LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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	1.396	87	95	107	rBV	408329	489246	0.56%	0.107%
2	1.679	175	183	194	rBV	314513	435167	0.50%	0.095%
3	2.261	353	364	377	rVV	750042	1164027	1.34%	0.255%
4	4.196	949	966	1032	rBV	207945	1069536	1.23%	0.235%
5	4.643	1088	1105	1131	rBV2	526278	1291843	1.49%	0.283%
6	5.331	1296	1319	1328	rBV2	1178198	3371573	3.88%	0.739%
7	5.383	1329	1335	1356	rVB	857081	1772486	2.04%	0.389%
8	5.881	1476	1490	1527	rBV	1135377	2433668	2.80%	0.534%
9	6.325	1612	1628	1644	rBV2	720288	1572722	1.81%	0.345%
10	7.225	1899	1908	1934	rVB2	372853	776349	0.89%	0.170%
11	7.563	2003	2013	2024	rVV	1408301	2593975	2.98%	0.569%
12	7.633	2024	2035	2072	rVB	4432152	8248098	9.49%	1.809%
13	7.817	2083	2092	2097	rBV	275139	426351	0.49%	0.093%
14	7.849	2097	2102	2113	rVV2	237675	446684	0.51%	0.098%
15	7.910	2114	2121	2141	rVB2	157297	315702	0.36%	0.069%
16	8.325	2234	2250	2277	rBV	1187522	2563554	2.95%	0.562%
17	8.540	2307	2317	2326	rVB	281509	447908	0.52%	0.098%
18	8.601	2326	2336	2346	rBV	237762	413619	0.48%	0.091%
19	8.810	2392	2401	2405	rVV2	147713	231080	0.27%	0.051%
20	8.842	2406	2411	2422	rVV3	223473	413610	0.48%	0.091%
21	8.907	2422	2431	2443	rVB2	342278	571657	0.66%	0.125%
22	9.029	2458	2469	2477	rBV	323258	518556	0.60%	0.114%
23	9.087	2477	2487	2505	rVV	1633065	2859139	3.29%	0.627%
24	9.247	2524	2537	2558	rBV	6092884	10291298	11.84%	2.257%
25	9.370	2562	2575	2589	rVV	3549659	6976621	8.02%	1.530%
26	9.440	2589	2597	2622	rVB	1703867	2855775	3.28%	0.626%
27	9.562	2623	2635	2652	rVB4	153475	287903	0.33%	0.063%
28	9.714	2668	2682	2691	rBV4	473691	987031	1.14%	0.216%
29	9.778	2692	2702	2722	rVB	1648143	2976919	3.42%	0.653%
30	9.948	2736	2755	2765	rBV3	1134252	2133995	2.45%	0.468%
31	10.038	2766	2783	2793	rBV3	1053036	2098620	2.41%	0.460%
32	10.161	2810	2821	2831	rBV3	456938	832898	0.96%	0.183%
33	10.218	2832	2839	2843	rVV5	171021	257357	0.30%	0.056%
34	10.251	2844	2849	2857	rVV2	284734	460063	0.53%	0.101%

LSC Area Percent Report

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Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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	10.318	2857	2870	2875	rVV3	714252	1343173	1.54%	0.295%
36	10.347	2876	2879	2895	rVB3	638671	1060273	1.22%	0.233%
37	10.437	2895	2907	2917	rBV2	1222092	2937816	3.38%	0.644%
38	10.485	2918	2922	2934	rVB4	688377	1014380	1.17%	0.222%
39	10.585	2945	2953	2959	rBV	286778	422939	0.49%	0.093%
40	10.636	2960	2969	2973	rBV5	255342	432638	0.50%	0.095%
41	10.681	2974	2983	2984	rBV	1451946	1615963	1.86%	0.354%
42	10.765	2997	3009	3015	rBV2	1190537	2851176	3.28%	0.625%
43	10.810	3015	3023	3034	rVB	5362074	7877808	9.06%	1.728%
44	10.968	3064	3072	3079	rBV3	770945	1307376	1.50%	0.287%
45	11.067	3095	3103	3109	rBV3	341036	535499	0.62%	0.117%
46	11.112	3109	3117	3120	rVV	1673871	2261290	2.60%	0.496%
47	11.144	3121	3127	3138	rVV	4416248	6860334	7.89%	1.504%
48	11.212	3140	3148	3158	rVB	2238391	3469990	3.99%	0.761%
49	11.267	3159	3165	3171	rBV2	292918	485656	0.56%	0.107%
50	11.331	3178	3185	3195	rVB5	737910	1301965	1.50%	0.286%
51	11.395	3195	3205	3212	rBV3	2110716	3534505	4.07%	0.775%
52	11.479	3224	3231	3240	rBV2	1852591	2745110	3.16%	0.602%
53	11.527	3240	3246	3251	rVV2	810995	1059951	1.22%	0.232%
54	11.566	3251	3258	3265	rVV	2518953	3567956	4.10%	0.782%
55	11.607	3266	3271	3282	rVB3	1139529	1801033	2.07%	0.395%
56	11.697	3293	3299	3310	rVB3	1045265	1535681	1.77%	0.337%
57	11.765	3311	3320	3327	rVV	1536815	2688508	3.09%	0.590%
58	11.804	3327	3332	3339	rVV	1155567	1711519	1.97%	0.375%
59	11.858	3339	3349	3367	rVB8	3512953	8091330	9.31%	1.774%
60	11.977	3375	3386	3393	rBV	11249196	18029748	20.74%	3.954%
61	12.019	3393	3399	3408	rVB2	7565027	10987511	12.64%	2.409%
62	12.177	3431	3448	3456	rBV5	2122457	4760791	5.48%	1.044%
63	12.353	3495	3503	3510	rBV3	1654692	2764667	3.18%	0.606%
64	12.508	3537	3551	3559	rBV5	2190683	4398196	5.06%	0.964%
65	12.607	3572	3582	3588	rBV	3885291	6215161	7.15%	1.363%
66	12.704	3602	3612	3614	rBV2	2911235	4280416	4.92%	0.939%
67	12.784	3631	3637	3642	rBV3	673322	958100	1.10%	0.210%
68	12.823	3643	3649	3660	rVV4	1210176	2182353	2.51%	0.479%
69	12.874	3661	3665	3674	rVB3	596847	774270	0.89%	0.170%
70	12.958	3685	3691	3705	rVB4	1712412	2688245	3.09%	0.590%
71	13.029	3707	3713	3722	rBV7	771584	1364390	1.57%	0.299%

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ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

72	13.119	3732	3741	3754	rBV3	9567869	16201684	18.63%	3.553%
73	13.180	3755	3760	3772	rVB2	2328783	3438500	3.95%	0.754%
74	13.283	3782	3792	3814	rBV7	5710292	14050510	16.16%	3.081%
75	13.402	3824	3829	3837	rVB6	1263042	1822805	2.10%	0.400%
76	13.453	3838	3845	3852	rVB	1093953	1513117	1.74%	0.332%
77	13.508	3853	3862	3868	rBV2	1757030	3005738	3.46%	0.659%
78	13.611	3889	3894	3899	rBV	773160	910274	1.05%	0.200%
79	13.742	3921	3935	3945	rBV2	49398168	86943613	100.00%	19.066%
80	13.877	3965	3977	3985	rBV2	2182355	4300518	4.95%	0.943%
81	14.138	4050	4058	4064	rBV2	2522317	3749281	4.31%	0.822%
82	14.334	4109	4119	4130	rBV7	2782371	5556971	6.39%	1.219%
83	14.874	4276	4287	4299	rBV	26473315	42498442	48.88%	9.320%
84	15.057	4334	4344	4360	rBV	15033356	24275889	27.92%	5.324%
85	15.601	4506	4513	4523	rVB	2533506	4264129	4.90%	0.935%
86	15.659	4524	4531	4541	rVB2	1715629	2612600	3.00%	0.573%
87	15.794	4564	4573	4583	rBV	4326640	6816826	7.84%	1.495%
88	15.909	4597	4609	4622	rBV	5483965	9808025	11.28%	2.151%
89	16.054	4645	4654	4660	rBV	6023137	9080832	10.44%	1.991%
90	16.093	4660	4666	4684	rVB	4008418	6582888	7.57%	1.444%
91	16.186	4690	4695	4705	rVB3	718955	1167112	1.34%	0.256%
92	16.279	4708	4724	4734	rBV2	1612273	4019361	4.62%	0.881%
93	16.427	4763	4770	4781	rVB	742155	1160510	1.33%	0.254%
94	16.524	4790	4800	4816	rVB3	1418461	2572387	2.96%	0.564%
95	16.733	4854	4865	4886	rVB2	4875008	8668711	9.97%	1.901%
96	16.967	4932	4938	4945	rVB2	521499	698226	0.80%	0.153%
97	17.012	4945	4952	4976	rVB2	791680	1739011	2.00%	0.381%
98	17.163	4991	4999	5008	rVB	608944	957765	1.10%	0.210%
99	17.221	5009	5017	5028	rBV3	442671	721321	0.83%	0.158%
100	17.527	5103	5112	5125	rBV2	191086	369912	0.43%	0.081%

Sum of corrected areas: 456009705

LSC Report - Integrated Chromatogram

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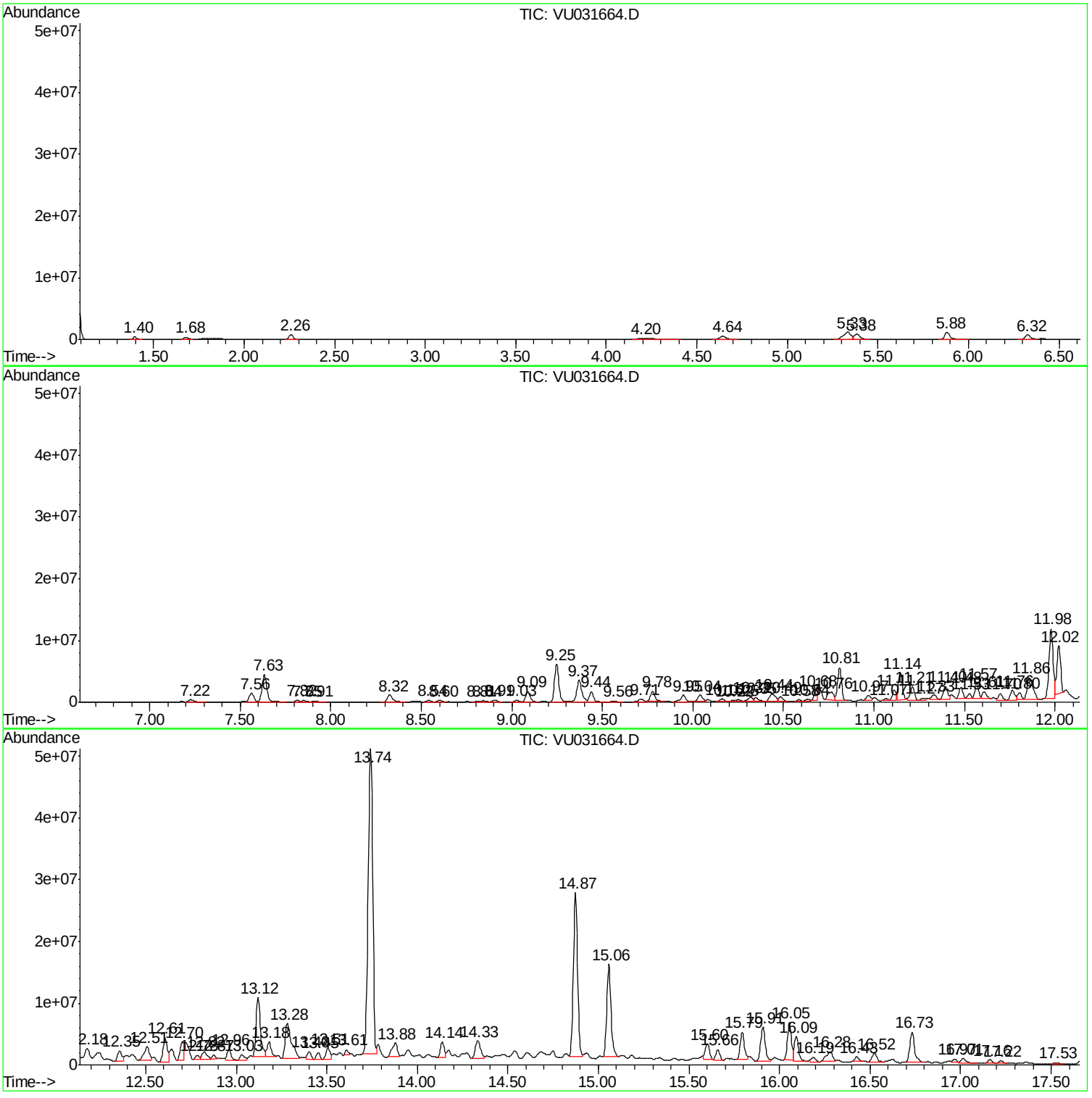
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
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Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

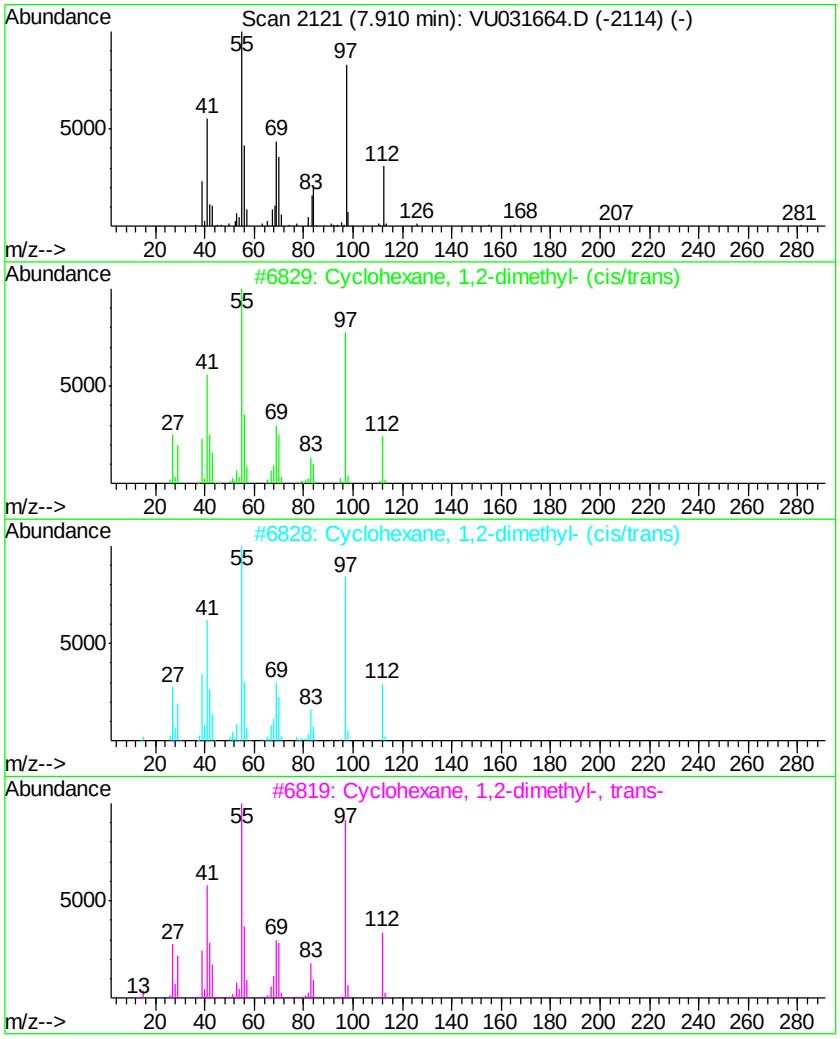
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

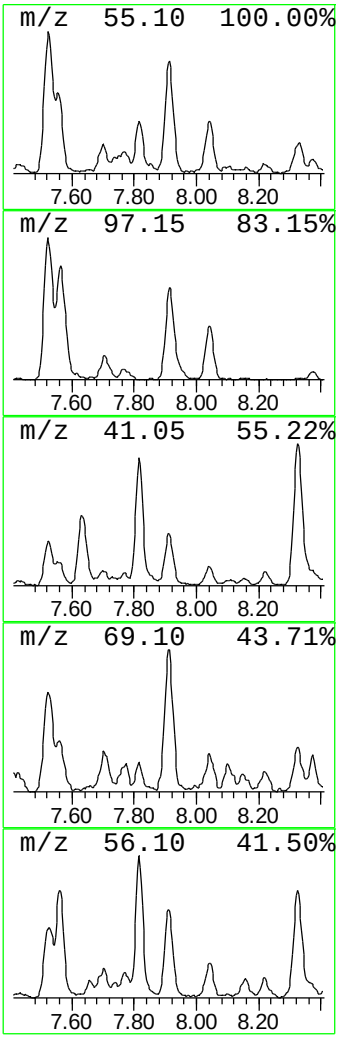
****

Peak Number 2 (DEL) Alkane: Cyclic7.91 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	5.52 ug/L	315702	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

