LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

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_U\METHOD\SOMULM102218WMA.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	1.395	62	69	89	rVB	34062	43078	5.14%	0.820%
2	1.546	107	116	117	rBV3	3379	3653	0.44%	0.070%
3	1.643	141	146	158	rVB	32996	40577	4.84%	0.773%
4	2.000	255	257	263	rVB3	388	349	0.04%	0.007%
5	2.115	290	293	295	rBV3	718	462	0.06%	0.009%
6	2.231	318	329	344	rBV	60780	95798	11.43%	1.824%
7	2.347	359	365	368	rBV2	307	441	0.05%	0.008%
8	2.678	464	468	470	rBV3	969	826	0.10%	0.016%
9	2.836	505	517	527	rBB2	1875	4226	0.50%	0.080%
10	3.279	648	655	658	rBV3	602	722	0.09%	0.014%
11	3.884	840	843	848	rBV	161	194	0.02%	0.004%
12	3.913	848	852	858	rVB	175	242	0.03%	0.005%
13	4.199	927	941	978	rBV	20825	83256	9.94%	1.585%
14	4.646	1064	1080	1108	rVB	49849	126628	15.11%	2.411%
15	4.794	1119	1126	1132	rVV2	355	666	0.08%	0.013%
16	4.951	1167	1175	1176	rBV	802	785	0.09%	0.015%
17	5.331	1272	1293	1316	rBV3	111275	324244	38.70%	6.175%
18	5.411	1316	1318	1326	rVB2	333	486	0.06%	0.009%
19	5.450	1327	1330	1332	rBV	256	217	0.03%	0.004%
20	5.508	1342	1348	1353	rBB	186	280	0.03%	0.005%
21	5.884	1451	1465	1498	rVB	128863	268597	32.06%	5.115%
22	6.331	1589	1604	1626	rVV	70431	153082	18.27%	2.915%
23	6.672	1705	1710	1716	rBV	210	332	0.04%	0.006%
24	6.880	1767	1775	1777	rBV4	936	1098	0.13%	0.021%
25	6.951	1793	1797	1807	rBV	186	402	0.05%	0.008%
26	7.054	1825	1829	1836	rVB2	286	368	0.04%	0.007%
27	7.228	1872	1883	1903	rBV2	39494	78015	9.31%	1.486%
28	7.565	1975	1988	2007	rBV	141491	256709	30.64%	4.889%
29	7.639	2007	2011	2017	rVB3	472	306	0.04%	0.006%
30	7.671	2017	2021	2022	rBV	408	302	0.04%	0.006%
31	7.800	2054	2061	2067	rVV2	1154	1726	0.21%	0.033%
32	7.855	2067	2078	2100	rVB	27824	55461	6.62%	1.056%
33	8.183	2165	2180	2192	rBV	23294	57116	6.82%	1.088%
34	8.327	2215	2225	2245	rVB	117754	223449	26.67%	4.255%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

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_U\METHOD\SOMULM102218WMA.M
Title : VOC Analysis

35	8.540	2287	2291	2294	rBV	329	216	0.03%	0.004%
36	8.626	2313	2318	2329	rBV4	1029	1678	0.20%	0.032%
37	9.093	2451	2463	2484	rBV	198852	351714	41.98%	6.698%
38	10.170	2788	2798	2810	rVB2	6405	10377	1.24%	0.198%
39	10.437	2870	2881	2901	rVB	115667	182283	21.76%	3.471%
40	10.613	2925	2936	2949	rBV2	10202	19691	2.35%	0.375%
41	10.739	2970	2975	2977	rVV3	427	413	0.05%	0.008%
42	10.777	2980	2987	2994	rVV2	2876	3569	0.43%	0.068%
43	10.819	2994	3000	3006	rVV3	748	952	0.11%	0.018%
44	10.880	3010	3019	3025	rVB3	566	905	0.11%	0.017%
45	10.974	3045	3048	3053	rBV	267	240	0.03%	0.005%
46	11.006	3053	3058	3061	rBV	220	223	0.03%	0.004%
47	11.160	3095	3106	3112	rVB3	1845	2849	0.34%	0.054%
48	11.273	3135	3141	3147	rBV3	664	650	0.08%	0.012%
49	11.311	3147	3153	3155	rBV	337	277	0.03%	0.005%
50	11.421	3169	3187	3197	rBV	39683	65370	7.80%	1.245%
51	11.488	3197	3208	3211	rBV	283933	417989	49.89%	7.960%
52	11.633	3241	3253	3258	rBV4	2862	4810	0.57%	0.092%
53	11.668	3261	3264	3273	rVB4	3525	4227	0.50%	0.080%
54	11.755	3283	3291	3301	rBV7	1892	4025	0.48%	0.077%
55	11.864	3313	3325	3348	rVB	180908	303736	36.25%	5.784%
56	11.964	3352	3356	3363	rVB2	578	665	0.08%	0.013%
57	12.025	3367	3375	3386	rVB3	3006	4657	0.56%	0.089%
58	12.070	3386	3389	3390	rBV	565	356	0.04%	0.007%
59	12.308	3407	3463	3467	rBV3	82111	447915	53.46%	8.530%
60	12.707	3579	3587	3596	rBV5	2899	4626	0.55%	0.088%
61	12.774	3602	3608	3610	rBV4	991	1088	0.13%	0.021%
62	12.803	3615	3617	3620	rBV	675	531	0.06%	0.010%
63	12.838	3620	3628	3640	rVB4	5323	10256	1.22%	0.195%
64	12.967	3663	3668	3673	rBV2	986	877	0.10%	0.017%
65	13.031	3684	3688	3690	rVV3	586	336	0.04%	0.006%
66	13.073	3698	3701	3705	rVB2	304	212	0.03%	0.004%
67	13.125	3710	3717	3724	rBV6	3897	6267	0.75%	0.119%
68	13.311	3772	3775	3778	rBV4	407	256	0.03%	0.005%
69	13.375	3793	3795	3797	rBV	370	265	0.03%	0.005%
70	13.462	3820	3822	3826	rVB	400	288	0.03%	0.005%
71	13.504	3829	3835	3839	rBV4	1221	1480	0.18%	0.028%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

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_U\METHOD\SOMULM102218WMA.M
Title : VOC Analysis

72	13.662	3881	3884	3887	rBV	299	266	0.03%	0.005%
73	13.748	3903	3911	3921	rBV	720	1449	0.17%	0.028%
74	13.883	3949	3953	3960	rVB4	1010	1288	0.15%	0.025%
75	14.112	4016	4024	4030	rBV3	2885	4910	0.59%	0.094%
76	14.182	4039	4046	4047	rBV3	729	790	0.09%	0.015%
77	14.237	4051	4063	4064	rBV3	2344	3608	0.43%	0.069%
78	14.334	4087	4093	4097	rBV4	1077	1443	0.17%	0.027%
79	14.440	4121	4126	4131	rBV3	1442	1910	0.23%	0.036%
80	14.478	4131	4138	4143	rVV4	1635	2390	0.29%	0.046%
81	14.588	4157	4172	4173	rBV6	11339	19232	2.30%	0.366%
82	14.787	4223	4234	4240	rBV	40172	56938	6.80%	1.084%
83	14.829	4240	4247	4260	rVV	67402	106578	12.72%	2.030%
84	14.887	4260	4265	4276	rVB2	16967	23810	2.84%	0.453%
85	14.964	4283	4289	4293	rBV2	910	1081	0.13%	0.021%
86	15.012	4293	4304	4314	rVV3	46791	86471	10.32%	1.647%
87	15.086	4315	4327	4338	rVB	63991	101950	12.17%	1.941%
88	15.179	4346	4356	4367	rVB	28061	38646	4.61%	0.736%
89	15.462	4439	4444	4450	rBV2	445	601	0.07%	0.011%
90	15.610	4480	4490	4504	rBV	29696	48845	5.83%	0.930%
91	15.880	4565	4574	4584	rVB2	5525	9049	1.08%	0.172%
92	15.977	4600	4604	4610	rBV3	575	659	0.08%	0.013%
93	16.089	4632	4639	4641	rBV4	1416	1417	0.17%	0.027%
94	16.224	4676	4681	4683	rVB3	826	747	0.09%	0.014%
95	16.475	4757	4759	4767	rVB4	1725	1844	0.22%	0.035%
96	16.552	4772	4783	4796	rVB	564832	837859	100.00%	15.956%
97	16.636	4803	4809	4818	rVB3	3036	4118	0.49%	0.078%
98	16.700	4819	4829	4841	rBV	95160	146494	17.48%	2.790%
99	17.279	5000	5009	5024	rBV5	11173	18967	2.26%	0.361%
100	17.481	5064	5072	5087	rVB5	26171	47375	5.65%	0.902%

