	0.02%	0.003%
21	3.659	796	799	802	rBV2	558	510	0.03%	0.004%
22	3.788	823	839	860	rBV2	48866	124247	6.75%	0.925%
23	3.900	864	874	907	rBV	136224	377133	20.48%	2.806%
24	4.373	1005	1021	1049	rBV	286256	710003	38.56%	5.283%
25	4.640	1091	1104	1112	rBV8	3119	7544	0.41%	0.056%
26	4.788	1148	1150	1152	rBV3	370	160	0.01%	0.001%
27	4.817	1157	1159	1162	rBV	294	225	0.01%	0.002%
28	4.855	1169	1171	1174	rBV2	351	250	0.01%	0.002%
29	4.933	1194	1195	1199	rVB3	482	200	0.01%	0.001%
30	4.958	1199	1203	1205	rBV2	515	348	0.02%	0.003%
31	5.071	1221	1238	1265	rBV2	713826	1841242	100.00%	13.702%
32	5.505	1367	1373	1375	rBV	368	338	0.02%	0.003%
33	5.579	1394	1396	1398	rBV2	554	272	0.01%	0.002%
34	5.640	1403	1415	1434	rBV	225664	455040	24.71%	3.386%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

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	5.926	1492	1504	1527	rBV	66642	135074	7.34%	1.005%
36	6.093	1540	1556	1582	rBV	412045	837033	45.46%	6.229%
37	6.357	1635	1638	1639	rBV2	299	196	0.01%	0.001%
38	6.425	1658	1659	1662	rBV	437	219	0.01%	0.002%
39	6.463	1666	1671	1673	rBV2	389	265	0.01%	0.002%
40	6.482	1673	1677	1678	rBV2	486	330	0.02%	0.002%
41	6.611	1715	1717	1723	rVB4	376	302	0.02%	0.002%
42	6.666	1726	1734	1735	rBV2	812	806	0.04%	0.006%
43	6.833	1784	1786	1788	rBV	361	191	0.01%	0.001%
44	6.913	1808	1811	1814	rBV	467	263	0.01%	0.002%
45	6.936	1814	1818	1821	rBV2	226	148	0.01%	0.001%
46	7.006	1826	1840	1864	rBV	230370	419716	22.80%	3.123%
47	7.338	1931	1943	1958	rBV	837305	1434300	77.90%	10.673%
48	7.640	2027	2037	2063	rBV	167077	291368	15.82%	2.168%
49	7.955	2130	2135	2140	rBV4	969	1330	0.07%	0.010%
50	7.997	2142	2148	2159	rVB5	6054	10617	0.58%	0.079%
51	8.106	2172	2182	2222	rBV2	396176	825168	44.82%	6.140%
52	8.592	2331	2333	2334	rBV2	467	196	0.01%	0.001%
53	8.704	2365	2368	2373	rBV3	732	777	0.04%	0.006%
54	8.817	2397	2403	2406	rBV2	547	575	0.03%	0.004%
55	8.875	2409	2421	2448	rVV	349511	582083	31.61%	4.332%
56	9.039	2463	2472	2483	rBV	18071	28948	1.57%	0.215%
57	9.161	2500	2510	2524	rBV2	44289	74486	4.05%	0.554%
58	9.267	2540	2543	2544	rBV2	456	268	0.01%	0.002%
59	9.309	2554	2556	2558	rBV	348	159	0.01%	0.001%
60	9.341	2562	2566	2567	rBV	384	264	0.01%	0.002%
61	9.357	2569	2571	2576	rVB3	471	333	0.02%	0.002%
62	9.479	2606	2609	2610	rBV2	561	266	0.01%	0.002%
63	9.566	2627	2636	2650	rVV2	25995	42869	2.33%	0.319%
64	9.630	2654	2656	2659	rBV3	442	280	0.02%	0.002%
65	9.723	2683	2685	2688	rBV	287	212	0.01%	0.002%
66	9.746	2688	2692	2697	rVV3	495	589	0.03%	0.004%
67	9.955	2746	2757	2771	rBV2	16742	26338	1.43%	0.196%
68	10.103	2797	2803	2807	rBV4	521	643	0.03%	0.005%
69	10.238	2832	2845	2865	rBV	417697	652390	35.43%	4.855%
70	10.376	2877	2888	2902	rBV	61978	101203	5.50%	0.753%
71	10.469	2906	2917	2937	rVV	175937	365159	19.83%	2.717%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

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	10.563	2937	2946	2958	rVB	32056	49784	2.70%	0.370%
73	10.714	2983	2993	3000	rBV	39914	62722	3.41%	0.467%
74	10.759	3001	3007	3021	rVB	86848	129453	7.03%	0.963%
75	10.936	3053	3062	3074	rBV	81169	124640	6.77%	0.928%
76	11.148	3125	3128	3131	rBV3	717	474	0.03%	0.004%
77	11.177	3135	3137	3141	rVV3	869	617	0.03%	0.005%
78	11.212	3143	3148	3155	rVV5	4379	5628	0.31%	0.042%
79	11.270	3155	3166	3184	rVV	391407	599900	32.58%	4.464%
80	11.357	3185	3193	3208	rVB	39677	60258	3.27%	0.448%
81	11.431	3214	3216	3222	rBV3	487	410	0.02%	0.003%
82	11.476	3227	3230	3234	rBV3	485	440	0.02%	0.003%
83	11.553	3244	3254	3262	rBV3	17832	34657	1.88%	0.258%
84	11.646	3272	3283	3304	rVB	896006	1413488	76.77%	10.518%
85	11.768	3315	3321	3328	rBV7	1512	2097	0.11%	0.016%
86	11.820	3334	3337	3338	rBV2	459	270	0.01%	0.002%
87	11.845	3338	3345	3356	rVB	5405	8245	0.45%	0.061%
88	11.936	3365	3373	3377	rBV2	4305	5579	0.30%	0.042%
89	12.042	3396	3406	3414	rBV2	7321	11495	0.62%	0.086%
90	12.437	3523	3529	3538	rVB5	2748	4171	0.23%	0.031%
91	12.601	3578	3580	3585	rBV2	551	374	0.02%	0.003%
92	12.752	3620	3627	3638	rBV5	1715	2407	0.13%	0.018%
93	12.817	3643	3647	3648	rBV2	682	462	0.03%	0.003%
94	12.997	3700	3703	3705	rBV2	990	608	0.03%	0.005%
95	13.289	3785	3794	3804	rVB3	14469	20925	1.14%	0.156%
96	13.469	3843	3850	3860	rBV4	5539	8933	0.49%	0.066%
97	13.530	3861	3869	3885	rVV	21210	35645	1.94%	0.265%
98	13.607	3886	3893	3905	rVB4	6626	10705	0.58%	0.080%
99	13.768	3936	3943	3952	rVB5	5126	8189	0.44%	0.061%
100	13.961	4002	4003	4007	rBV2	469	262	0.01%	0.002%

