LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

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\SOMULM042719WMA.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	1.286	50	61	67	rBV3	20731	37190	0.11%	0.035%
2	1.393	87	94	116	rVB	236680	394434	1.21%	0.375%
3	1.569	129	149	150	rBV5	51428	112803	0.35%	0.107%
4	1.618	159	164	167	rVV	92075	98517	0.30%	0.094%
5	1.640	167	171	181	rVB	146008	189091	0.58%	0.180%
6	2.171	331	336	342	rVV	33465	43117	0.13%	0.041%
7	2.225	342	353	369	rVV	549648	877407	2.70%	0.834%
8	4.206	953	969	1012	rBV3	449037	1570586	4.83%	1.493%
9	4.640	1082	1104	1126	rBV	457301	1180497	3.63%	1.122%
10	5.325	1294	1317	1345	rBV2	1008904	2918927	8.97%	2.775%
11	5.769	1444	1455	1474	rBV6	20991	53345	0.16%	0.051%
12	5.878	1474	1489	1520	rBV	1201570	2685163	8.25%	2.552%
13	6.019	1523	1533	1539	rBV2	60389	120270	0.37%	0.114%
14	6.148	1555	1573	1593	rBV	15058391	32546675	100.00%	30.938%
15	6.238	1594	1601	1614	rVV2	179230	412725	1.27%	0.392%
16	6.325	1615	1628	1643	rVV	665791	1464540	4.50%	1.392%
17	6.402	1645	1652	1656	rVV3	103738	179190	0.55%	0.170%
18	6.460	1656	1670	1710	rVB	5305014	10690130	32.85%	10.162%
19	6.662	1716	1733	1762	rVB6	255862	812005	2.49%	0.772%
20	6.814	1765	1780	1795	rBV2	227910	483860	1.49%	0.460%
21	7.106	1856	1871	1884	rBV	1056385	2019748	6.21%	1.920%
22	7.170	1884	1891	1898	rVV2	68026	113072	0.35%	0.107%
23	7.225	1898	1908	1926	rVB	319611	659501	2.03%	0.627%
24	7.334	1934	1942	1953	rVB2	45557	72773	0.22%	0.069%
25	7.399	1955	1962	1986	rVB3	41046	93146	0.29%	0.089%
26	7.560	1987	2012	2046	rBV2	1256813	3985089	12.24%	3.788%
27	7.695	2048	2054	2067	rVB5	23849	44278	0.14%	0.042%
28	7.814	2082	2091	2096	rBV	142956	214874	0.66%	0.204%
29	7.849	2096	2102	2114	rVV2	186808	363166	1.12%	0.345%
30	7.910	2116	2121	2130	rVB3	49816	70168	0.22%	0.067%
31	8.039	2150	2161	2171	rBV4	31523	55553	0.17%	0.053%
32	8.222	2211	2218	2231	rVB4	19165	37198	0.11%	0.035%
33	8.325	2237	2250	2281	rBV	1079333	2270856	6.98%	2.159%
34	8.537	2307	2316	2327	rVB2	92203	152322	0.47%	0.145%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

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\SOMULM042719WMA.M
Title : VOC Analysis

35	8.601	2327	2336	2343	rBV2	49052	80911	0.25%	0.077%
36	8.810	2392	2401	2405	rVV2	29680	46355	0.14%	0.044%
37	8.846	2408	2412	2421	rVV7	42341	79630	0.24%	0.076%
38	8.907	2422	2431	2443	rVB3	115000	203628	0.63%	0.194%
39	9.029	2458	2469	2477	rBV2	102863	170386	0.52%	0.162%
40	9.090	2477	2488	2515	rVV	1796982	3477847	10.69%	3.306%
41	9.244	2527	2536	2548	rVB7	33621	67411	0.21%	0.064%
42	9.354	2551	2570	2575	rVV8	49391	126788	0.39%	0.121%
43	9.399	2576	2584	2589	rVV2	104812	191339	0.59%	0.182%
44	9.440	2589	2597	2622	rVV	584908	1018513	3.13%	0.968%
45	9.559	2625	2634	2646	rVB6	35548	62282	0.19%	0.059%
46	9.649	2654	2662	2667	rBV4	18483	30176	0.09%	0.029%
47	9.714	2669	2682	2700	rVV4	185397	430194	1.32%	0.409%
48	9.813	2704	2713	2723	rVV3	107001	208914	0.64%	0.199%
49	9.865	2725	2729	2736	rVB5	47354	59411	0.18%	0.056%
50	9.948	2736	2755	2765	rBV3	394132	771886	2.37%	0.734%
51	10.039	2766	2783	2792	rVV3	324387	686546	2.11%	0.653%
52	10.087	2792	2798	2810	rVB2	198669	333878	1.03%	0.317%
53	10.154	2811	2819	2830	rVB6	65859	125771	0.39%	0.120%
54	10.222	2831	2840	2842	rBV3	82677	117903	0.36%	0.112%
55	10.254	2844	2850	2857	rVV4	172222	277181	0.85%	0.263%
56	10.318	2858	2870	2875	rVV3	330478	634338	1.95%	0.603%
57	10.350	2876	2880	2894	rVB2	395345	673748	2.07%	0.640%
58	10.434	2894	2906	2918	rBV2	1317706	2712322	8.33%	2.578%
59	10.485	2919	2922	2932	rVB5	248474	324386	1.00%	0.308%
60	10.588	2949	2954	2960	rBV	62800	71453	0.22%	0.068%
61	10.637	2961	2969	2976	rVV7	85151	147961	0.45%	0.141%
62	10.688	2977	2985	2995	rVB8	199224	381158	1.17%	0.362%
63	10.749	2996	3004	3014	rBV4	364245	827413	2.54%	0.787%
64	10.810	3014	3023	3036	rVB	2737666	4054545	12.46%	3.854%
65	10.971	3065	3073	3077	rBV5	89794	154787	0.48%	0.147%
66	11.006	3079	3084	3093	rVB4	183666	260479	0.80%	0.248%
67	11.071	3096	3104	3109	rBV5	171443	256312	0.79%	0.244%
68	11.109	3109	3116	3123	rBV	762452	1100277	3.38%	1.046%
69	11.148	3123	3128	3138	rVB	353119	507765	1.56%	0.483%
70	11.267	3155	3165	3169	rBV3	215585	350099	1.08%	0.333%
71	11.331	3179	3185	3195	rVB6	353778	590797	1.82%	0.562%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

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\SOMULM042719WMA.M
Title : VOC Analysis

72	11.395	3196	3205	3211	rBV3	490731	798317	2.45%	0.759%
73	11.482	3223	3232	3241	rBV	2098774	3272678	10.06%	3.111%
74	11.527	3242	3246	3253	rVV2	328194	416704	1.28%	0.396%
75	11.566	3253	3258	3264	rVV	256326	325271	1.00%	0.309%
76	11.604	3264	3270	3281	rVB	419654	625404	1.92%	0.594%
77	11.662	3282	3288	3292	rBV3	92987	116361	0.36%	0.111%
78	11.698	3293	3299	3314	rVB3	386321	619381	1.90%	0.589%
79	11.781	3315	3325	3327	rBV2	252405	346035	1.06%	0.329%
80	11.807	3328	3333	3340	rVV	364004	496440	1.53%	0.472%
81	11.858	3340	3349	3372	rVB4	1950426	3947340	12.13%	3.752%
82	12.019	3391	3399	3407	rBV	1688628	2320298	7.13%	2.206%
83	12.145	3431	3438	3441	rBV	210887	279191	0.86%	0.265%
84	12.173	3442	3447	3456	rVB3	345853	528998	1.63%	0.503%
85	12.357	3496	3504	3508	rBV3	147664	223533	0.69%	0.212%
86	12.495	3537	3547	3556	rBV10	134219	302036	0.93%	0.287%
87	12.611	3573	3583	3588	rBV5	192961	329083	1.01%	0.313%
88	12.701	3603	3611	3629	rVB5	194296	470394	1.45%	0.447%
89	12.784	3630	3637	3643	rBV3	81323	126970	0.39%	0.121%
90	12.961	3688	3692	3706	rVB5	54988	79255	0.24%	0.075%
91	13.035	3707	3715	3723	rBV7	38481	64404	0.20%	0.061%
92	13.080	3724	3729	3733	rBV4	25311	31711	0.10%	0.030%
93	13.122	3733	3742	3756	rVV2	216140	364874	1.12%	0.347%
94	13.283	3784	3792	3823	rVB2	81055	235312	0.72%	0.224%
95	13.508	3853	3862	3868	rBV6	27684	47209	0.15%	0.045%
96	13.726	3925	3930	3941	rVB10	20535	35554	0.11%	0.034%
97	13.784	3942	3948	3959	rVB10	21181	33713	0.10%	0.032%
98	14.141	4052	4059	4068	rBV6	26044	42525	0.13%	0.040%
99	15.566	4494	4502	4509	rBV6	29626	48777	0.15%	0.046%
100	16.321	4726	4737	4748	rBV6	16663	35569	0.11%	0.034%

Sum of corrected areas: 105200343

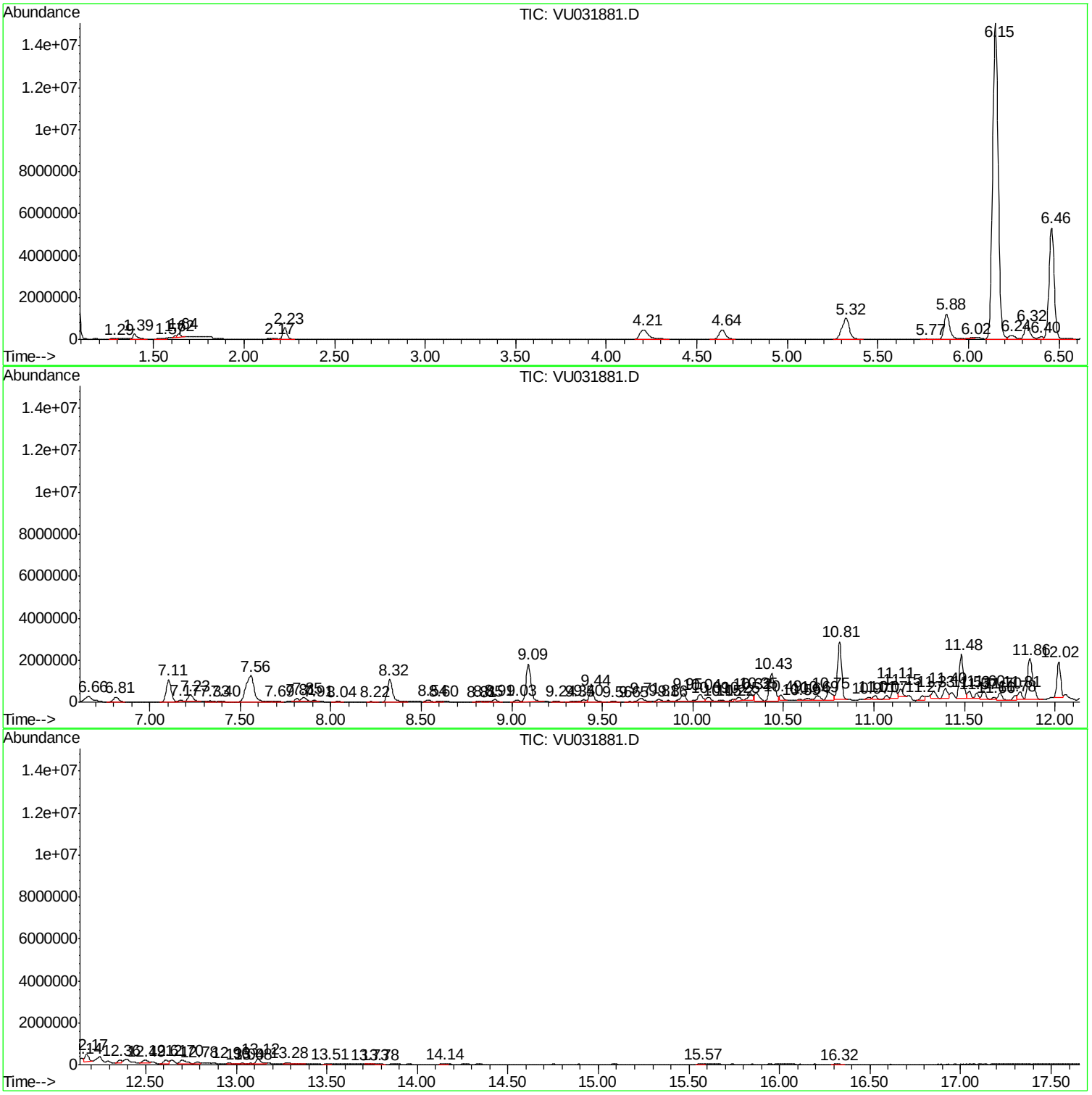
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

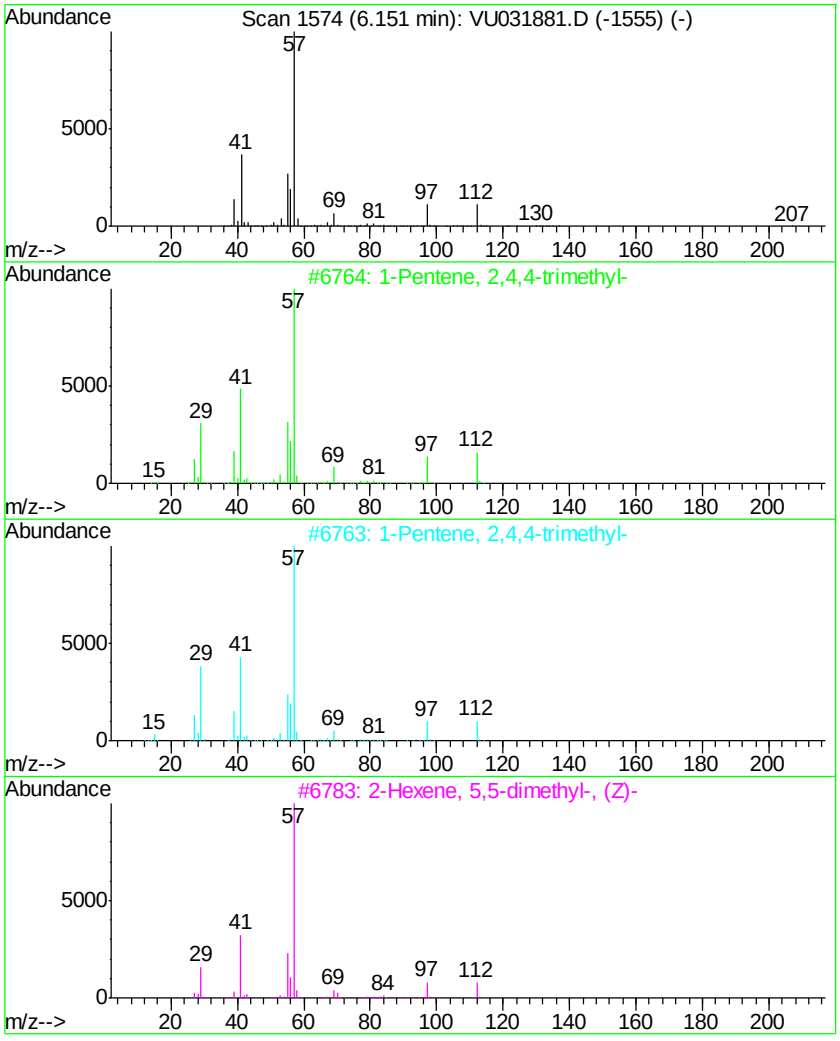
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

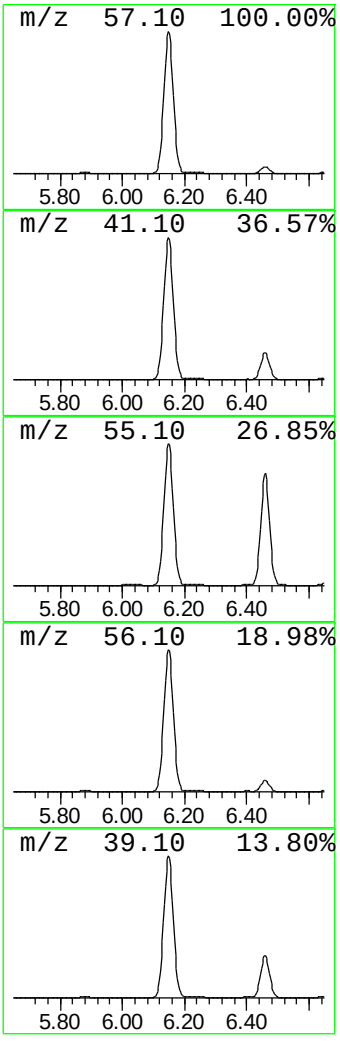
****

Peak Number 1 (DEL) Alkane: Cyclic6.15 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	606.05 ug/L	32546700	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	91
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	90
3	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	90
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	72
5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

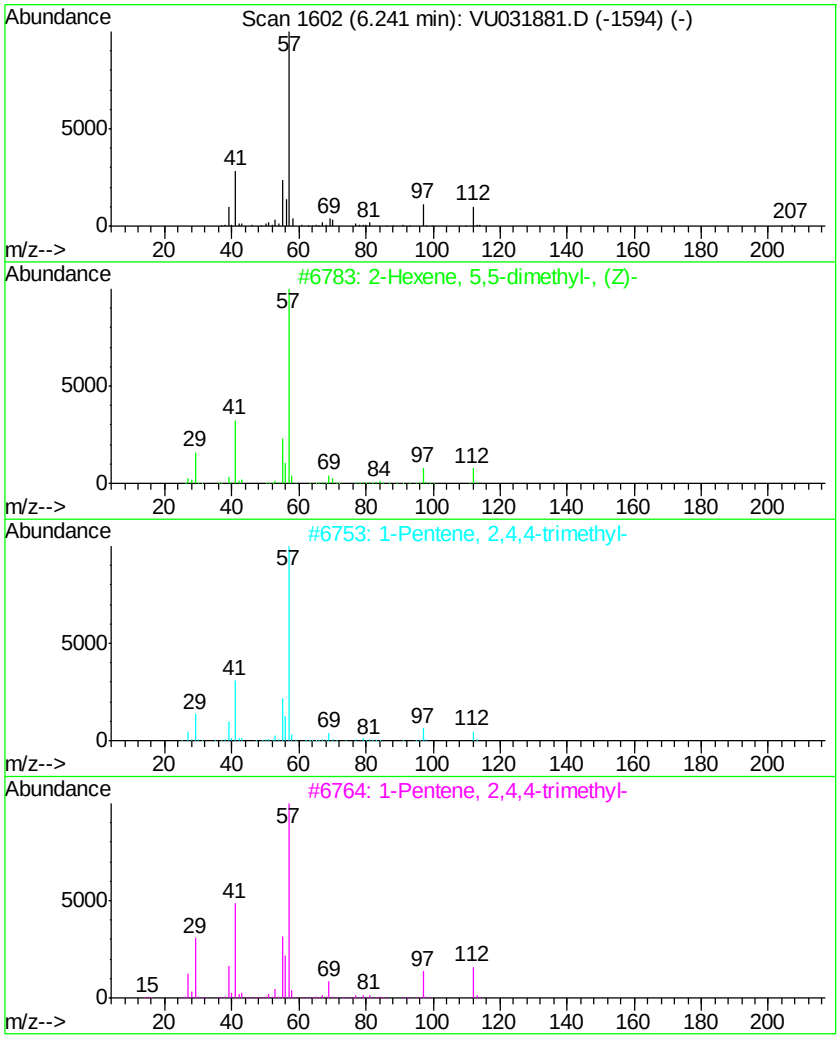
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

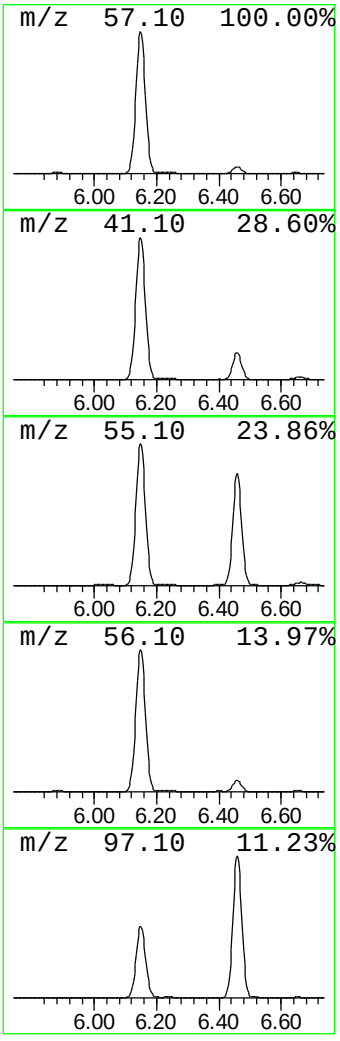
****

Peak Number 2 (DEL) Alkane: Cyclic6.24 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	7.69 ug/L	412725	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	90
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	78
3	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	72
4	1,2-Bis(tert-butylimino)ethane	168	C10H20N2	030834-74-3	64
5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

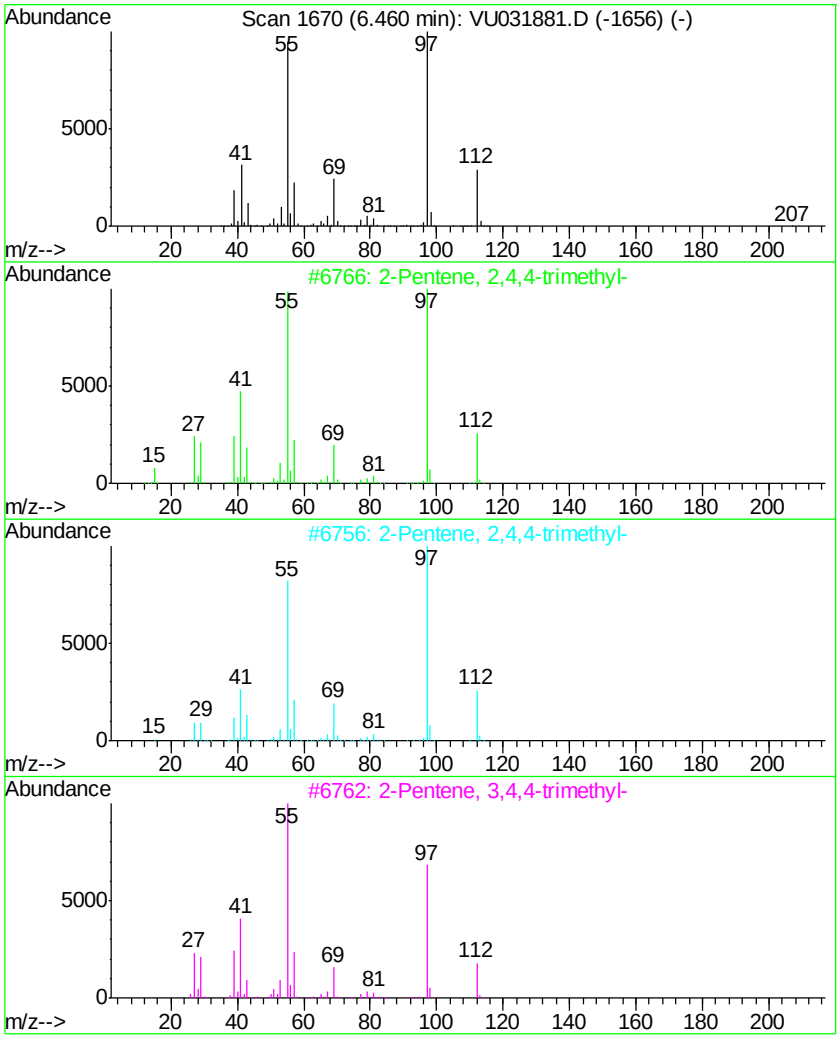
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