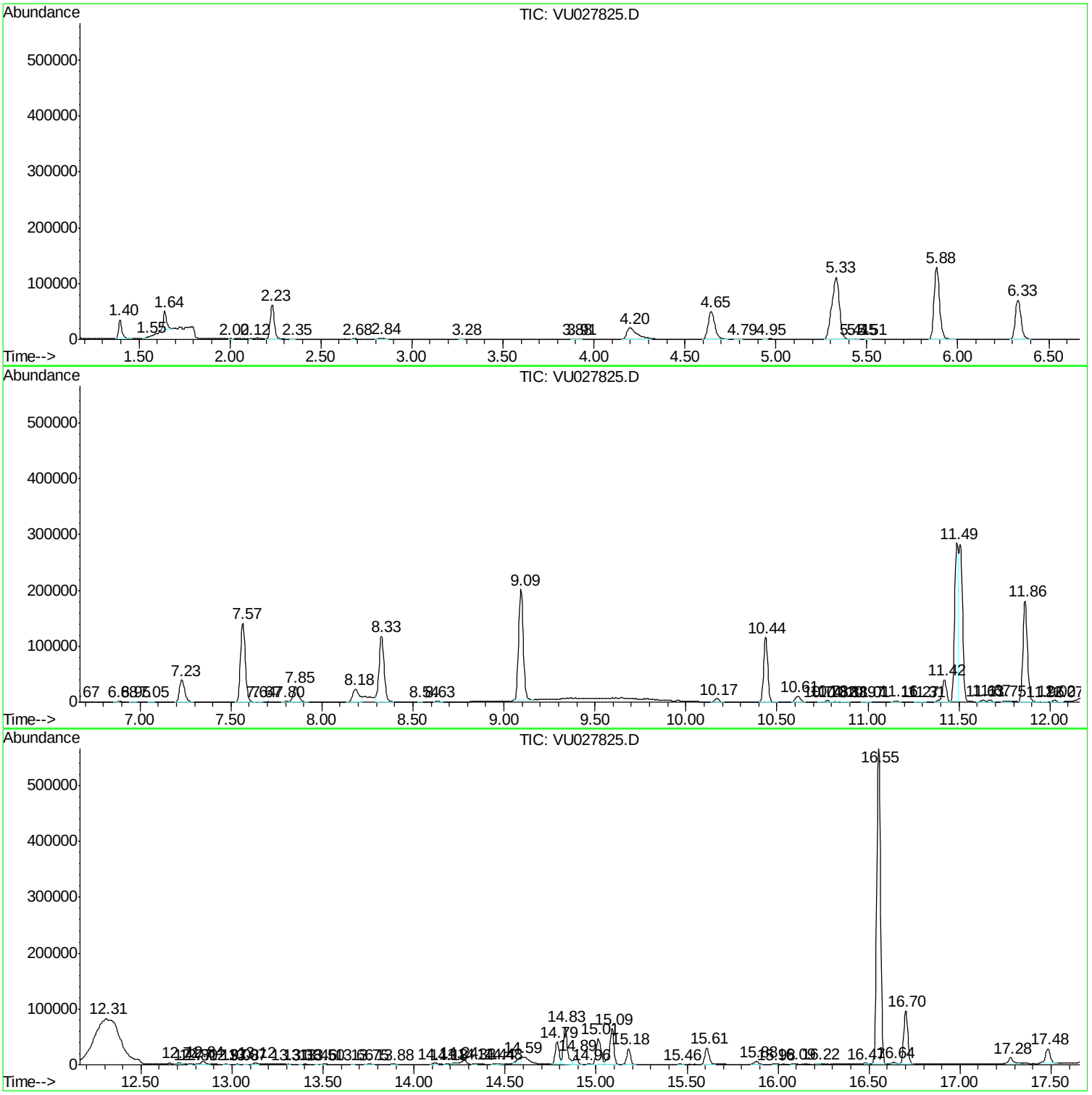
Sum of corrected areas: 5251097

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

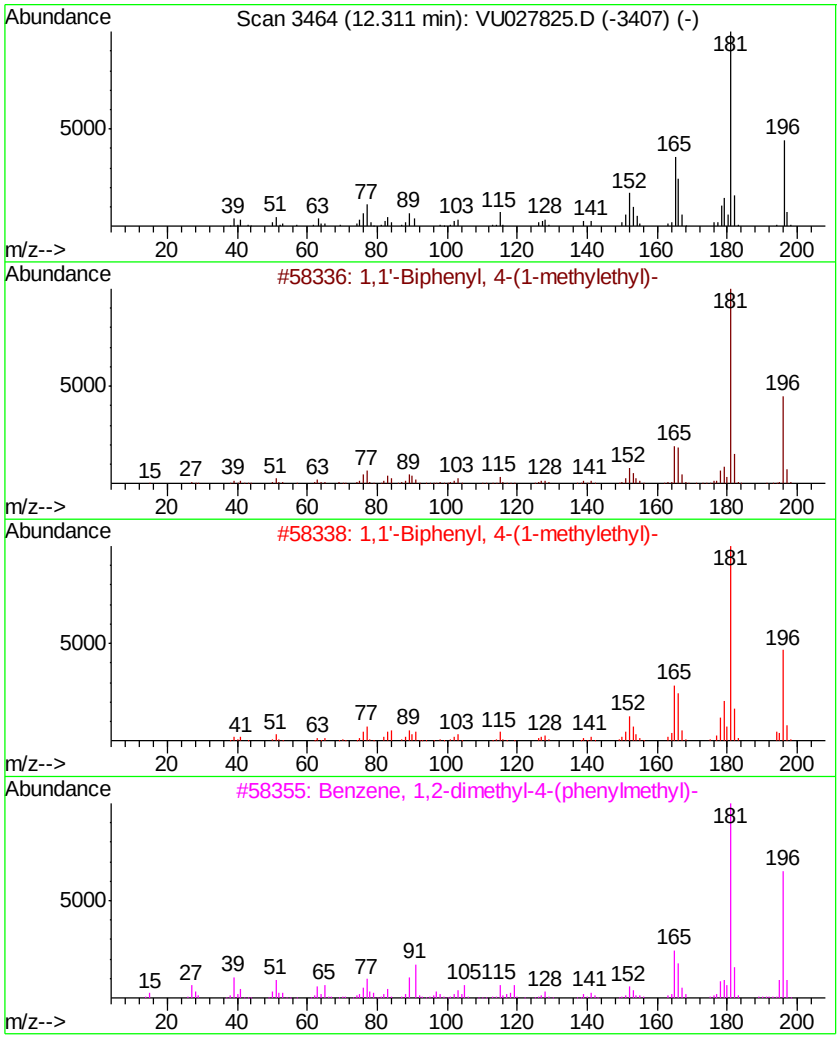
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