Sum of corrected areas: 13438190

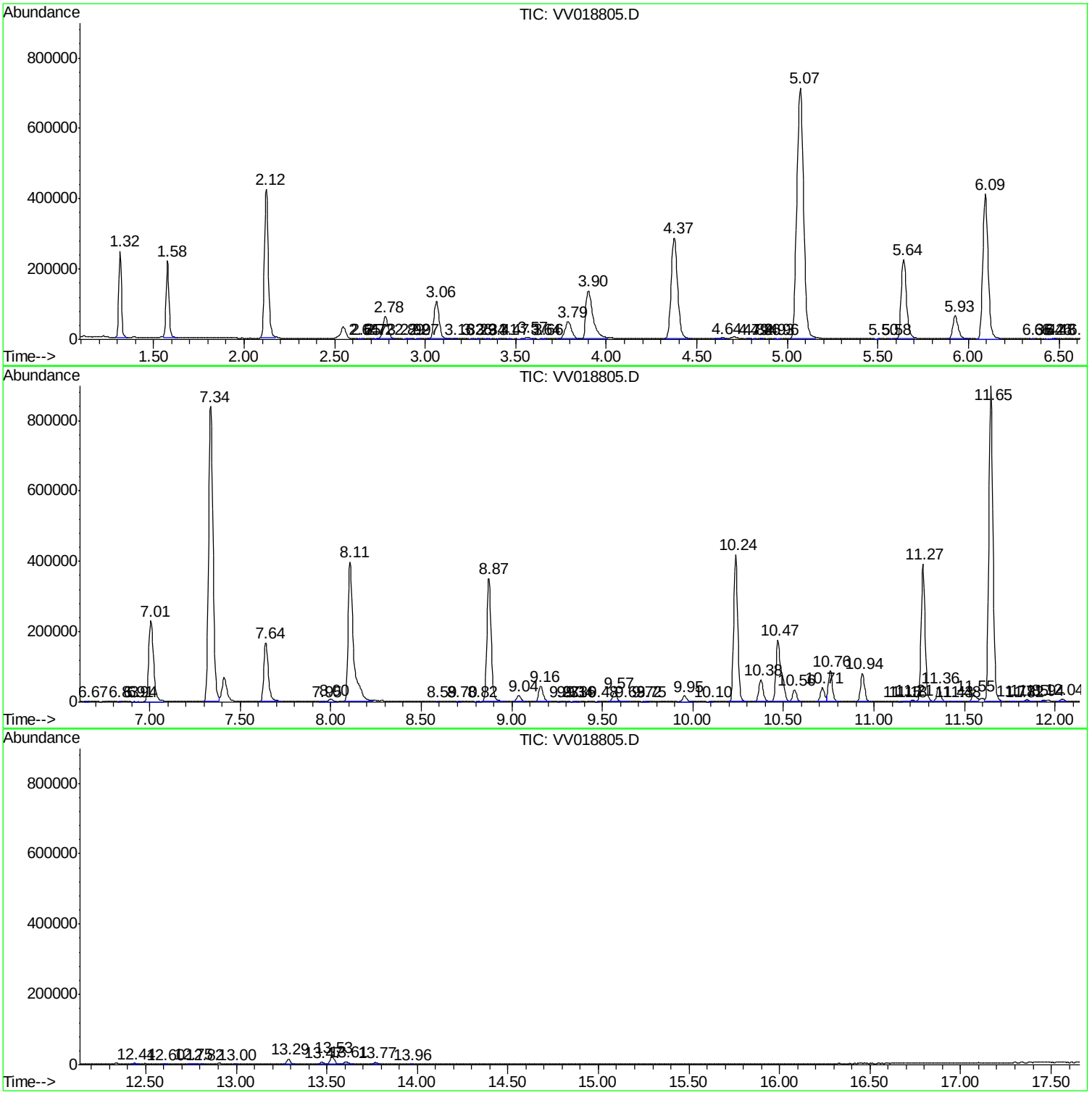
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

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 : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

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

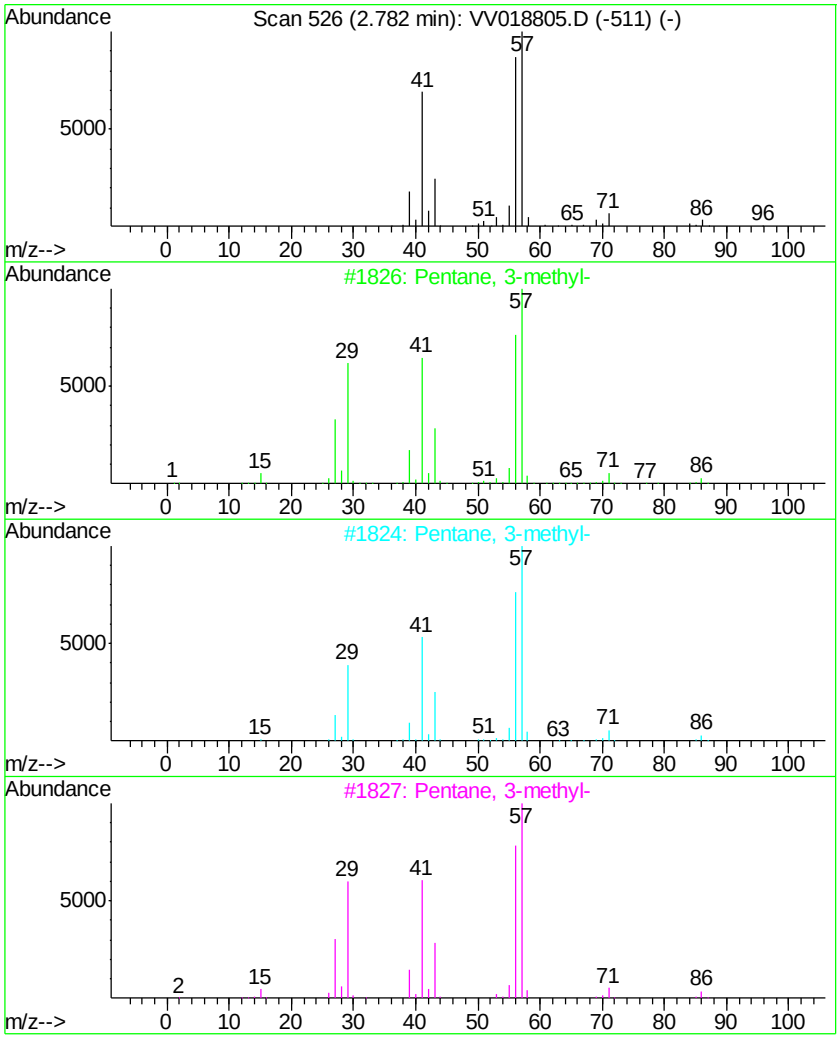
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

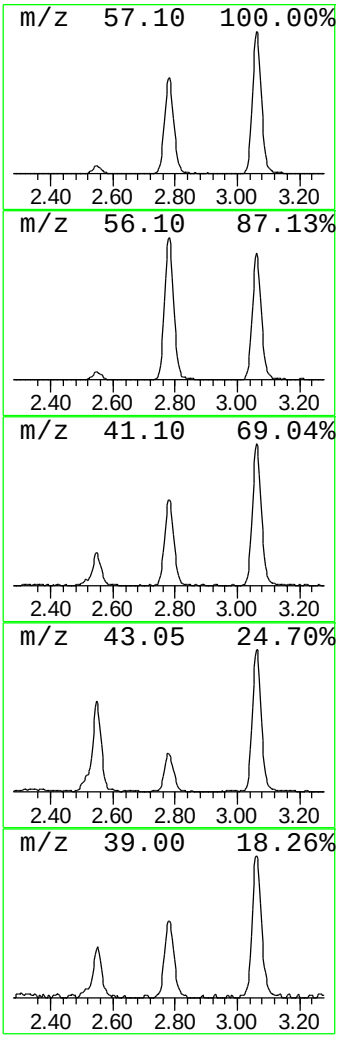
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	14.33 ug/L	130440	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

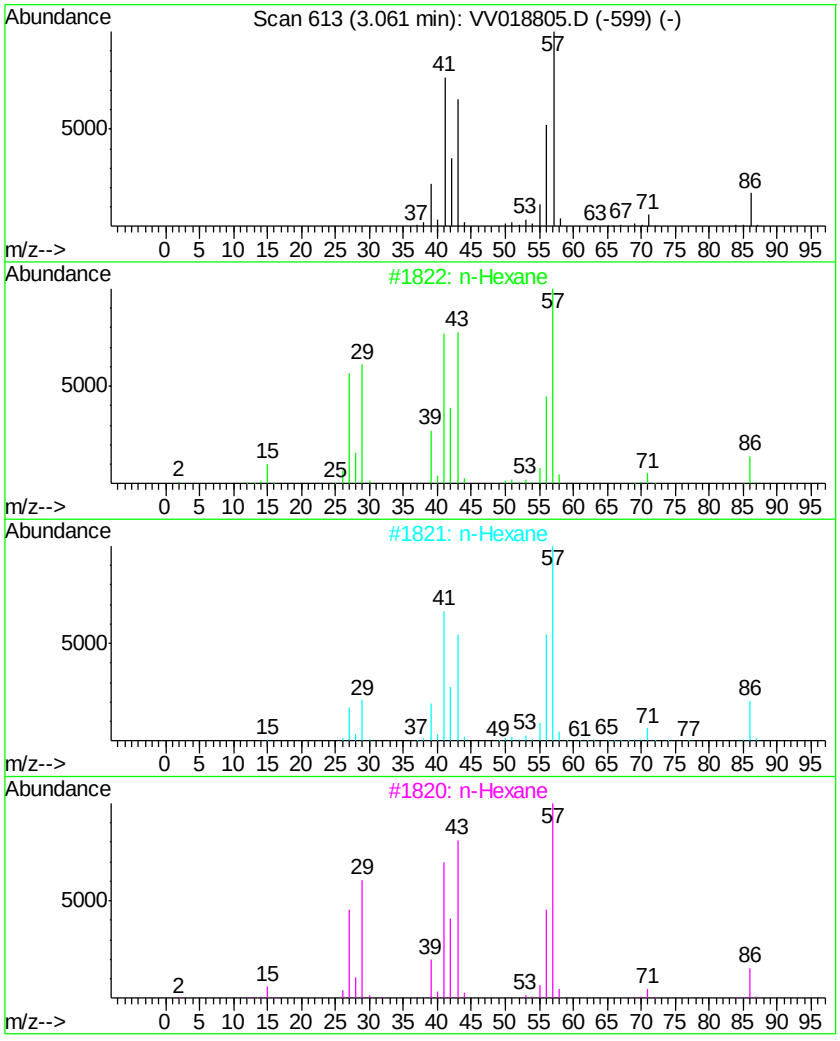
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