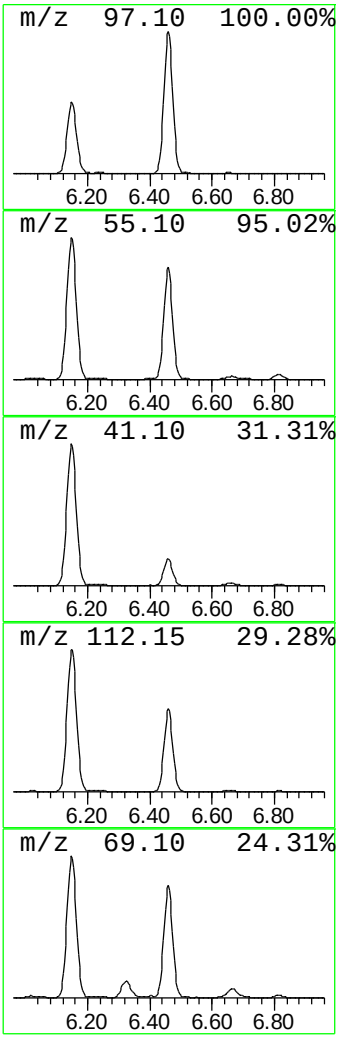
****

Peak Number 3 (DEL) Alkane: Cyclic6.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	199.06 ug/L	10690100	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	91
2	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	91
3	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	91
4	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	91
5	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

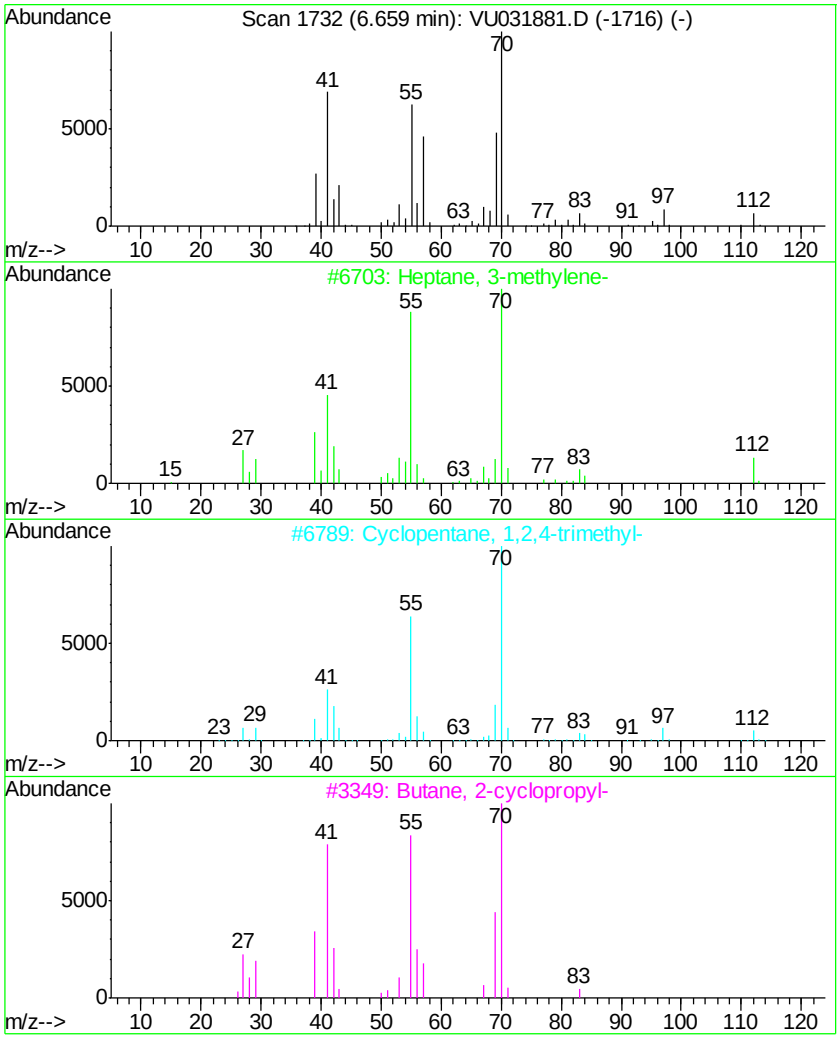
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

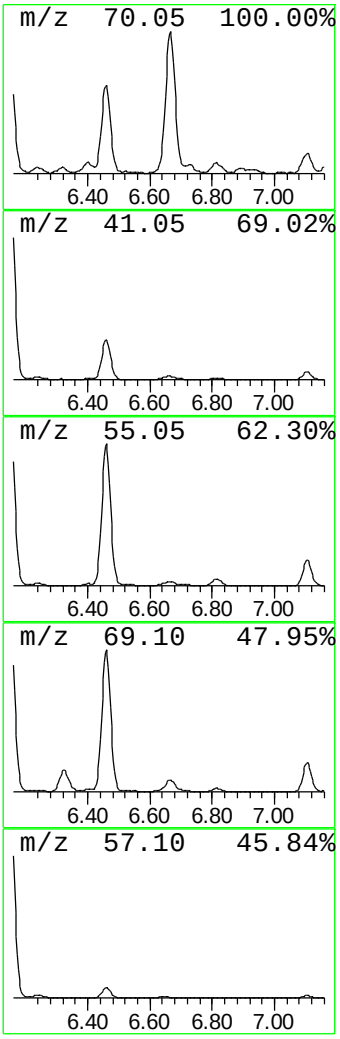
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	15.12 ug/L	812005	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methylene-	112	C8H16	001632-16-2	80
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	80
3	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	72
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	72
5	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

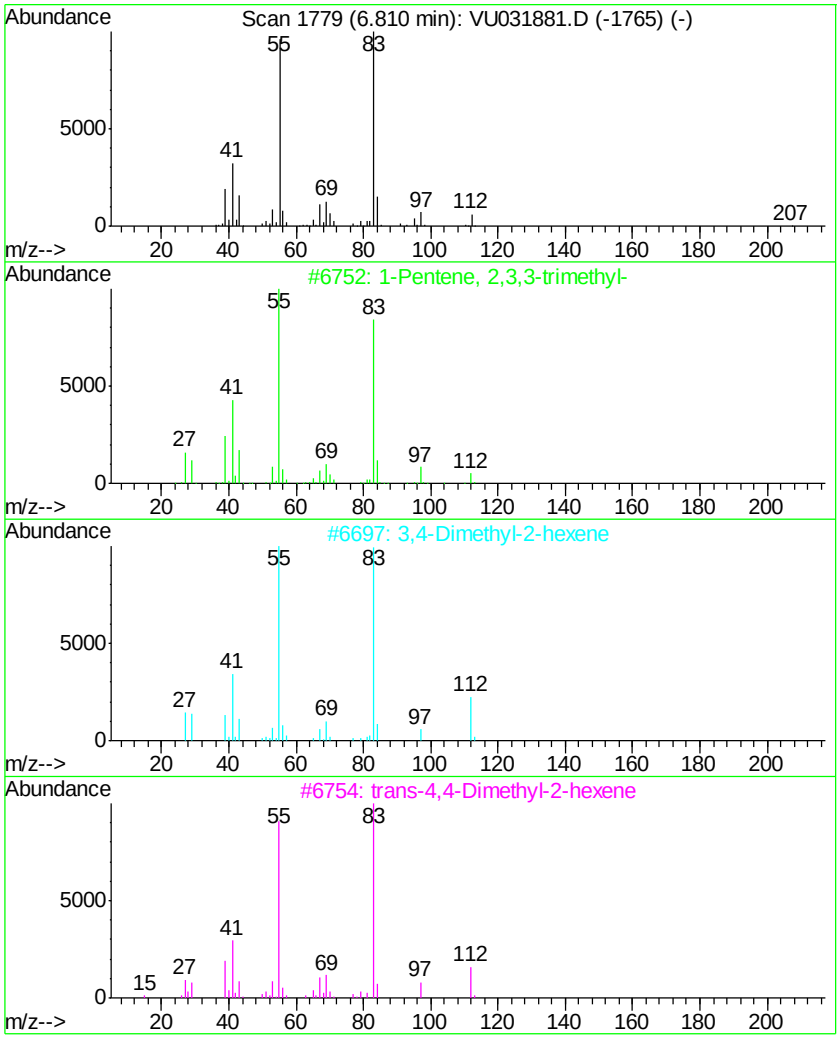
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

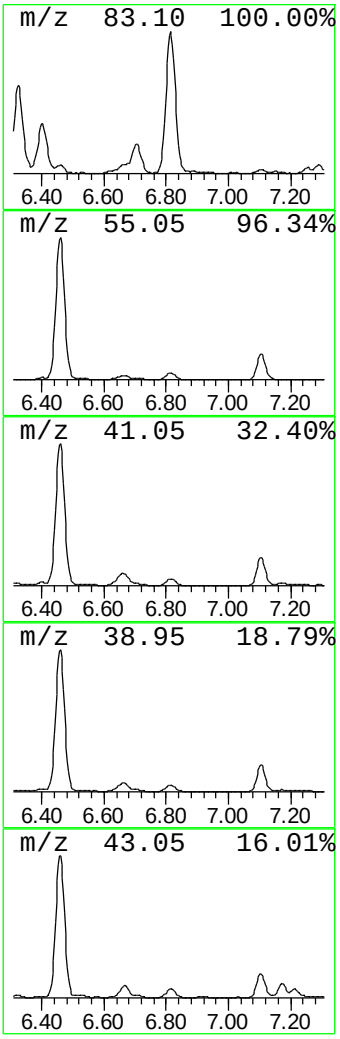
****

Peak Number 5 (DEL) Alkane: Cyclic6.81 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	9.01 ug/L	483860	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,3,3-trimethyl-	112	C8H16	000560-23-6	90
2	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	87
3	trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	86
4	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	86
5	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

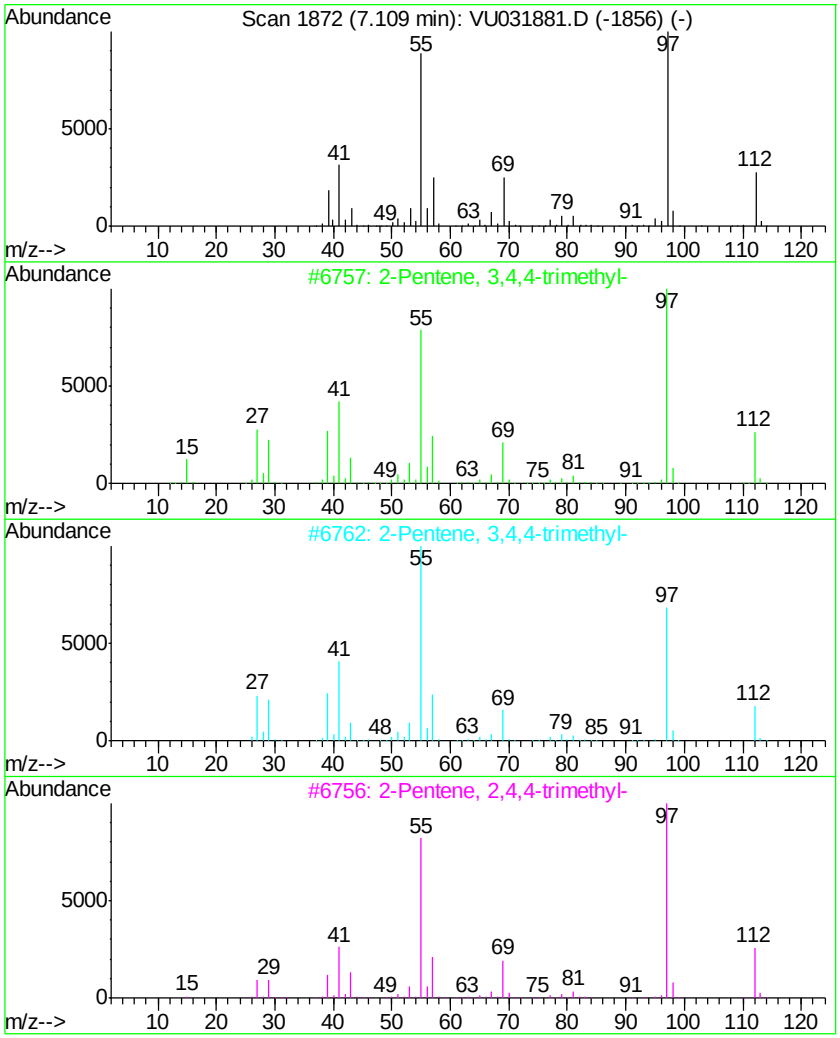
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

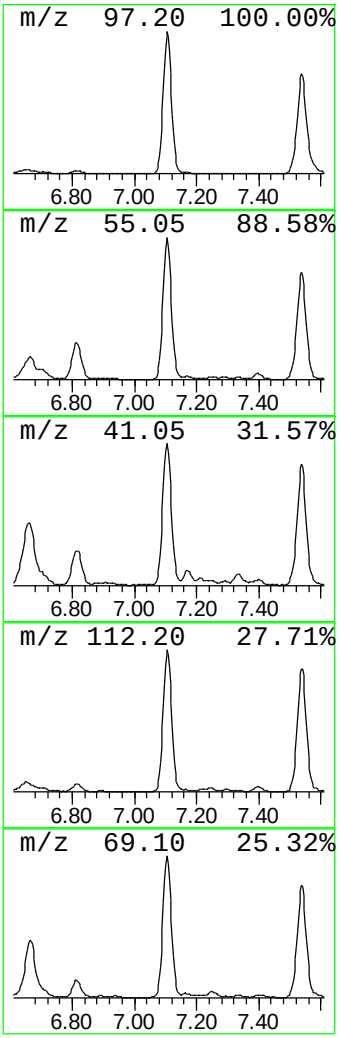
****

Peak Number 6 (DEL) Alkane: Cyclic7.11 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	37.61 ug/L	2019750	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	91
2	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	91
3	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	91
4	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	91
5	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

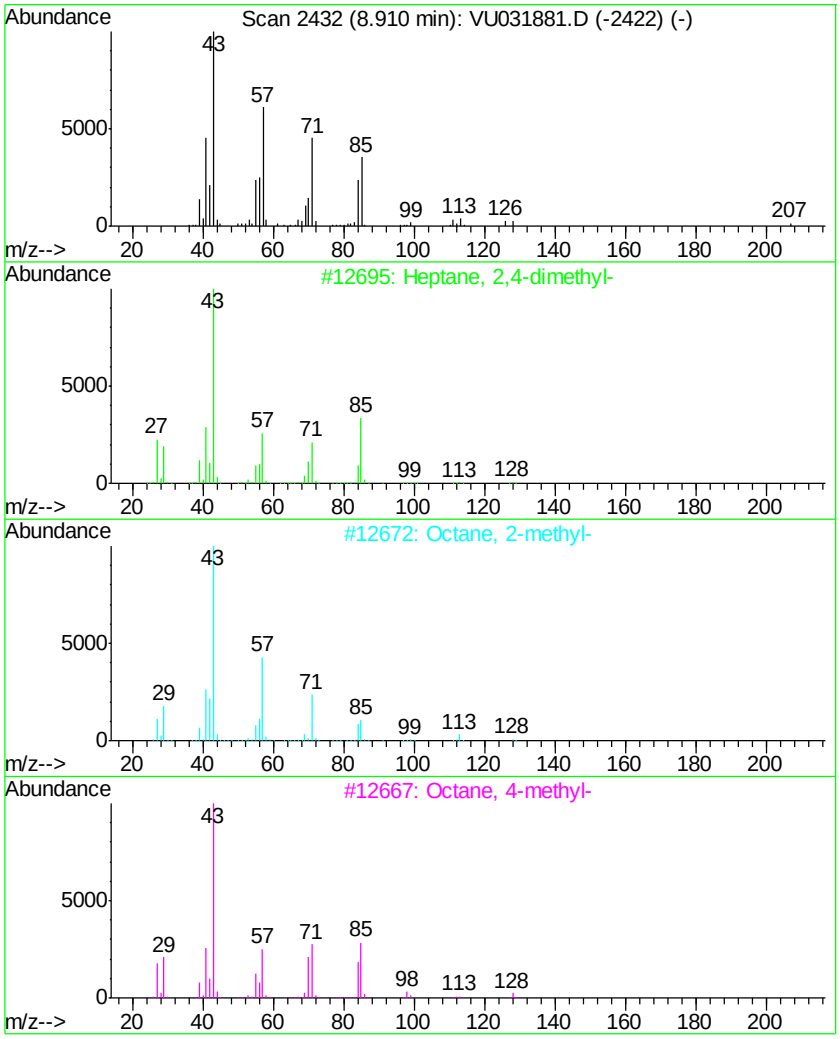
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

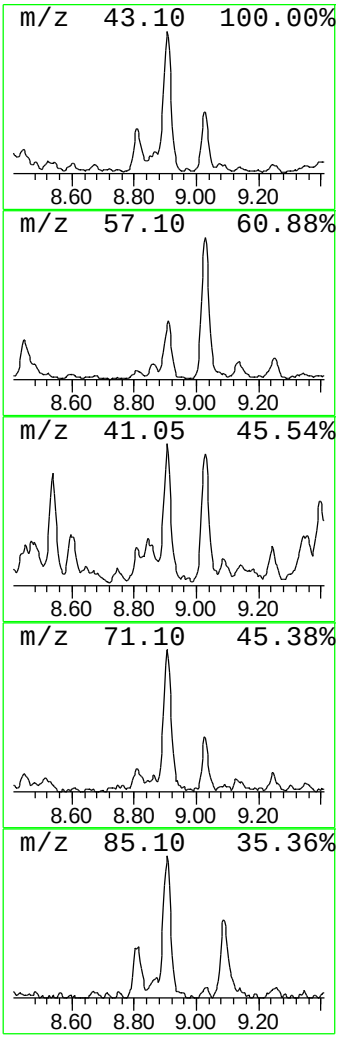
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	2.93 ug/L	203628	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
2	Octane, 2-methyl-	128	C9H20	003221-61-2	53
3	Octane, 4-methyl-	128	C9H20	002216-34-4	50
4	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	50
5	Octane	114	C8H18	000111-65-9	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

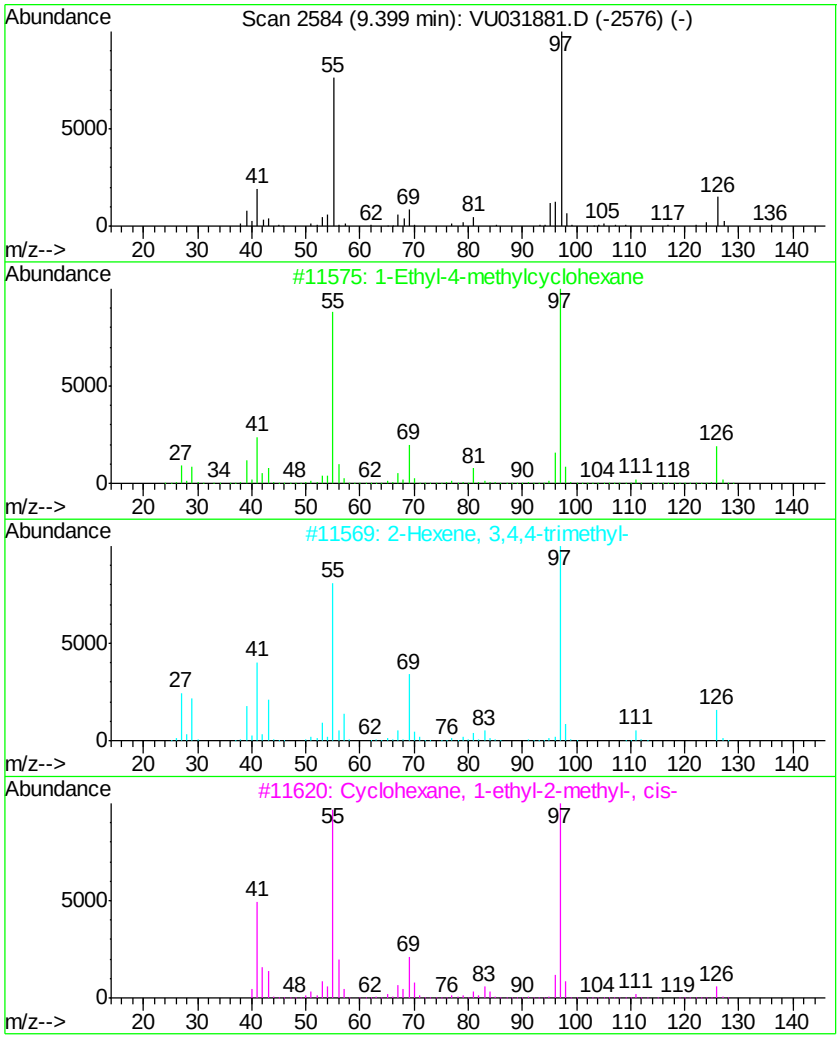
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