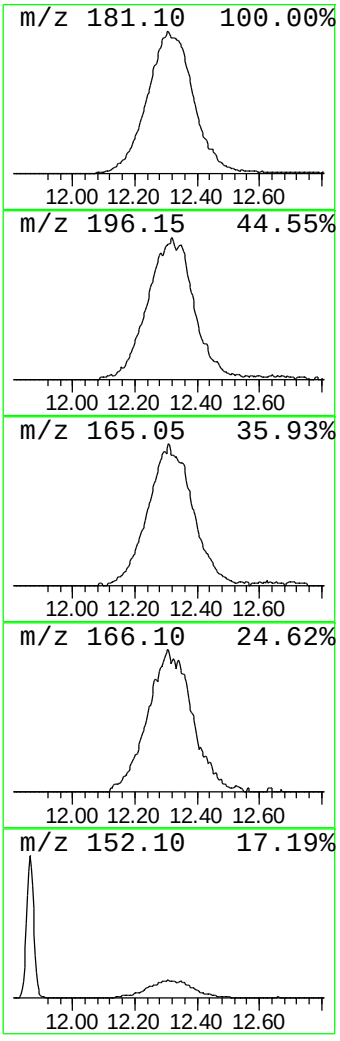
****

Peak Number 3 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	53.58 ug/L	447915	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	97
2	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	94
3	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	91
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
5	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

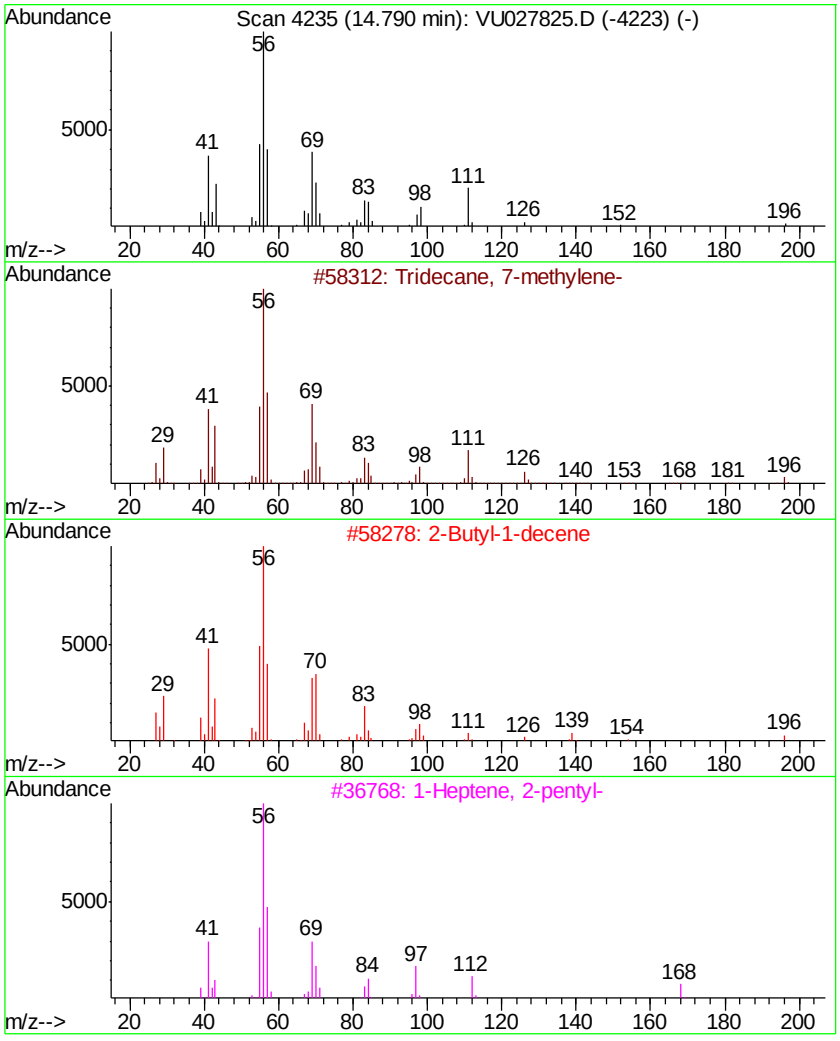
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

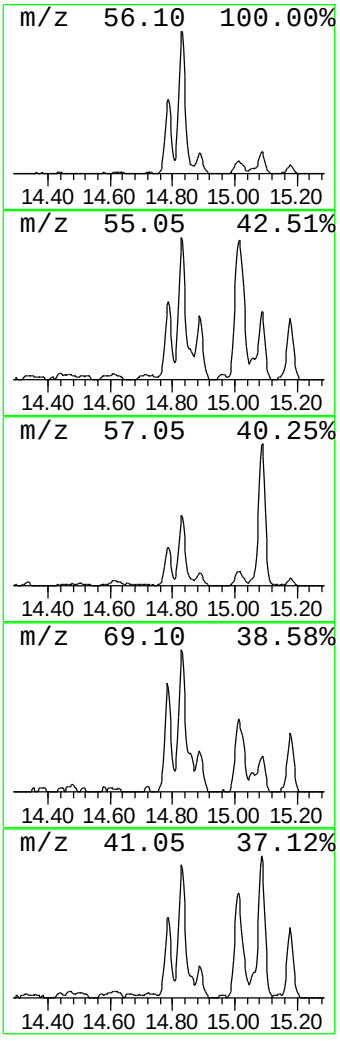
****

Peak Number 4 (DEL) Alkane: Cyclic14.79 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	6.81 ug/L	56938	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methylene-	196	C14H28	019780-80-4	86
2	2-Butyl-1-decene	196	C14H28	051655-65-3	76
3	1-Heptene, 2-pentyl-	168	C12H24	017799-46-1	64
4	Tridecane, 7-methylene-	196	C14H28	019780-80-4	60
5	Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

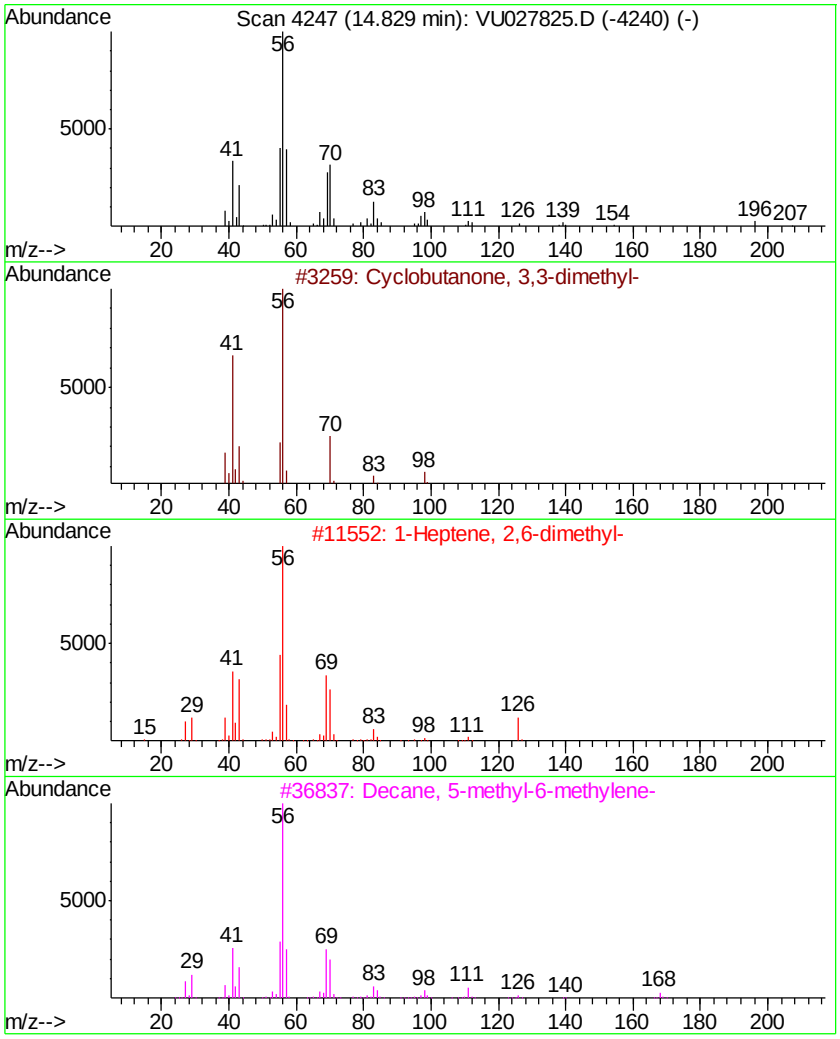
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