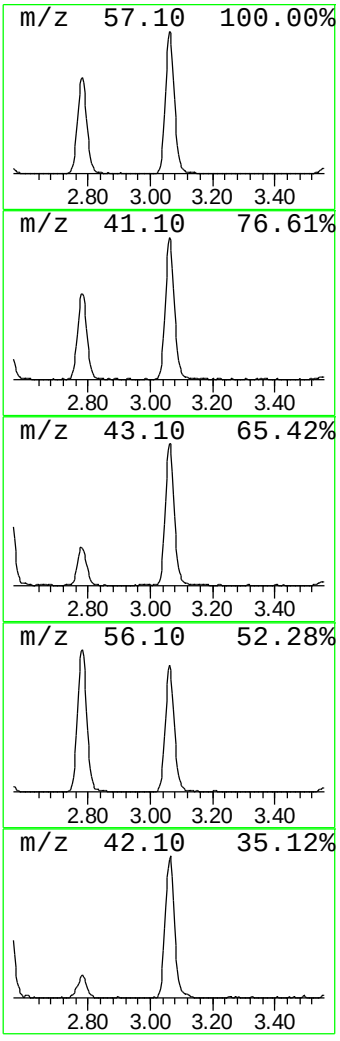
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	23.77 ug/L	216300	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	91
3	n-Hexane	86	C6H14	000110-54-3	91
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	47





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

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

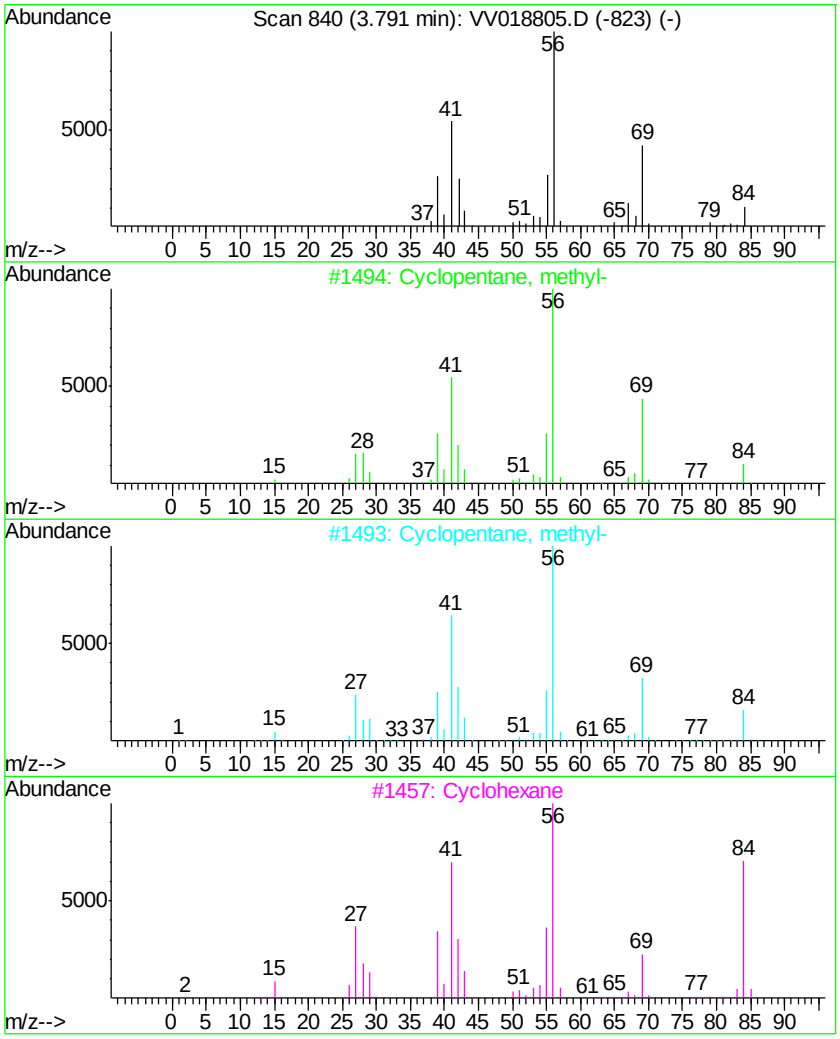
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

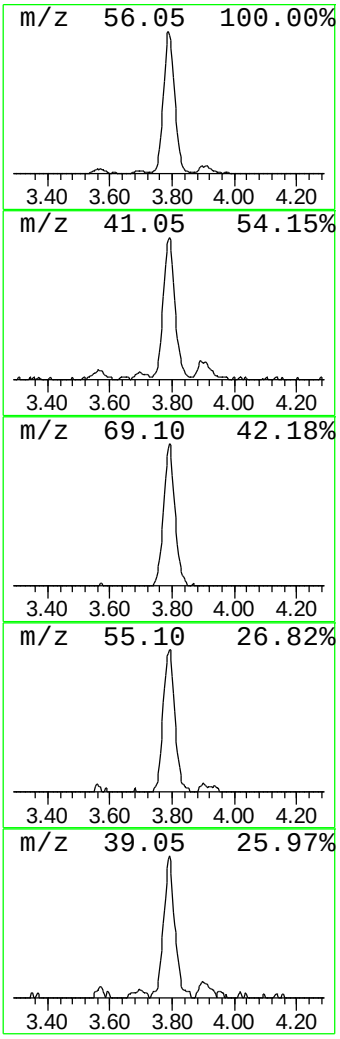
****

Peak Number 3 (DEL) Alkane: Cyclic3.79 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	13.65 ug/L	124247	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclohexane	84	C6H12	000110-82-7	86
4	Cyclohexane	84	C6H12	000110-82-7	86
5	Cyclohexane	84	C6H12	000110-82-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

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

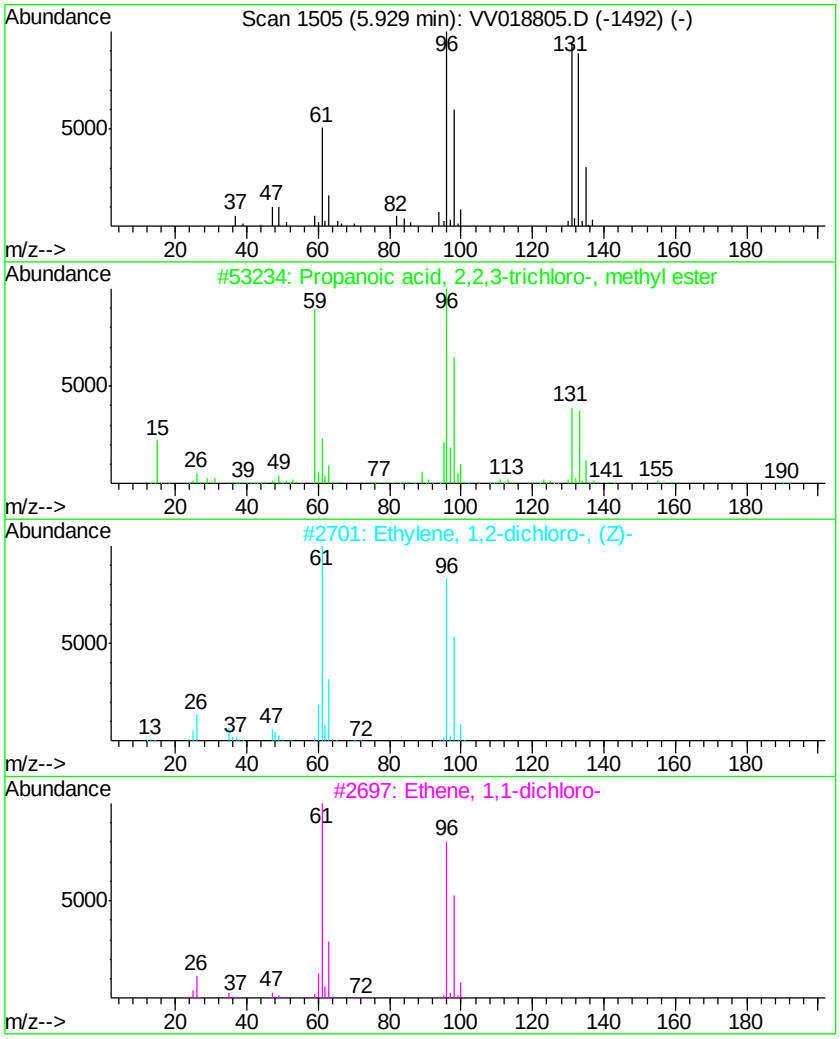
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