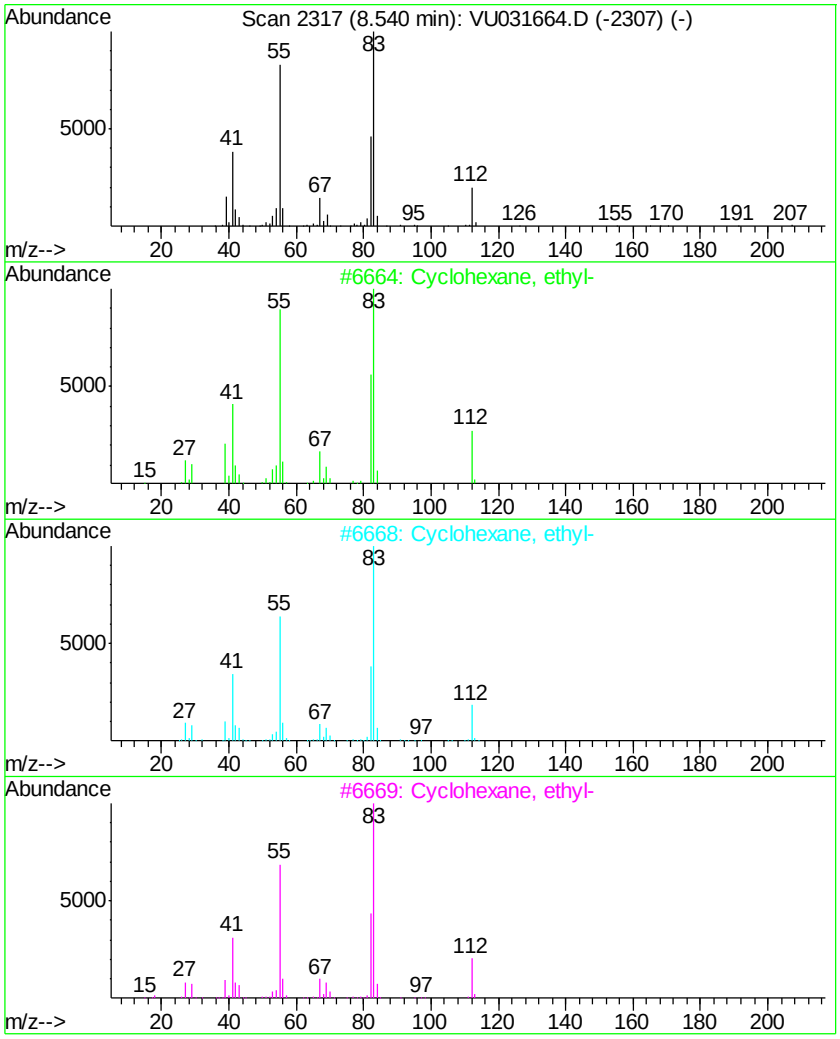
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

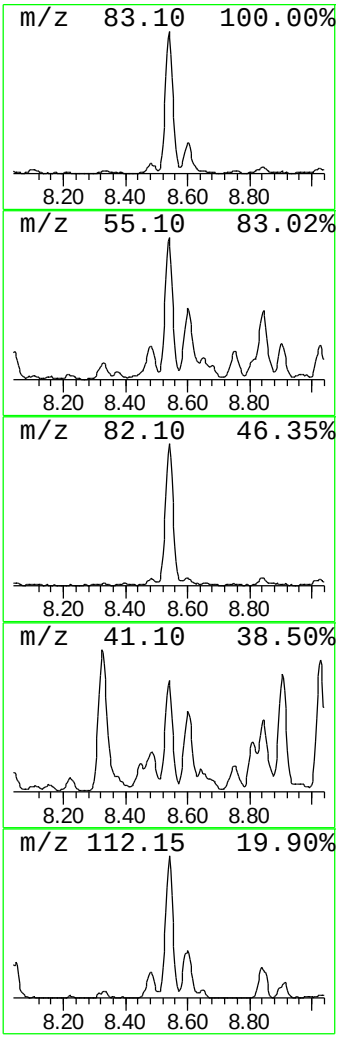
****

Peak Number 3 (DEL) Alkane: Cyclic8.54 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	7.83 ug/L	447908	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	93
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
4	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	72
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72





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Operator : JC/SP
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ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

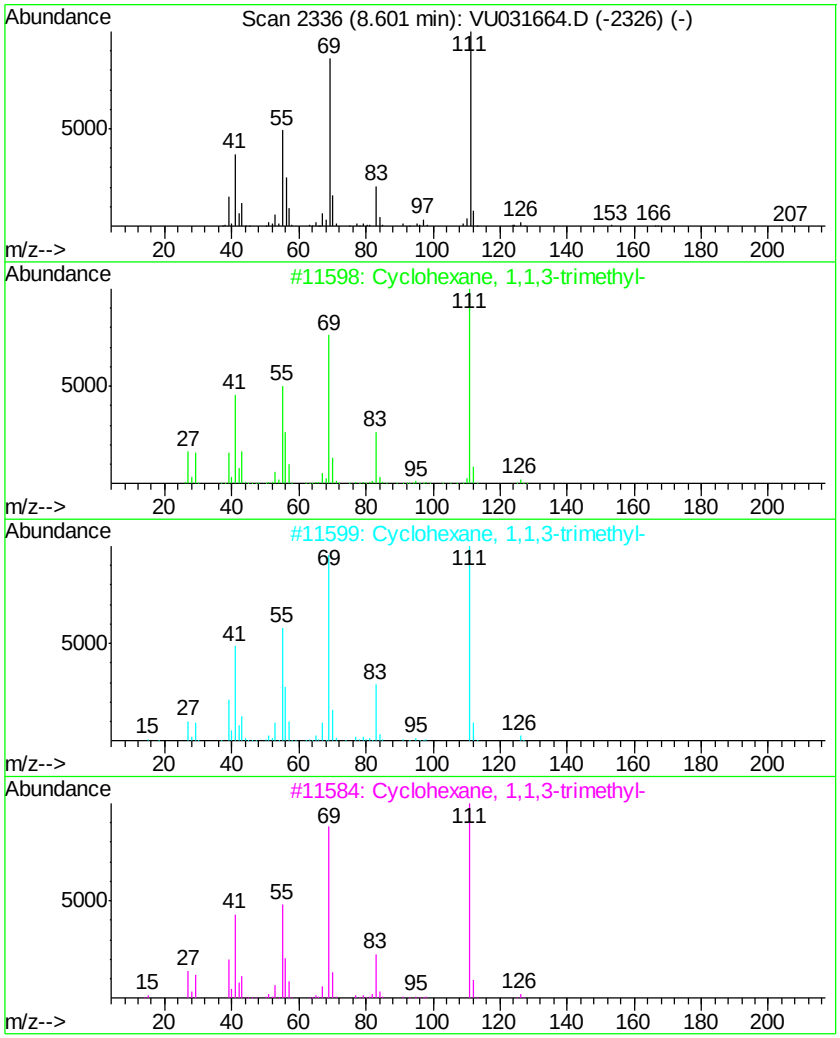
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

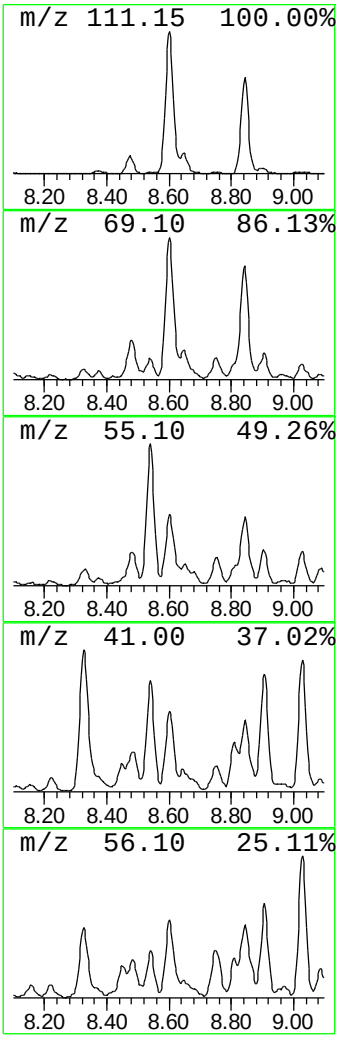
****

Peak Number 4 (DEL) Alkane: Cyclic8.60 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	7.23 ug/L	413619	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
5	6-Methyl-hept-2-yn-4-ol	126	C8H14O	060018-69-1	64





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Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

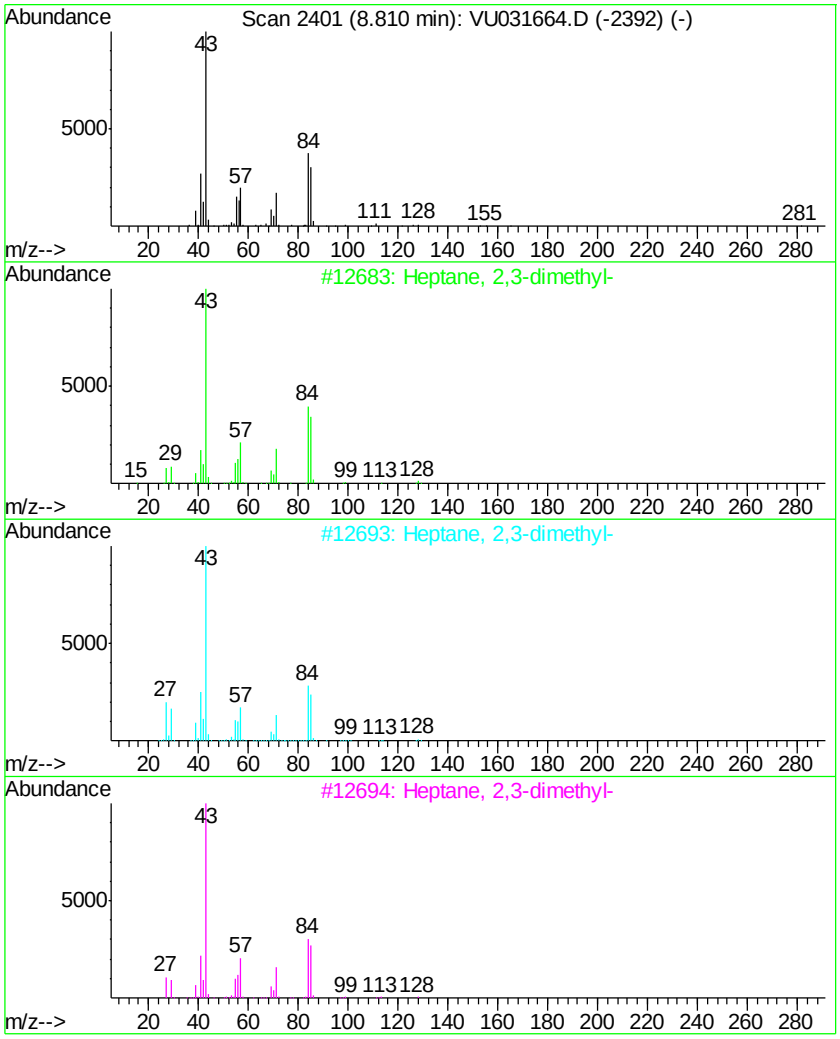
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

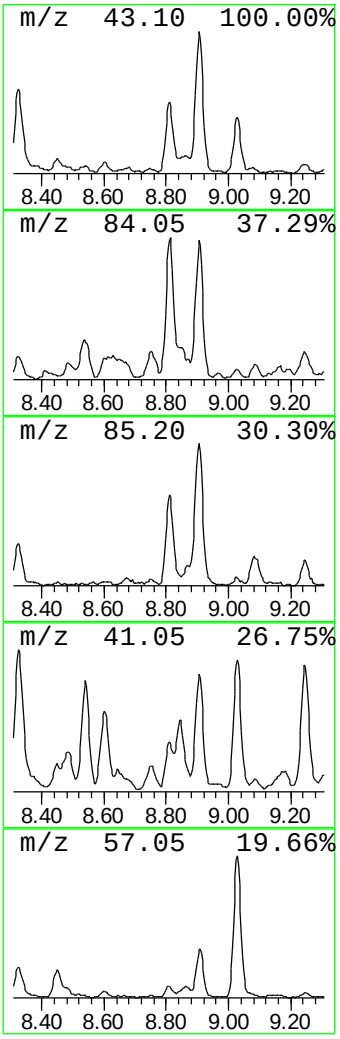
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	4.04 ug/L	231080	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	94
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	94
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
4	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	80
5	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
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Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

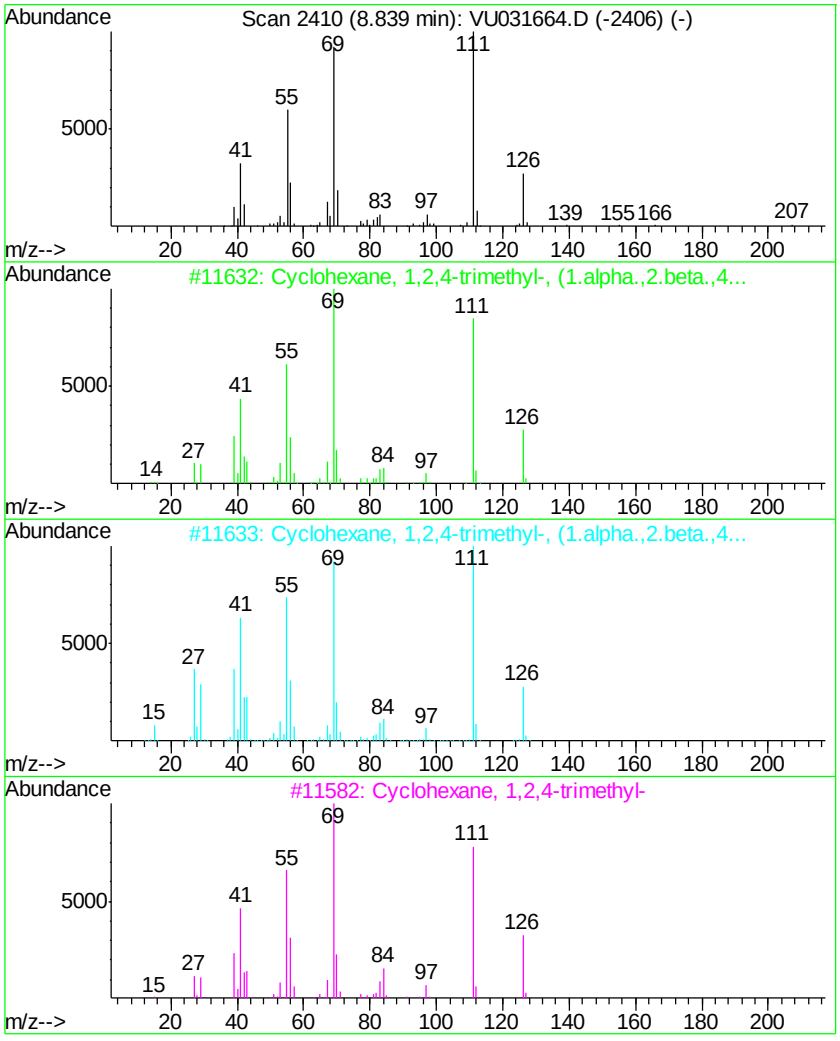
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