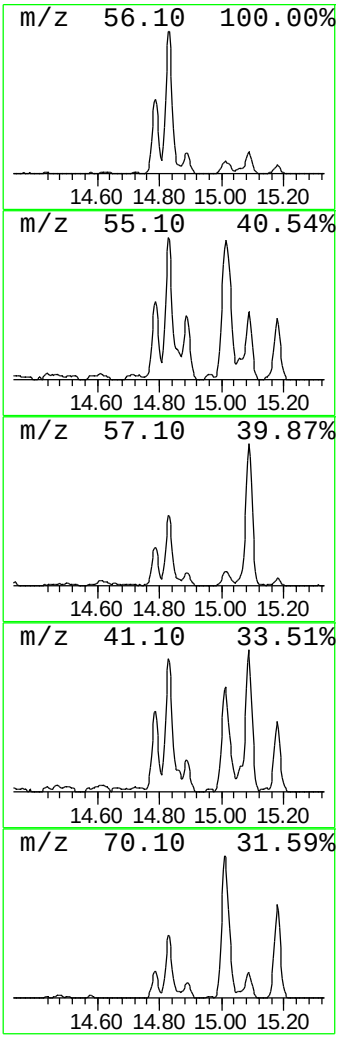
****

Peak Number 5 Cyclobutanone, 3,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	12.75 ug/L	106578	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	80
2	1-Heptene, 2,6-dimethyl-	126	C9H18	003074-78-0	80
3	Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	78
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	72
5	2H-Pyran-2-one, tetrahydro-4,4,6...	142	C8H14O2	010603-06-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

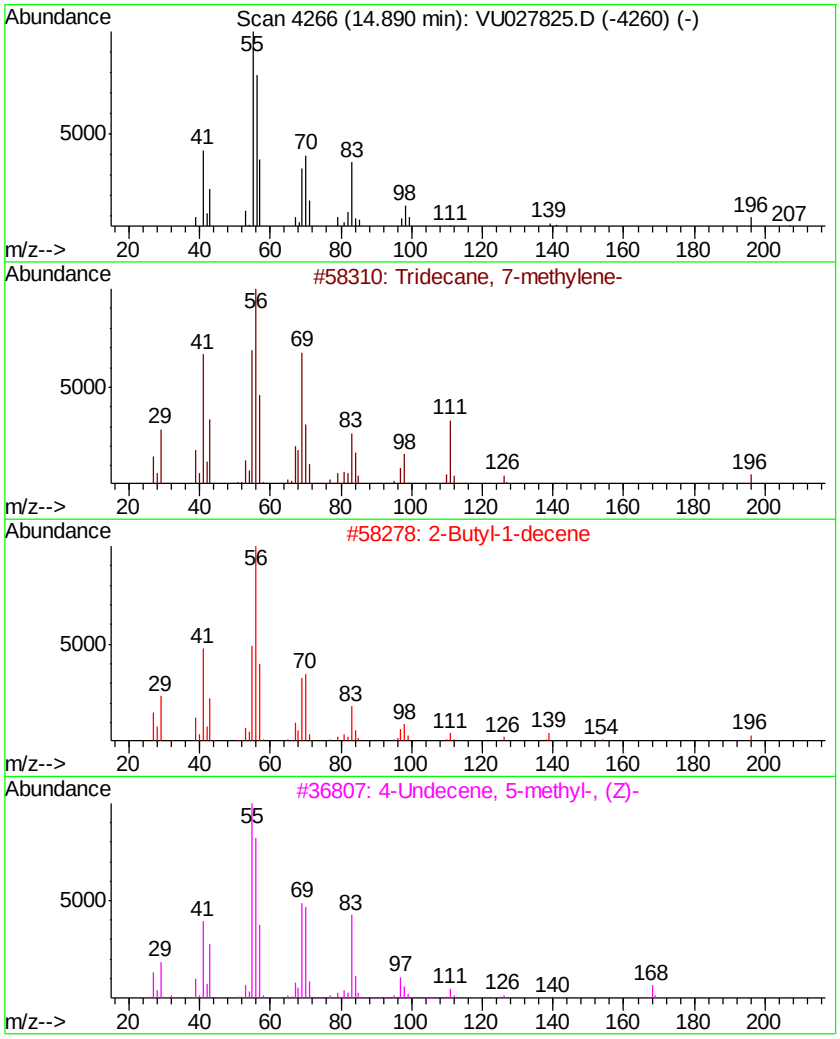
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

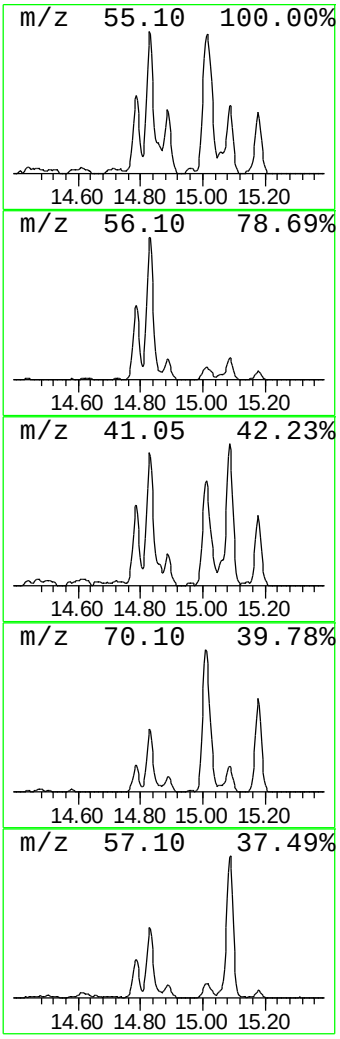
****

Peak Number 6 (DEL) Alkane: Cyclic14.89 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.85 ug/L	23810	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methylene-	196	C14H28	019780-80-4	80
2	2-Butyl-1-decene	196	C14H28	051655-65-3	80
3	4-Undecene, 5-methyl-, (Z)-	168	C12H24	074630-69-6	78
4	Cyclopropane, 1-methyl-2-(1-meth...	140	C10H20	062238-06-6	59
5	1-Heptene	98	C7H14	000592-76-7	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