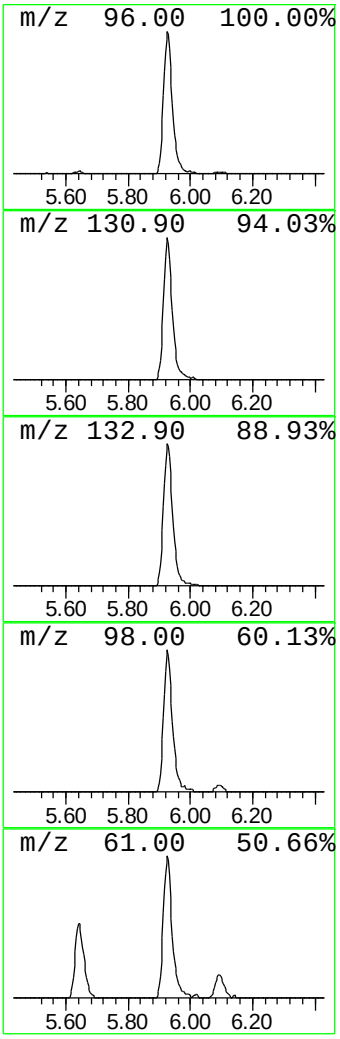
****

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	14.84 ug/L	135074	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	42
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	41
3	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	41
4	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	38
5	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

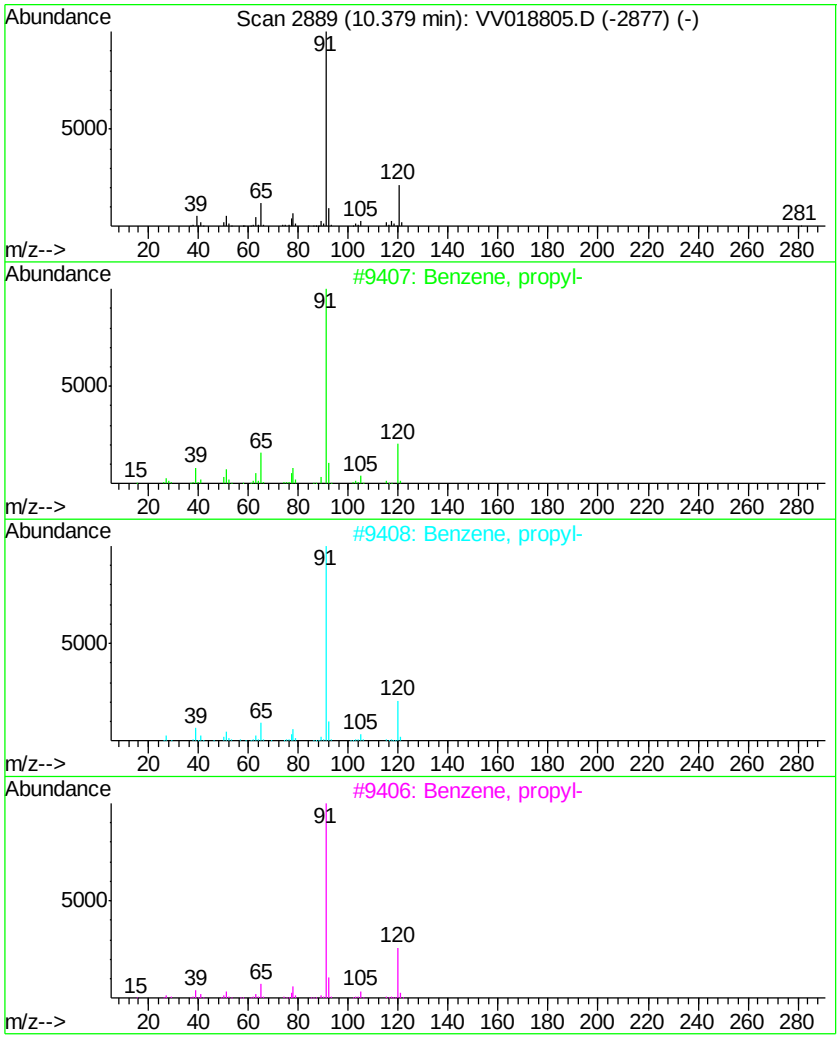
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

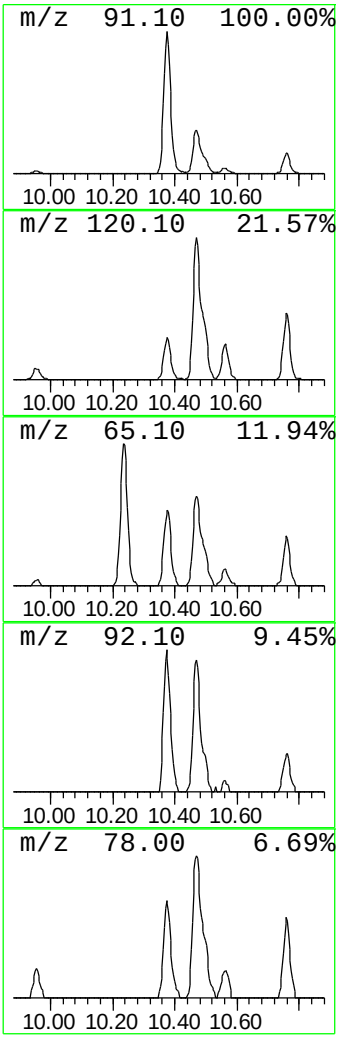
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	8.43 ug/L	101203	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	86
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

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

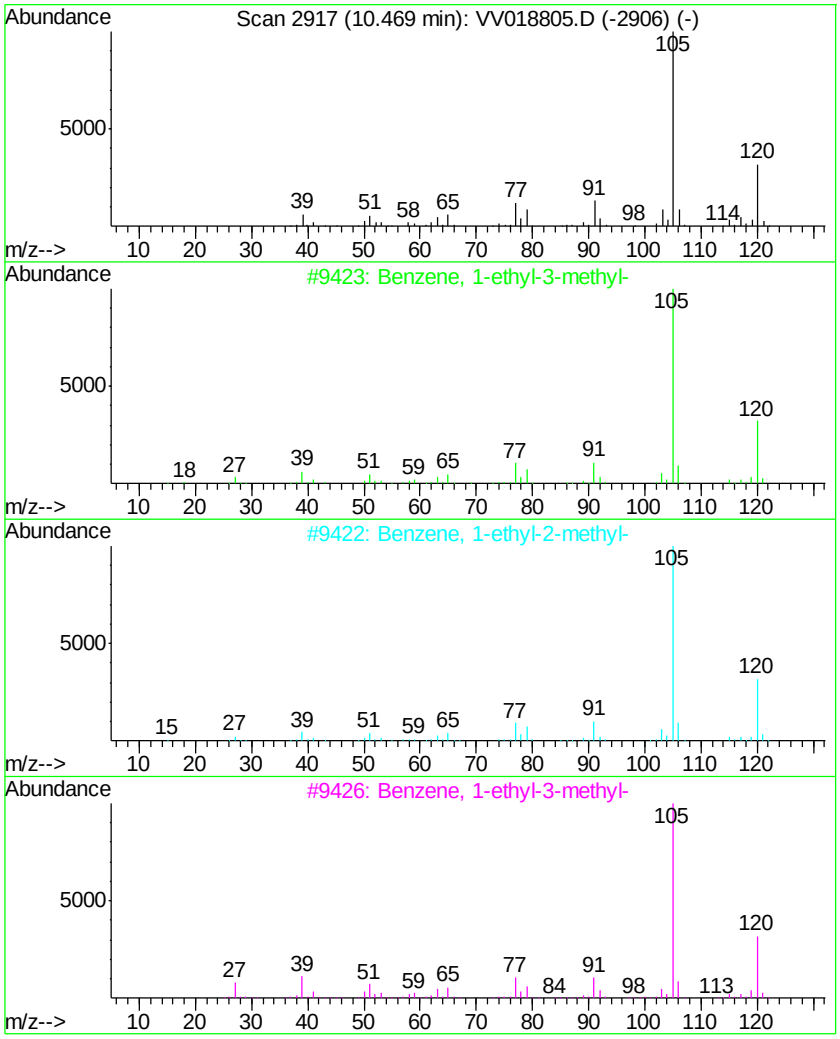
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