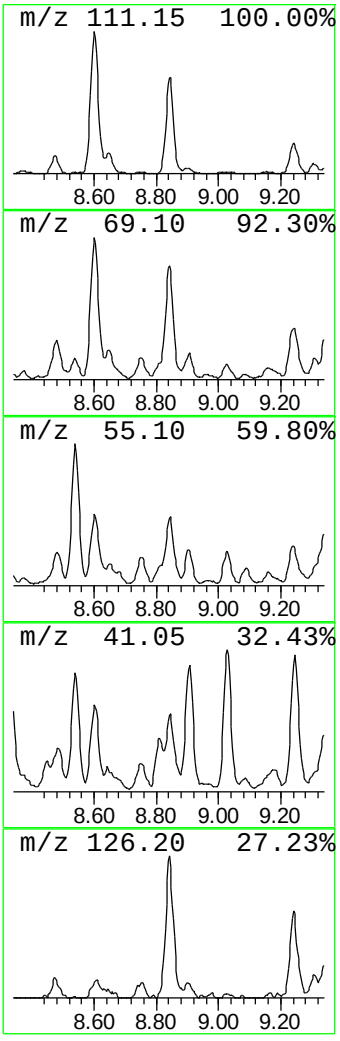
****

Peak Number 6 (DEL) Alkane: Cyclic8.84 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	7.23 ug/L	413610	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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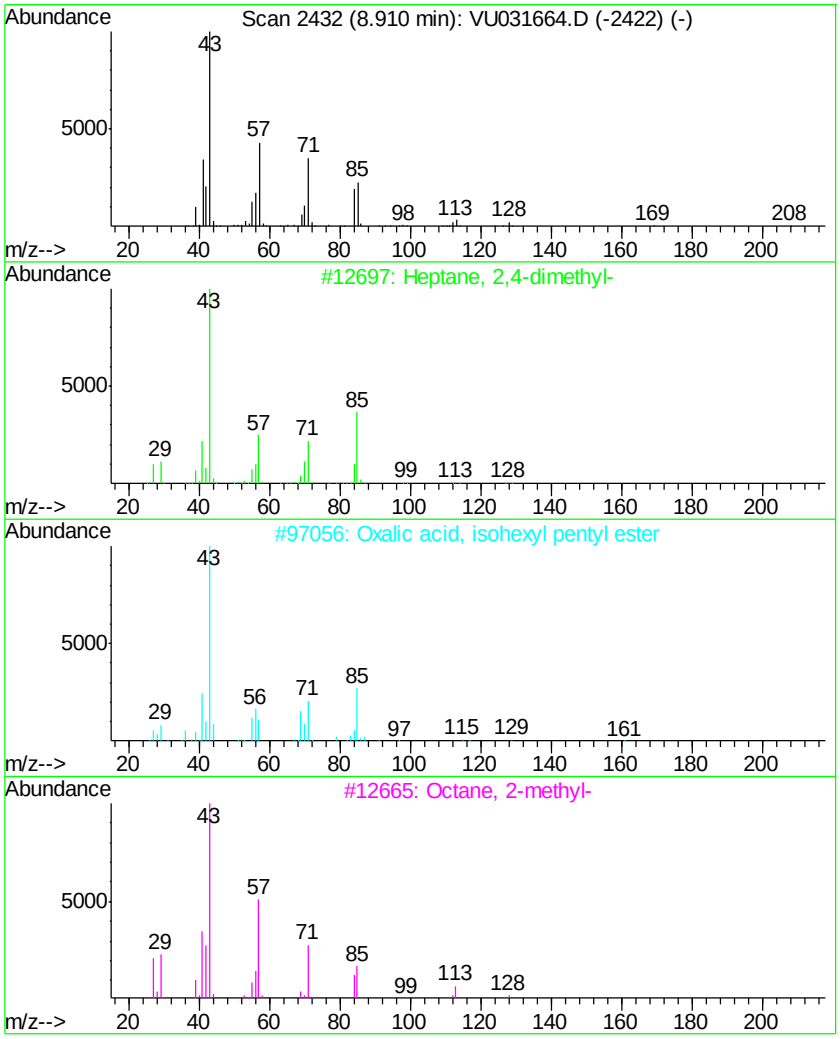
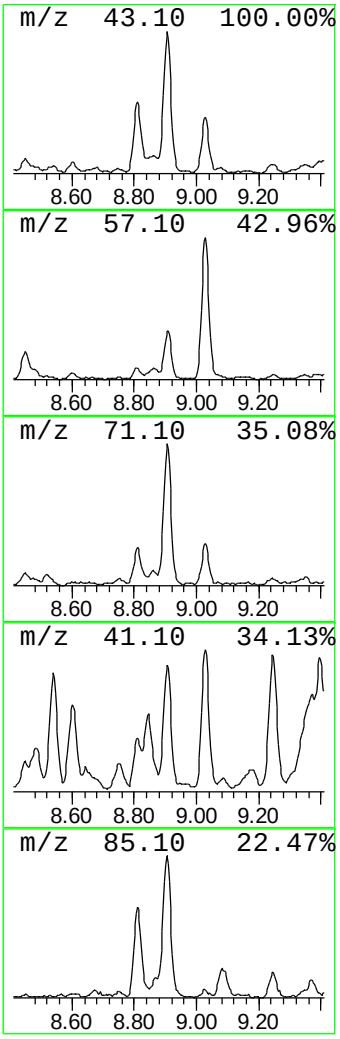
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	10.00 ug/L	571657	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	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	64
3	Octane, 2-methyl-	128	C9H20	003221-61-2	64
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
5	Octane	114	C8H18	000111-65-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

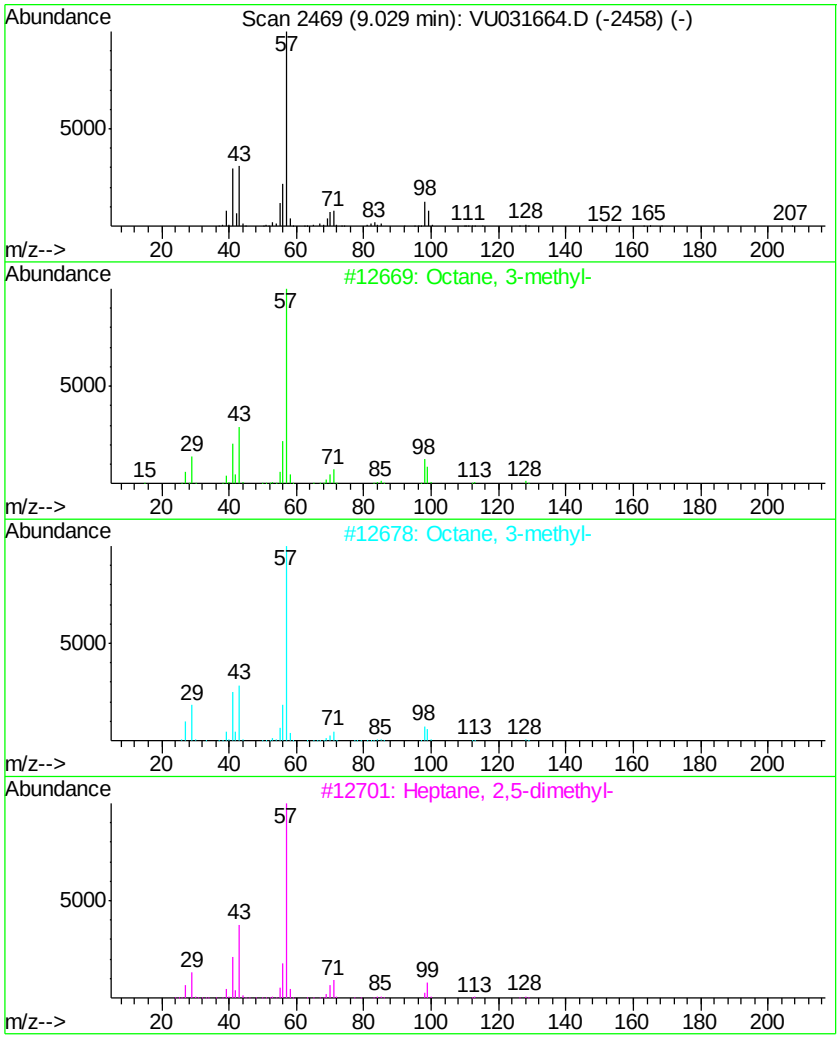
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

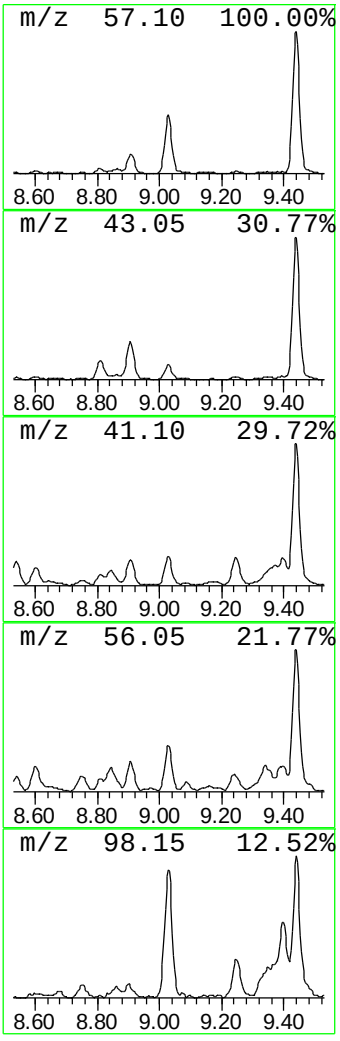
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	9.07 ug/L	518556	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	87
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	64
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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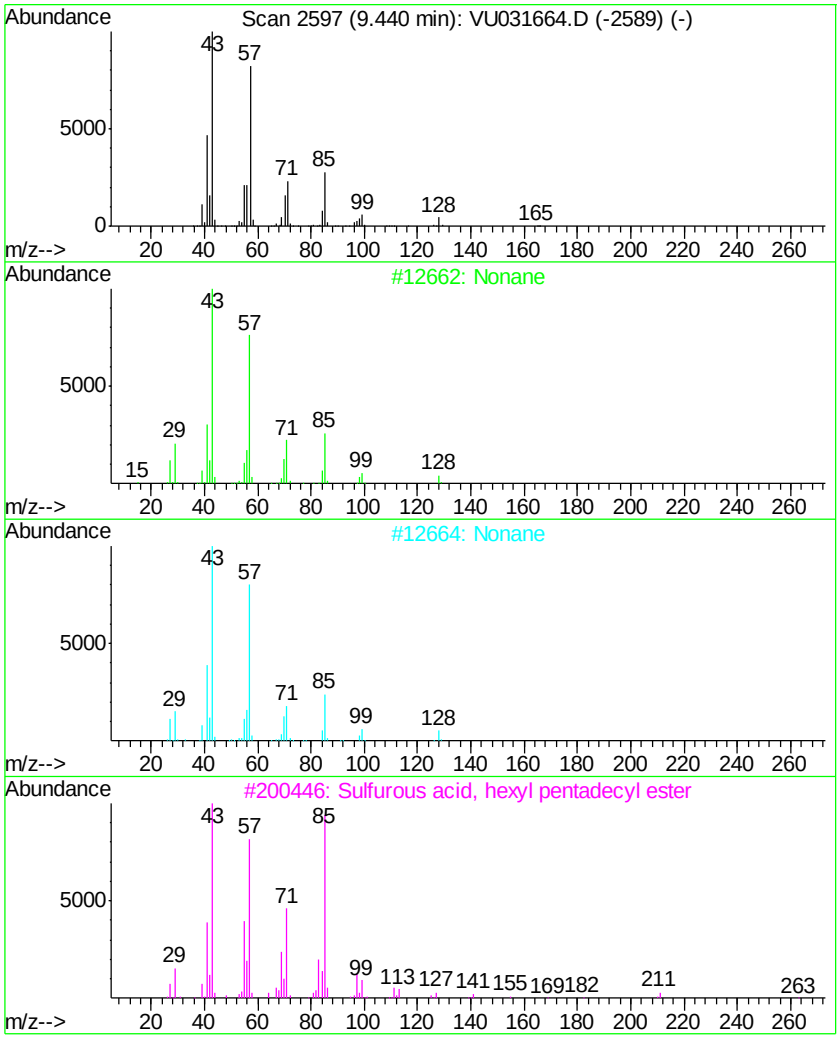
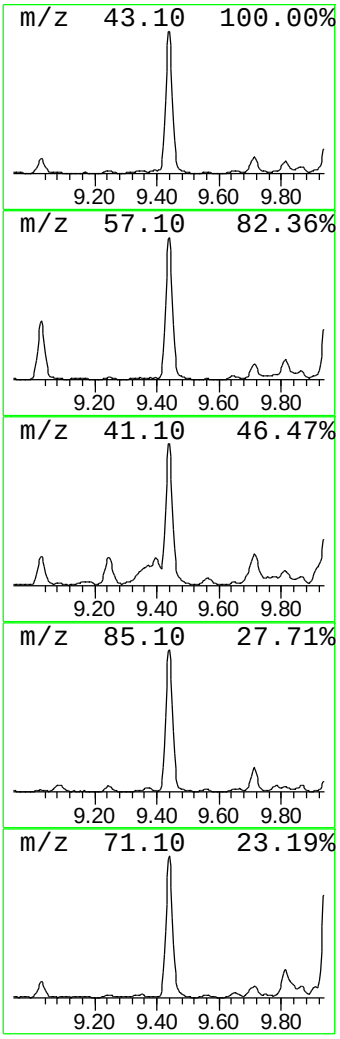
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	49.94 ug/L	2855780	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	97
2	Nonane	128	C9H20	000111-84-2	91
3	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	72
4	Octane	114	C8H18	000111-65-9	59
5	Octane	114	C8H18	000111-65-9	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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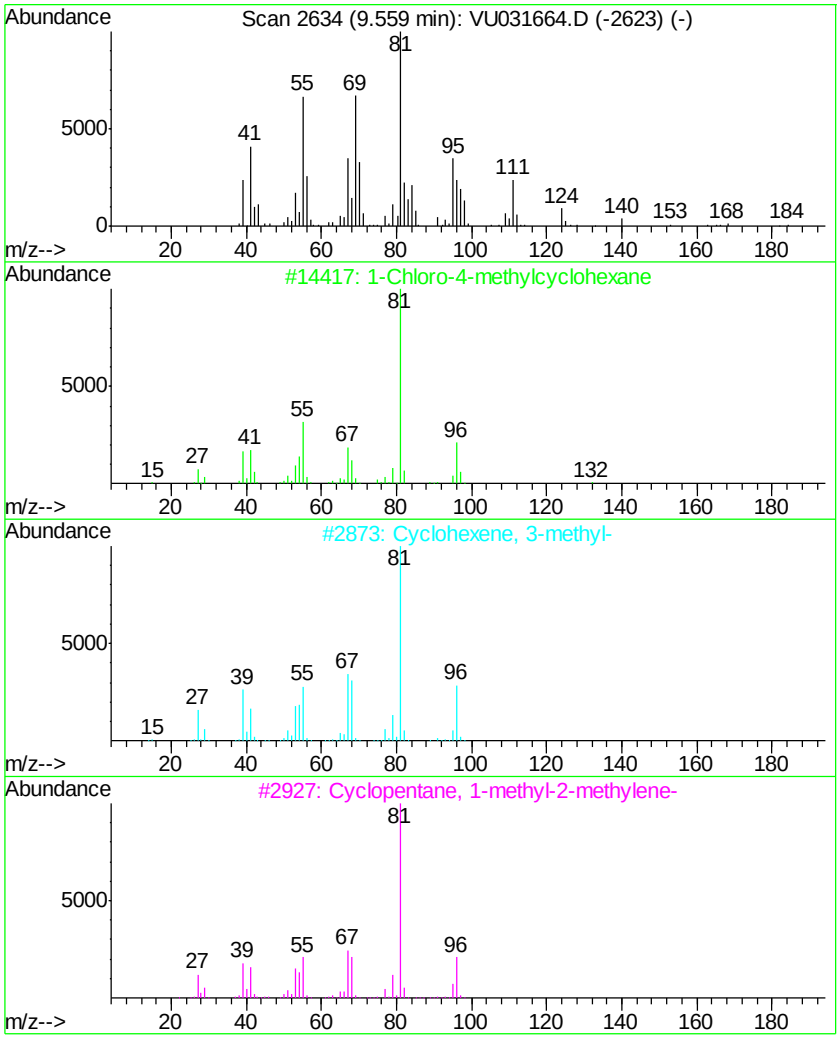
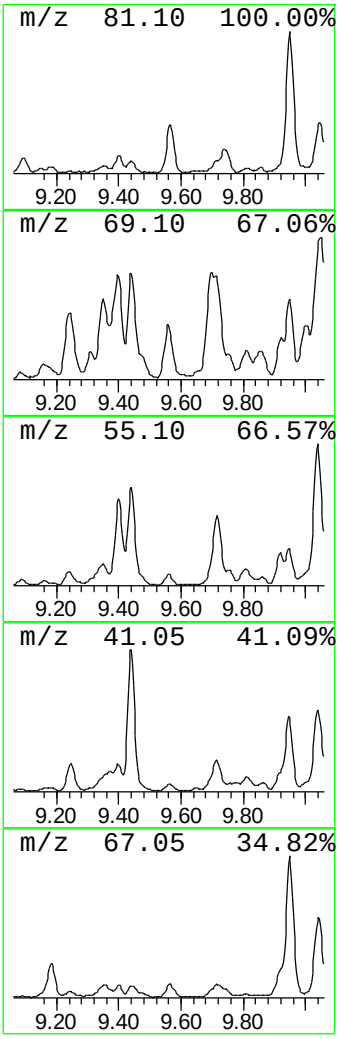
Peak Number 10 unknown-01 Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	5.03 ug/L	287903	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloro-4-methylcyclohexane	132	C7H13Cl	000931-68-0	43
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43
3	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	43
4	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	43
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	43