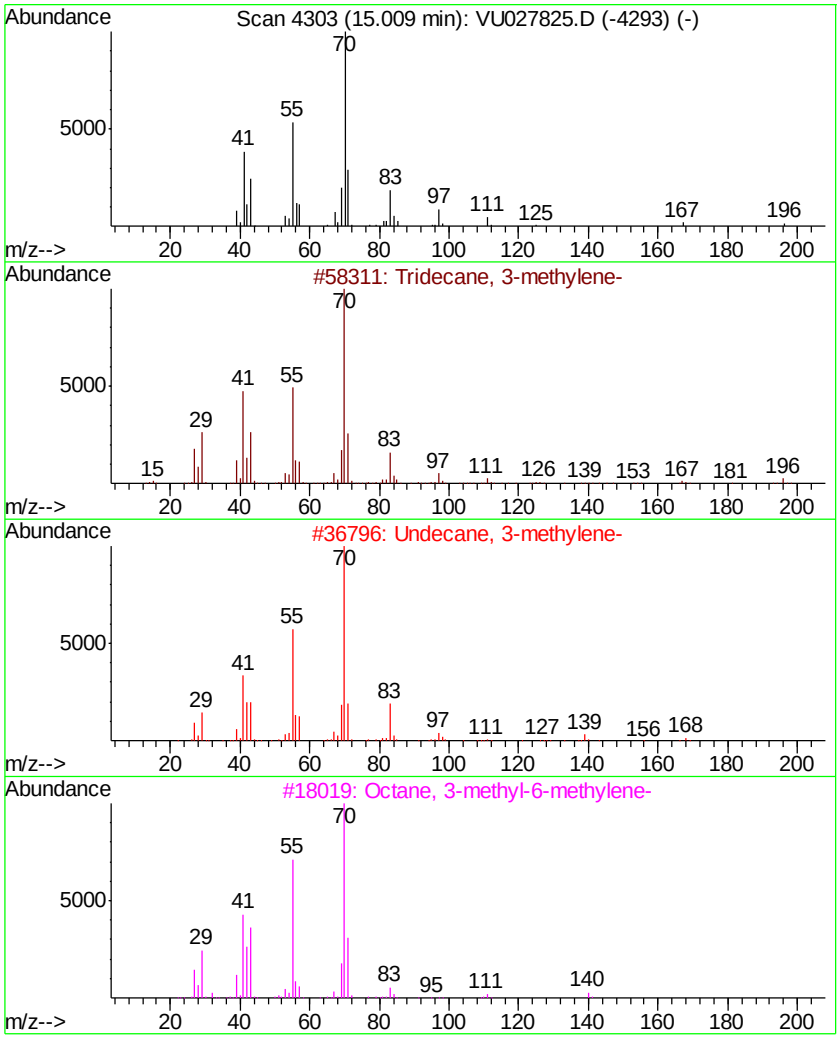
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

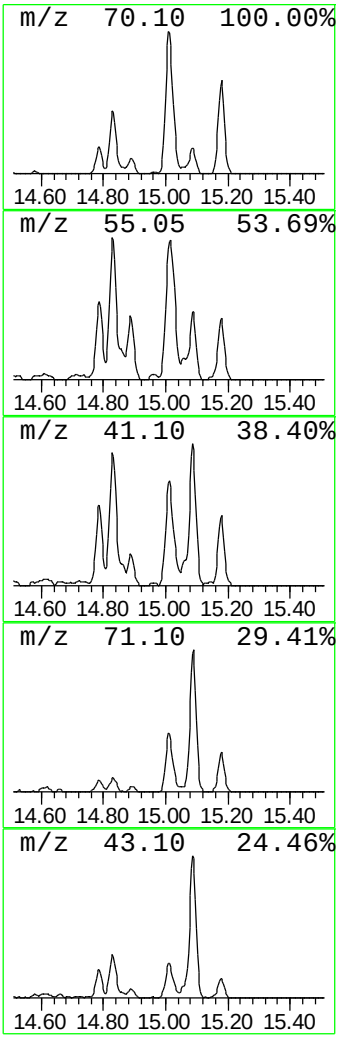
****

Peak Number 7 (DEL) Alkane: Cyclic15.01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	10.34 ug/L	86471	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methylene-	196	C14H28	019780-34-8	72
2	Undecane, 3-methylene-	168	C12H24	071138-64-2	72
3	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	59
4	Nonane, 3-methylene-	140	C10H20	051655-64-2	53
5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

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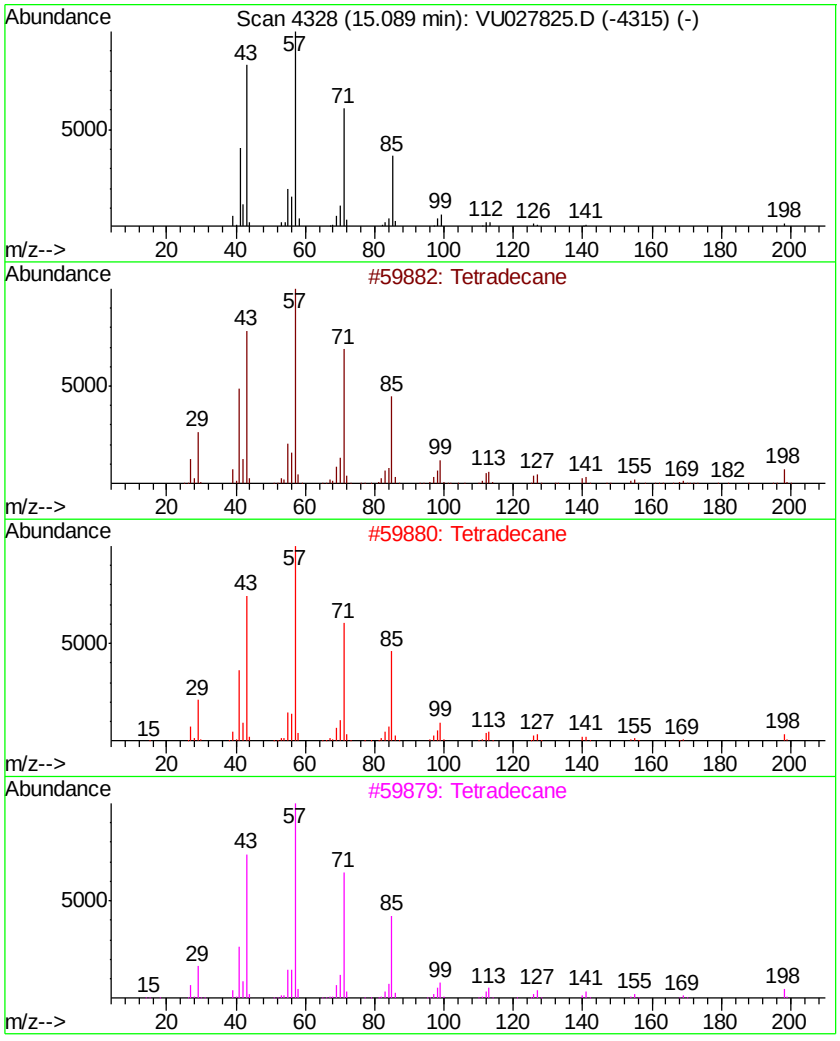
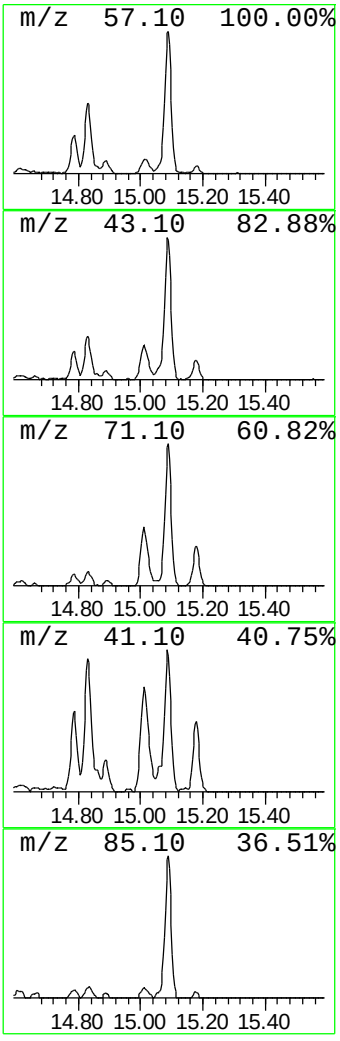
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	12.20 ug/L	101950	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tetradecane	198	C14H30	000629-59-4	95
3	Tetradecane	198	C14H30	000629-59-4	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Hexadecane	226	C16H34	000544-76-3	90