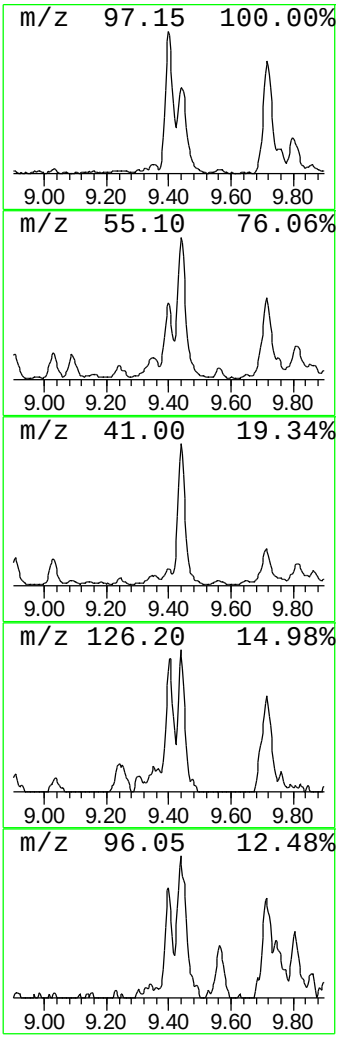
****

Peak Number 9 (DEL) Alkane: Cyclic9.40 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	2.75 ug/L	191339	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
2	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	64
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
4	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	59
5	4-Octen-3-one	126	C8H14O	014129-48-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

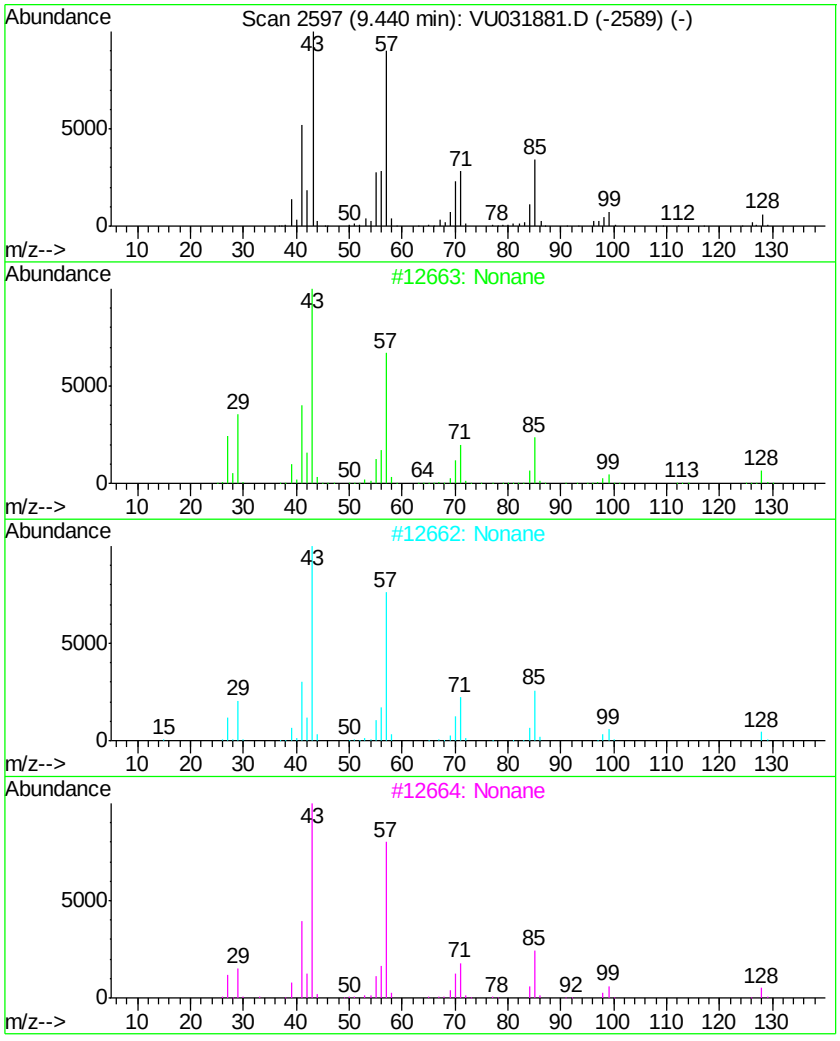
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

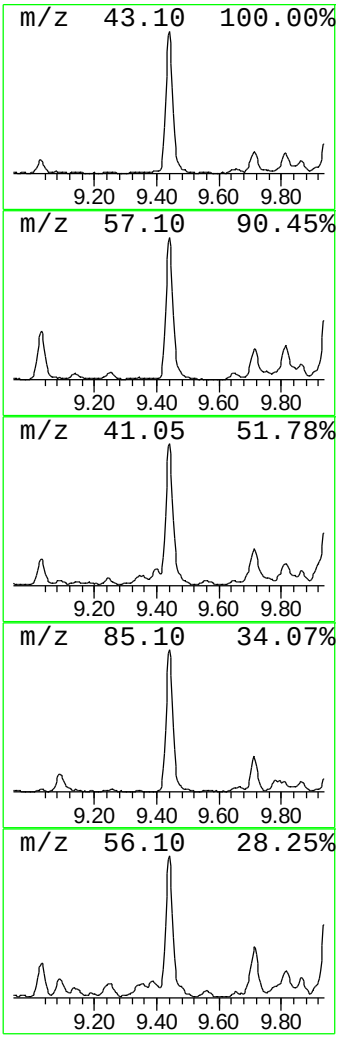
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	14.64 ug/L	1018510	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	87
2	Nonane	128	C9H20	000111-84-2	87
3	Nonane	128	C9H20	000111-84-2	72
4	Decane	142	C10H22	000124-18-5	59
5	Octane	114	C8H18	000111-65-9	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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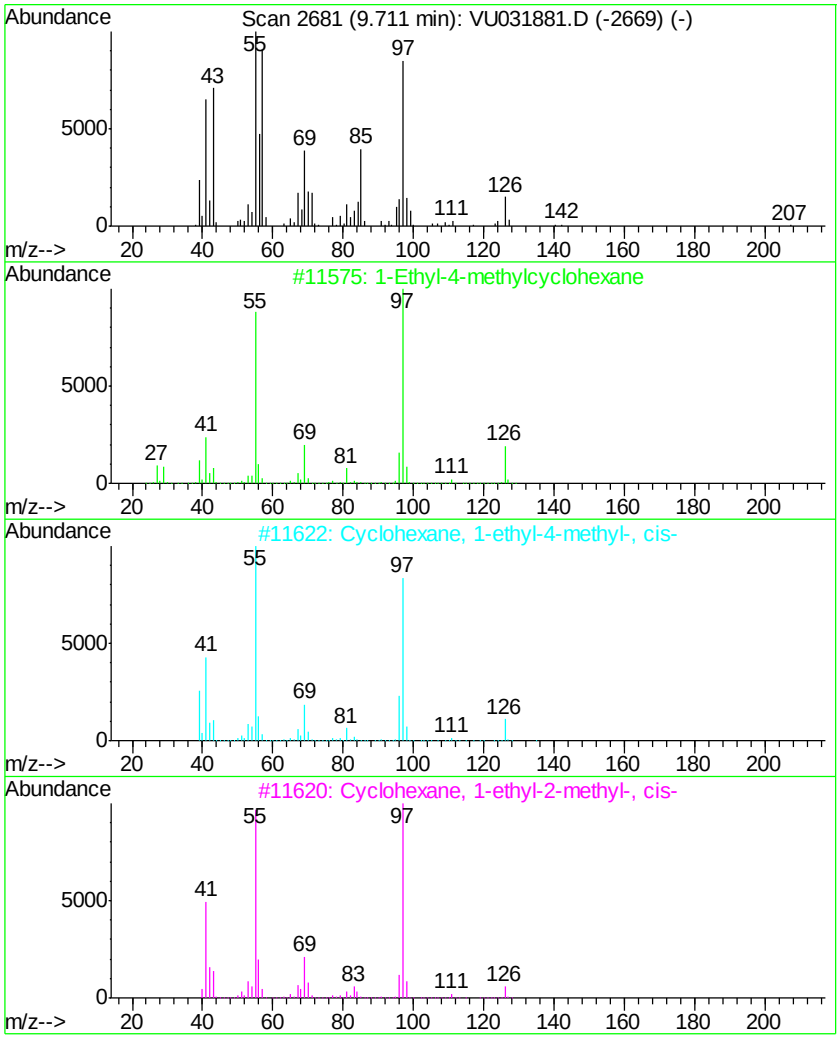
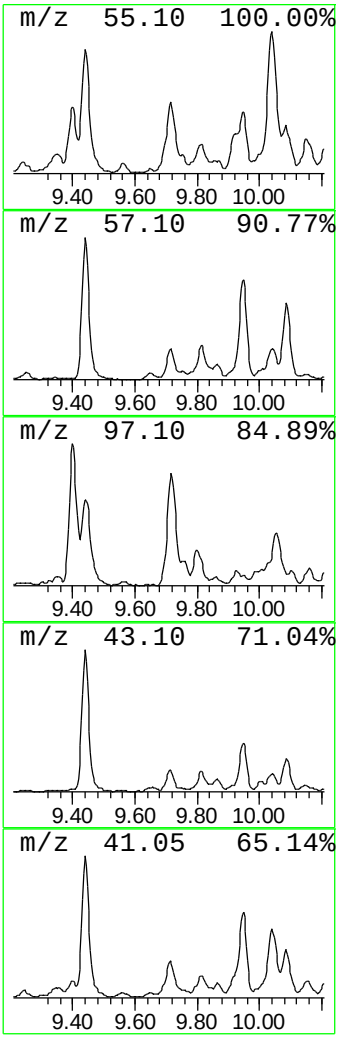
Peak Number 11 (DEL) Alkane: Cyclic9.71 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	6.18 ug/L	430194	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	49
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	47
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	46
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

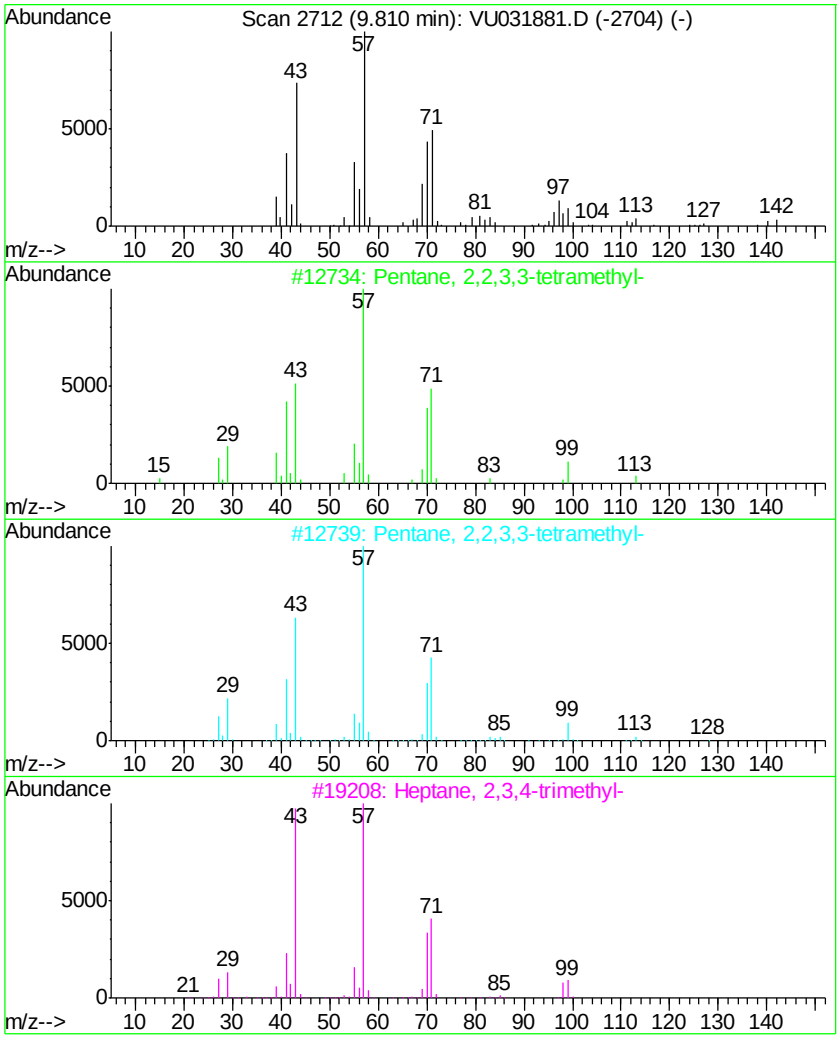
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

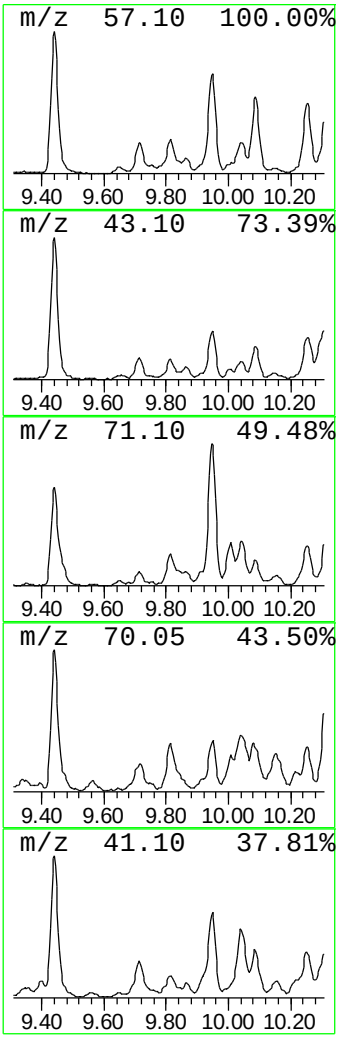
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	3.00 ug/L	208914	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

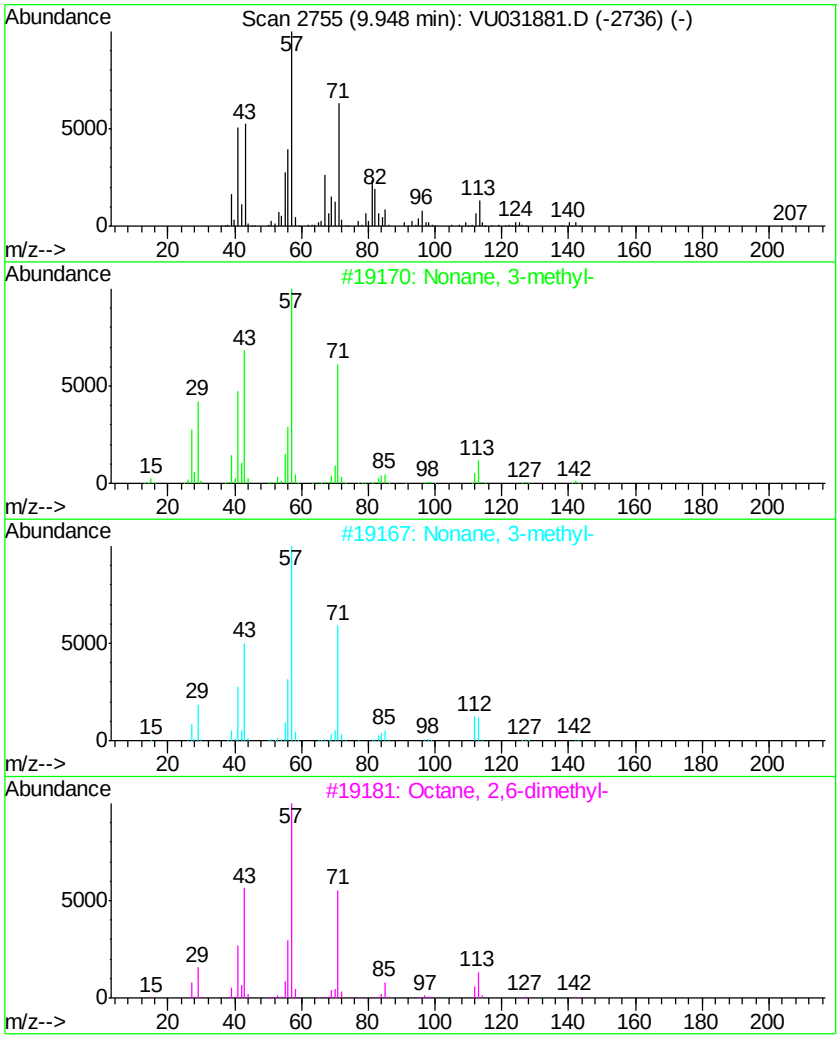
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

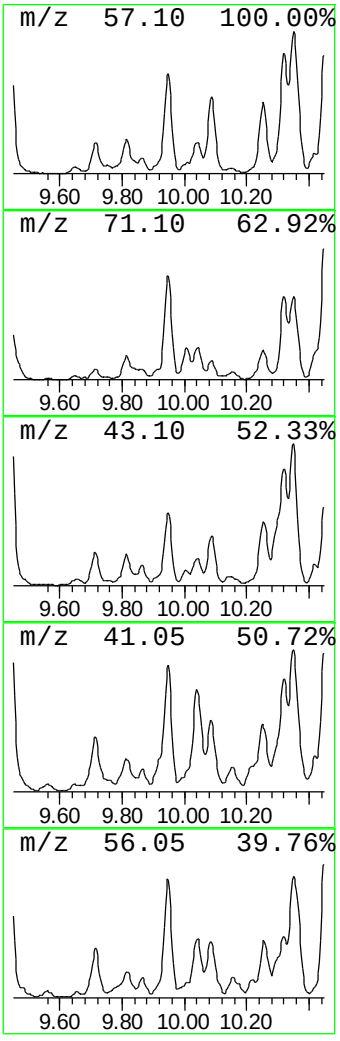
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	11.10 ug/L	771886	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	93
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

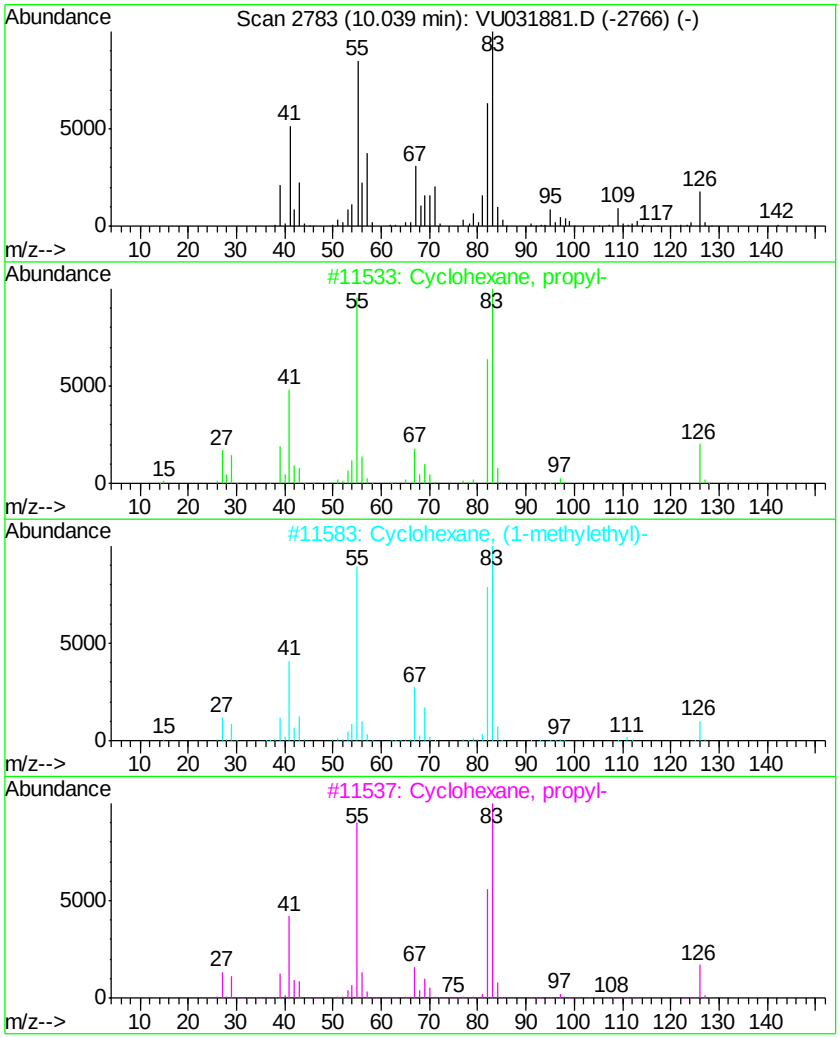
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