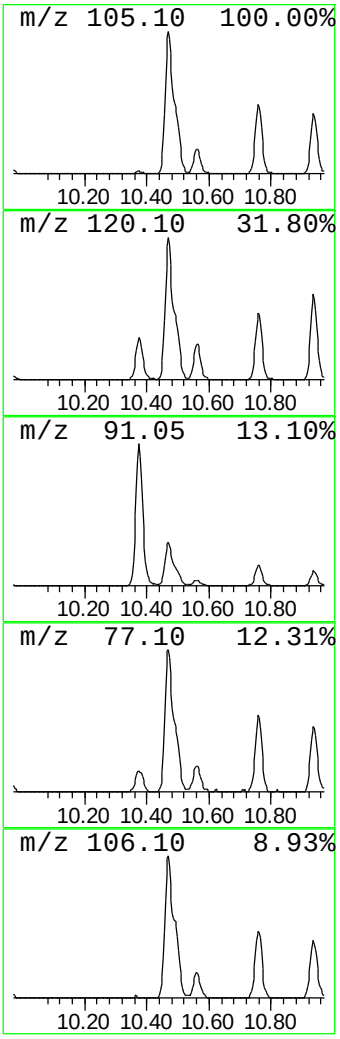
****

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	30.44 ug/L	365159	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	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

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

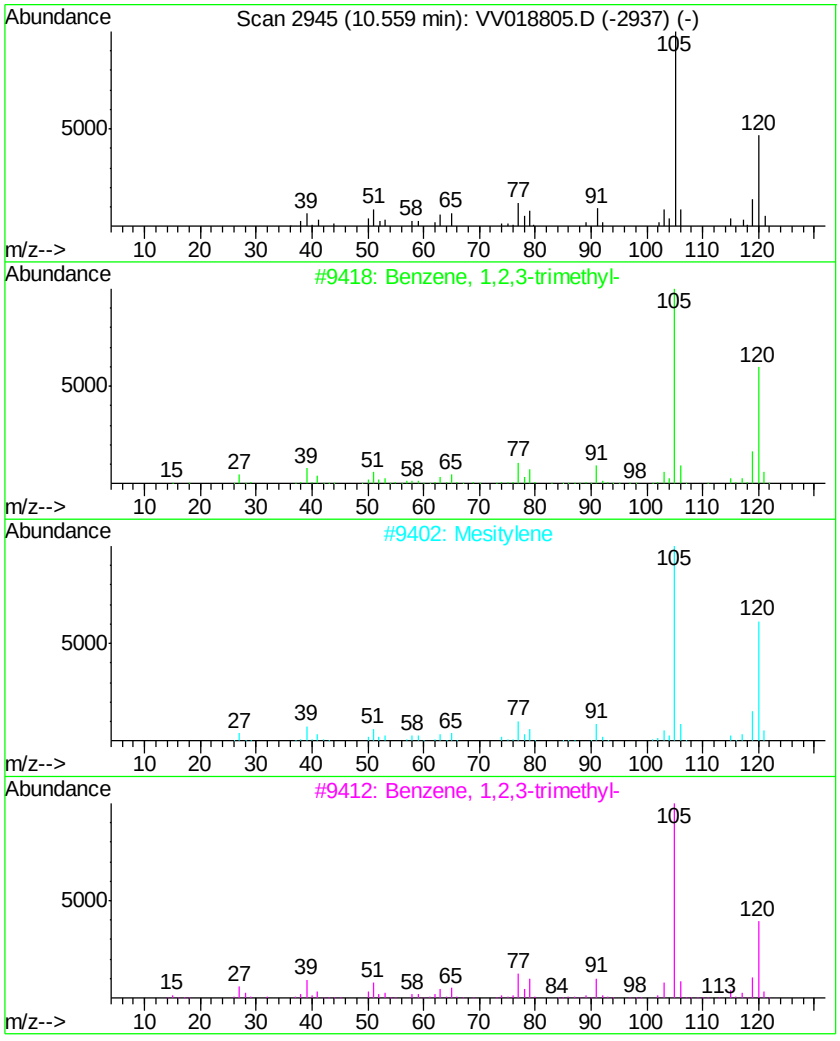
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

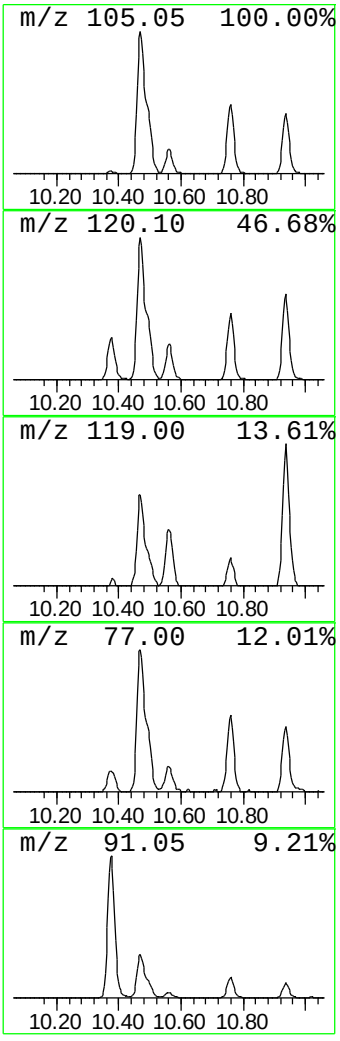
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	4.15 ug/L	49784	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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

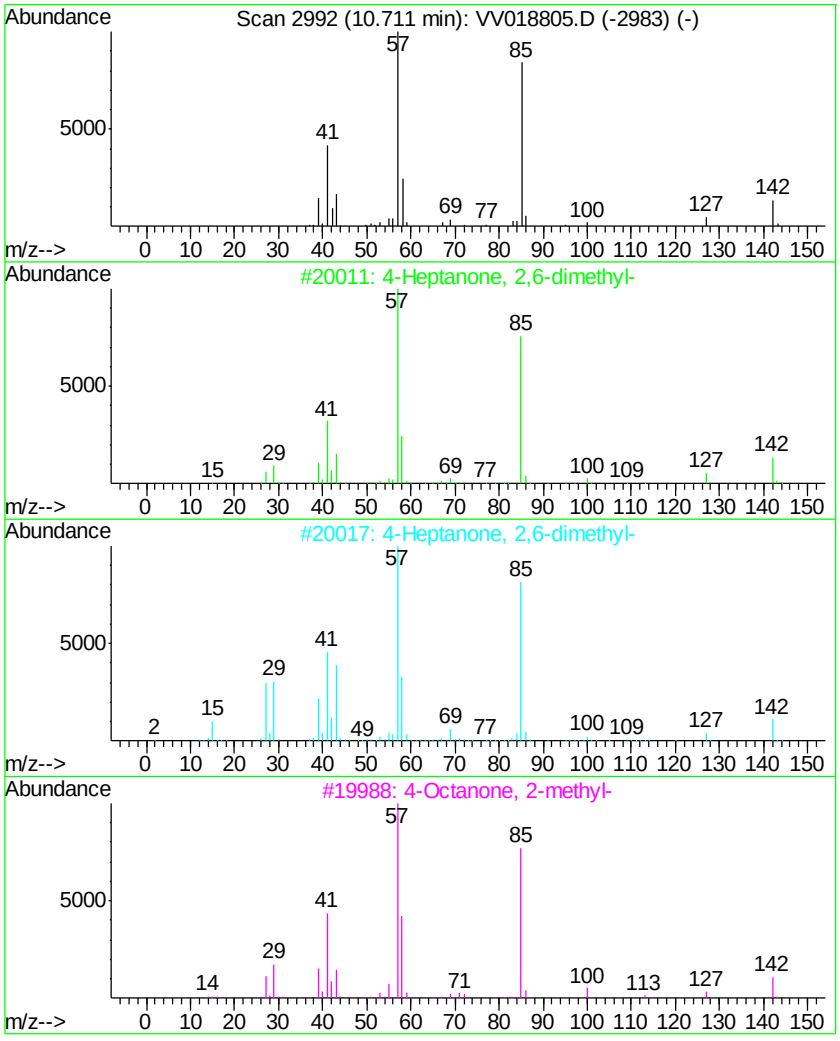
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