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Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

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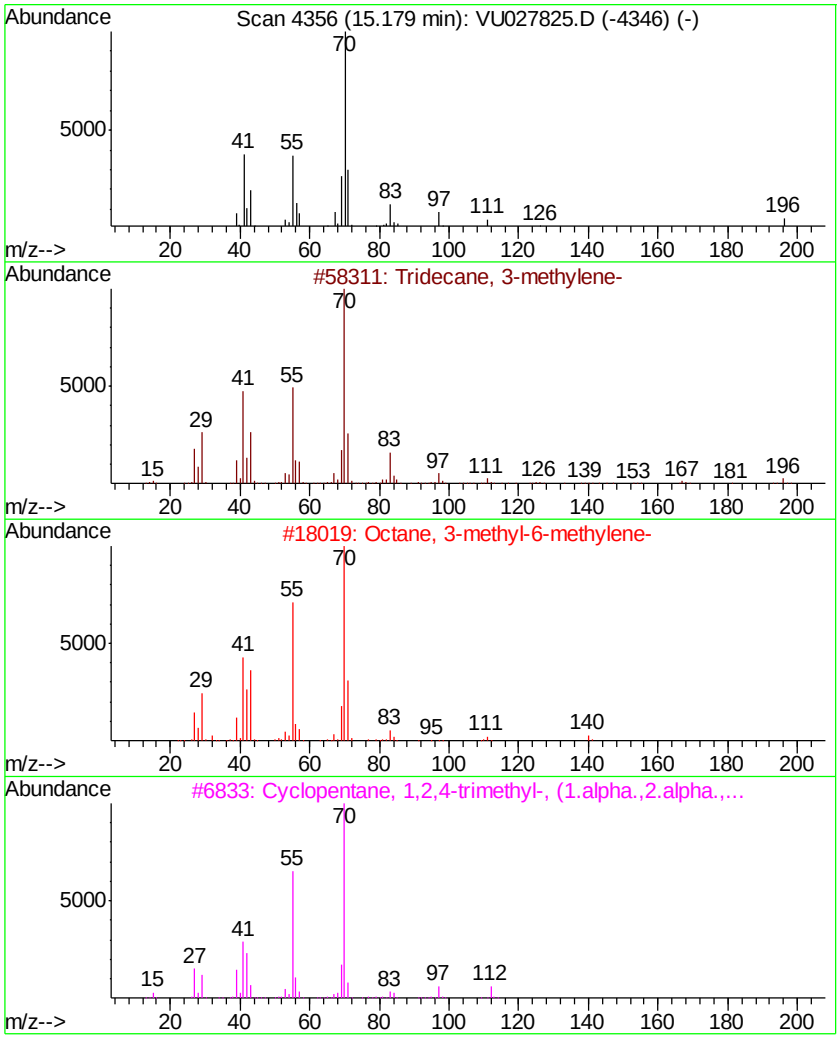
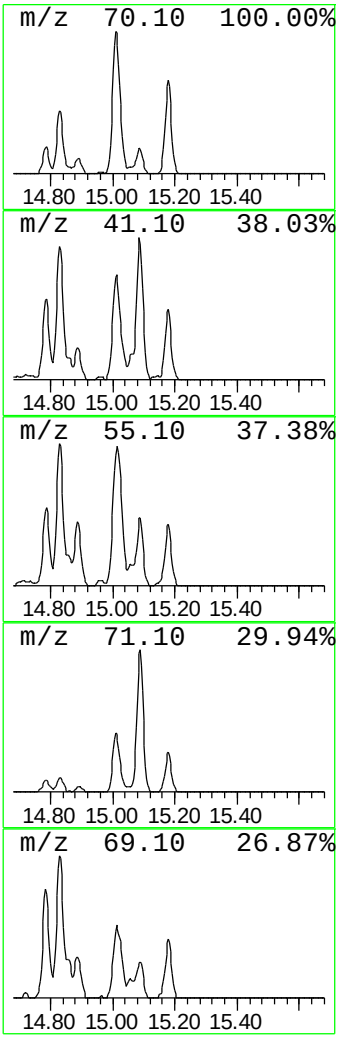
Peak Number 9 (DEL) Alkane: Cyclic15.18 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	4.62 ug/L	38646	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methylene-	196	C14H28	019780-34-8	80
2	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	72
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	59
4	2-Nonene, 3-methyl-, (E)-	140	C10H20	017003-99-5	50
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

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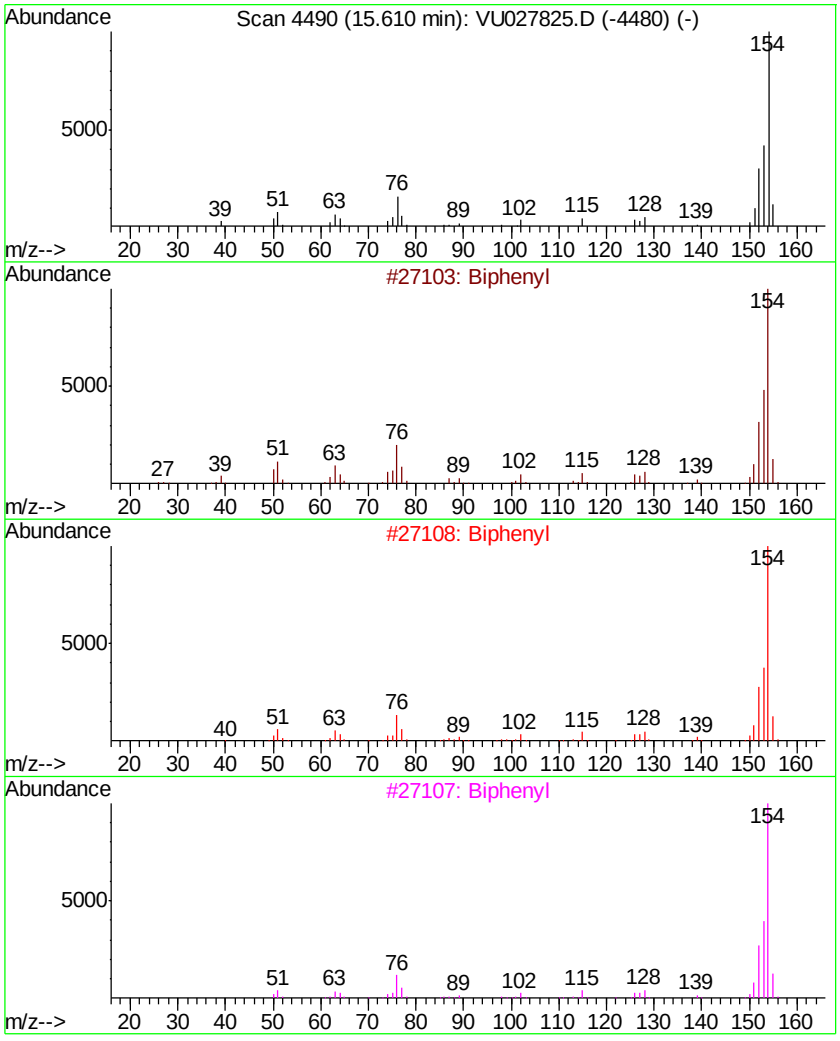
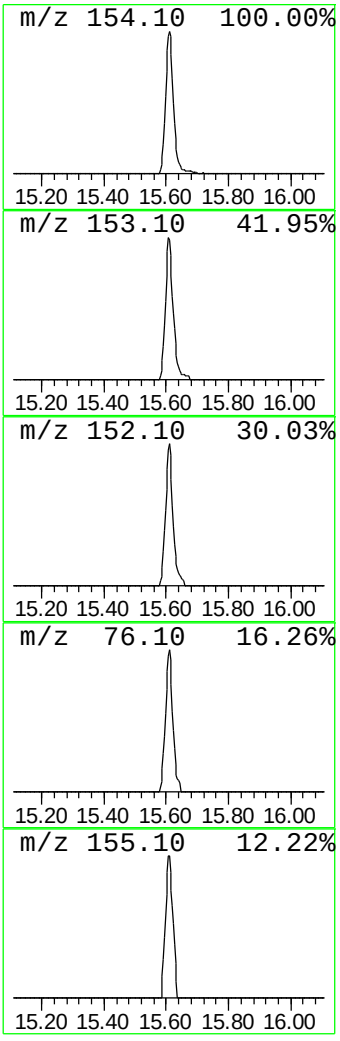
Peak Number 10 Biphenyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	5.84 ug/L	48845	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	96
2	Biphenyl	154	C12H10	000092-52-4	95
3	Biphenyl	154	C12H10	000092-52-4	95
4	Biphenyl	154	C12H10	000092-52-4	94
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