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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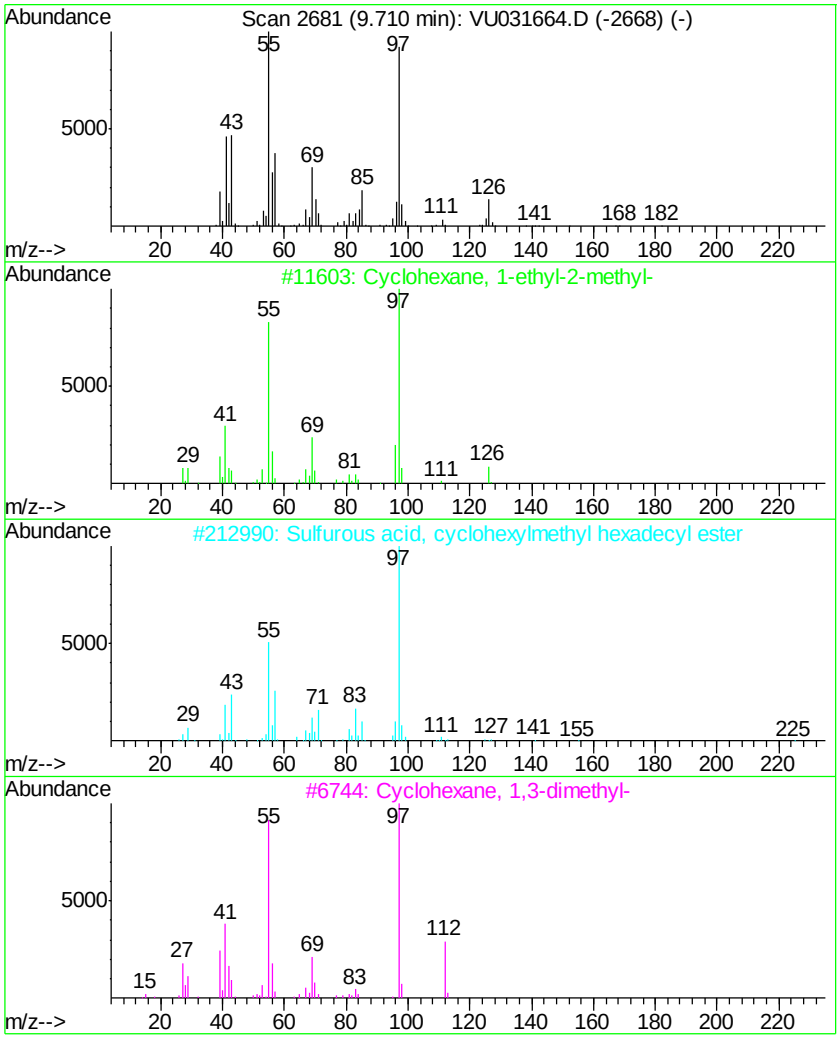
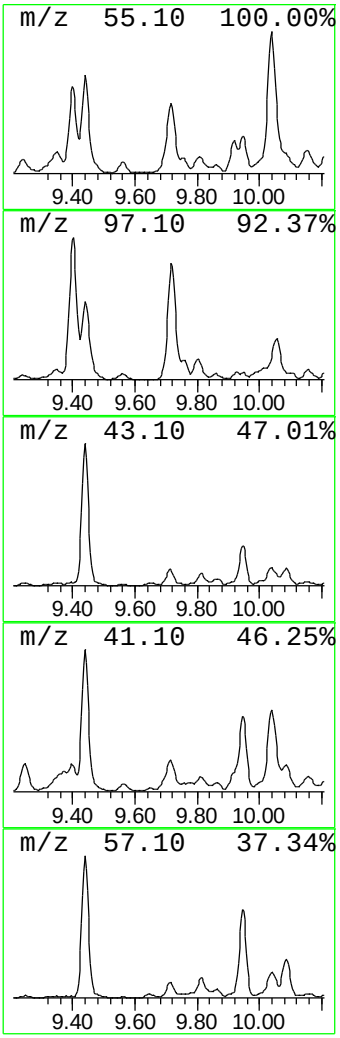
Peak Number 11 (DEL) Alkane: Cyclic9.71 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	17.26 ug/L	987031	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
2	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	72
3	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	72
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	68
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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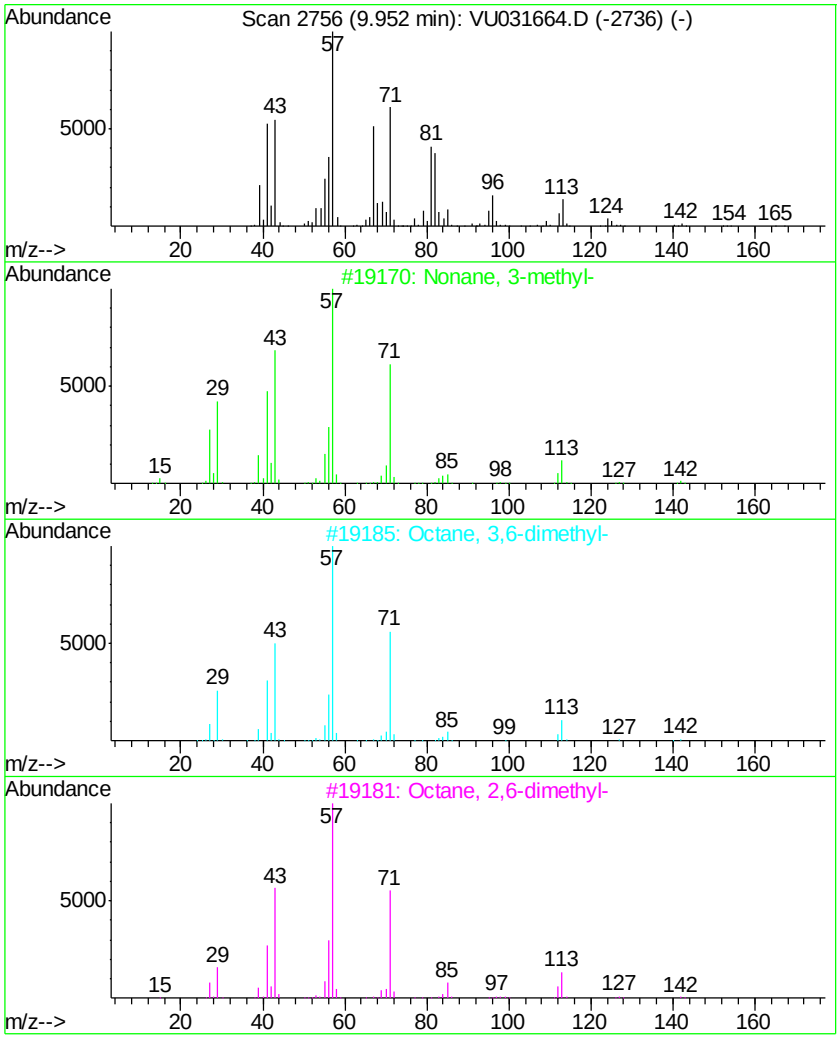
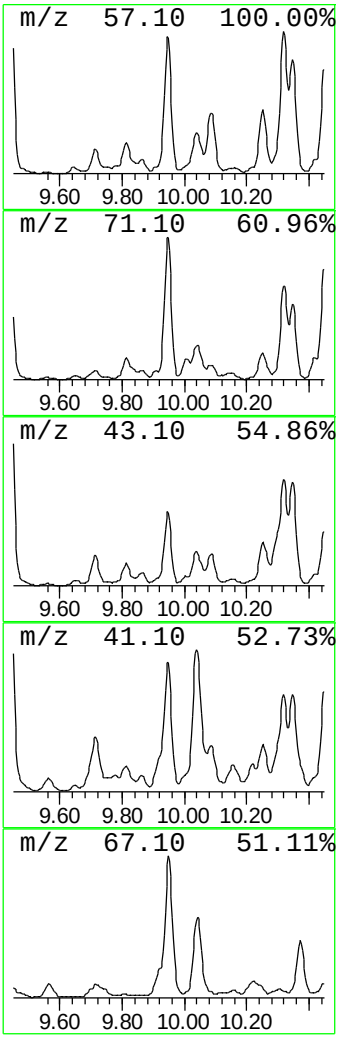
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	37.32 ug/L	2134000	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	55
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	55
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	55
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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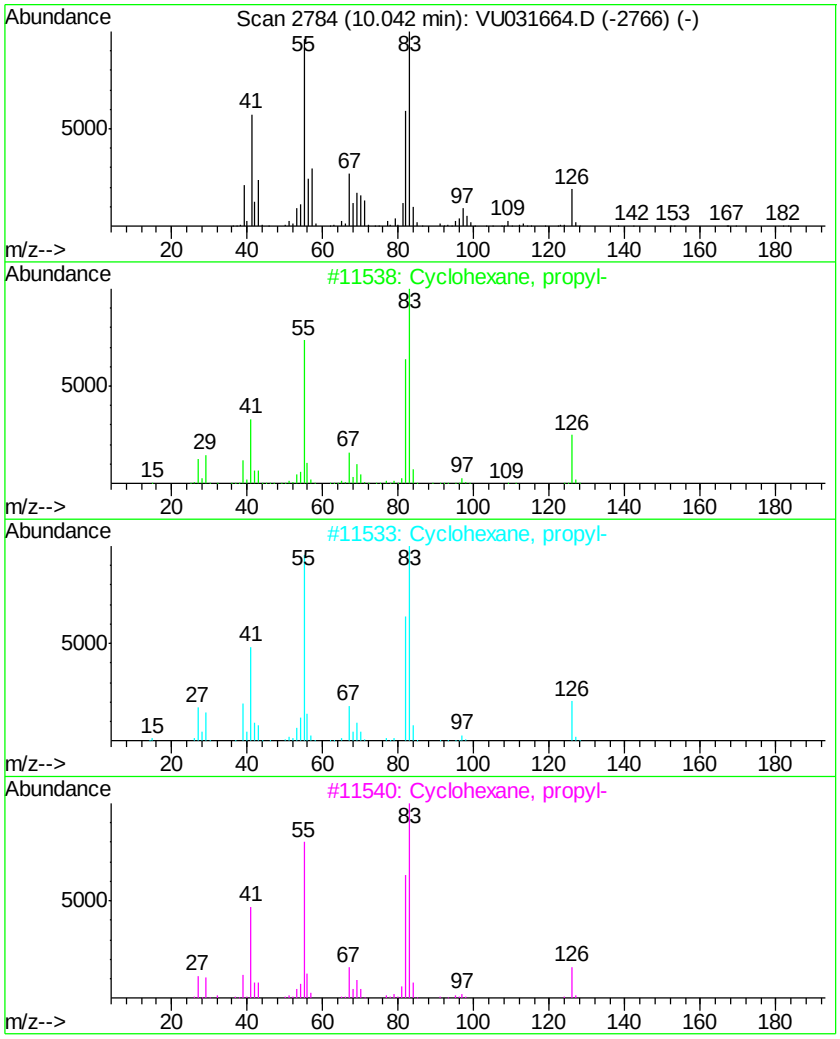
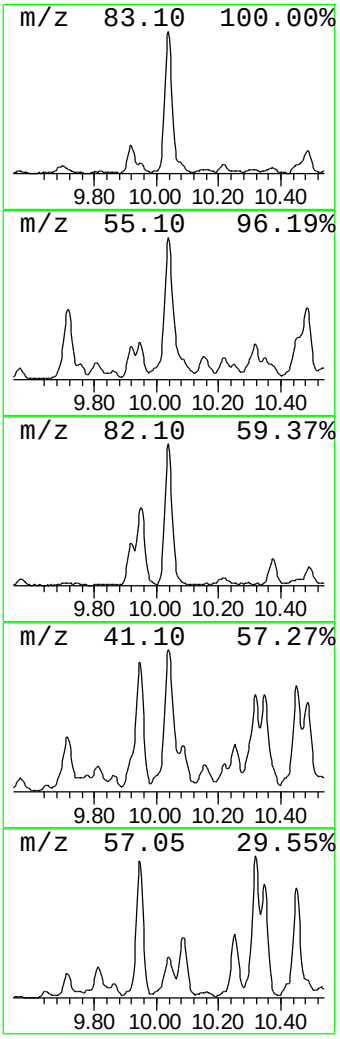
Peak Number 13 (DEL) Alkane: Cyclic10.04 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	36.70 ug/L	2098620	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	83
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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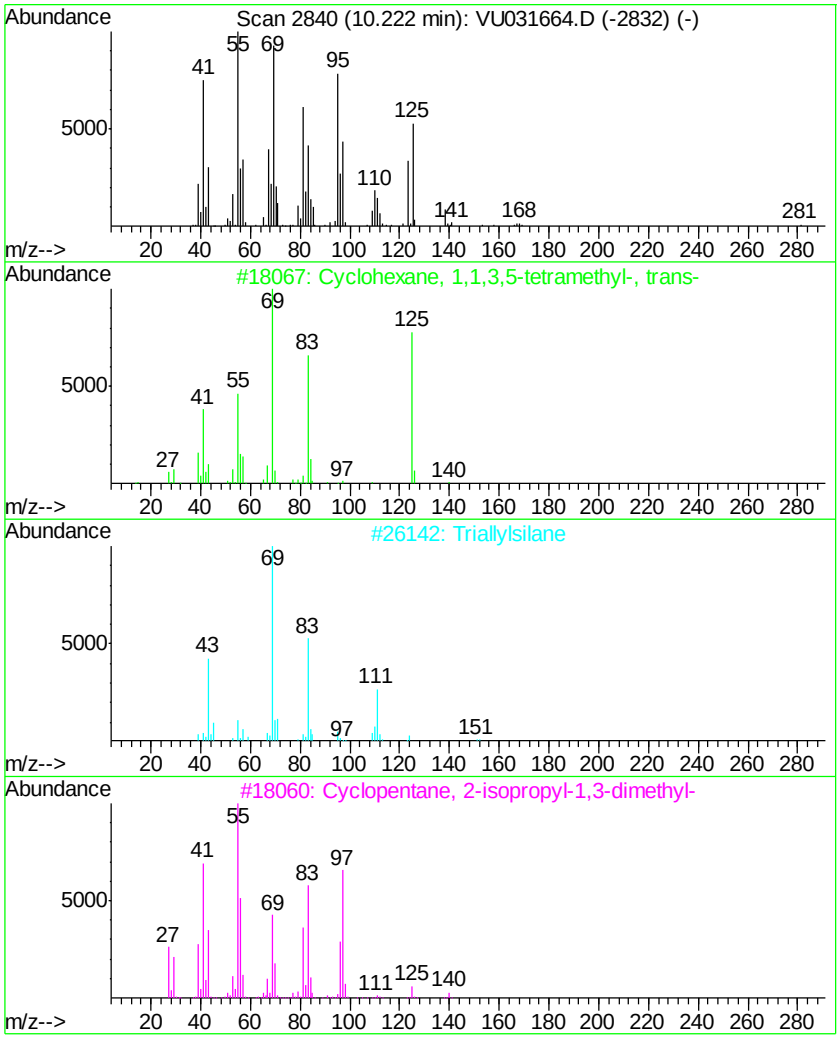
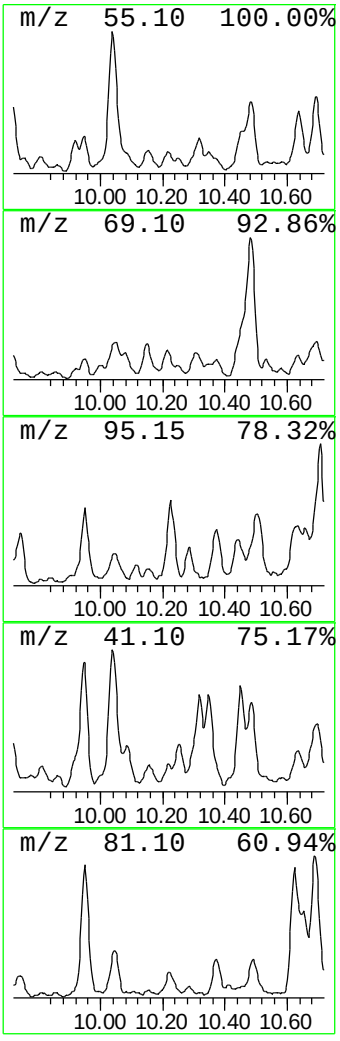
Peak Number 14 (DEL) Alkane: Cyclic10.22 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	4.50 ug/L	257357	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	45
2	Triallylsilane	152	C9H16Si	001116-62-7	35
3	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	30
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	27
5	.beta.-Citronellol, chlorodifluo...	268	C12H19ClF2O2	1000376-20-8	22