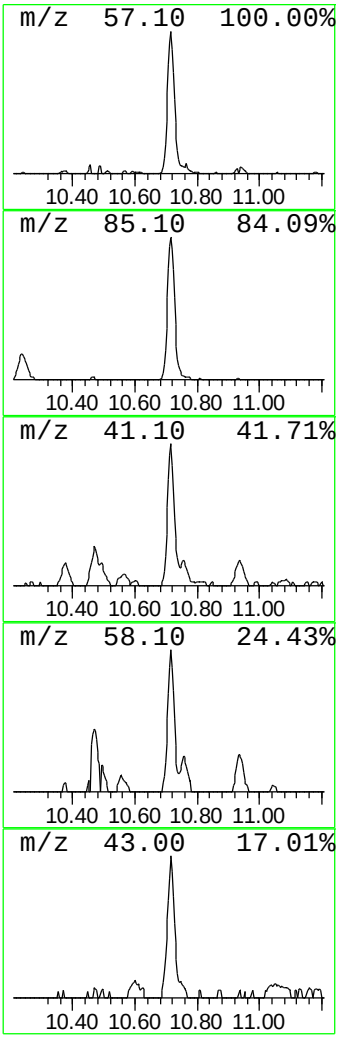
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4-Heptanone, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	5.23 ug/L	62722	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	91
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	90
3	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	80
4	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	72
5	5-Nonanone	142	C9H18O	000502-56-7	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

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

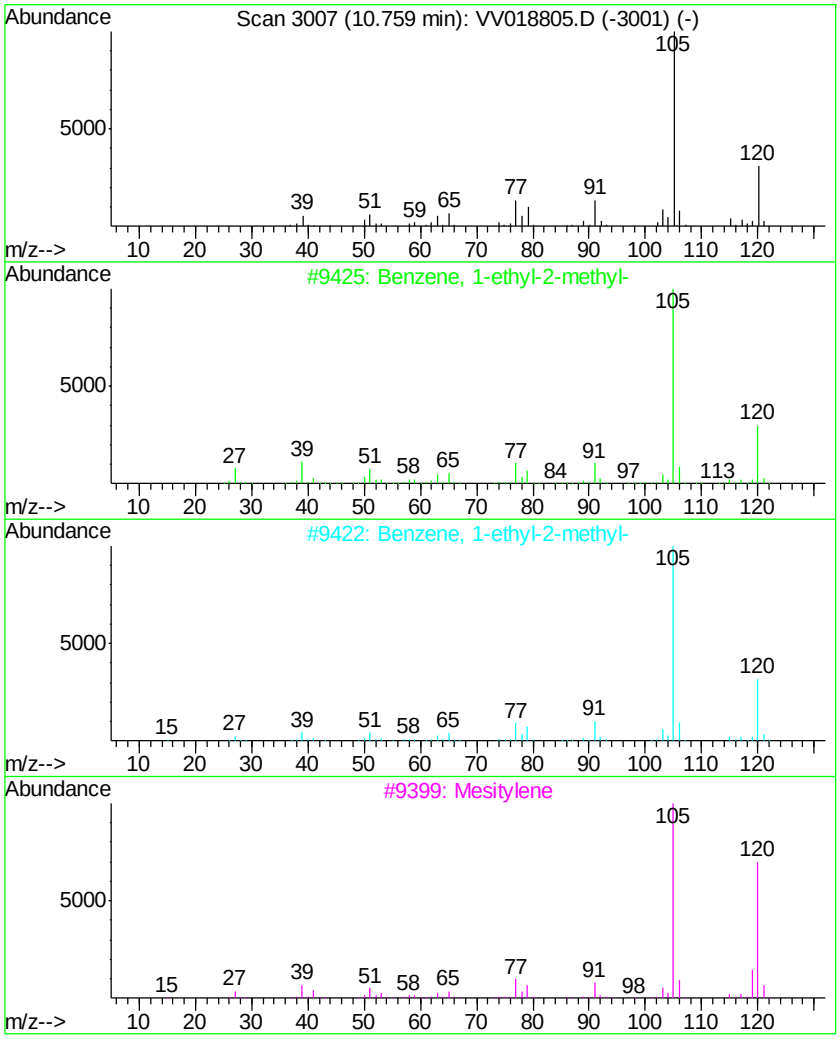
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

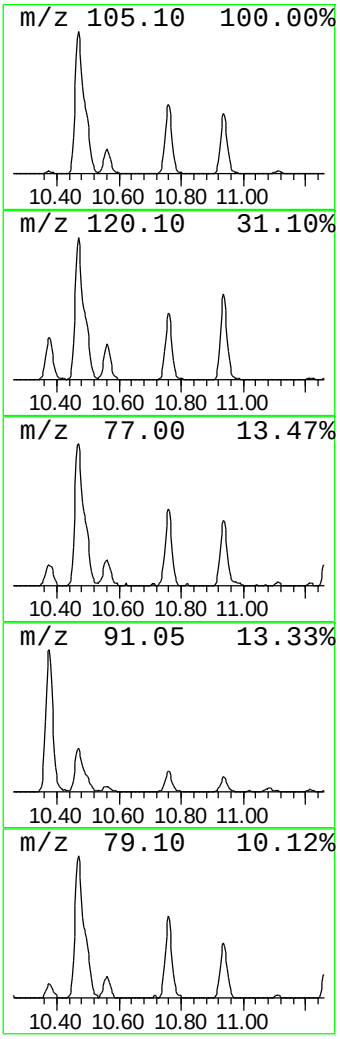
****

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	10.79 ug/L	129453	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	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

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

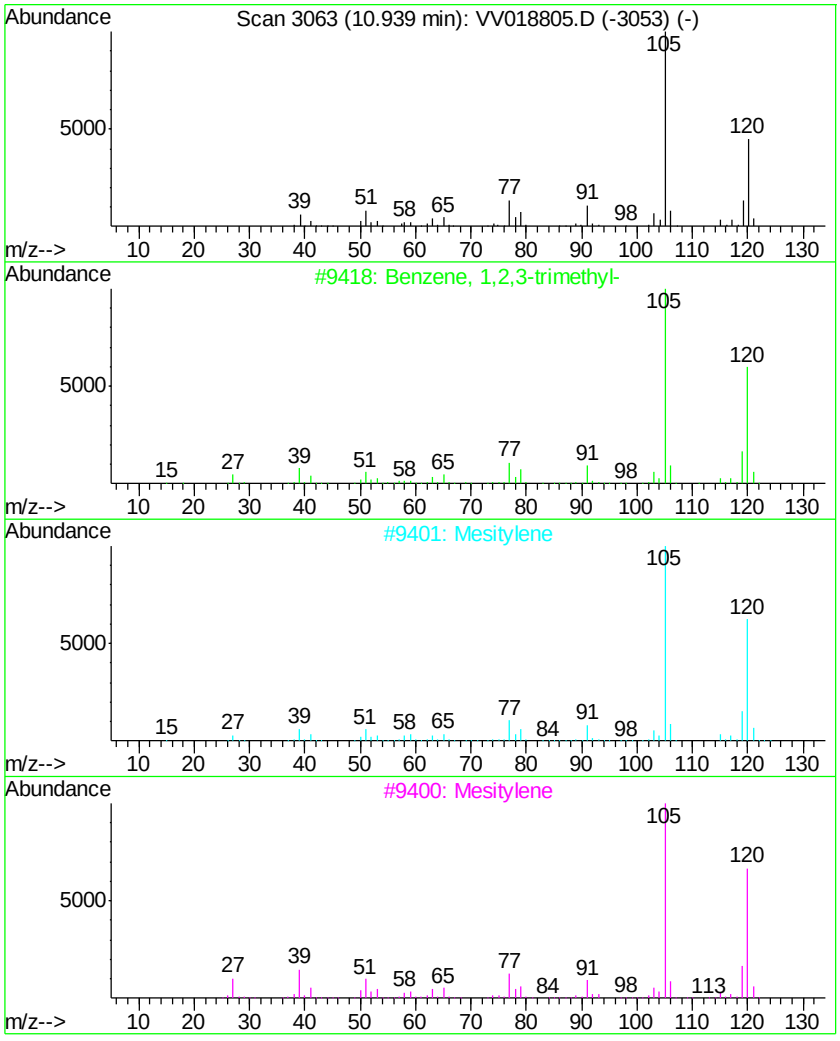
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