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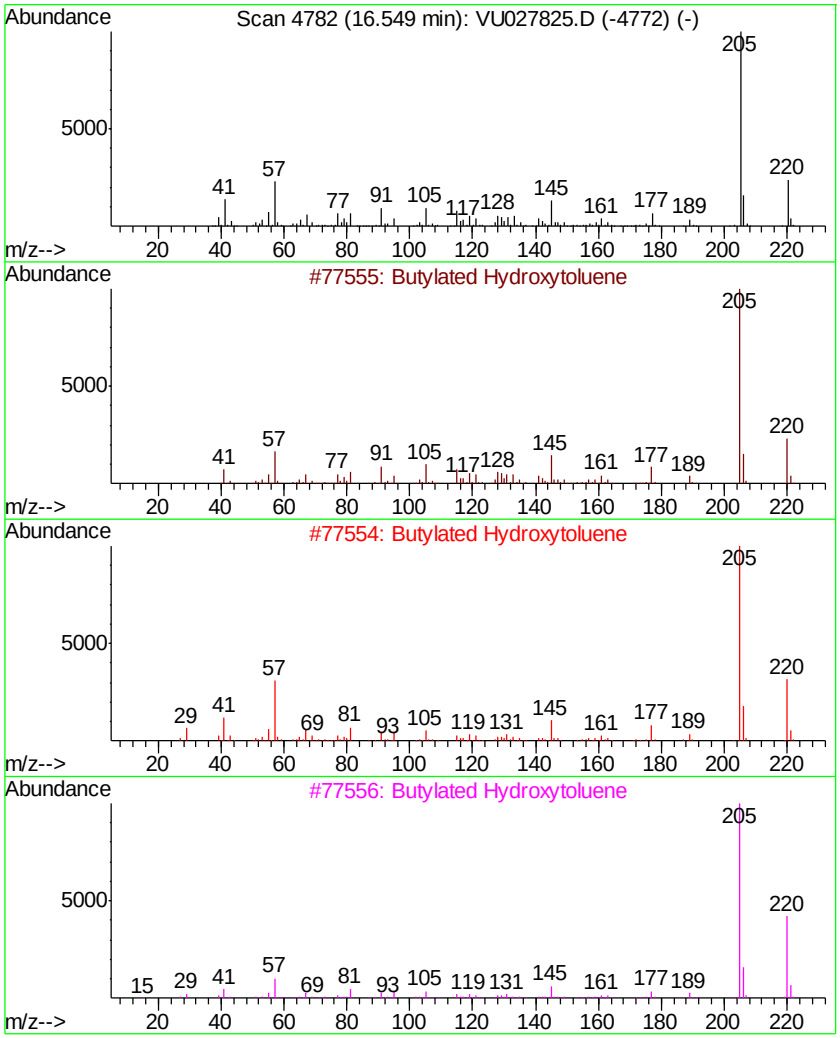
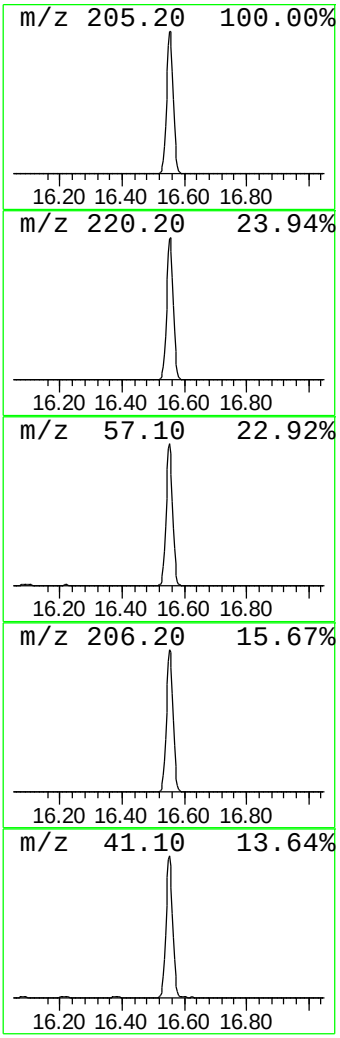
Peak Number 11 Butylated Hydroxytoluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	100.23 ug/L	837859	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	93
5	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