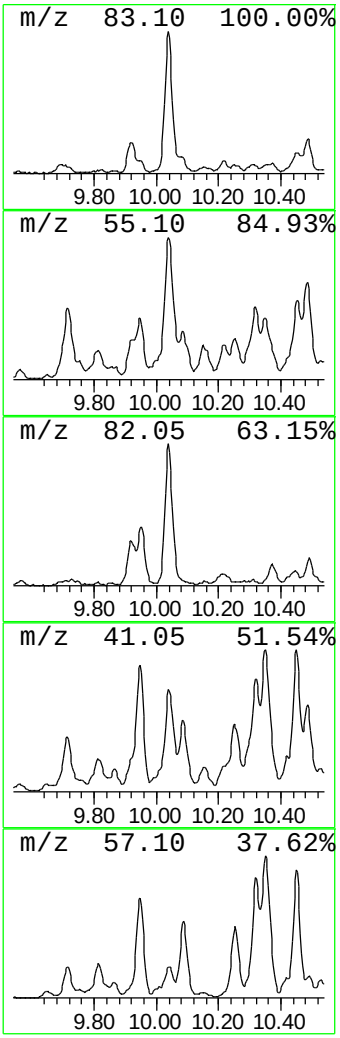
****

Peak Number 14 (DEL) Alkane: Cyclic10.04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	9.87 ug/L	686546	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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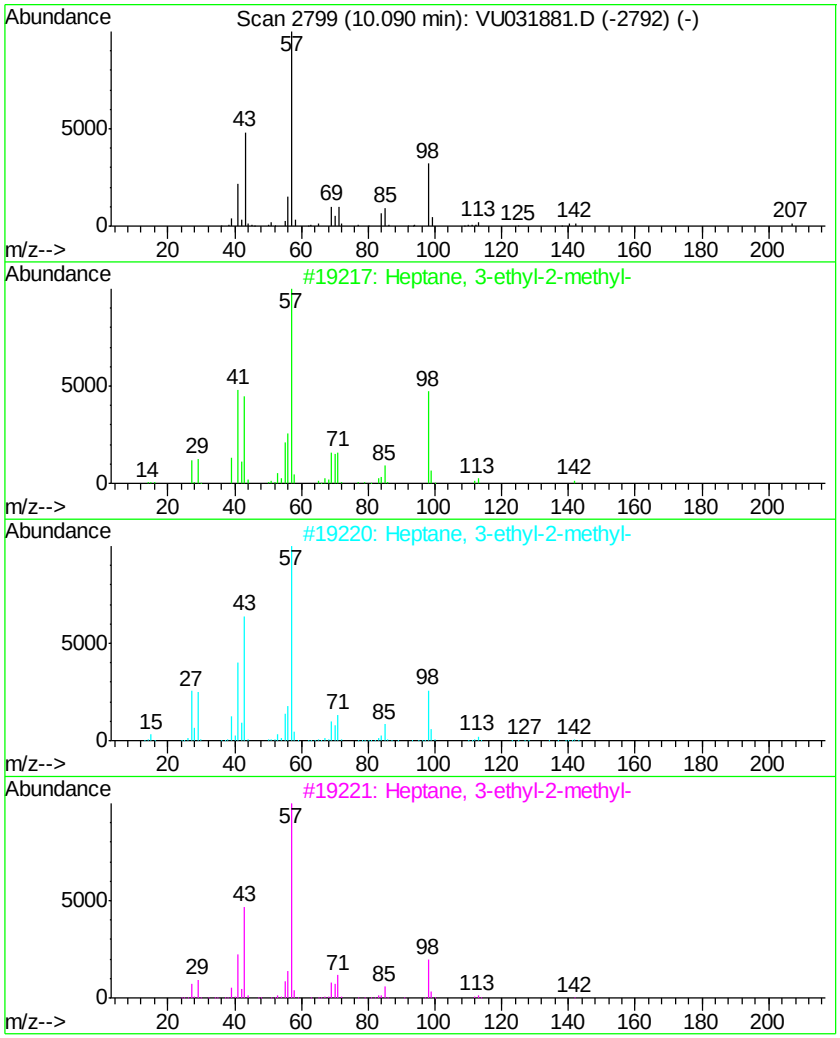
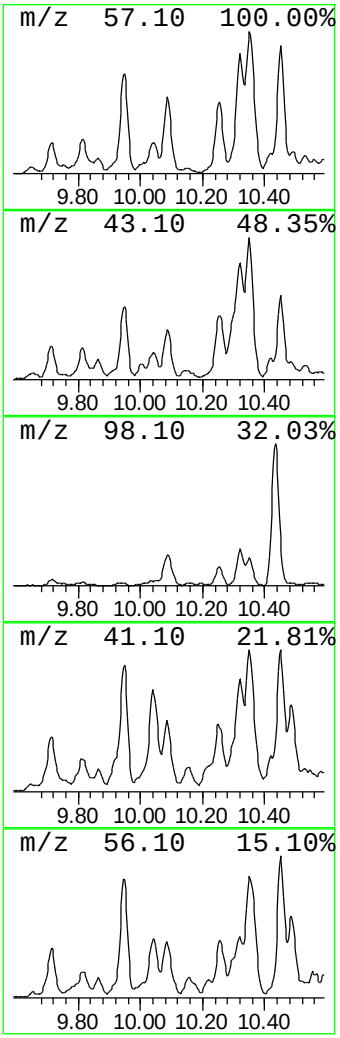
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	4.80 ug/L	333878	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	80
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

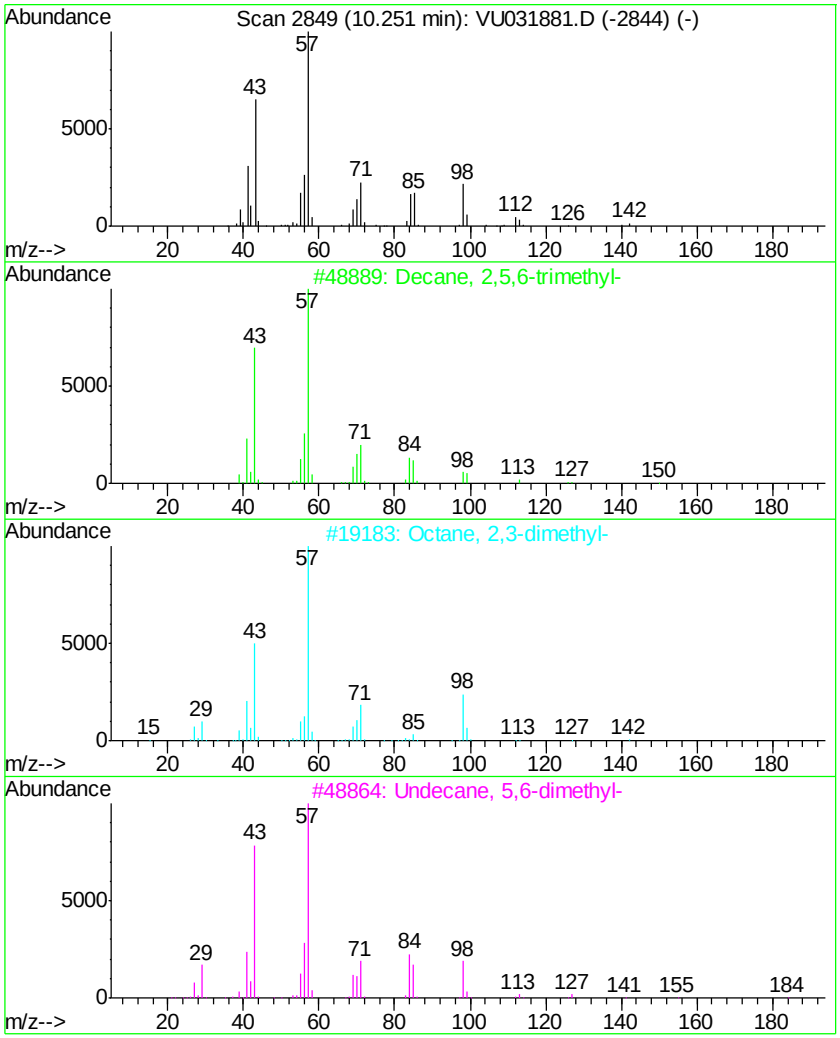
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

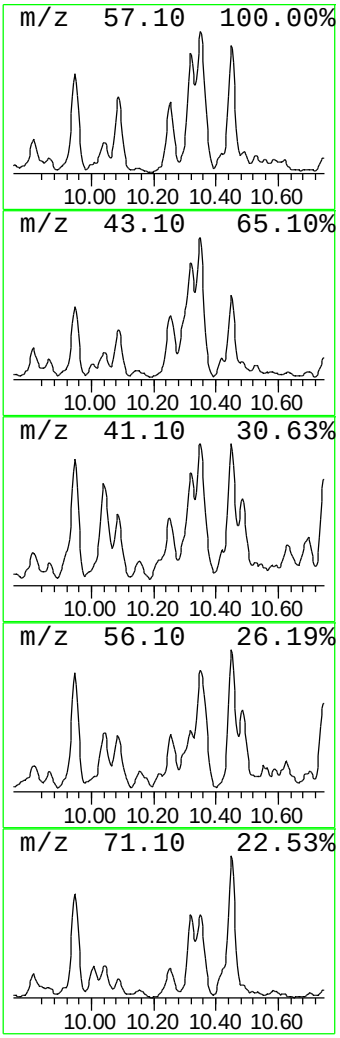
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	3.98 ug/L	277181	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
3	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

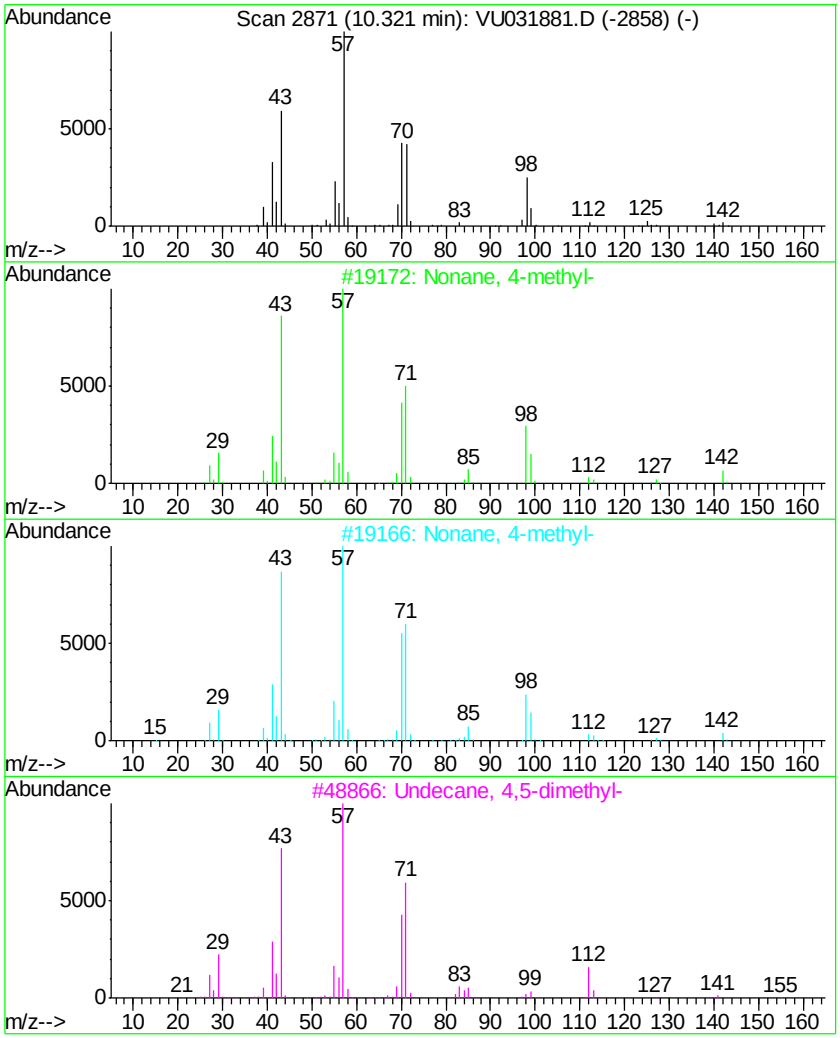
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

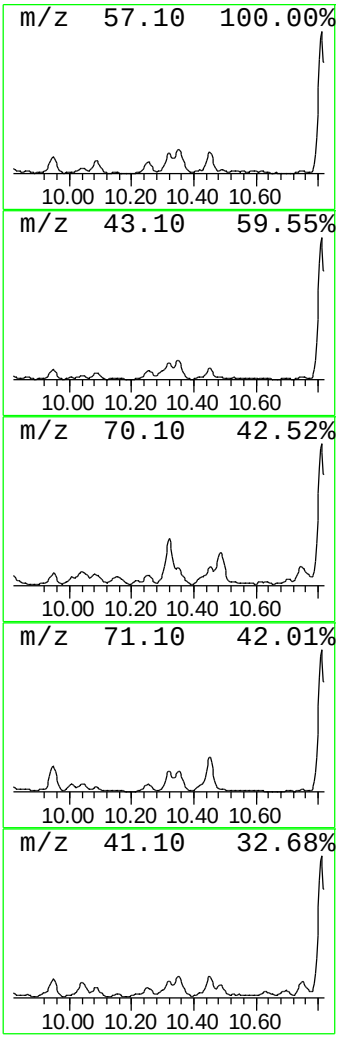
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	9.69 ug/L	634338	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

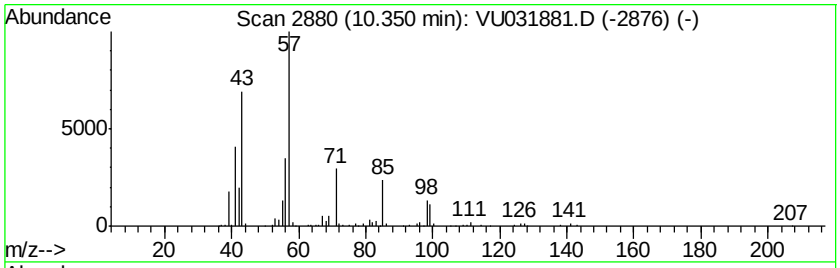
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

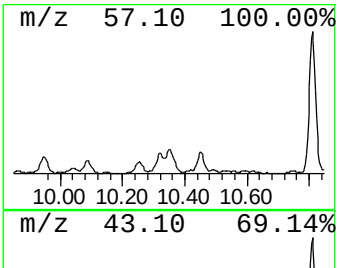
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	10.29 ug/L	673748	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
2	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	59
3	Decane	142	C10H22	000124-18-5	59
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	53
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

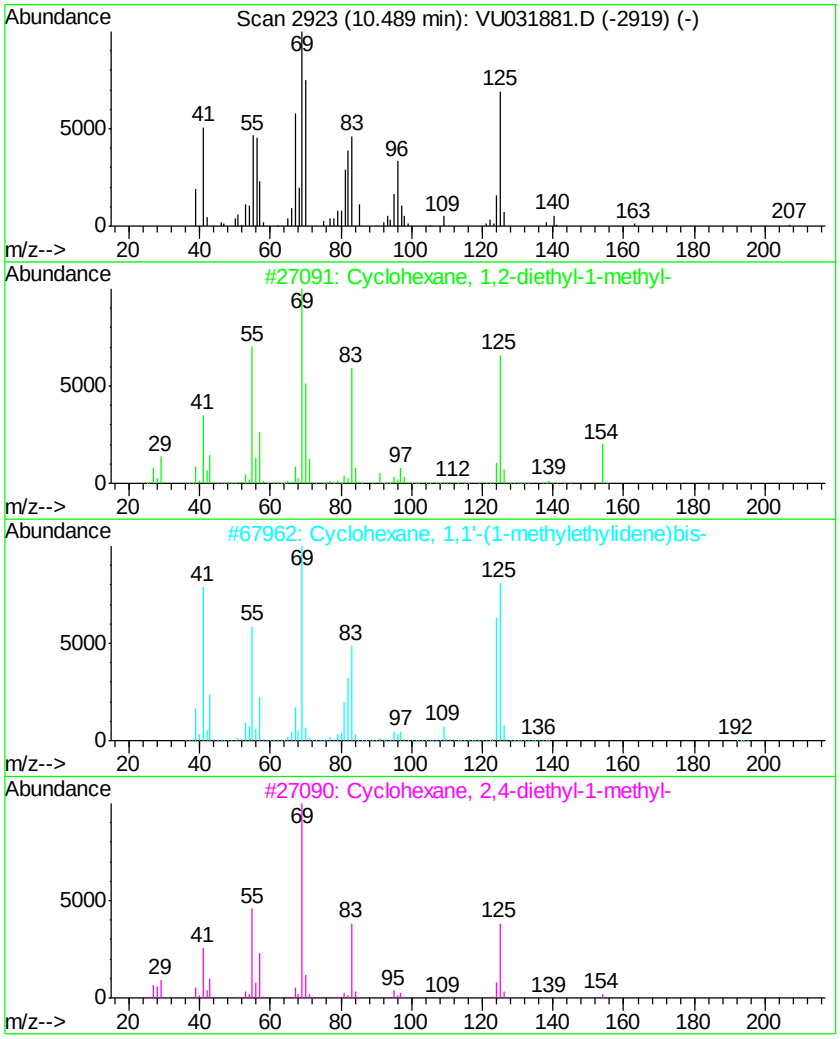
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

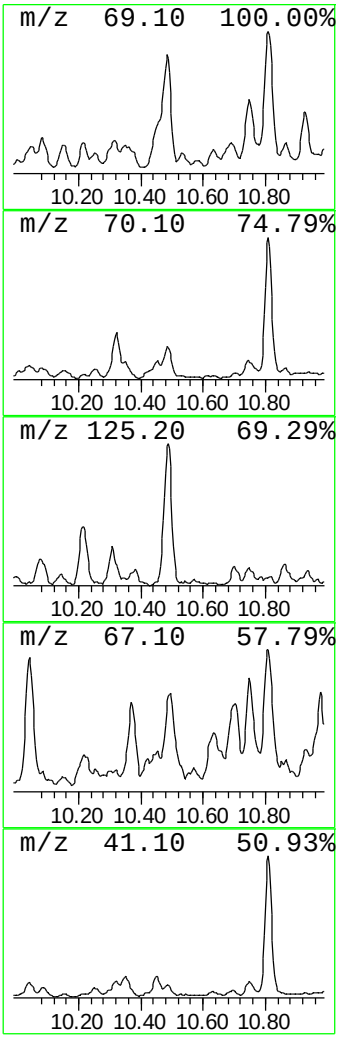
****

Peak Number 19 (DEL) Alkane: Cyclic10.49 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	4.96 ug/L	324386	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	47
2	Cyclohexane, 1,1'-(1-methylethyl...	208	C15H28	054934-90-6	46
3	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	43
4	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	43
5	Cyclohexanecarboxylic acid, 4-pr...	368	C22H28N2O3	075941-67-2	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

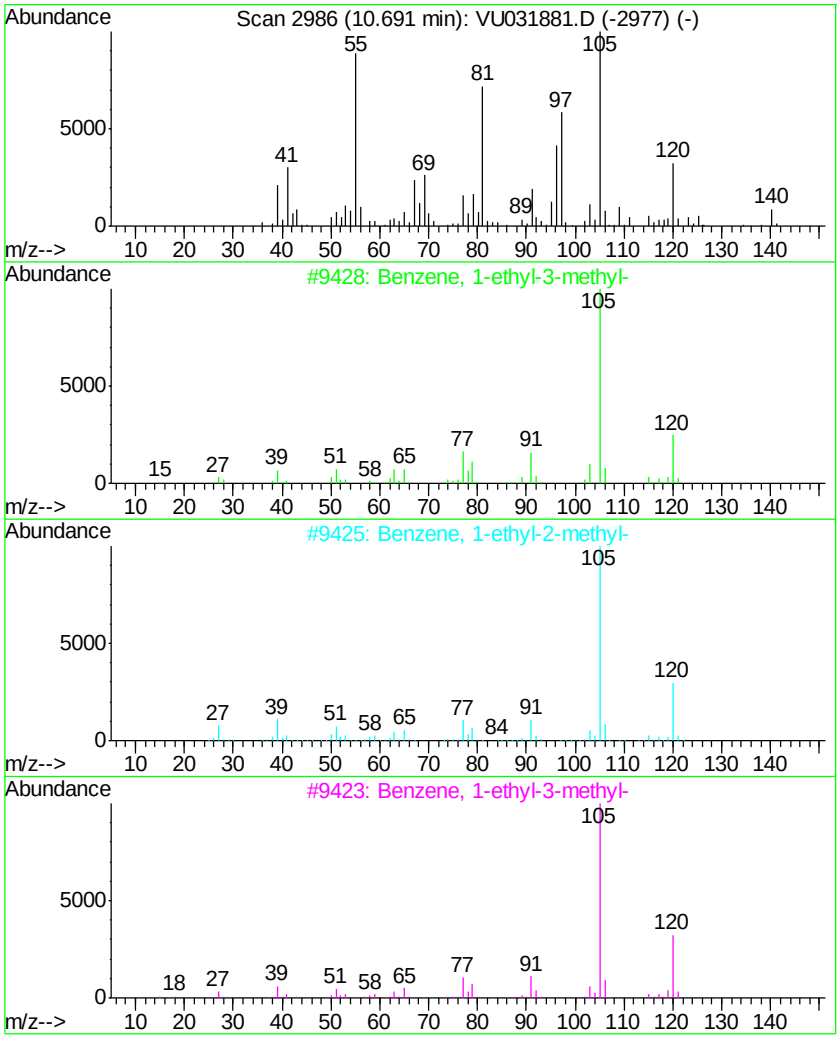
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

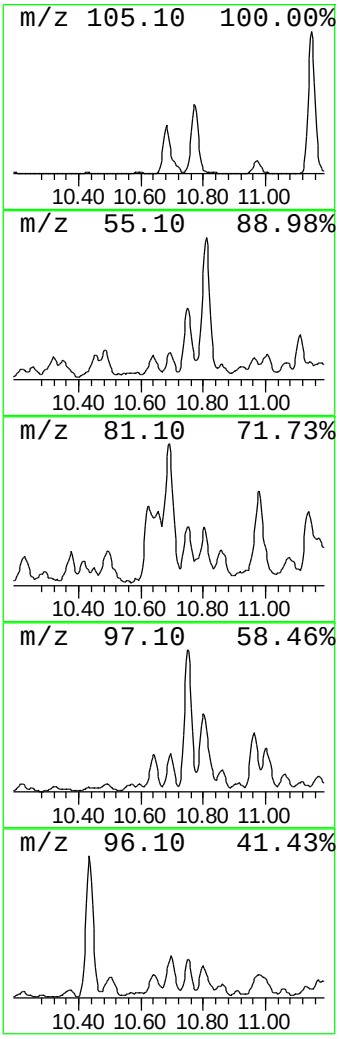
****

Peak Number 20 Benzene, 1-ethyl-3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	5.82 ug/L	381158	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	55
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	55
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	55
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	55
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

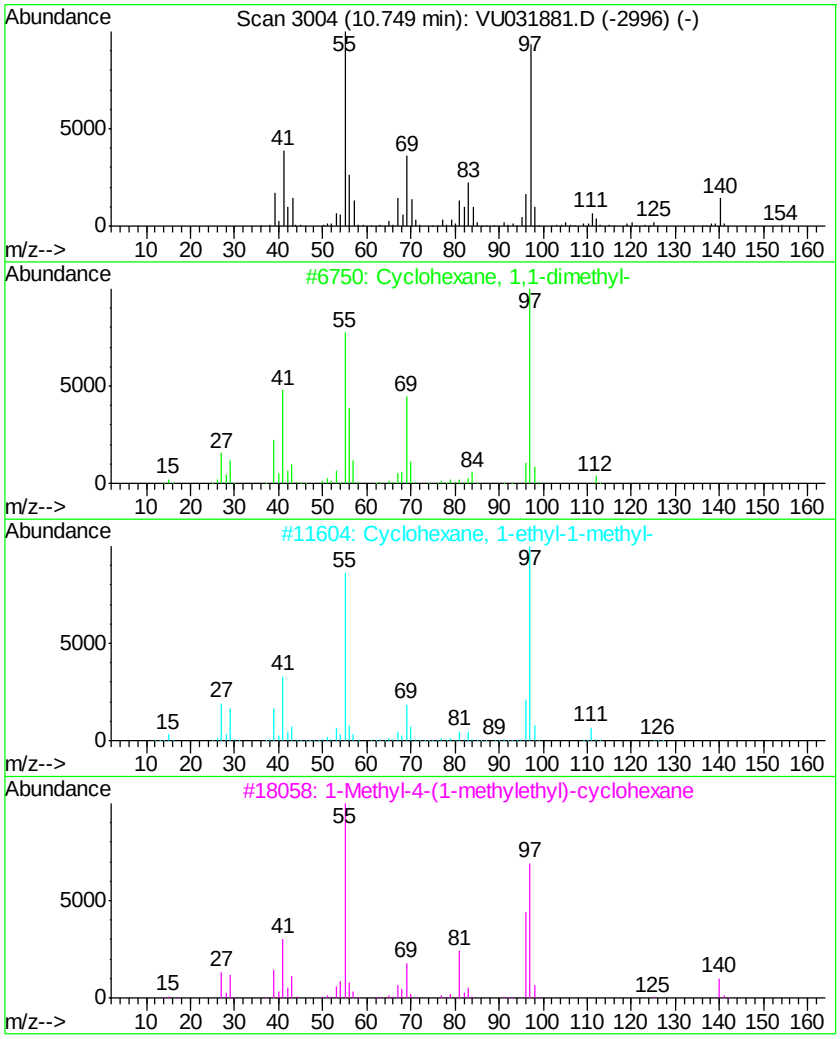
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