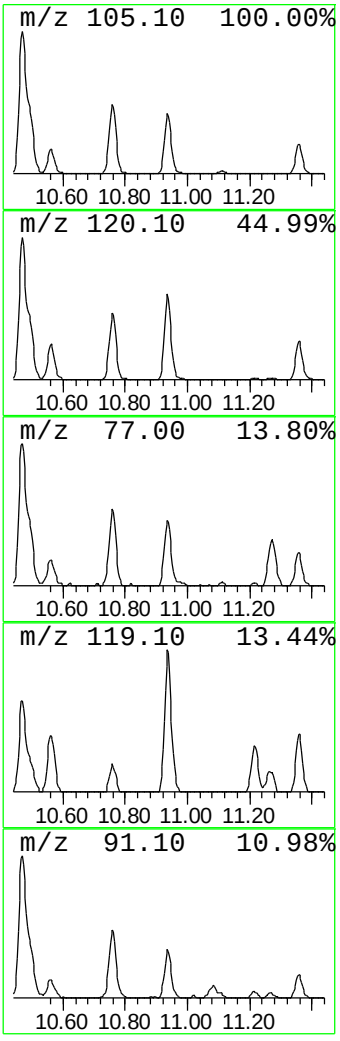
****

Peak Number 11 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	10.39 ug/L	124640	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	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	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\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

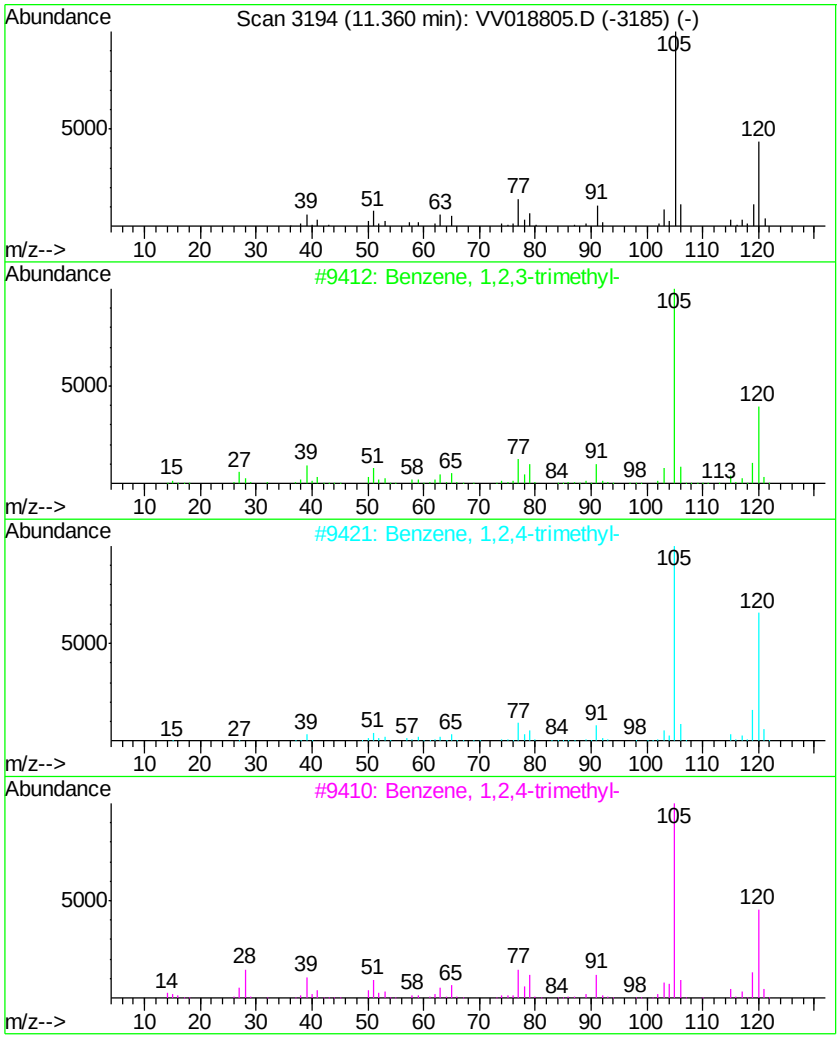
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

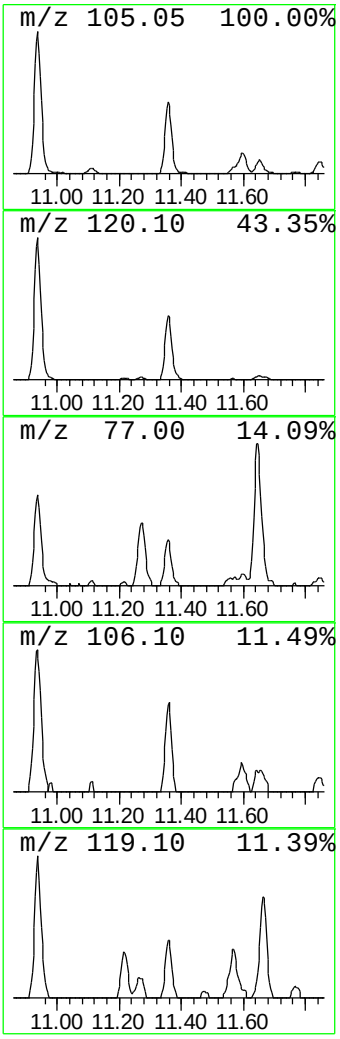
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	5.02 ug/L	60258	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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

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

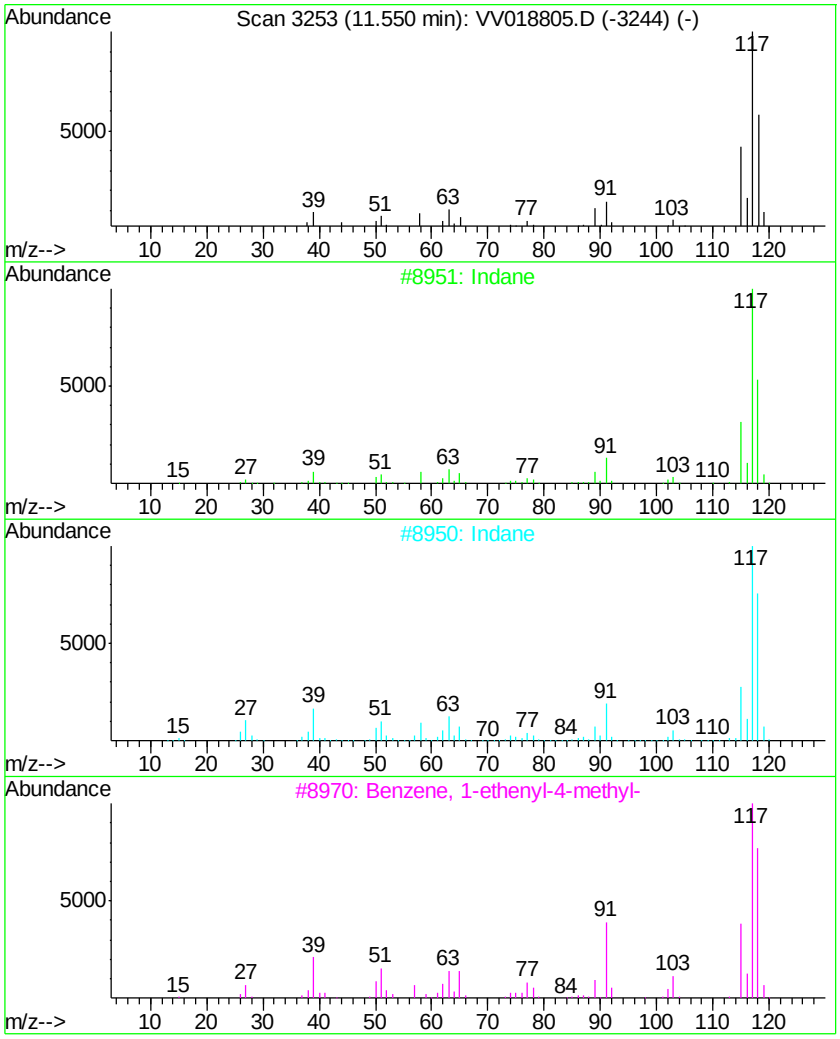
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