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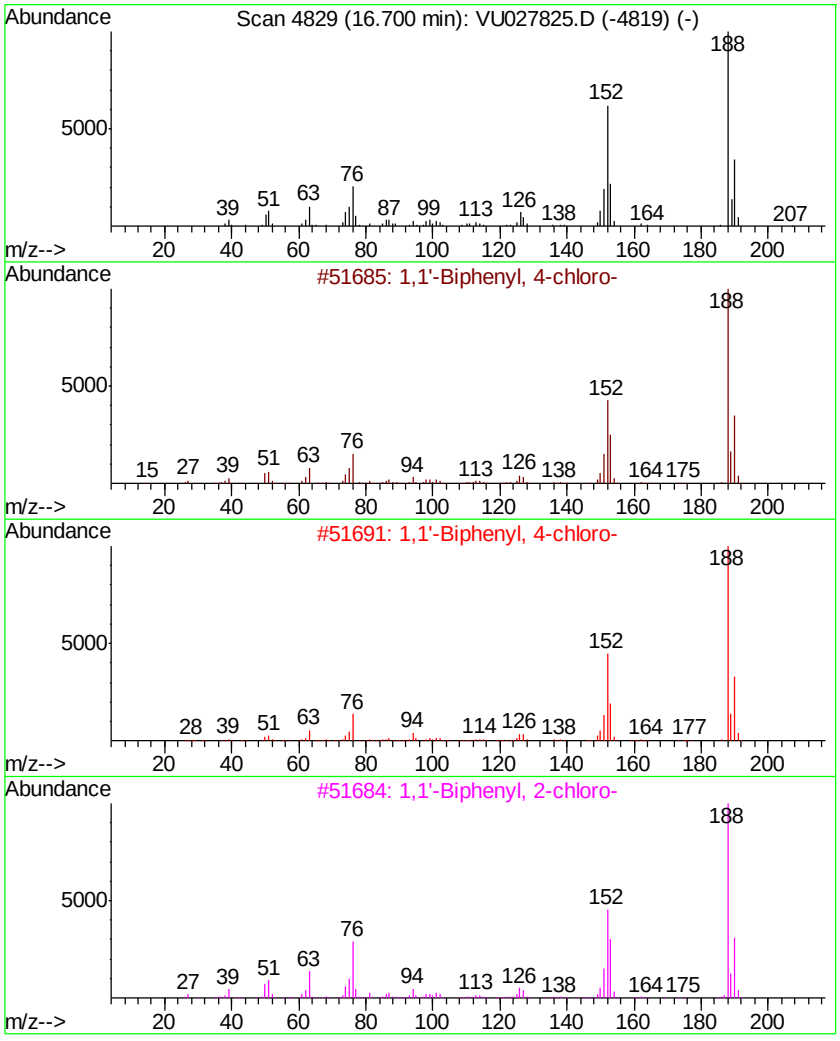
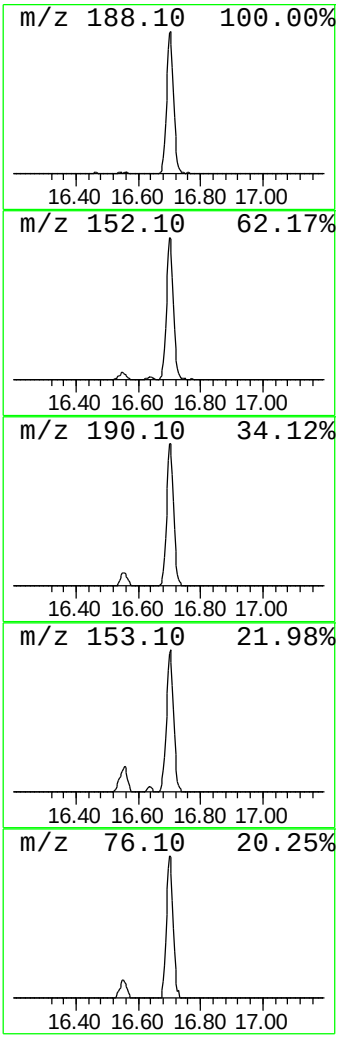
Peak Number 12 1,1'-Biphenyl, 4-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	17.52 ug/L	146494	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	96
2	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	95
3	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	93
4	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	93
5	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

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

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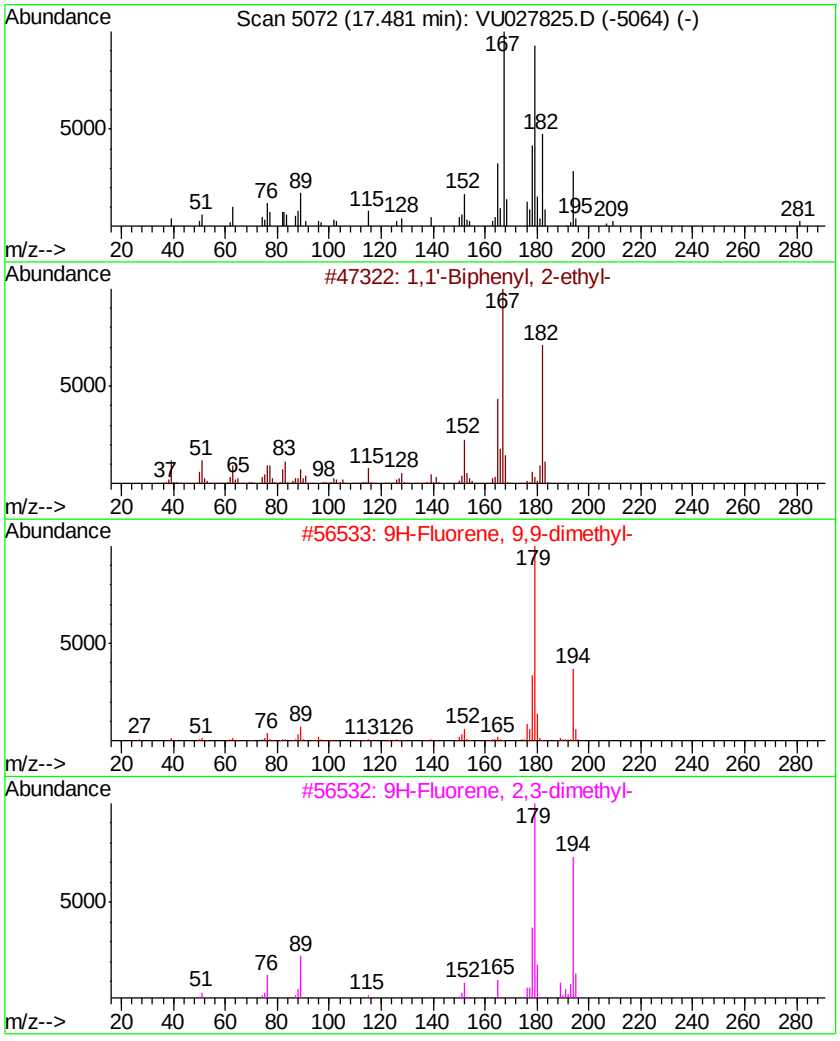
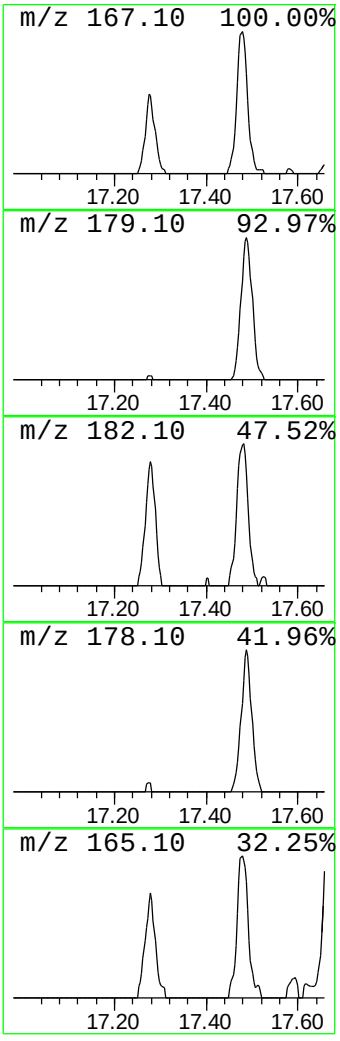
Peak Number 13 1,1'-Biphenyl, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	5.67 ug/L	47375	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	74
2	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	64
3	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	50
4	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	50
5	4-Ethylbiphenyl	182	C14H14	005707-44-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A40G2ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.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
1,1'-Biphenyl, 4-...	12.31	53.6	ug/L	447915	3	11.49	417989	50.0
(DEL) Alkane: Cyc...	14.79	6.8	ug/L	56938	3	11.49	417989	50.0
Cyclobutanone, 3,...	14.83	12.8	ug/L	106578	3	11.49	417989	50.0
(DEL) Alkane: Cyc...	14.89	2.9	ug/L	23810	3	11.49	417989	50.0
(DEL) Alkane: Cyc...	15.01	10.3	ug/L	86471	3	11.49	417989	50.0
(DEL) Alkane: Str...	15.09	12.2	ug/L	101950	3	11.49	417989	50.0
(DEL) Alkane: Cyc...	15.18	4.6	ug/L	38646	3	11.49	417989	50.0
Biphenyl	15.61	5.8	ug/L	48845	3	11.49	417989	50.0
Butylated Hydroxy...	16.55	100.2	ug/L	837859	3	11.49	417989	50.0
1,1'-Biphenyl, 4-...	16.70	17.5	ug/L	146494	3	11.49	417989	50.0
1,1'-Biphenyl, 2-...	17.48	5.7	ug/L	47375	3	11.49	417989	50.0