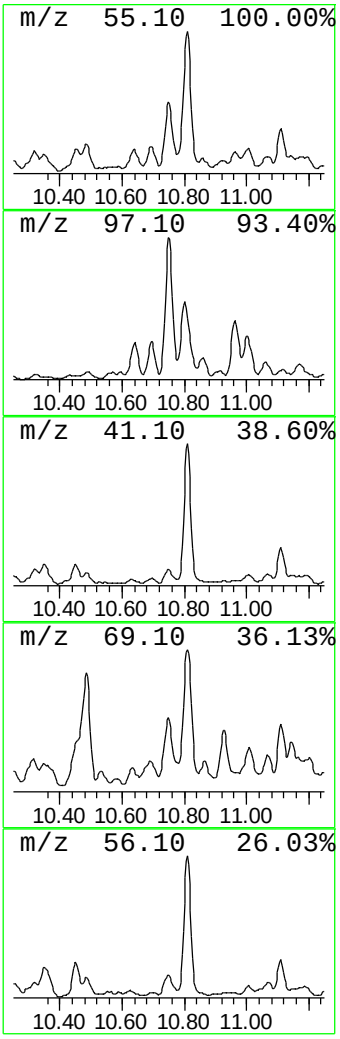
****

Peak Number 21 (DEL) Alkane: Cyclic10.75 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	12.64 ug/L	827413	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	62
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	58
3	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	52
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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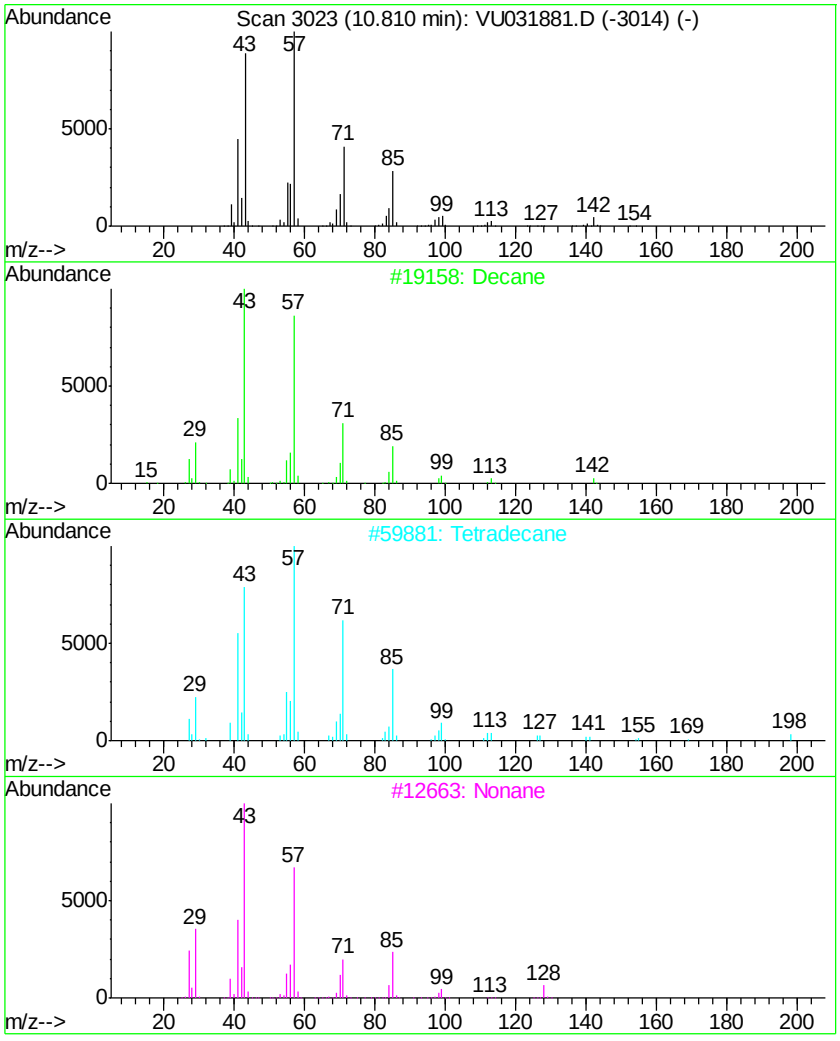
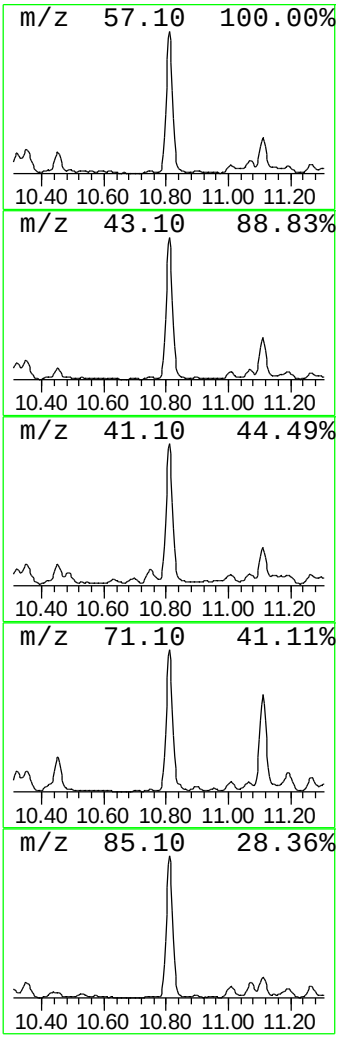
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	61.95 ug/L	4054550	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	87
2	Tetradecane	198	C14H30	000629-59-4	86
3	Nonane	128	C9H20	000111-84-2	72
4	Tridecane	184	C13H28	000629-50-5	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

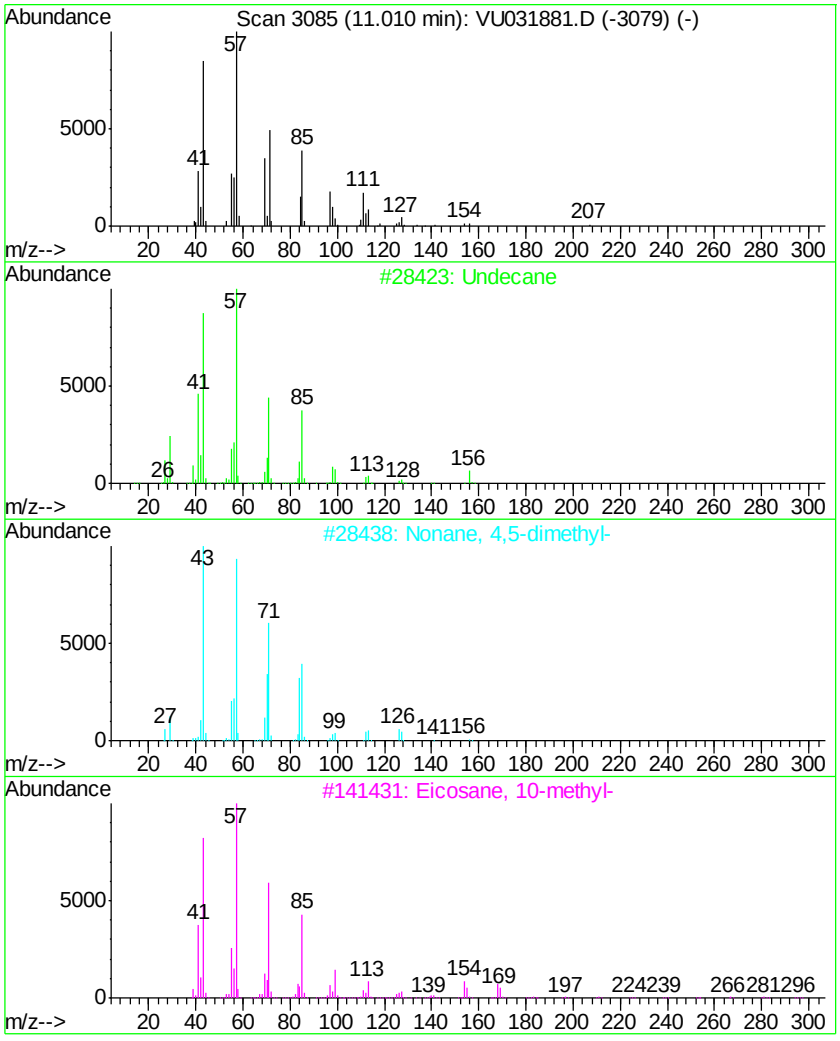
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

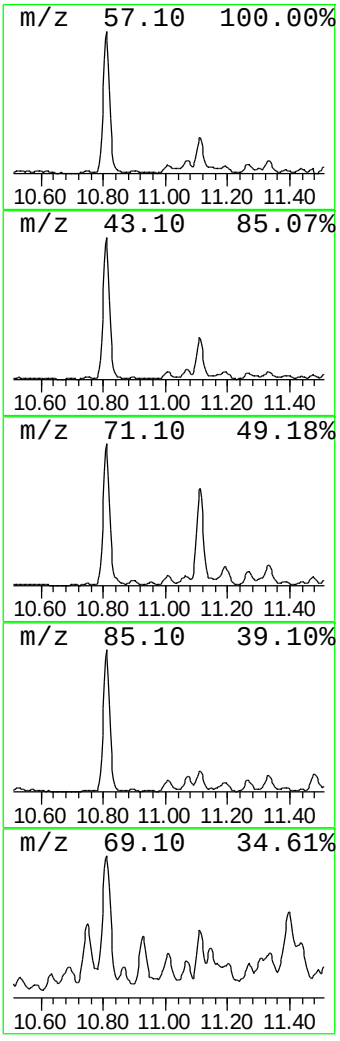
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	3.98 ug/L	260479	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	72
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	70
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	53
4	Nonane	128	C9H20	000111-84-2	50
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

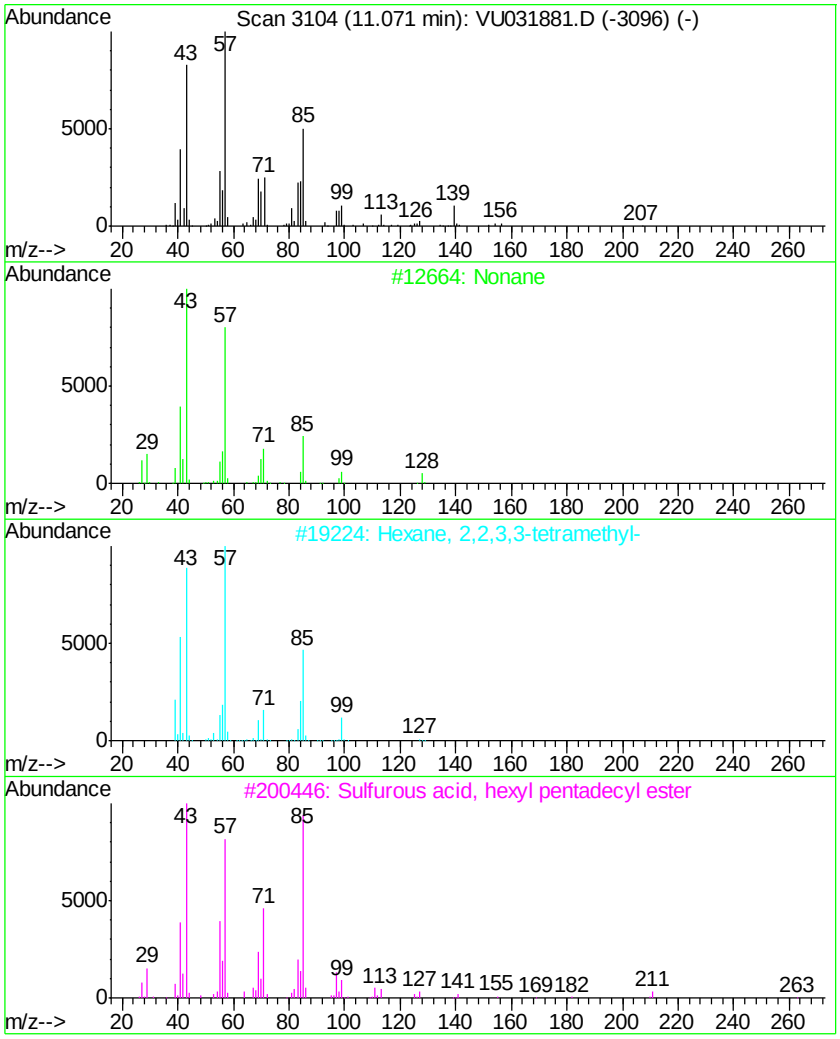
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

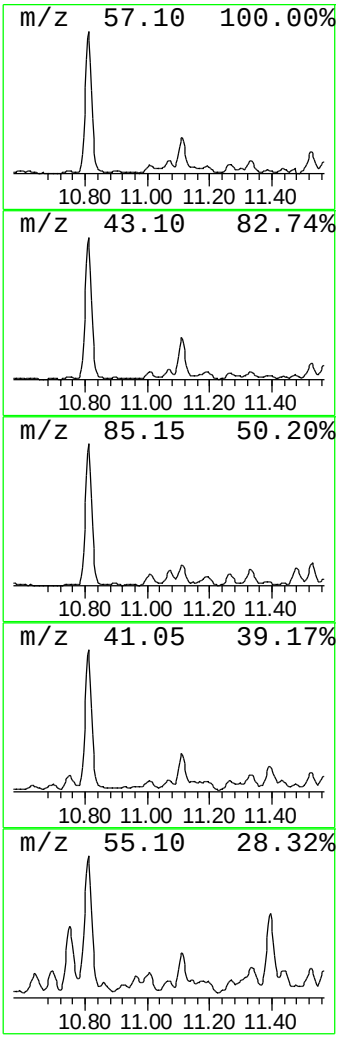
****

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	3.92 ug/L	256312	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	50
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	47
3	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	47
4	Decane, 5-methyl-	156	C11H24	013151-35-4	43
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

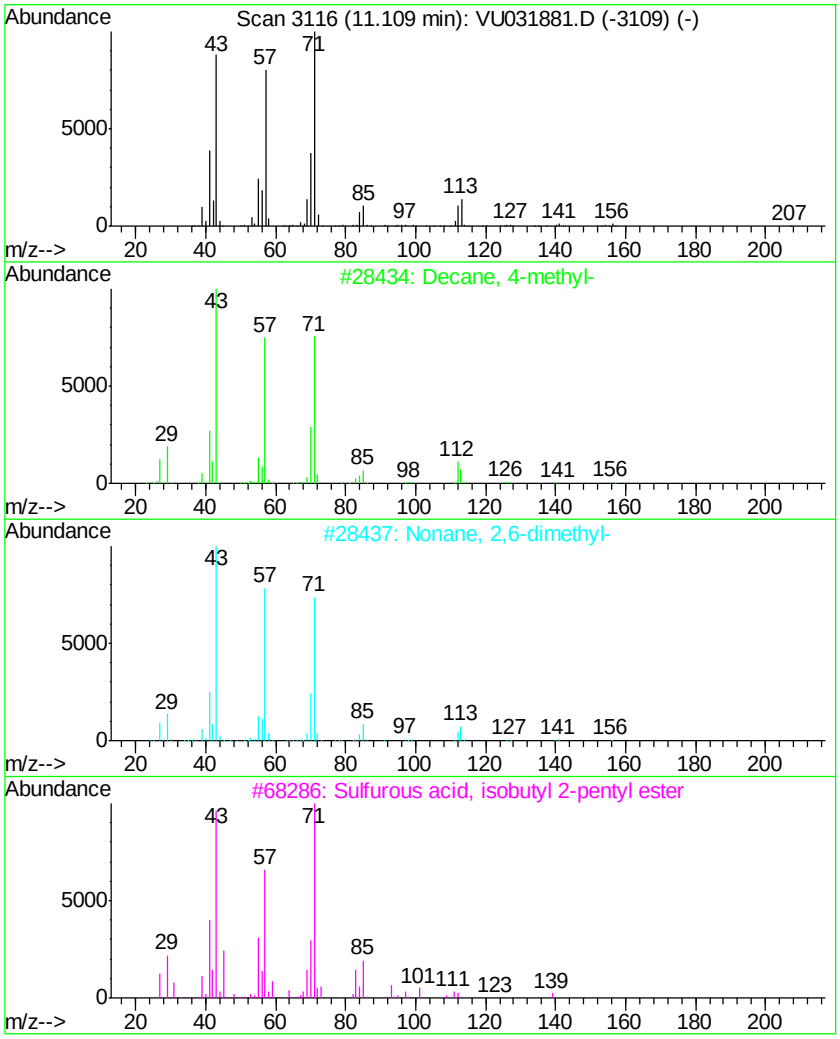
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

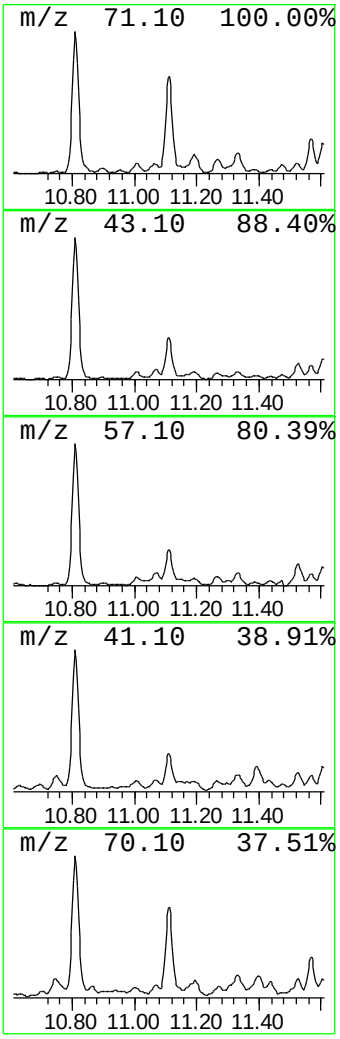
****

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	16.81 ug/L	1100280	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	87
3	Sulfurous acid, isobutyl 2-pentyl...	208	C9H20O3S	1000309-15-2	80
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

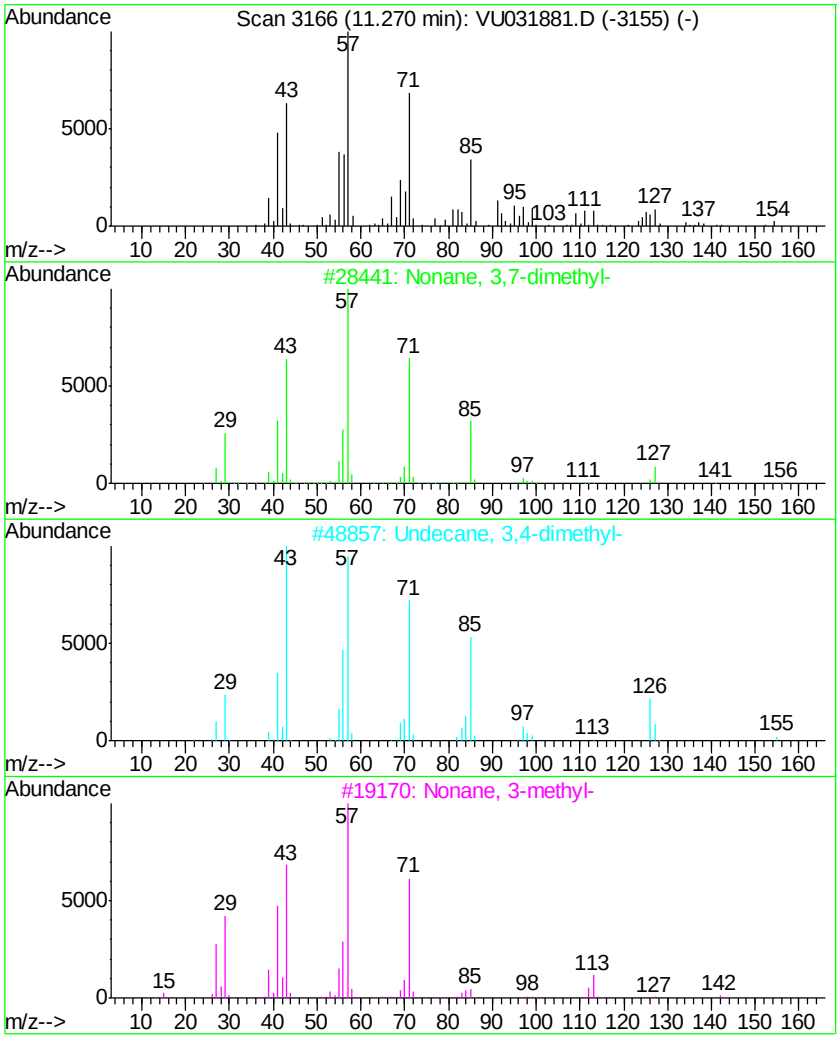
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