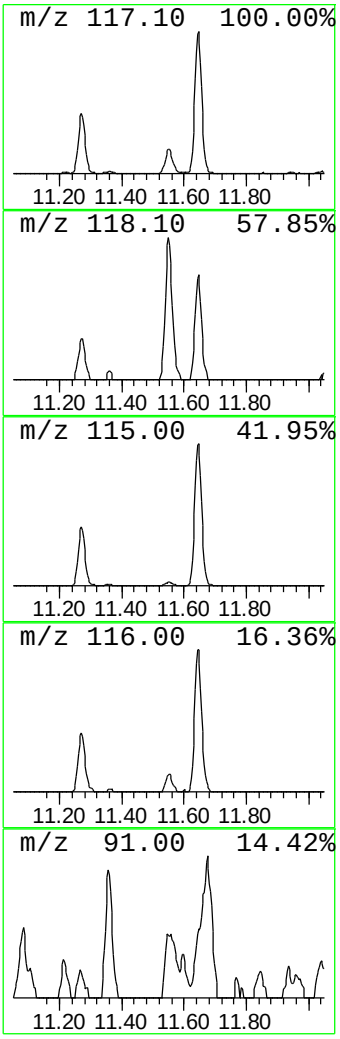
****

Peak Number 13 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.89 ug/L	34657	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	68
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

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

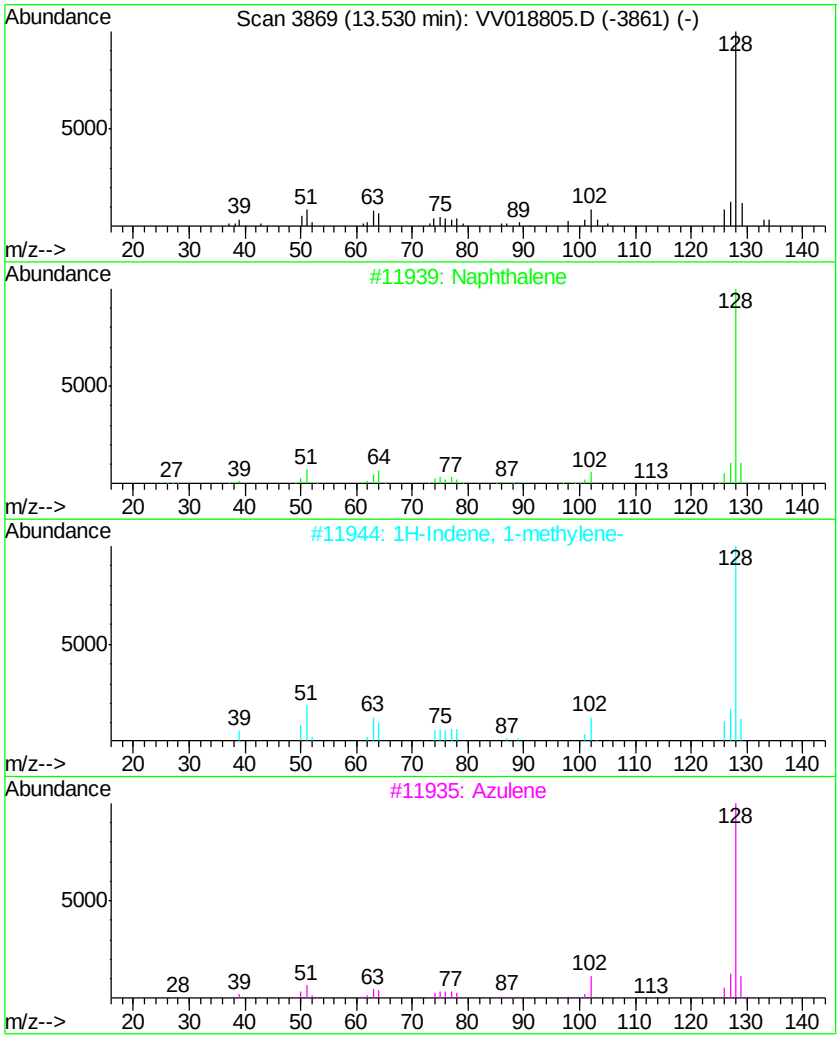
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

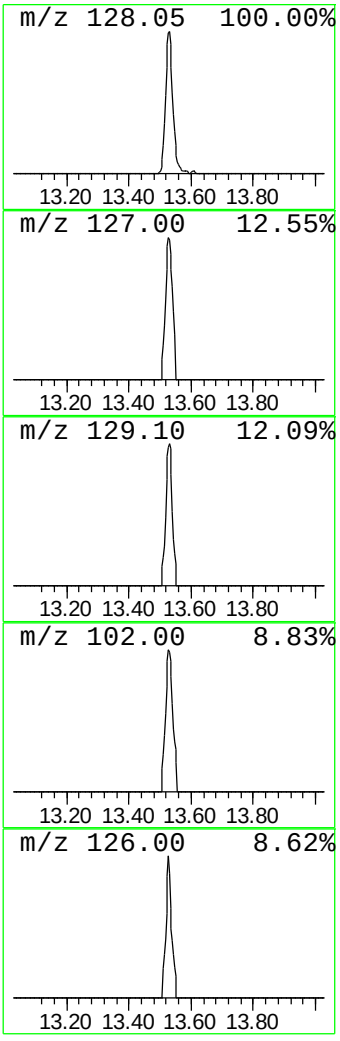
****

Peak Number 14 Azulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.97 ug/L	35645	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	93
3	Azulene	128	C10H8	000275-51-4	93
4	Naphthalene	128	C10H8	000091-20-3	93
5	Azulene	128	C10H8	000275-51-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100920\
Data File : VV018805.D
Acq On : 09 Oct 2020 09:43
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK71

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...	2.78	14.3	ug/L	130440	1	5.64	455040	50.0
(DEL) Alkane: Str...	3.06	23.8	ug/L	216300	1	5.64	455040	50.0
(DEL) Alkane: Cyc...	3.79	13.7	ug/L	124247	1	5.64	455040	50.0
unknown-01	5.93	14.8	ug/L	135074	1	5.64	455040	50.0
Benzene, propyl-	10.38	8.4	ug/L	101203	3	11.27	599900	50.0
Benzene, 1-ethyl-...	10.47	30.4	ug/L	365159	3	11.27	599900	50.0
Benzene, 1,2,3-tr...	10.56	4.2	ug/L	49784	3	11.27	599900	50.0
4-Heptanone, 2,6-...	10.71	5.2	ug/L	62722	3	11.27	599900	50.0
Benzene, 1-ethyl-...	10.76	10.8	ug/L	129453	3	11.27	599900	50.0
Mesitylene	10.94	10.4	ug/L	124640	3	11.27	599900	50.0
Benzene, 1,2,4-tr...	11.36	5.0	ug/L	60258	3	11.27	599900	50.0
Indane	11.55	2.9	ug/L	34657	3	11.27	599900	50.0
Azulene	13.53	3.0	ug/L	35645	3	11.27	599900	50.0