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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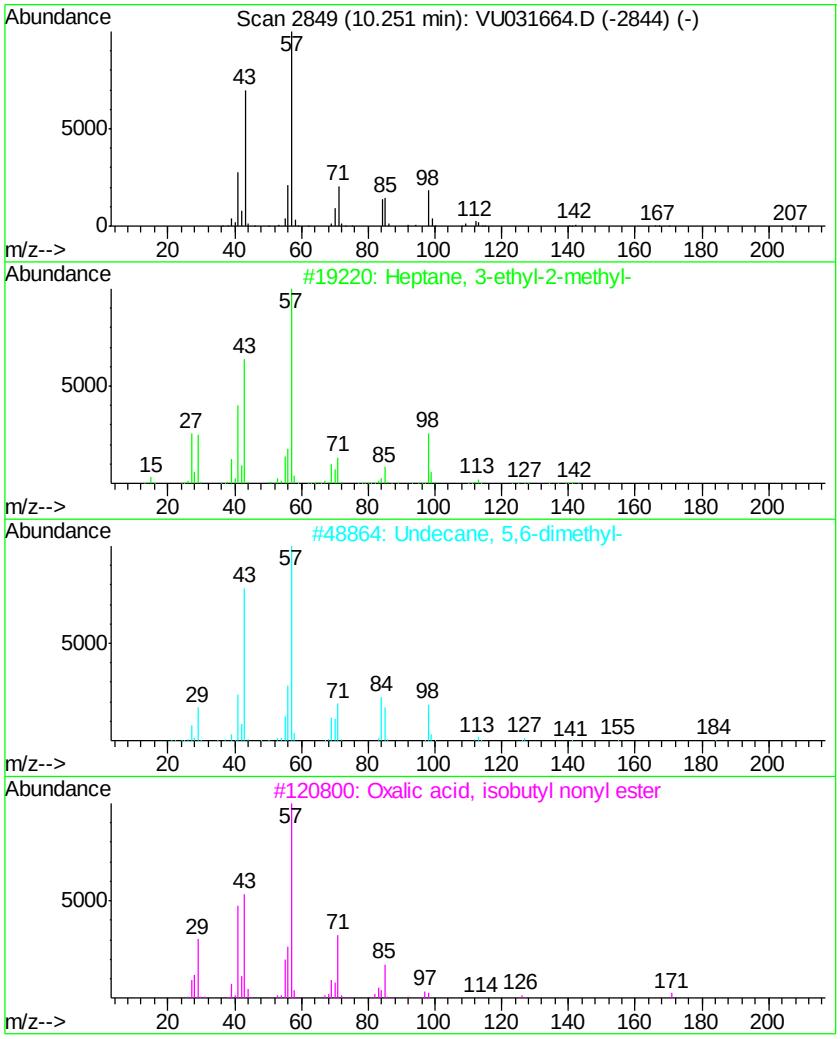
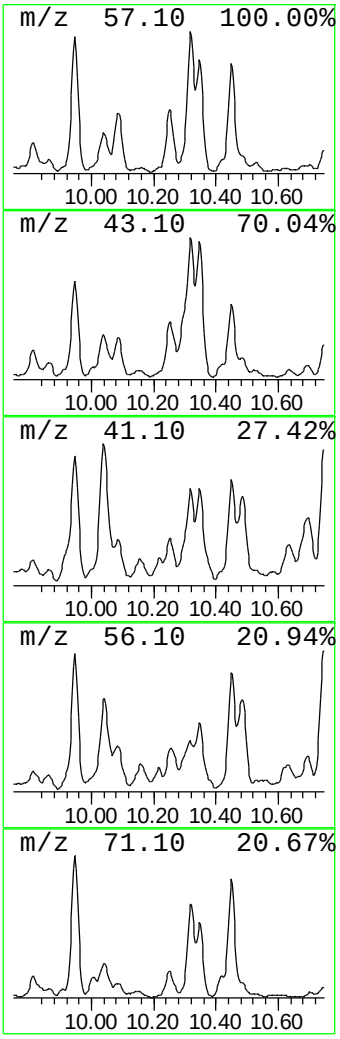
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	8.05 ug/L	460063	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
4	Decane	142	C10H22	000124-18-5	47
5	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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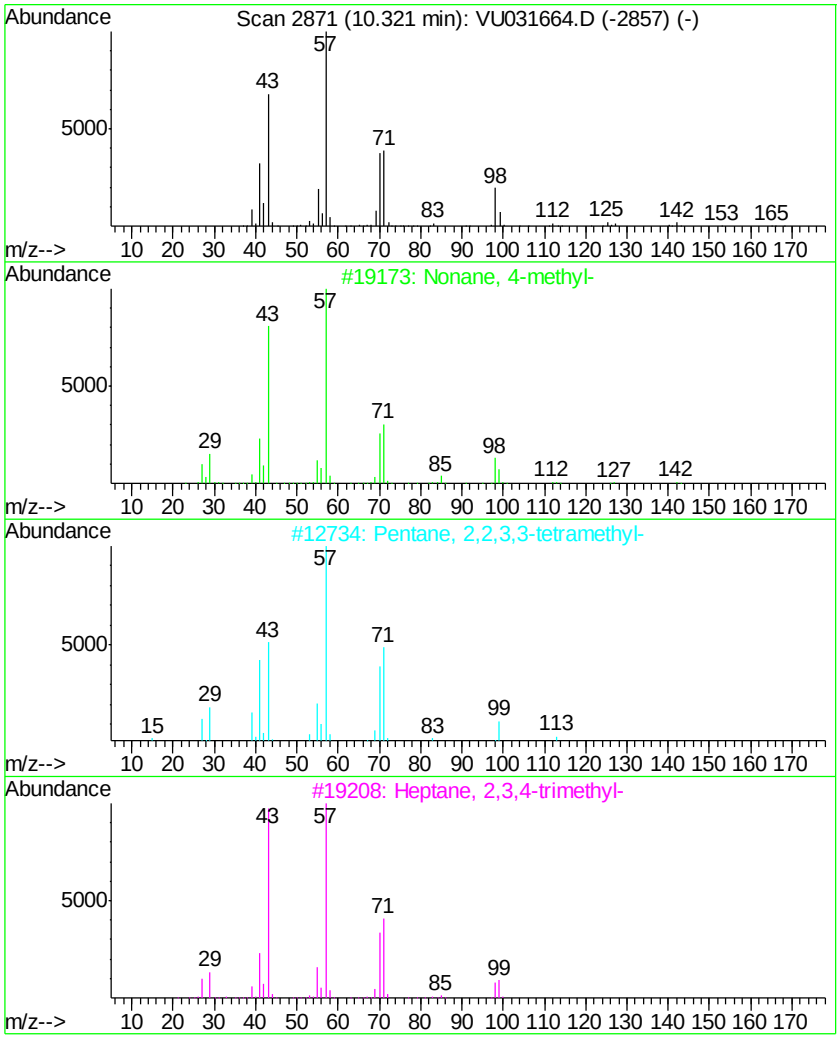
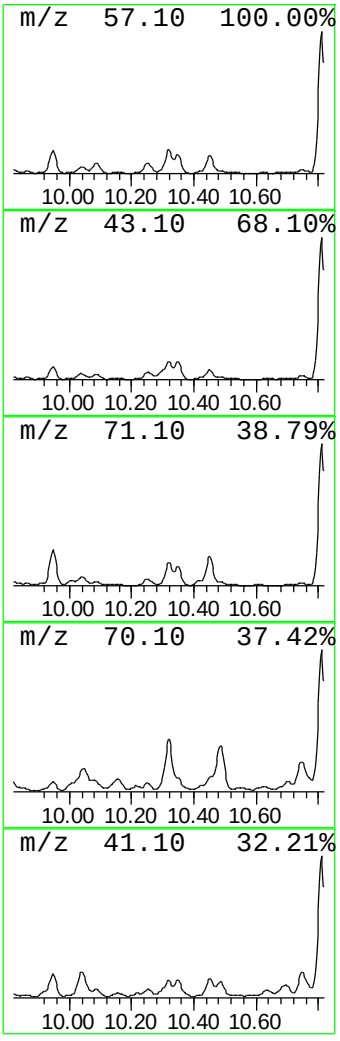
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	24.46 ug/L	1343170	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	86
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
5	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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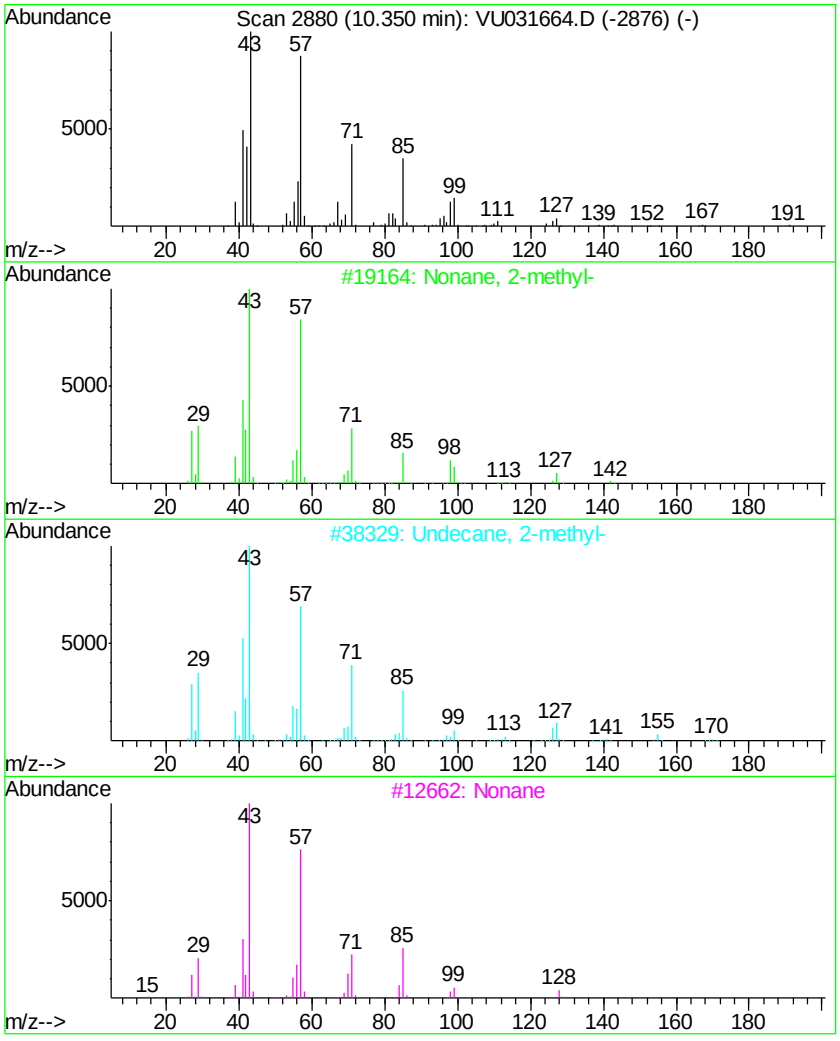
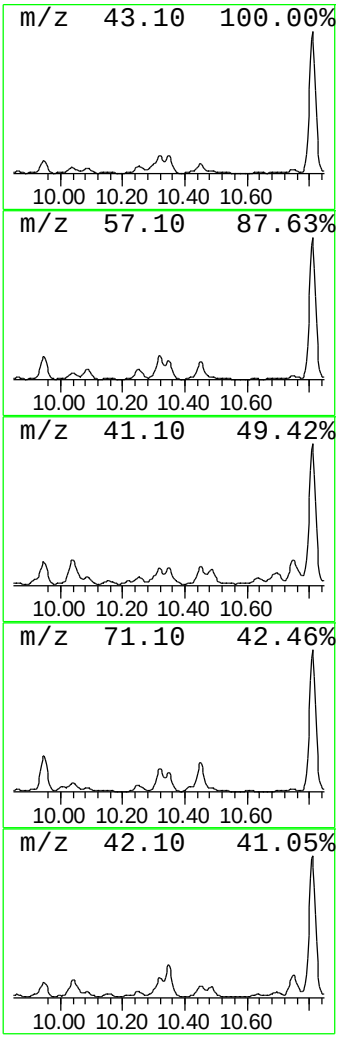
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	19.31 ug/L	1060270	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	64
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	59
3	Nonane	128	C9H20	000111-84-2	59
4	Pentadecane	212	C15H32	000629-62-9	53
5	Tridecane	184	C13H28	000629-50-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

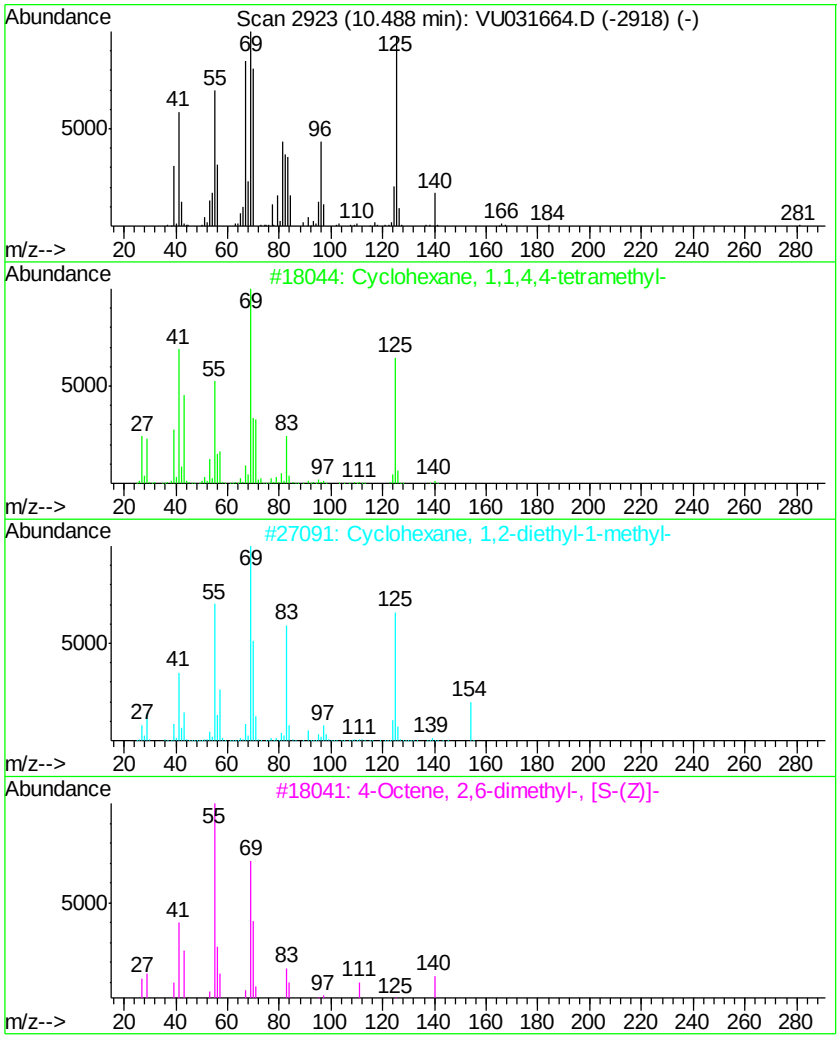
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

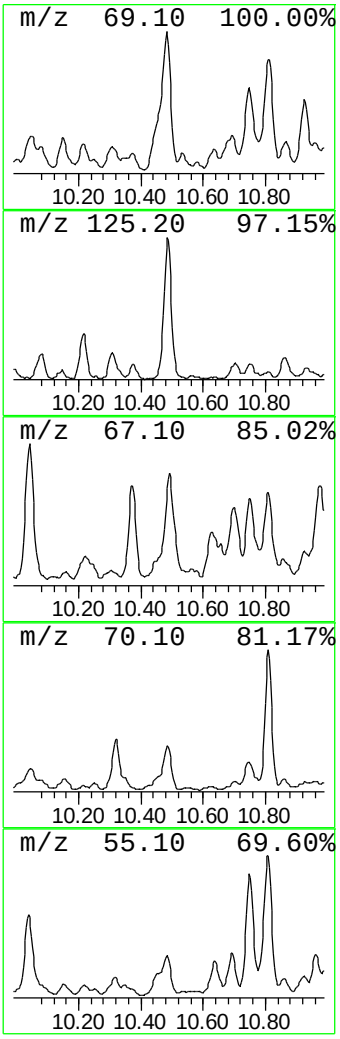
****

Peak Number 18 (DEL) Alkane: Cyclic10.49 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	18.48 ug/L	1014380	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	47
2	Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	47
3	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	46
4	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	43
5	1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
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Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