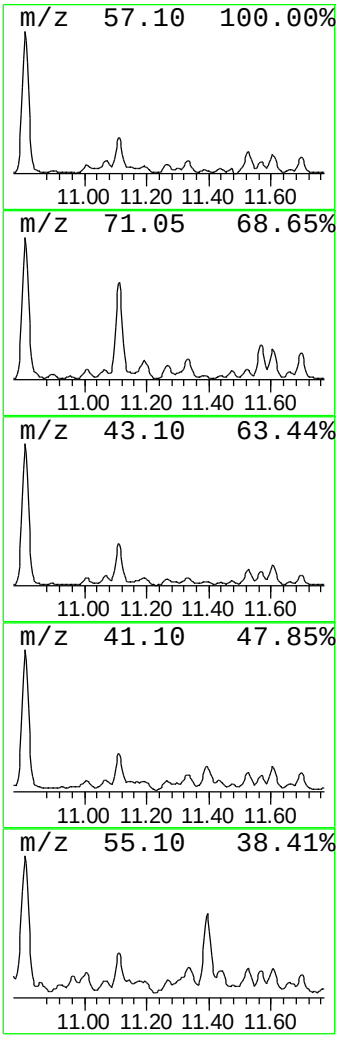
****

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	5.35 ug/L	350099	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
2	Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	53
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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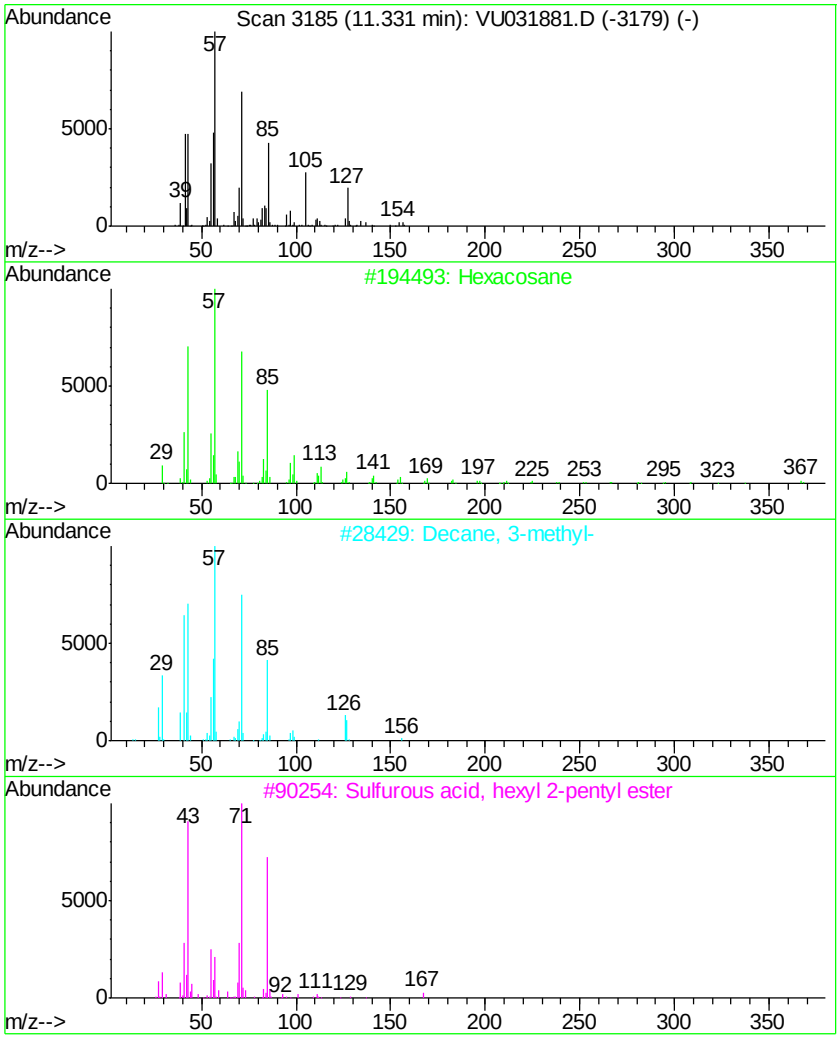
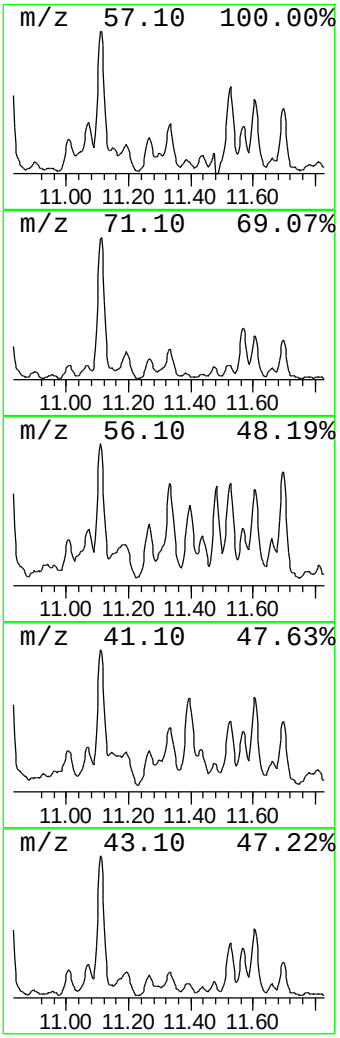
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	9.03 ug/L	590797	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	43
2	Decane, 3-methyl-	156	C11H24	013151-34-3	43
3	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	43
4	Hexadecane	226	C16H34	000544-76-3	43
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

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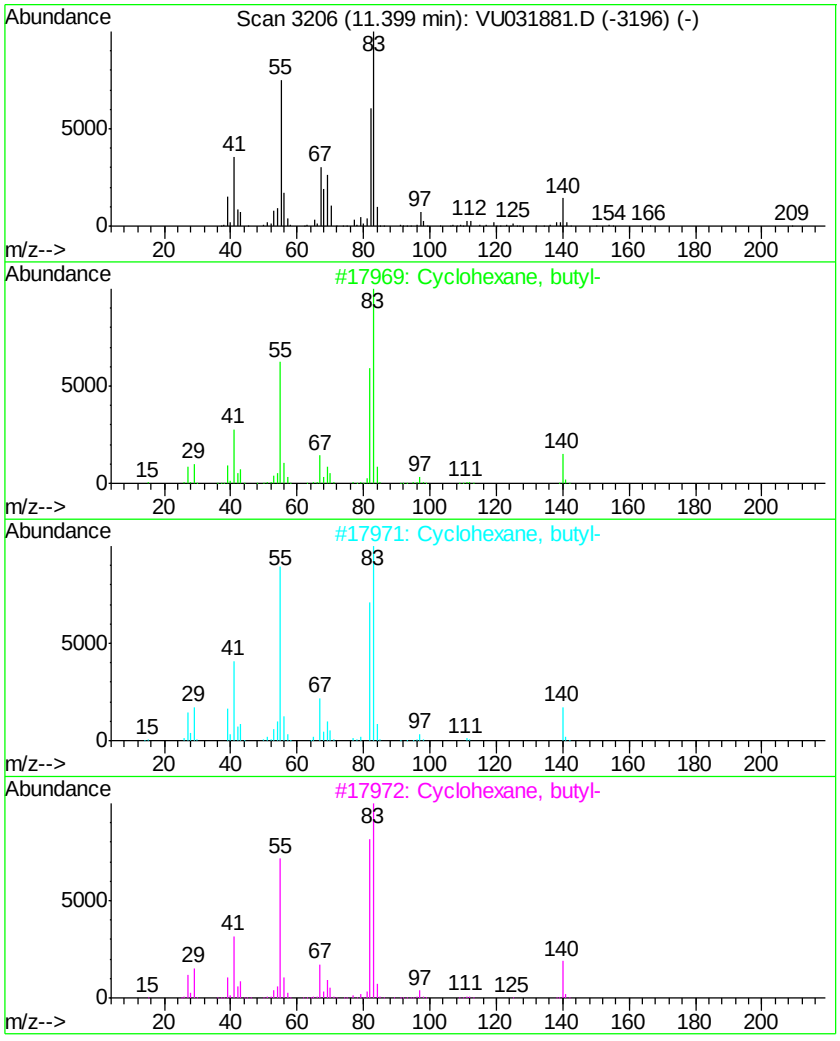
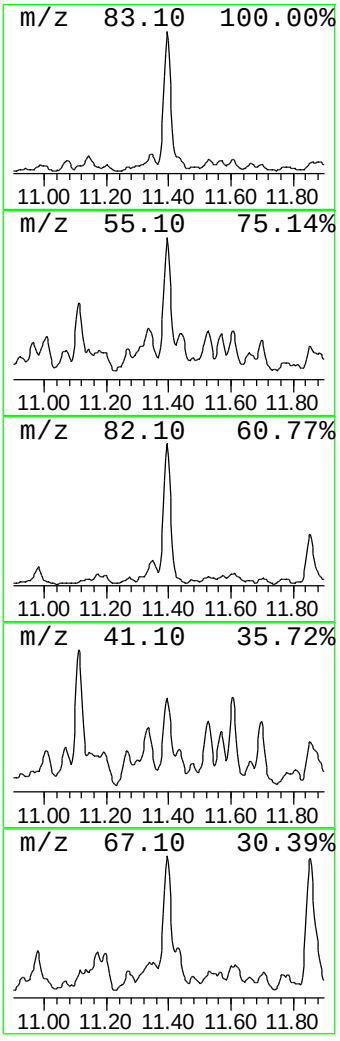
Peak Number 29 (DEL) Alkane: Cyclic11.40 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	12.20 ug/L	798317	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

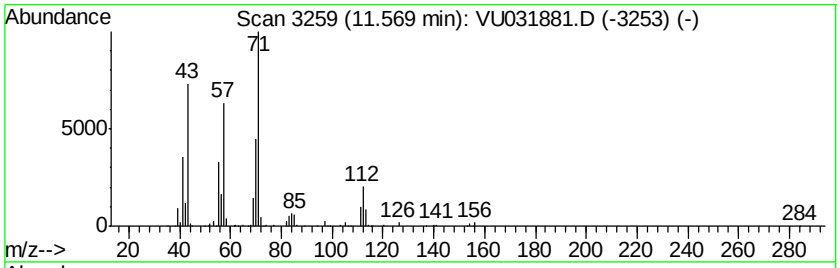
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

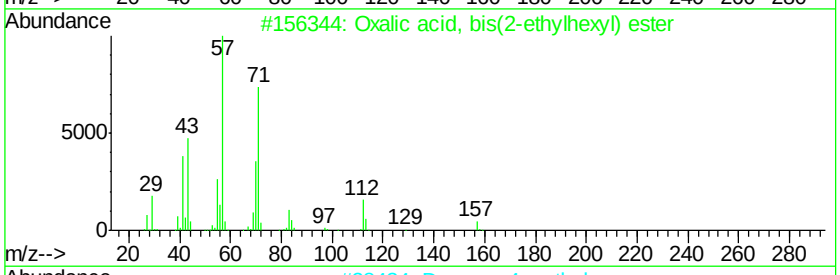
****

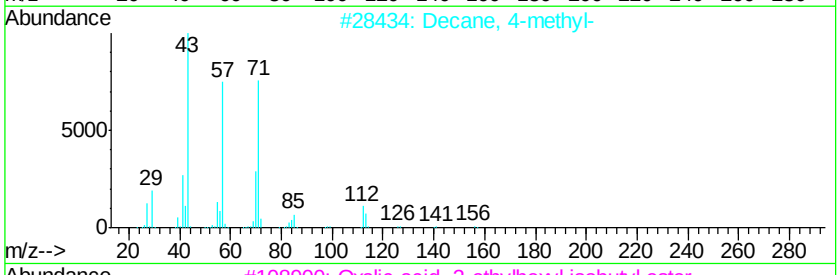
Peak Number 30 Oxalic acid, bis(2-ethylhex... Concentration Rank 31

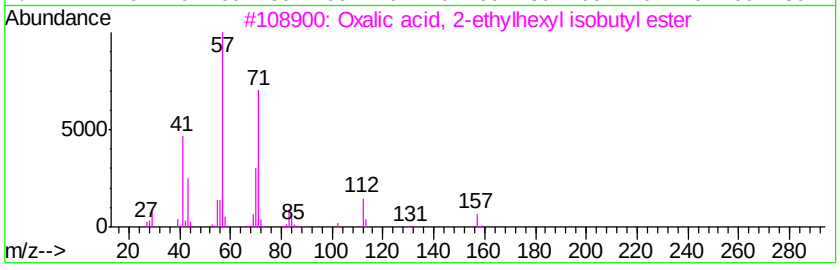
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	4.97 ug/L	325271	1,4-Dichlorobenzene-d4	11.48

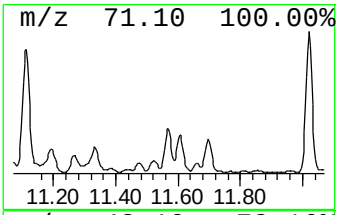
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	86
2	Decane, 4-methyl-	156	C11H24	002847-72-5	80
3	Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1000309-38-5	78
4	Decane, 4-methyl-	156	C11H24	002847-72-5	78
5	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	78

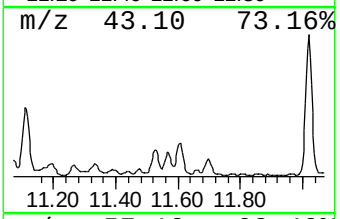


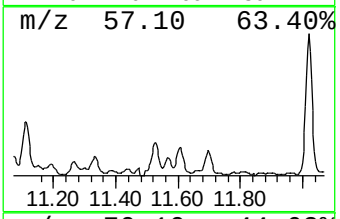


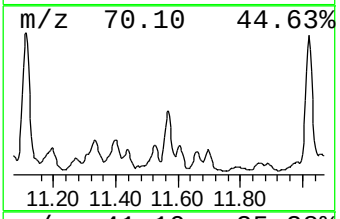


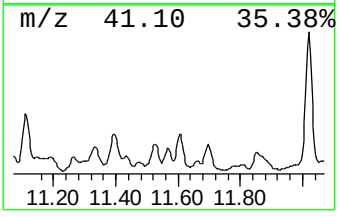












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

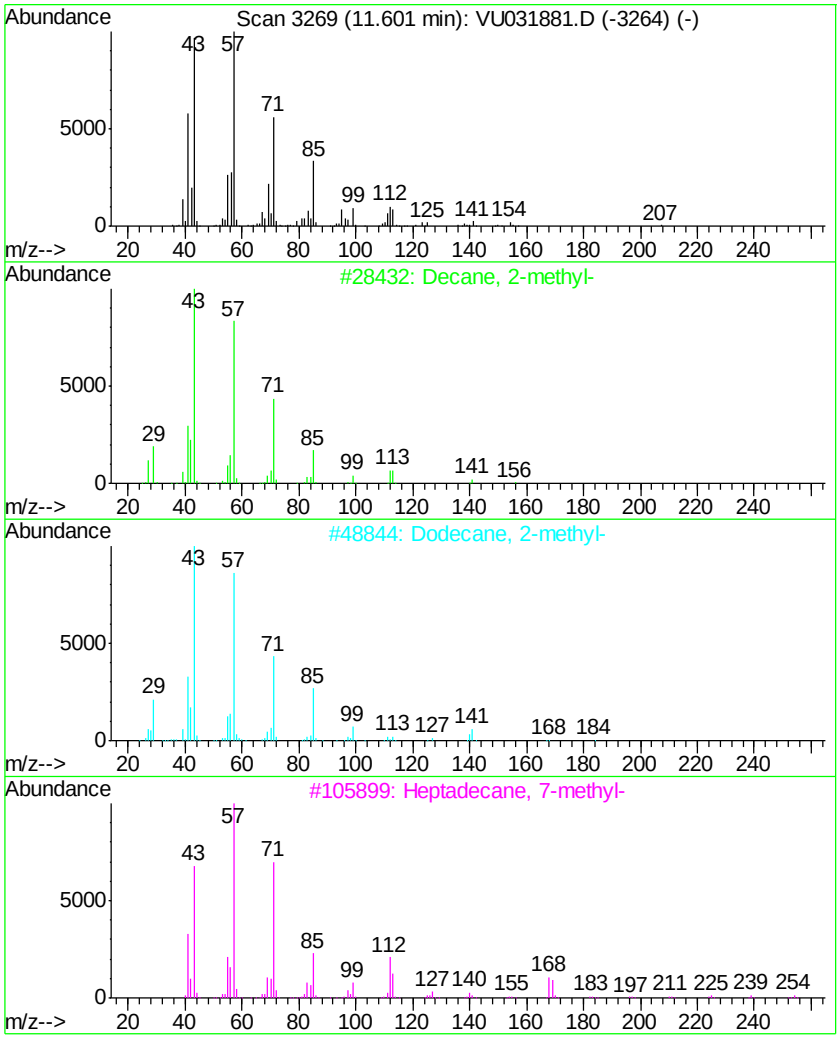
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

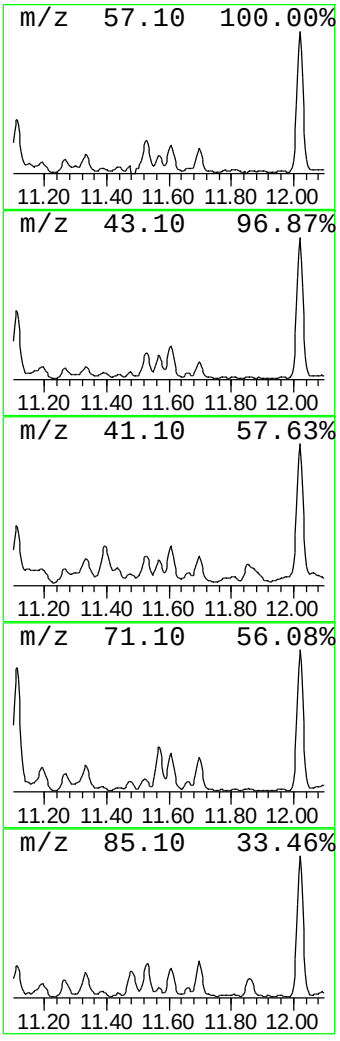
****

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	9.55 ug/L	625404	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	64
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
4	Eicosane	282	C20H42	000112-95-8	53
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

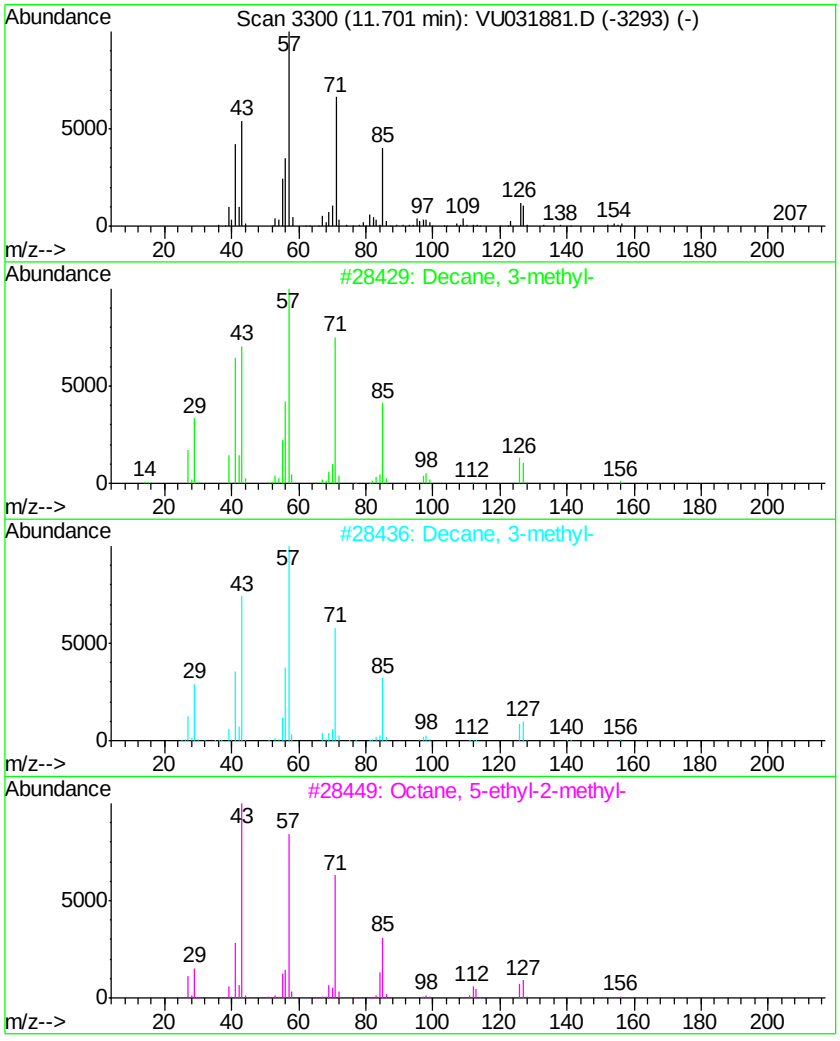
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

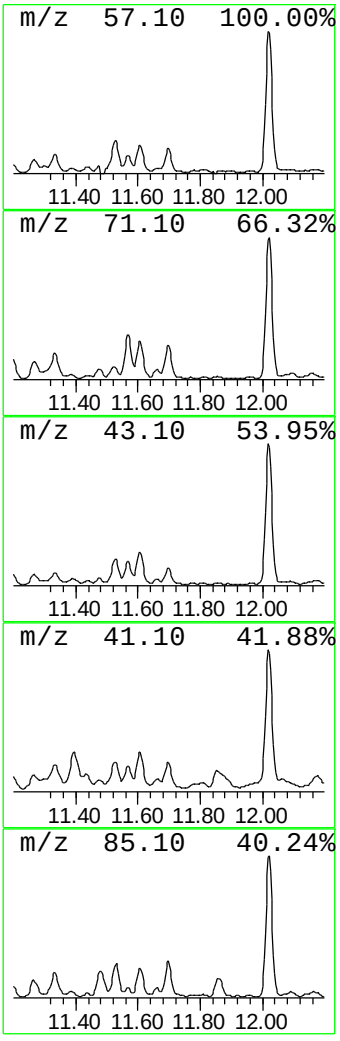
****

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	9.46 ug/L	619381	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	81
2	Decane, 3-methyl-	156	C11H24	013151-34-3	78
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
5	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