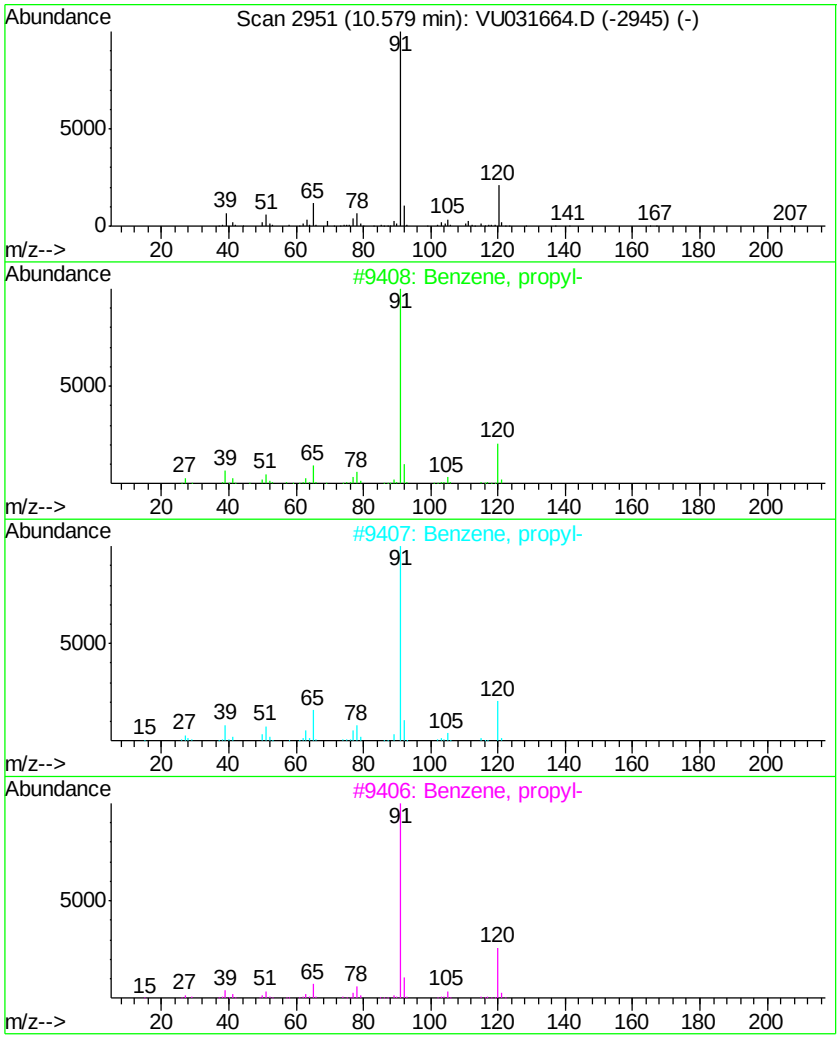
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

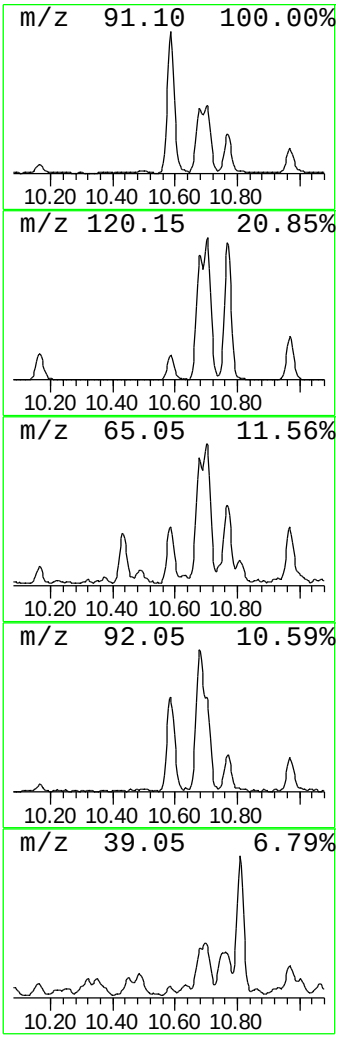
****

Peak Number 19 Benzene, propyl- Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	7.70 ug/L	422939	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	86
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	78
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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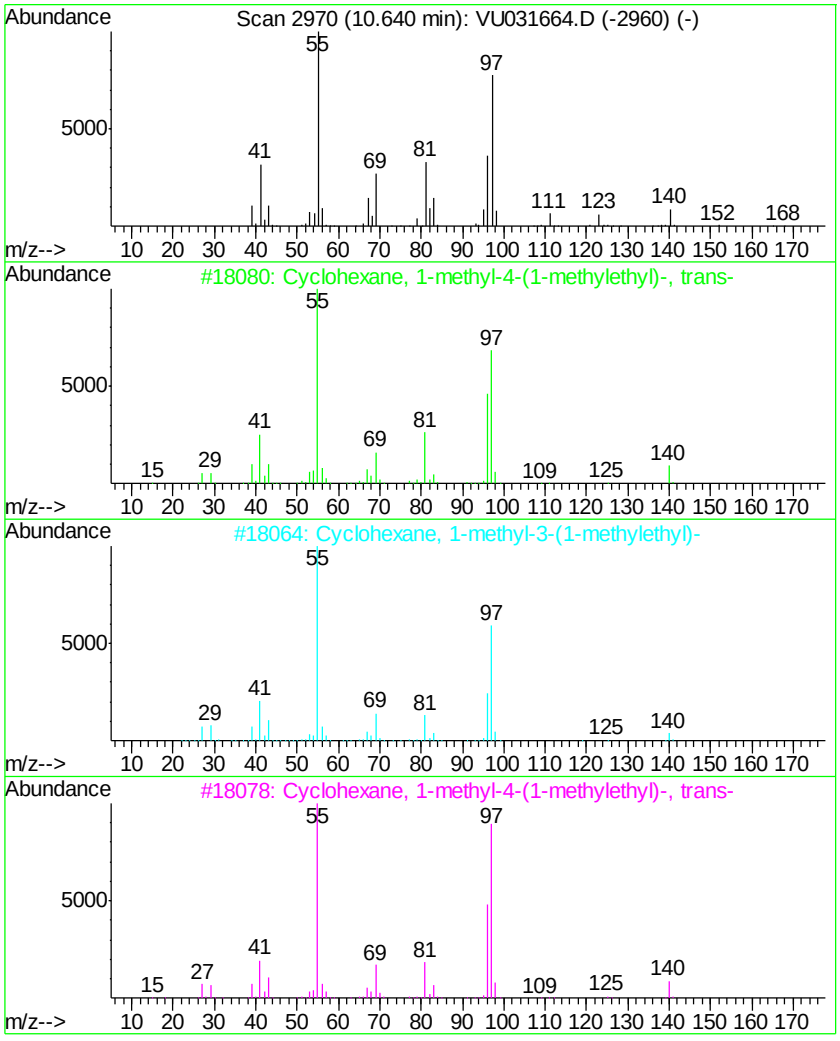
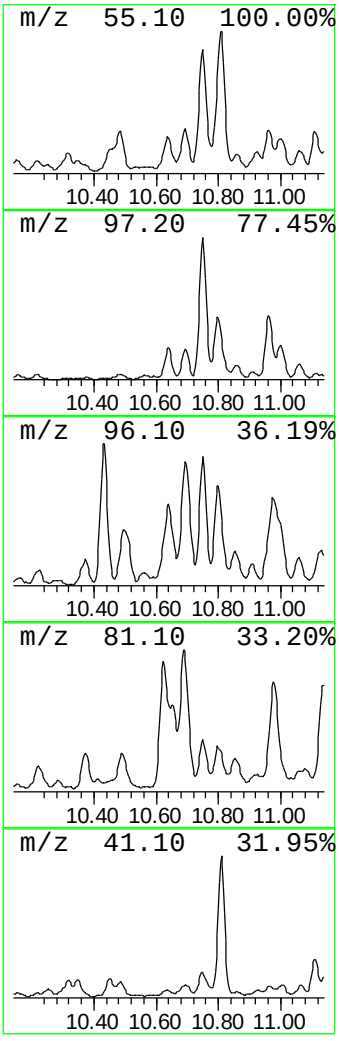
Peak Number 20 (DEL) Alkane: Cyclic10.64 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	7.88 ug/L	432638	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	70
2	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	64
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	62
5	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
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Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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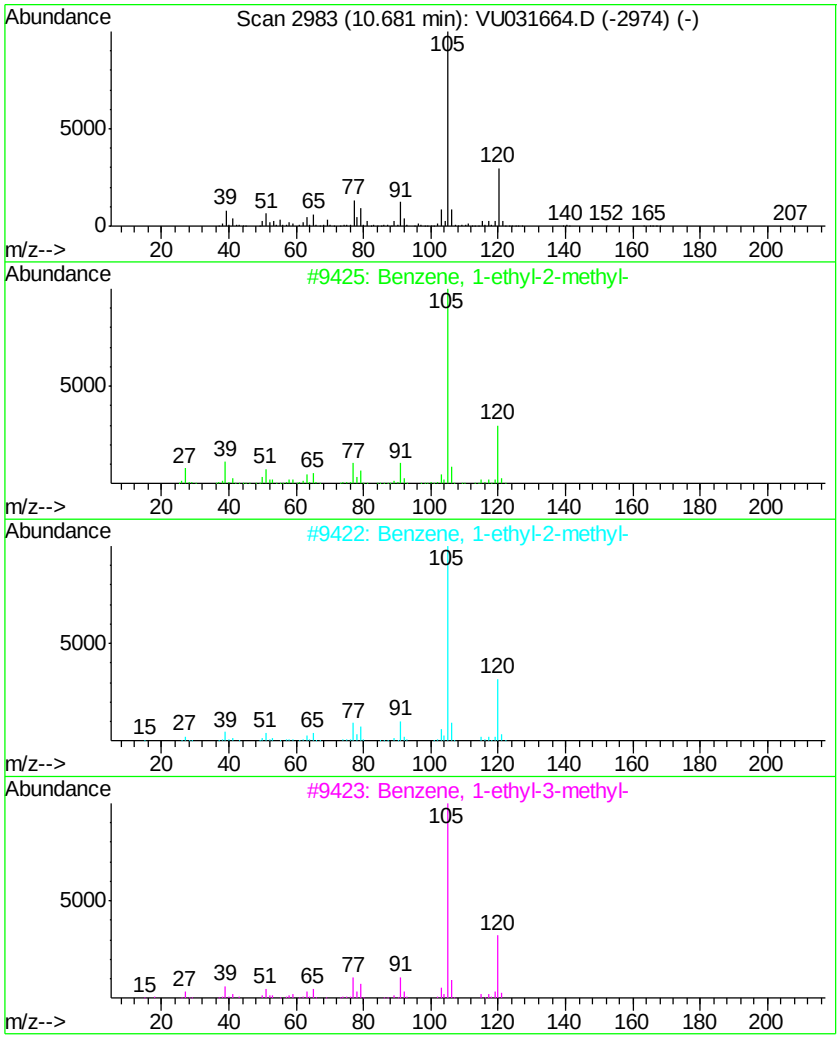
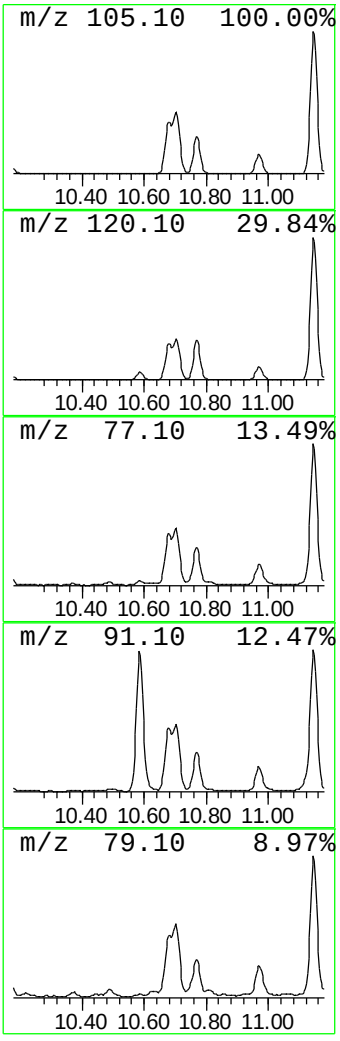
Peak Number 21 Benzene, 1-ethyl-2-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	29.43 ug/L	1615960	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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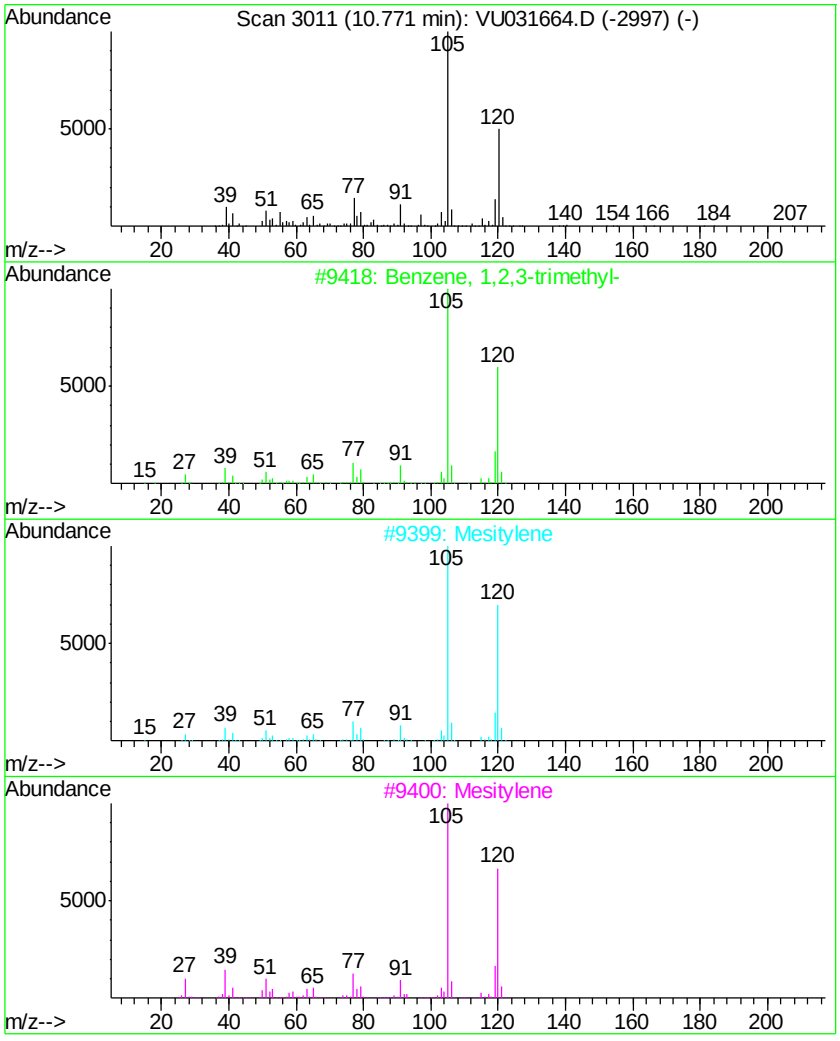
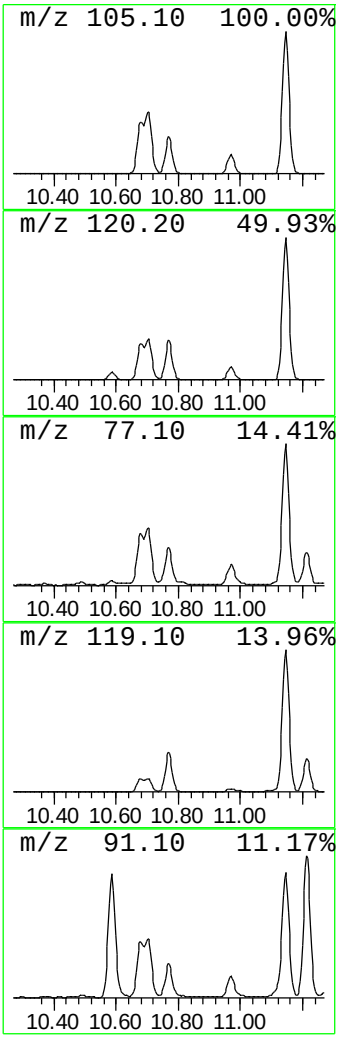
Peak Number 22 Benzene, 1,2,3-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	51.93 ug/L	2851180	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Mesitylene	120	C9H12	000108-67-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