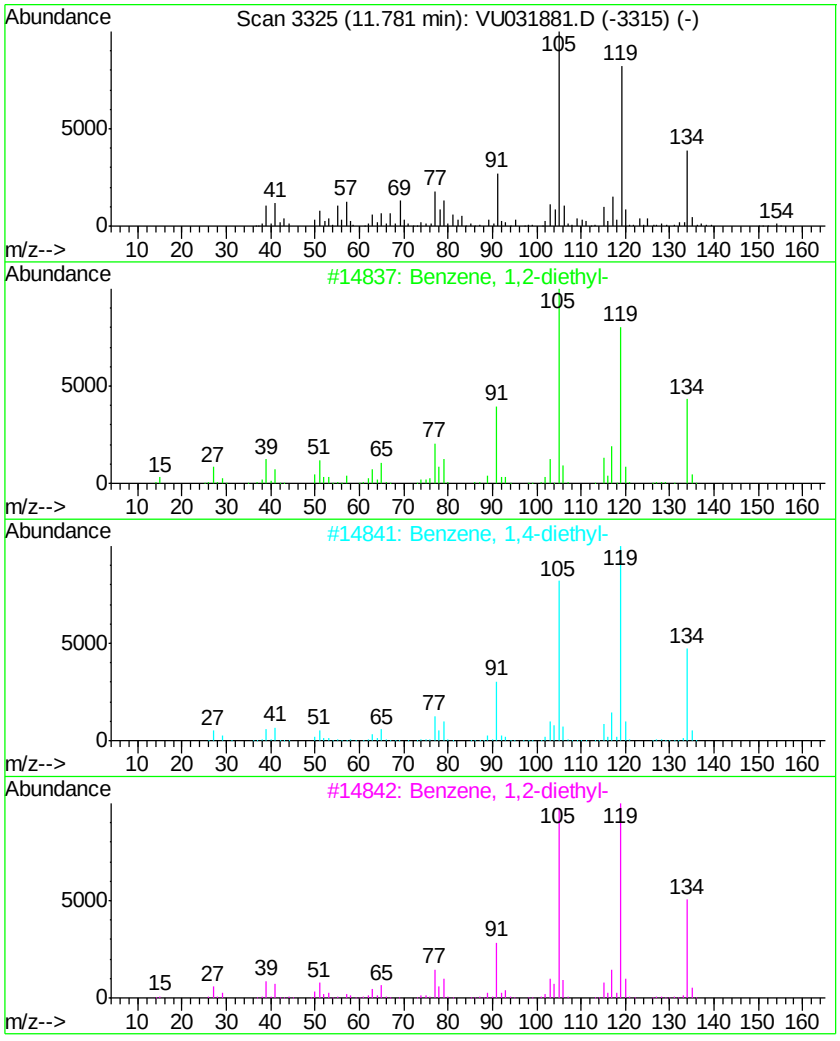
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

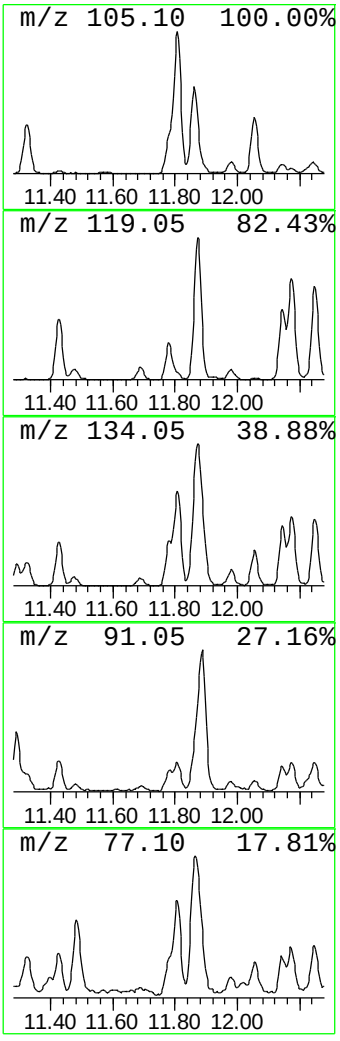
****

Peak Number 33 Benzene, 1,2-diethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	5.29 ug/L	346035	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

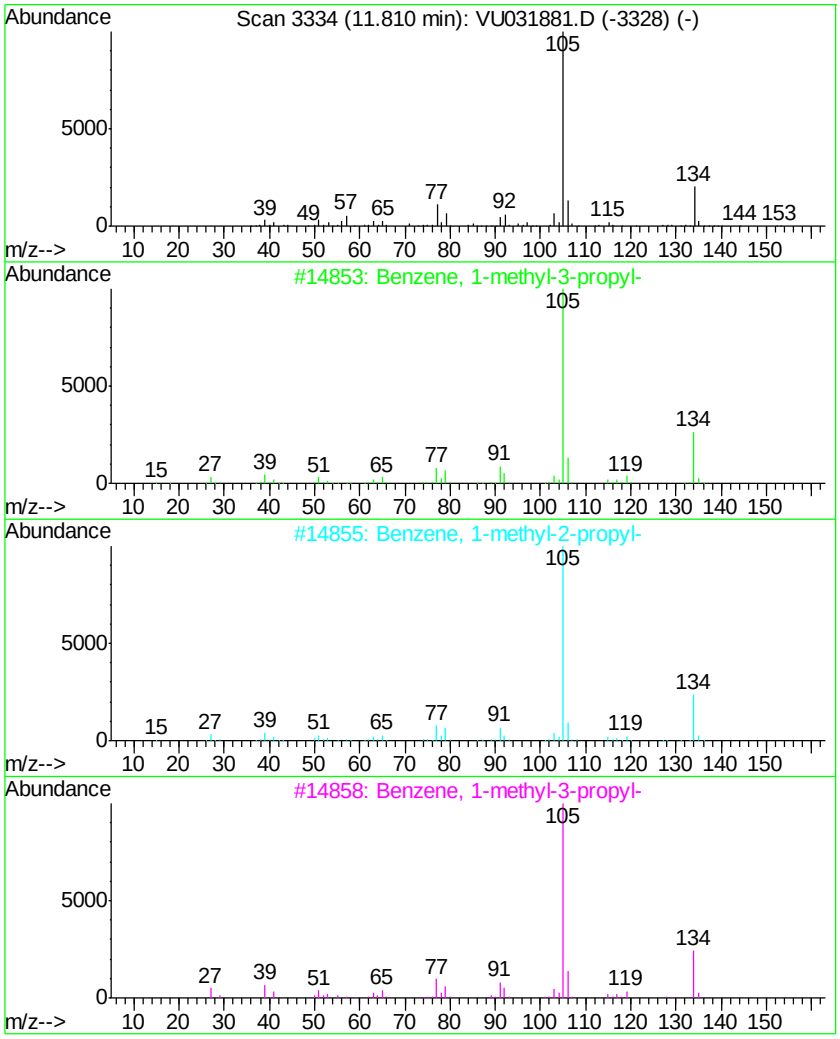
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

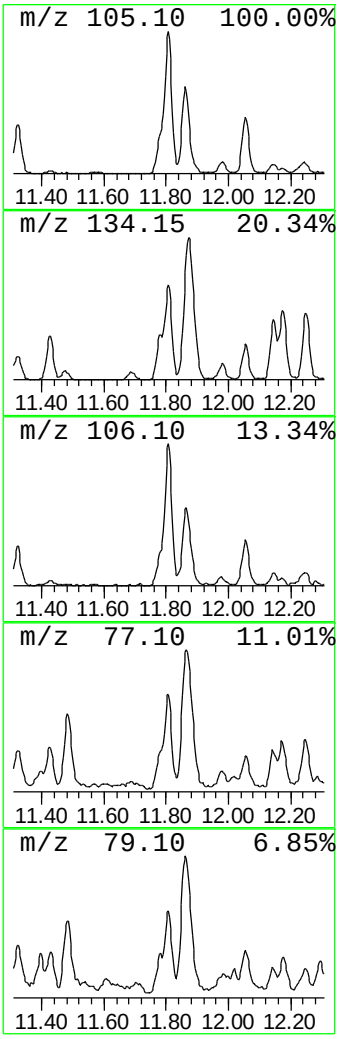
****

Peak Number 34 Benzene, 1-methyl-3-propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	7.58 ug/L	496440	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

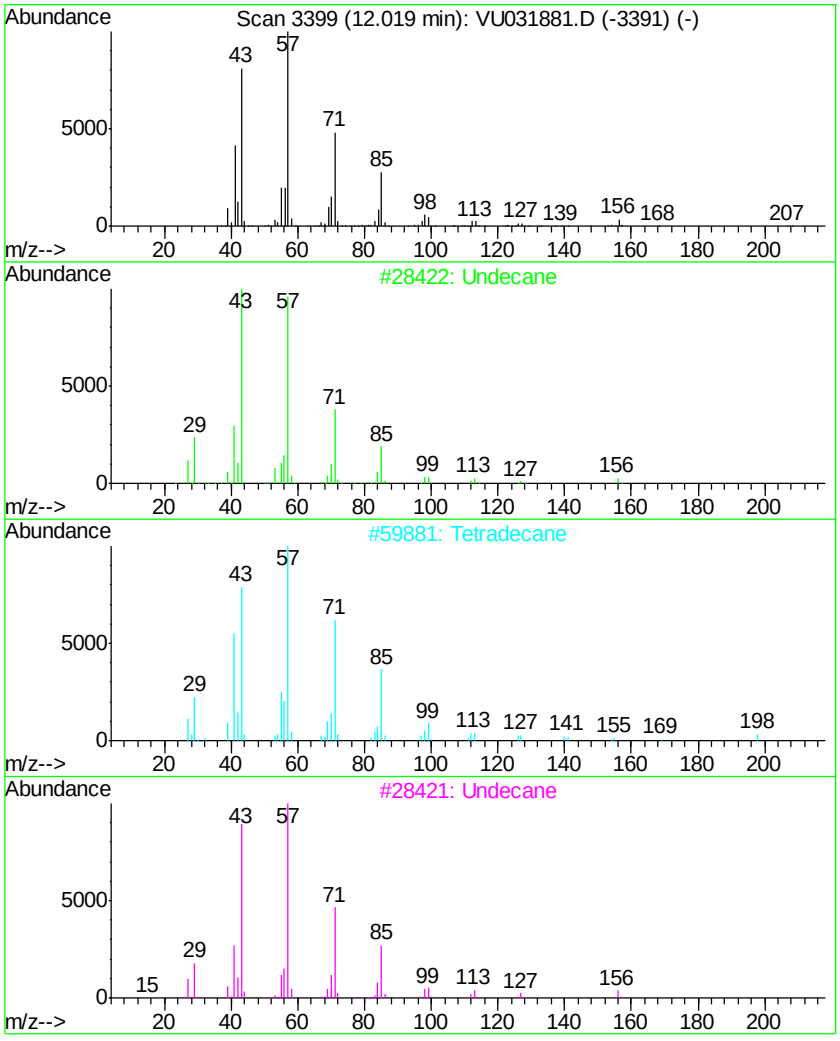
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

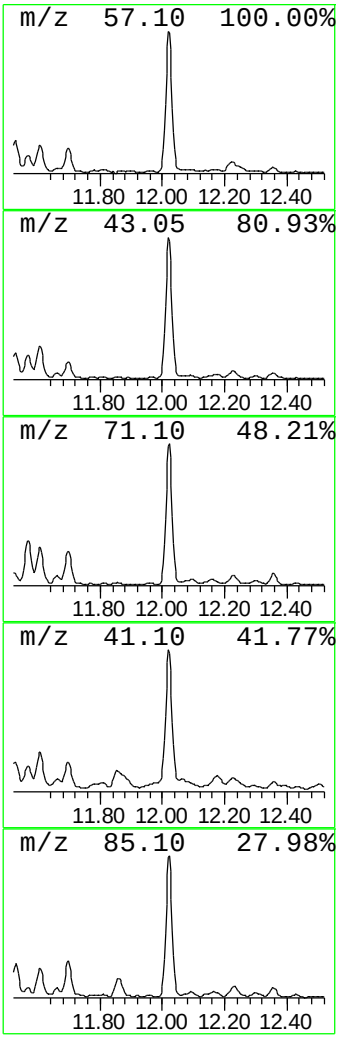
****

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	35.45 ug/L	2320300	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Undecane	156	C11H24	001120-21-4	87
4	Decane	142	C10H22	000124-18-5	86
5	Decane	142	C10H22	000124-18-5	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

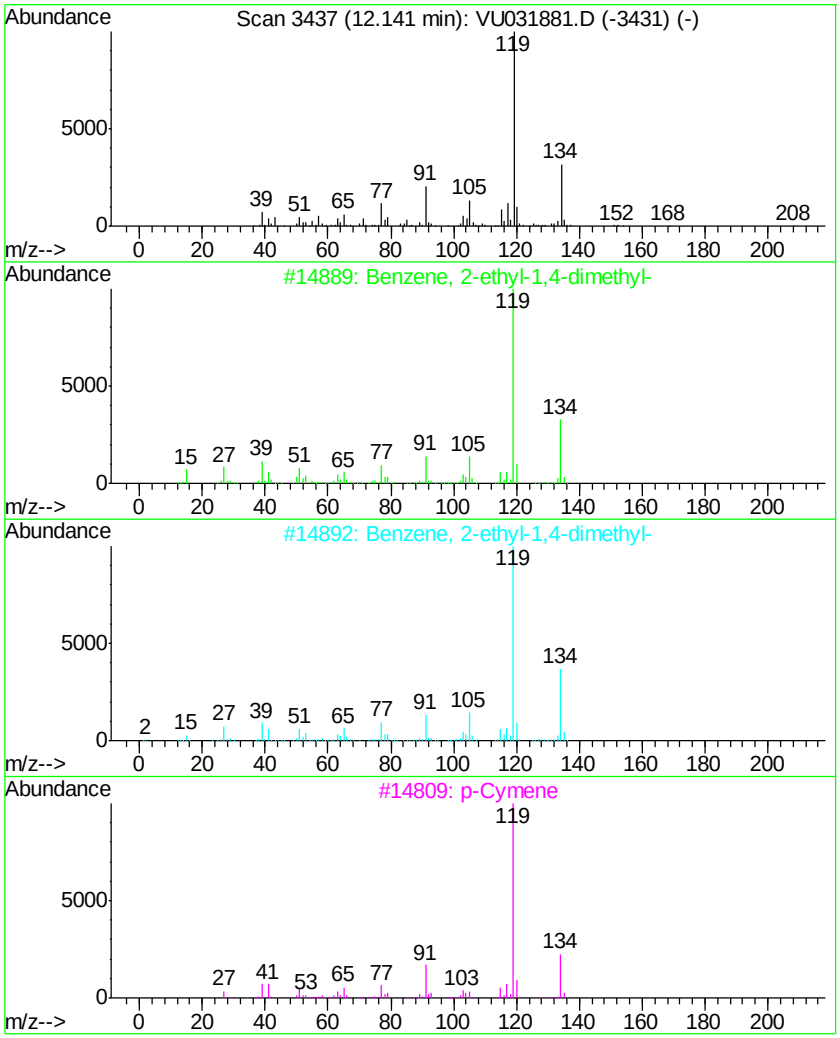
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

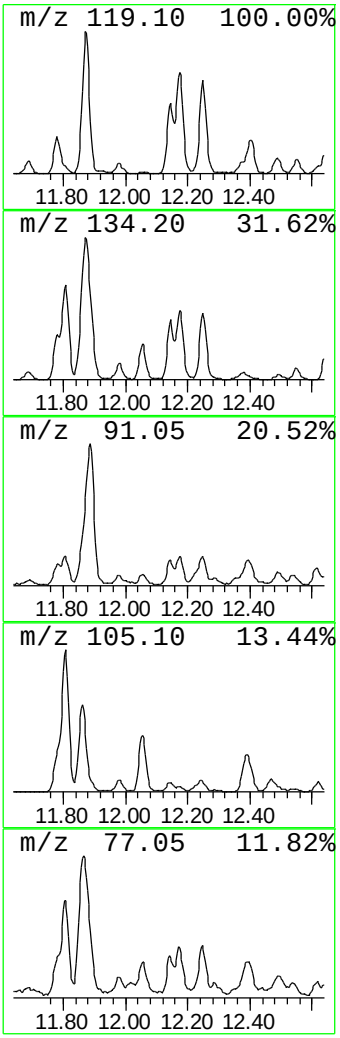
****

Peak Number 36 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	4.27 ug/L	279191	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

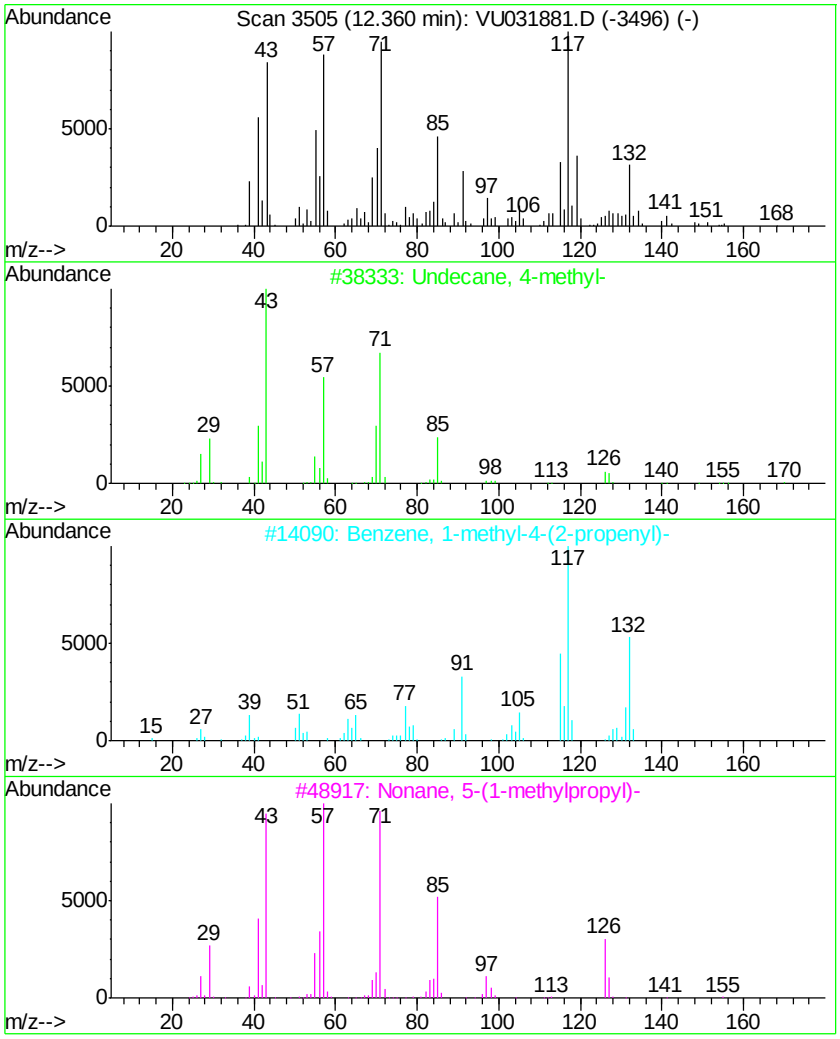
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

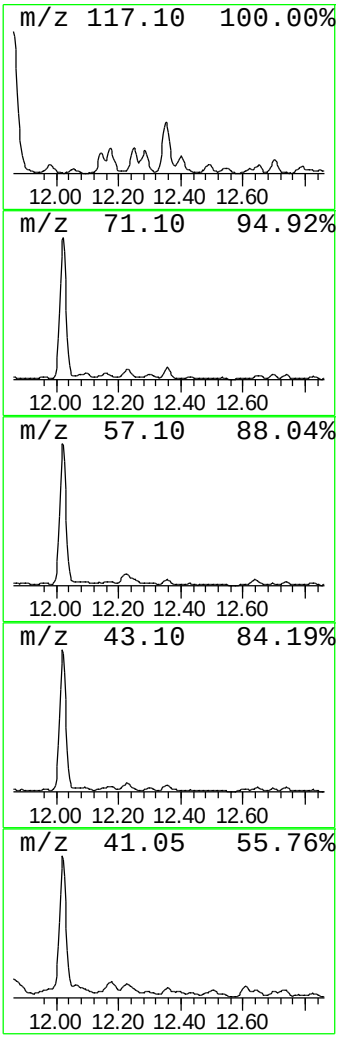
****

Peak Number 38 (DEL) Alkane: Cyclic12.36 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	3.42 ug/L	223533	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	41
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	38
3	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	38
4	Indan, 1-methyl-	132	C10H12	000767-58-8	38
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

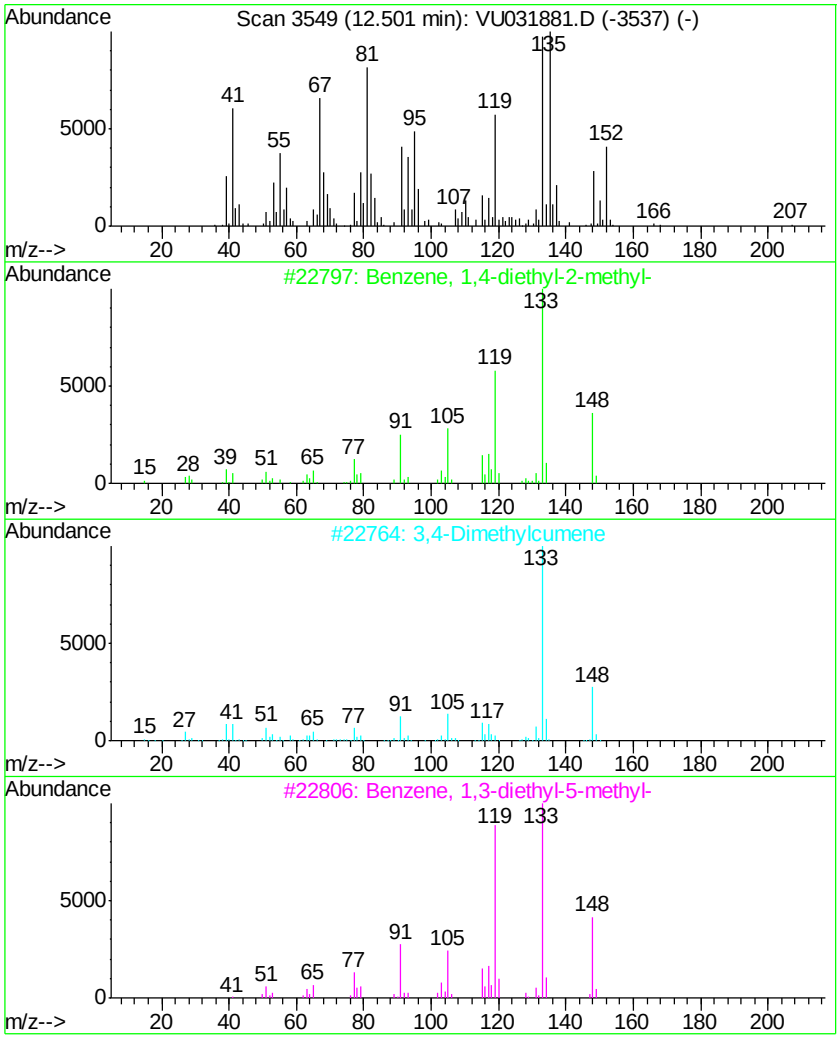
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