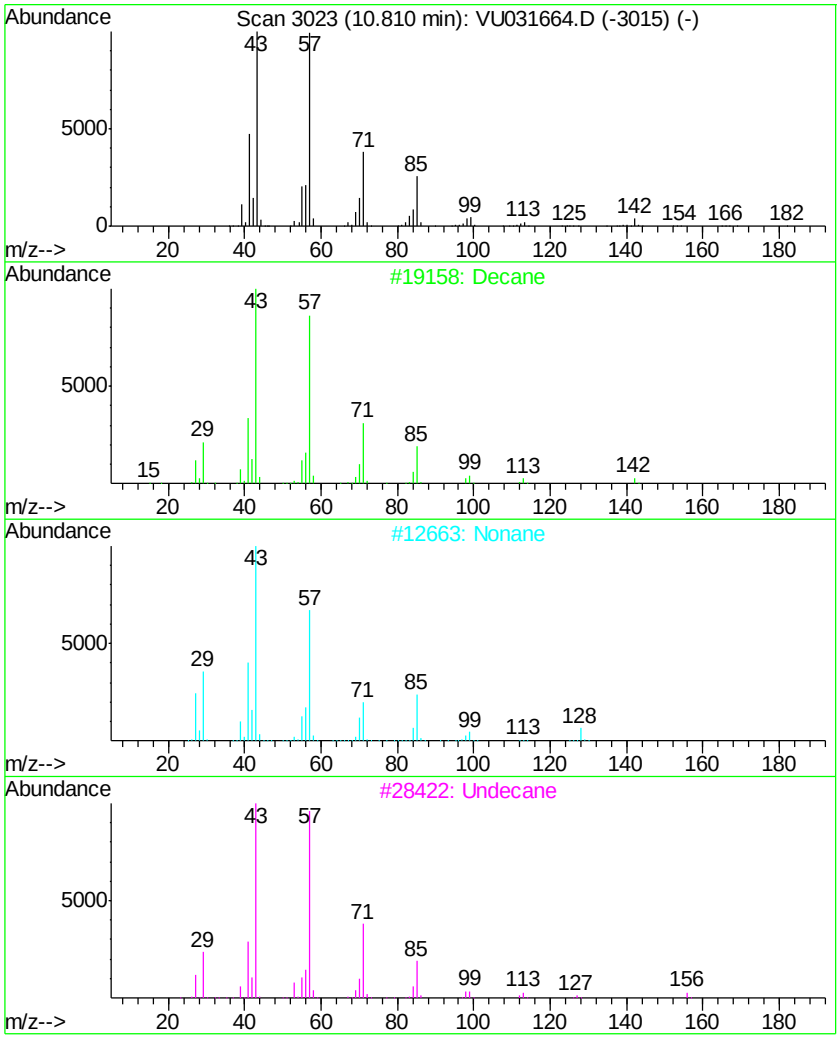
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

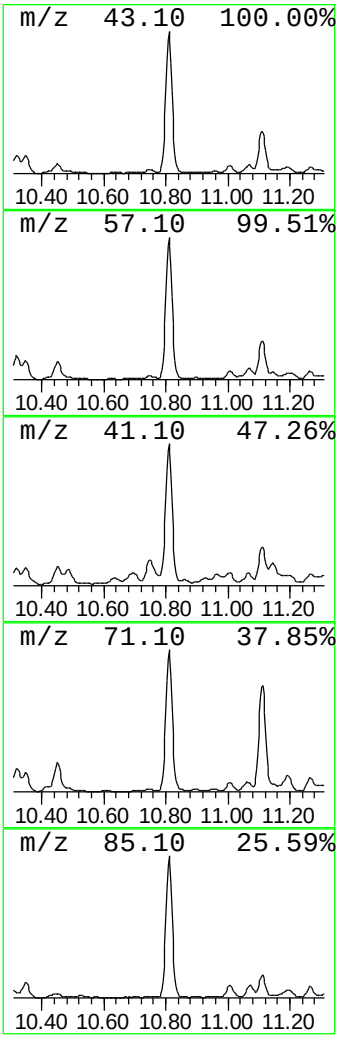
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	143.49 ug/L	7877810	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	87
2	Nonane	128	C9H20	000111-84-2	83
3	Undecane	156	C11H24	001120-21-4	64
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	64
5	Octane	114	C8H18	000111-65-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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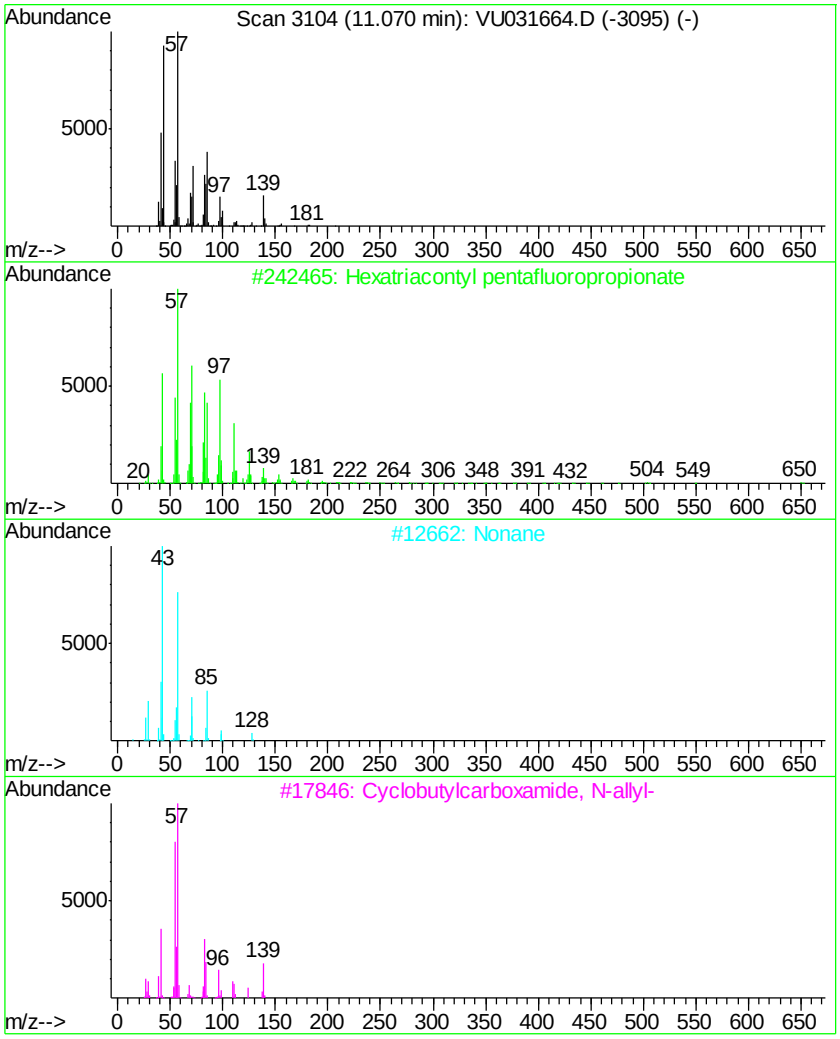
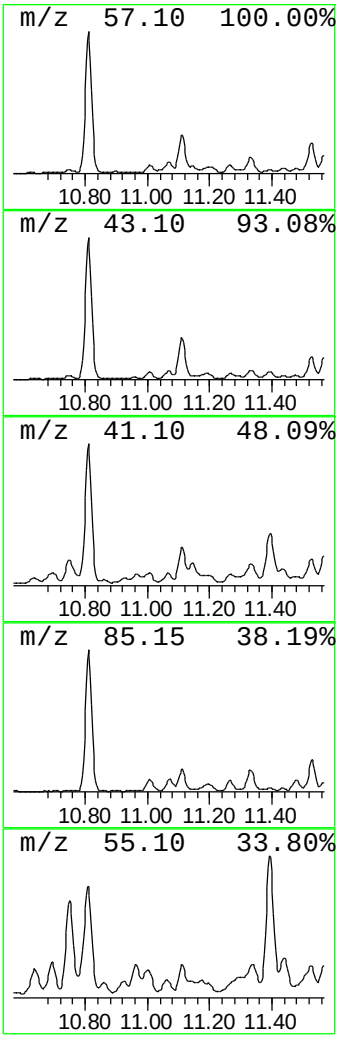
Peak Number 25 Hexatriacontyl pentafluorop... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	9.75 ug/L	535499	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	59
2	Nonane	128	C9H20	000111-84-2	49
3	Cyclobutylcarboxamide, N-allyl-	139	C8H13NO	1000340-36-9	46
4	Undecane	156	C11H24	001120-21-4	45
5	Decane	142	C10H22	000124-18-5	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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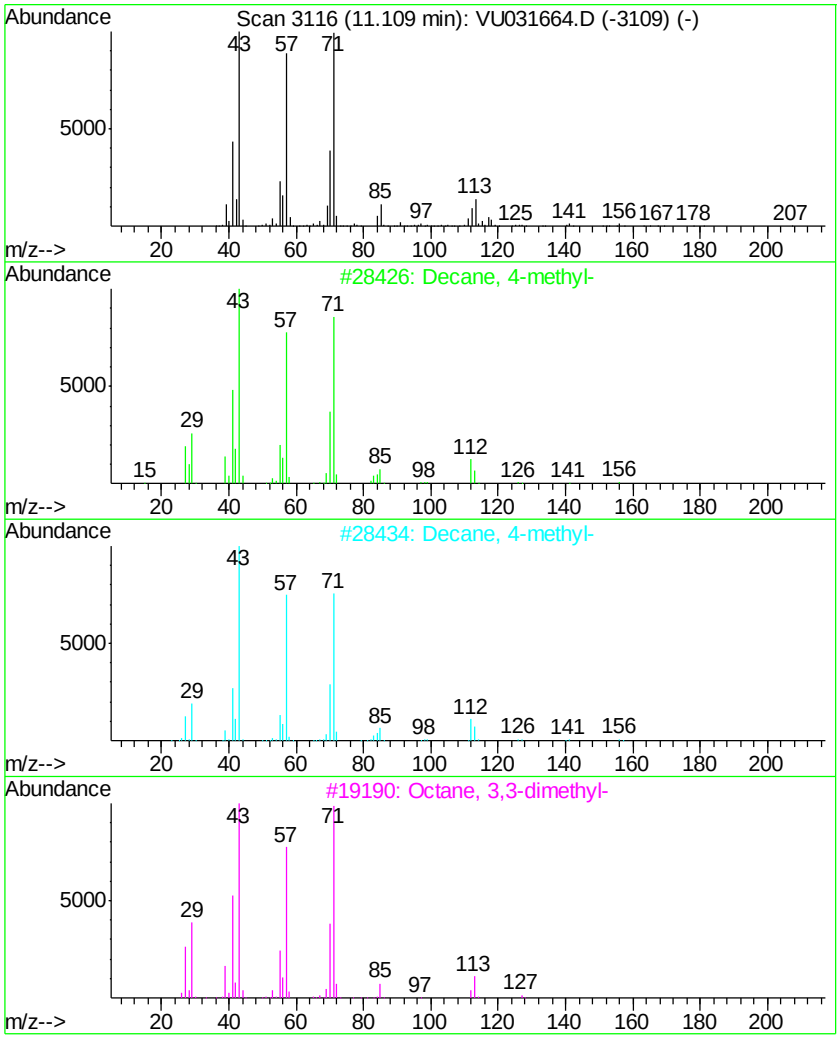
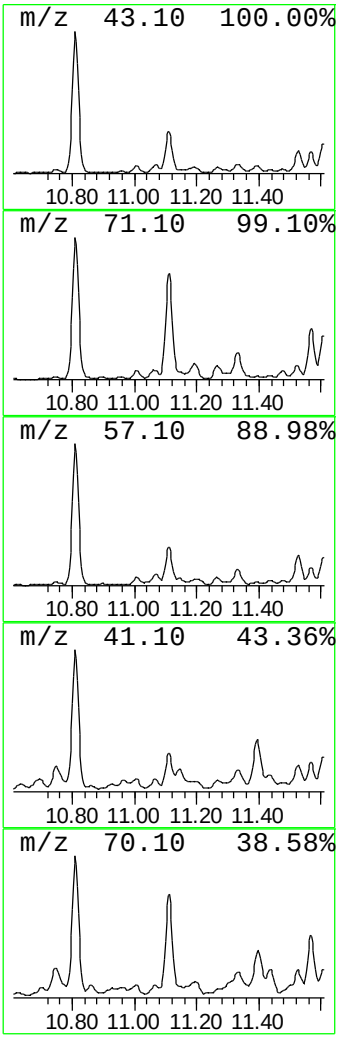
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	41.19 ug/L	2261290	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	87
2	Decane, 4-methyl-	156	C11H24	002847-72-5	83
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
5	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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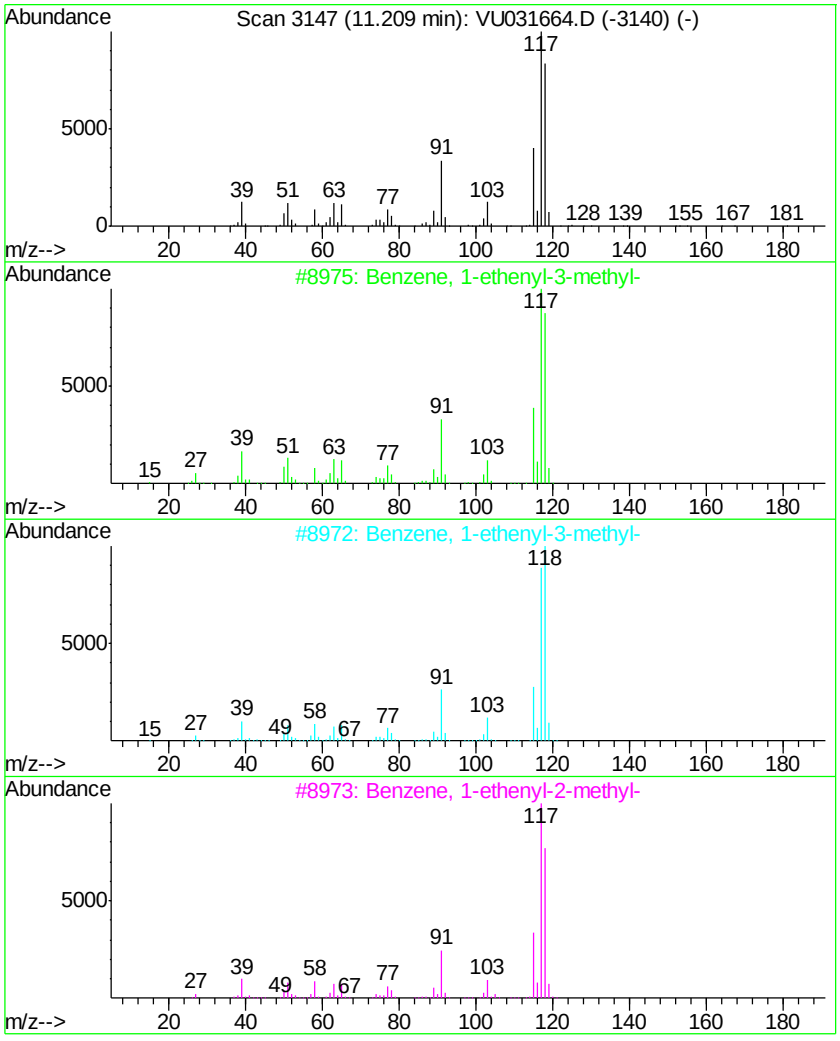
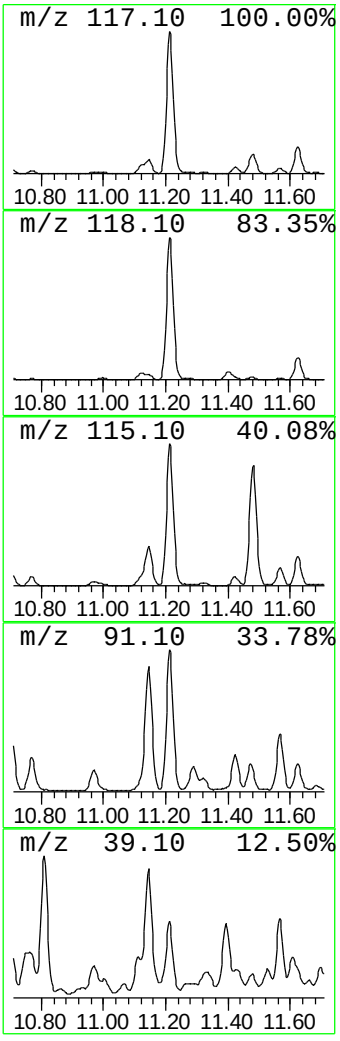
Peak Number 28 Benzene, 1-ethenyl-3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	63.20 ug/L	3469990	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94





Library Search Compound Report

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Data File : VU031664.D
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Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