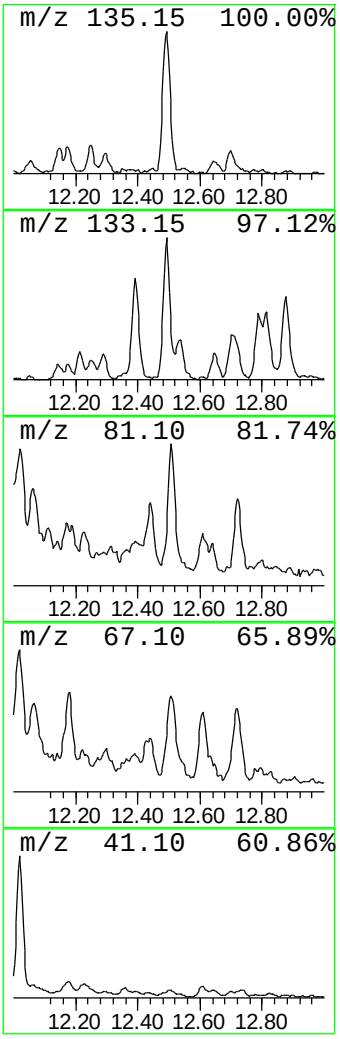
****

Peak Number 39 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.61 ug/L	302036	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	55
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	42
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
5	Thymol	150	C10H14O	000089-83-8	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

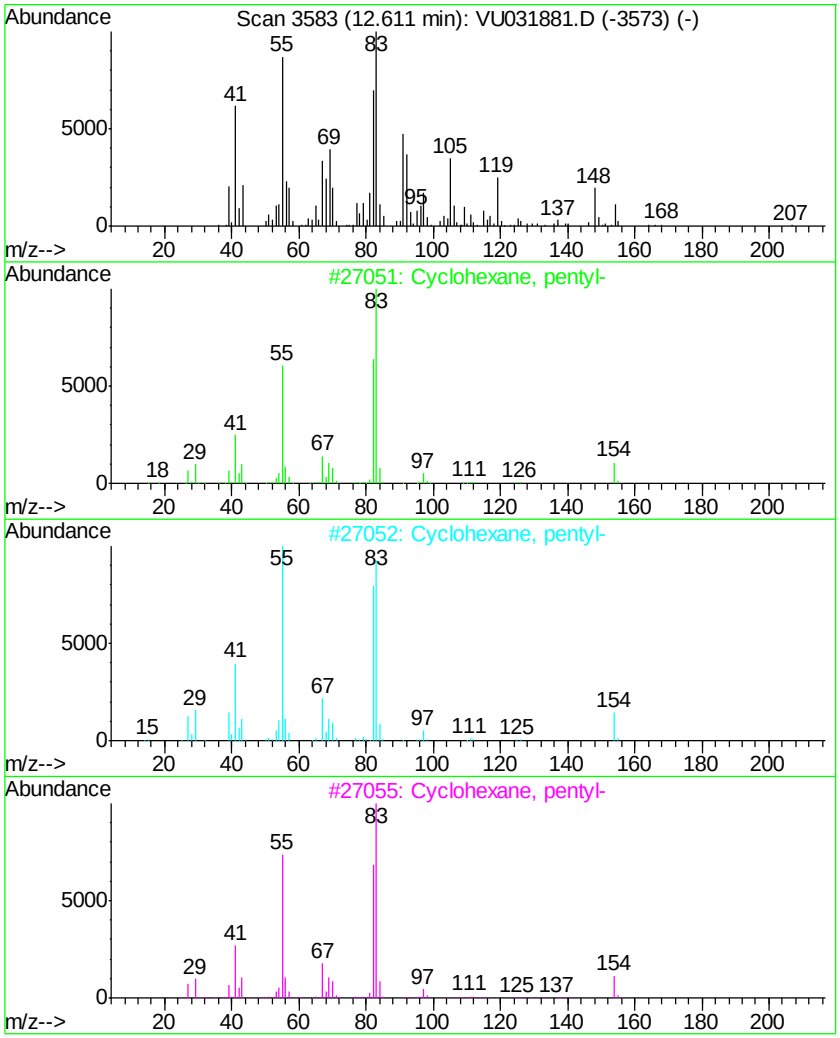
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

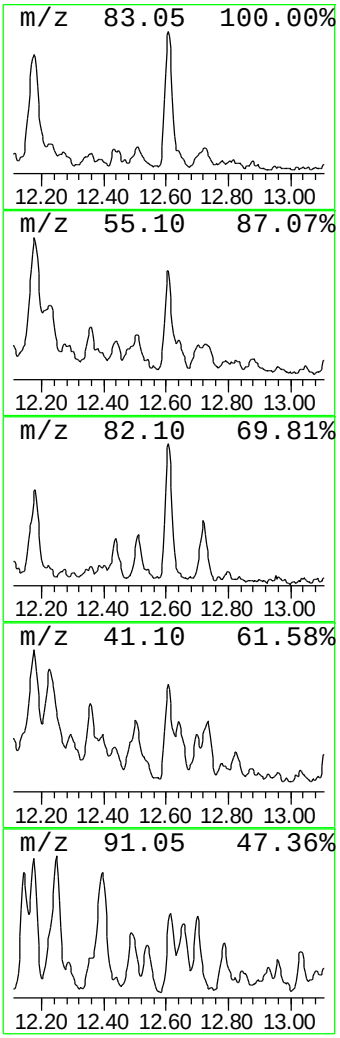
****

Peak Number 40 (DEL) Alkane: Cyclic12.61 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	5.03 ug/L	329083	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
4	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	43
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

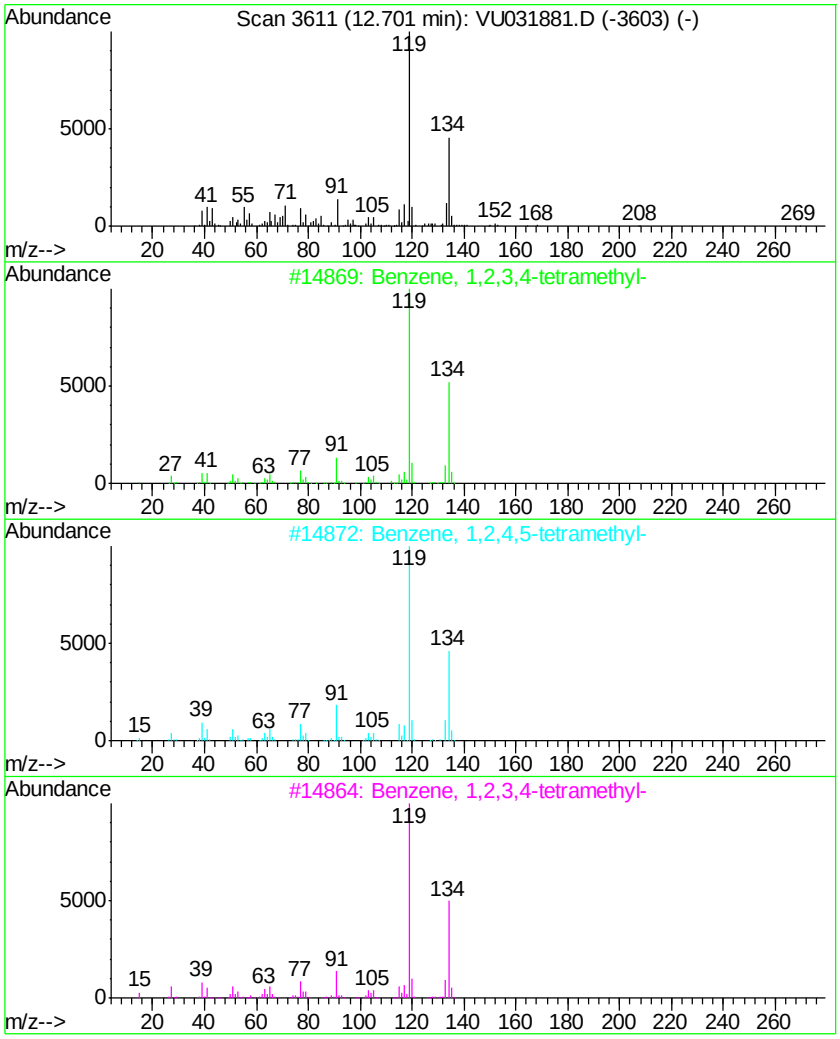
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

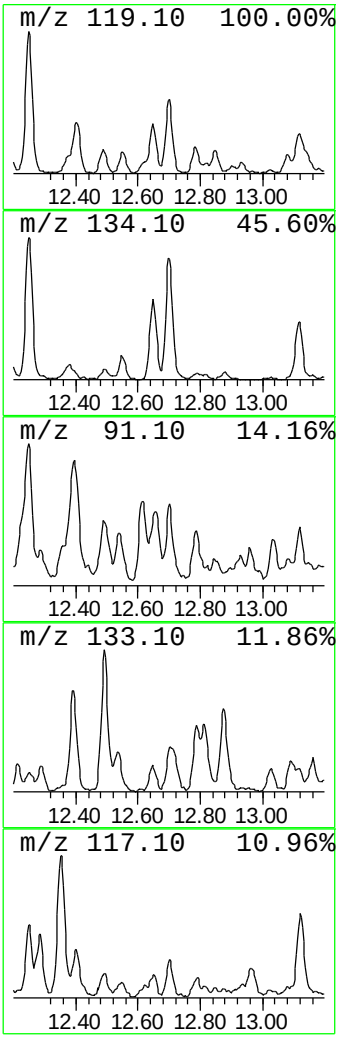
****

Peak Number 41 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	7.19 ug/L	470394	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	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	93
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

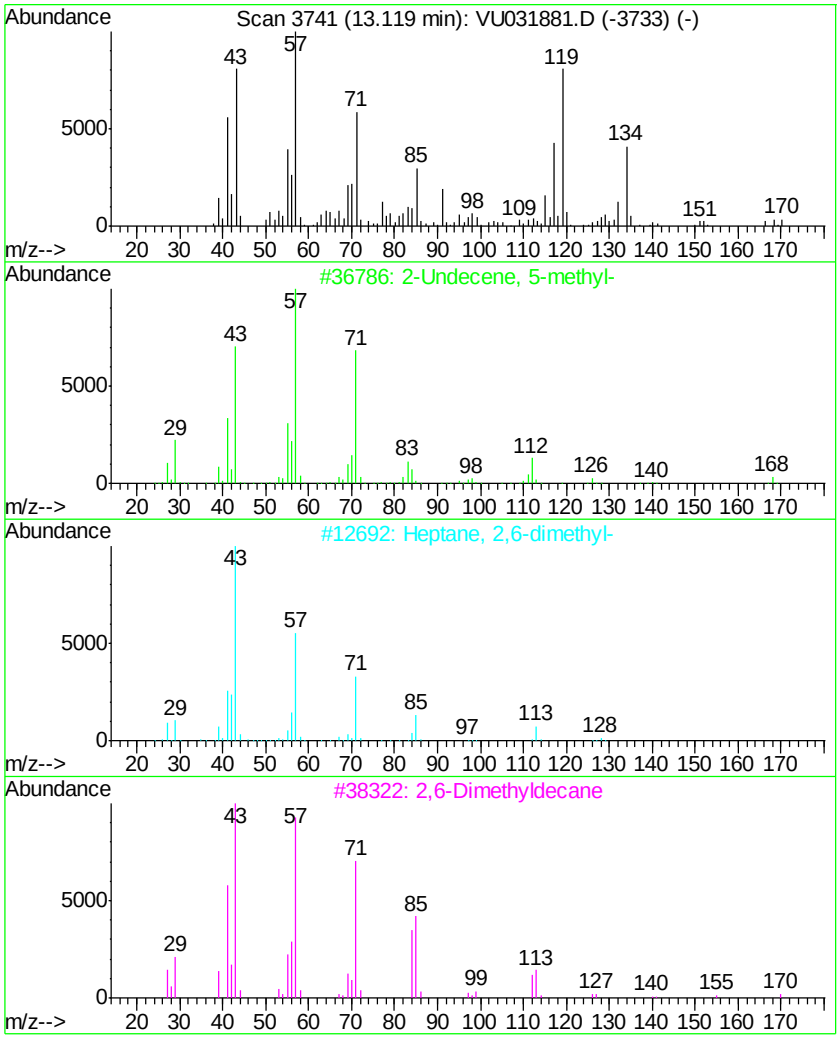
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

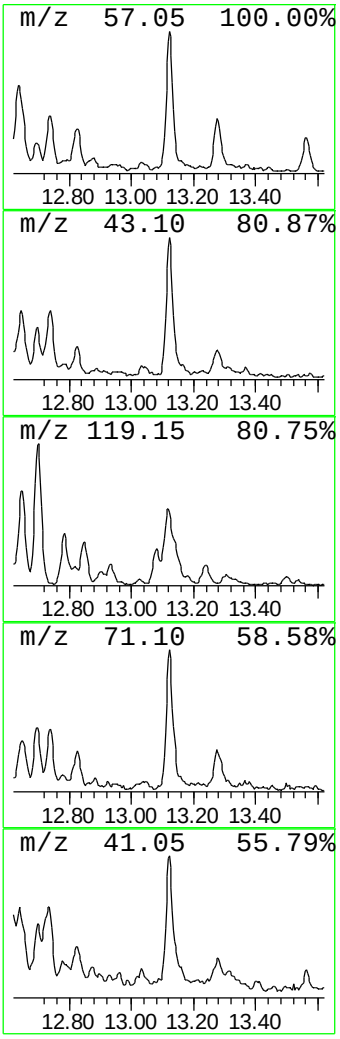
****

Peak Number 42 (DEL) Alkane: Cyclic13.12 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	5.57 ug/L	364874	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	38
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	30
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	30
4	Nonane	128	C9H20	000111-84-2	25
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

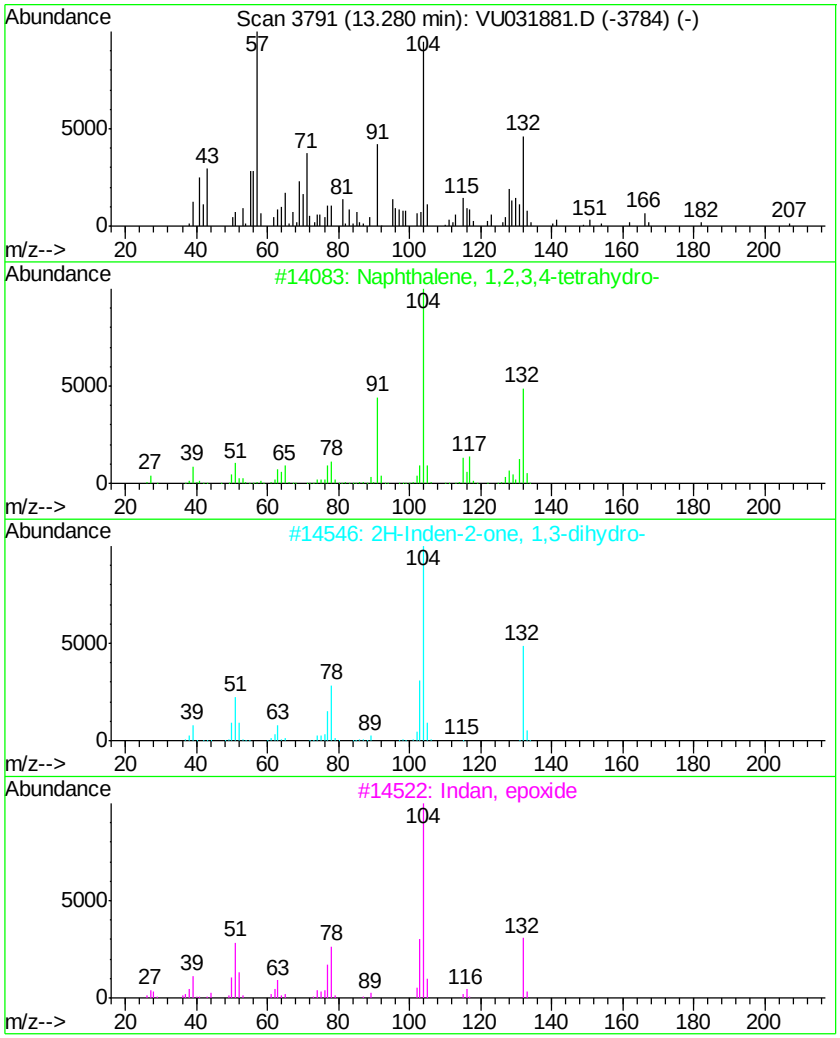
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

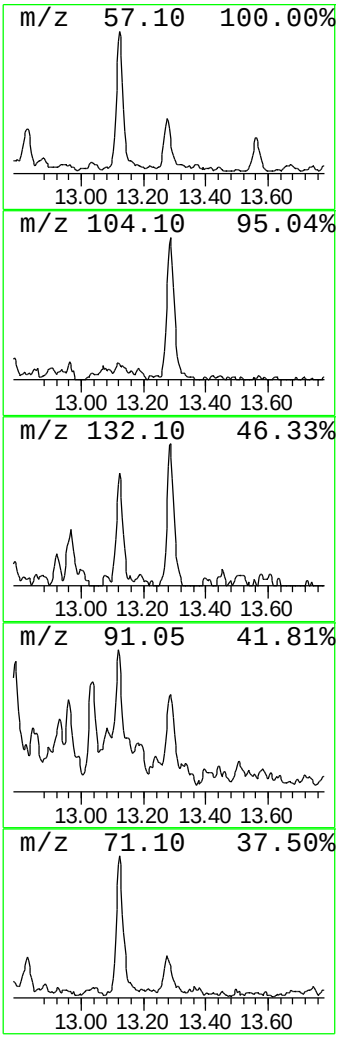
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	3.60 ug/L	235312	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47
3	Indan, epoxide	132	C9H8O	000768-22-9	43
4	Propanoic acid, 2,2-dimethyl-, 2...	206	C13H18O2	067662-96-8	38
5	Benzenebutanal	148	C10H12O	018328-11-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Data File : VU031881.D
Acq On : 10 May 2019 12:17
Operator : JC/SP
Sample : K2690-16ME
Misc : 6.90g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5162ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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: Cyc...	6.15	606.0	ug/L	32546700	1	5.88	2685160	50.0
(DEL) Alkane: Cyc...	6.24	7.7	ug/L	412725	1	5.88	2685160	50.0
(DEL) Alkane: Cyc...	6.46	199.1	ug/L	10690100	1	5.88	2685160	50.0
(DEL) Alkane: Str...	6.66	15.1	ug/L	812005	1	5.88	2685160	50.0
(DEL) Alkane: Cyc...	6.81	9.0	ug/L	483860	1	5.88	2685160	50.0
(DEL) Alkane: Cyc...	7.11	37.6	ug/L	2019750	1	5.88	2685160	50.0
(DEL) Alkane: Str...	8.91	2.9	ug/L	203628	2	9.09	3477850	50.0
(DEL) Alkane: Cyc...	9.40	2.8	ug/L	191339	2	9.09	3477850	50.0
(DEL) Alkane: Str...	9.44	14.6	ug/L	1018510	2	9.09	3477850	50.0
(DEL) Alkane: Cyc...	9.71	6.2	ug/L	430194	2	9.09	3477850	50.0
(DEL) Alkane: Str...	9.81	3.0	ug/L	208914	2	9.09	3477850	50.0
(DEL) Alkane: Str...	9.95	11.1	ug/L	771886	2	9.09	3477850	50.0
(DEL) Alkane: Cyc...	10.04	9.9	ug/L	686546	2	9.09	3477850	50.0
(DEL) Alkane: Str...	10.09	4.8	ug/L	333878	2	9.09	3477850	50.0
(DEL) Alkane: Str...	10.25	4.0	ug/L	277181	2	9.09	3477850	50.0
(DEL) Alkane: Str...	10.32	9.7	ug/L	634338	3	11.48	3272680	50.0
(DEL) Alkane: Str...	10.35	10.3	ug/L	673748	3	11.48	3272680	50.0
(DEL) Alkane: Cyc...	10.49	5.0	ug/L	324386	3	11.48	3272680	50.0
Benzene, 1-ethyl-...	10.69	5.8	ug/L	381158	3	11.48	3272680	50.0
(DEL) Alkane: Cyc...	10.75	12.6	ug/L	827413	3	11.48	3272680	50.0
(DEL) Alkane: Str...	10.81	62.0	ug/L	4054550	3	11.48	3272680	50.0
(DEL) Alkane: Str...	11.01	4.0	ug/L	260479	3	11.48	3272680	50.0
(DEL) Alkane: Str...	11.07	3.9	ug/L	256312	3	11.48	3272680	50.0
(DEL) Alkane: Str...	11.11	16.8	ug/L	1100280	3	11.48	3272680	50.0
(DEL) Alkane: Str...	11.27	5.3	ug/L	350099	3	11.48	3272680	50.0
(DEL) Alkane: Str...	11.33	9.0	ug/L	590797	3	11.48	3272680	50.0
(DEL) Alkane: Cyc...	11.40	12.2	ug/L	798317	3	11.48	3272680	50.0
Oxalic acid, bis(...	11.57	5.0	ug/L	325271	3	11.48	3272680	50.0
(DEL) Alkane: Str...	11.60	9.6	ug/L	625404	3	11.48	3272680	50.0
(DEL) Alkane: Str...	11.70	9.5	ug/L	619381	3	11.48	3272680	50.0
Benzene, 1,2-diet...	11.78	5.3	ug/L	346035	3	11.48	3272680	50.0
Benzene, 1-methyl...	11.81	7.6	ug/L	496440	3	11.48	3272680	50.0
(DEL) Alkane: Str...	12.02	35.5	ug/L	2320300	3	11.48	3272680	50.0
Benzene, 2-ethyl-...	12.14	4.3	ug/L	279191	3	11.48	3272680	50.0
(DEL) Alkane: Cyc...	12.36	3.4	ug/L	223533	3	11.48	3272680	50.0
Benzene, 1,4-diet...	12.50	4.6	ug/L	302036	3	11.48	3272680	50.0
(DEL) Alkane: Cyc...	12.61	5.0	ug/L	329083	3	11.48	3272680	50.0
Benzene, 1,2,3,4-...	12.70	7.2	ug/L	470394	3	11.48	3272680	50.0
(DEL) Alkane: Cyc...	13.12	5.6	ug/L	364874	3	11.48	3272680	50.0
Naphthalene, 1,2,...	13.28	3.6	ug/L	235312	3	11.48	3272680	50.0