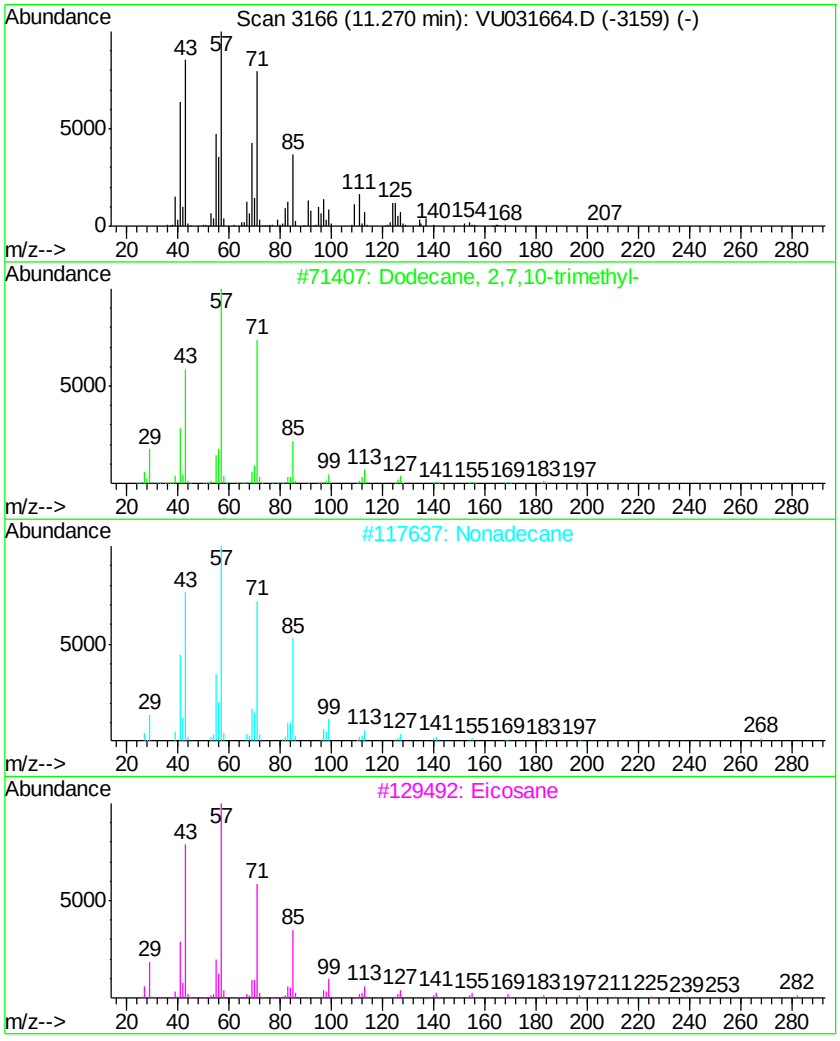
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

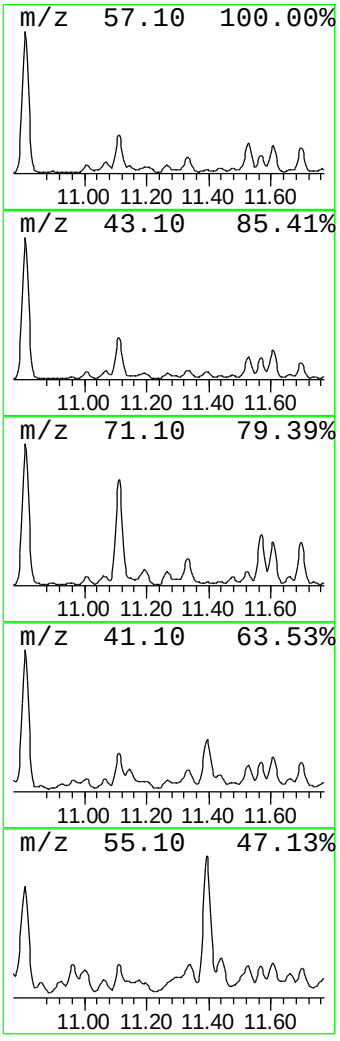
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	8.85 ug/L	485656	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
2	Nonadecane	268	C19H40	000629-92-5	58
3	Eicosane	282	C20H42	000112-95-8	53
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
5	Dotriacontane	451	C32H66	000544-85-4	50





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

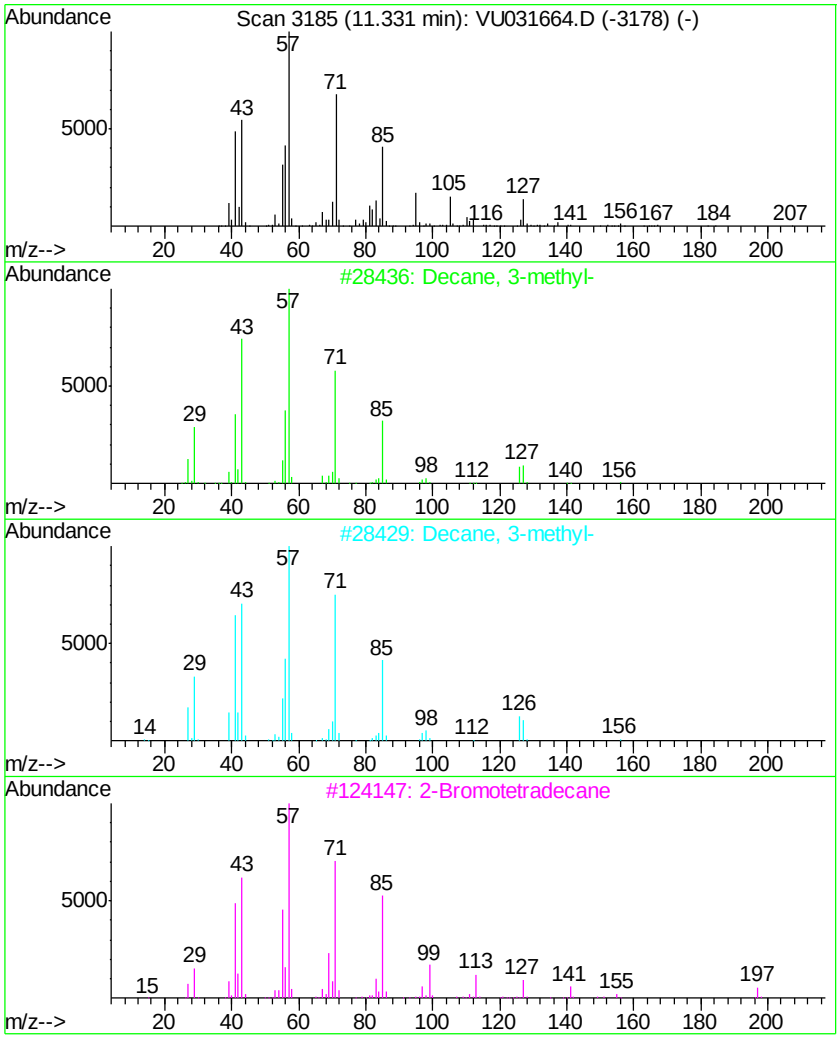
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

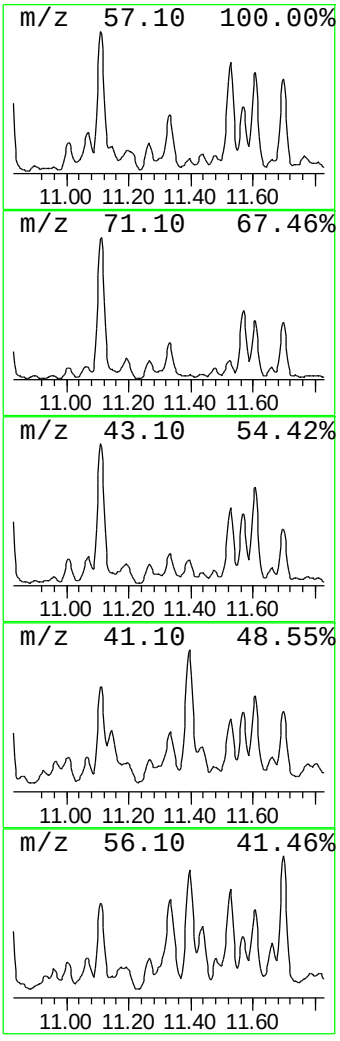
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	23.71 ug/L	1301970	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	81
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	52
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

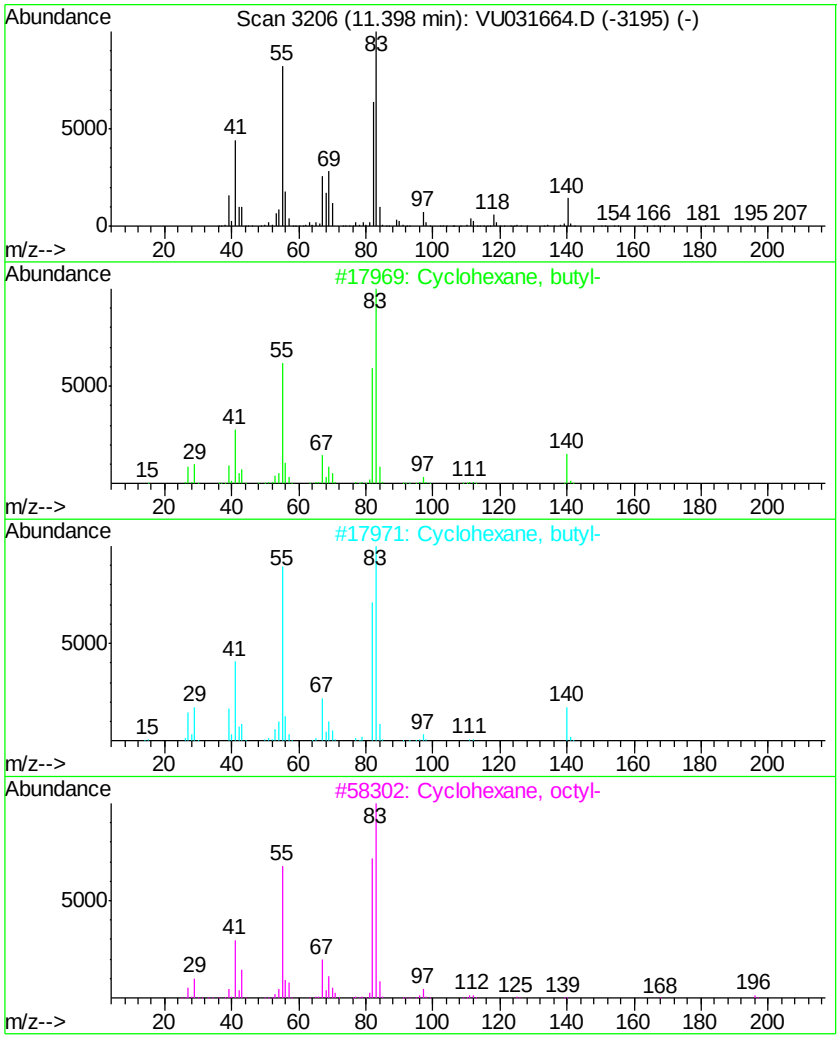
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

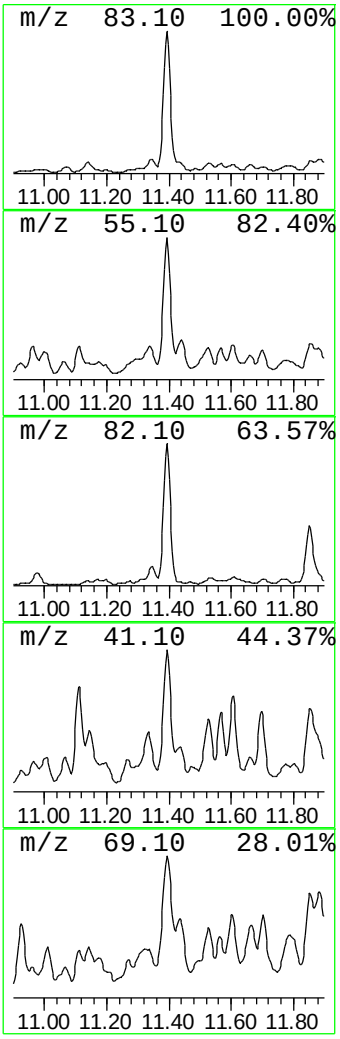
****

Peak Number 31 (DEL) Alkane: Cyclic11.40 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	64.38 ug/L	3534510	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, octyl-	196	C14H28	001795-15-9	78
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

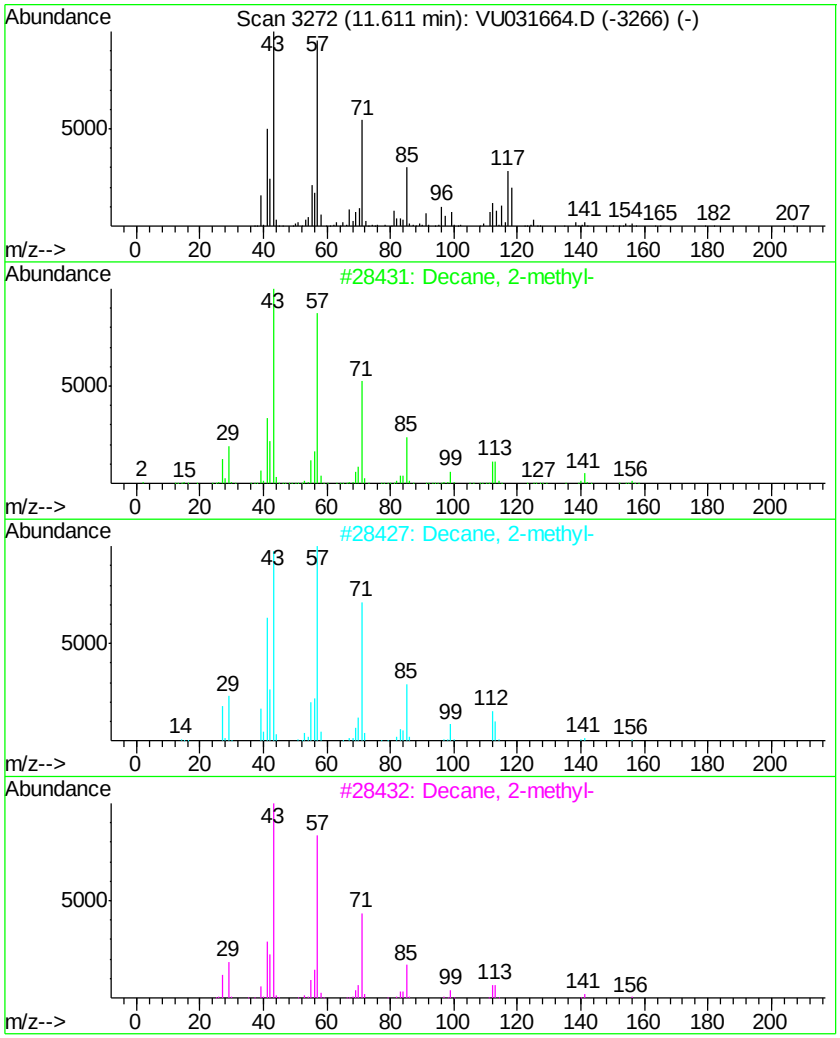
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

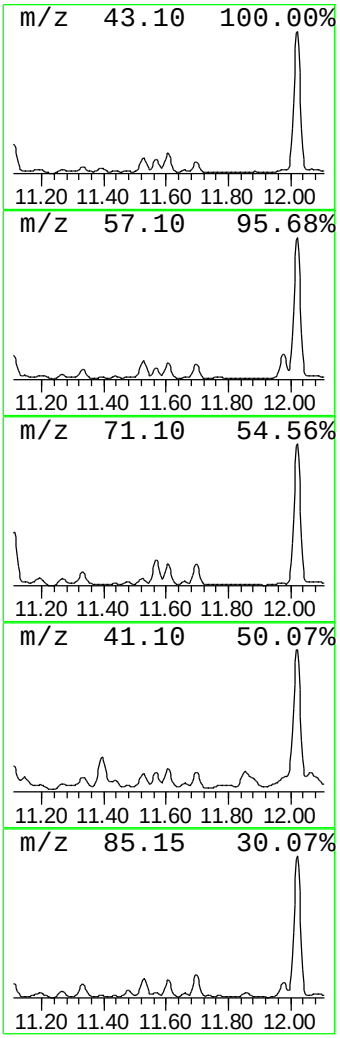
****

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	32.80 ug/L	1801030	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	68
2	Decane, 2-methyl-	156	C11H24	006975-98-0	64
3	Decane, 2-methyl-	156	C11H24	006975-98-0	58
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53
5	Decane, 3-methyl-	156	C11H24	013151-34-3	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

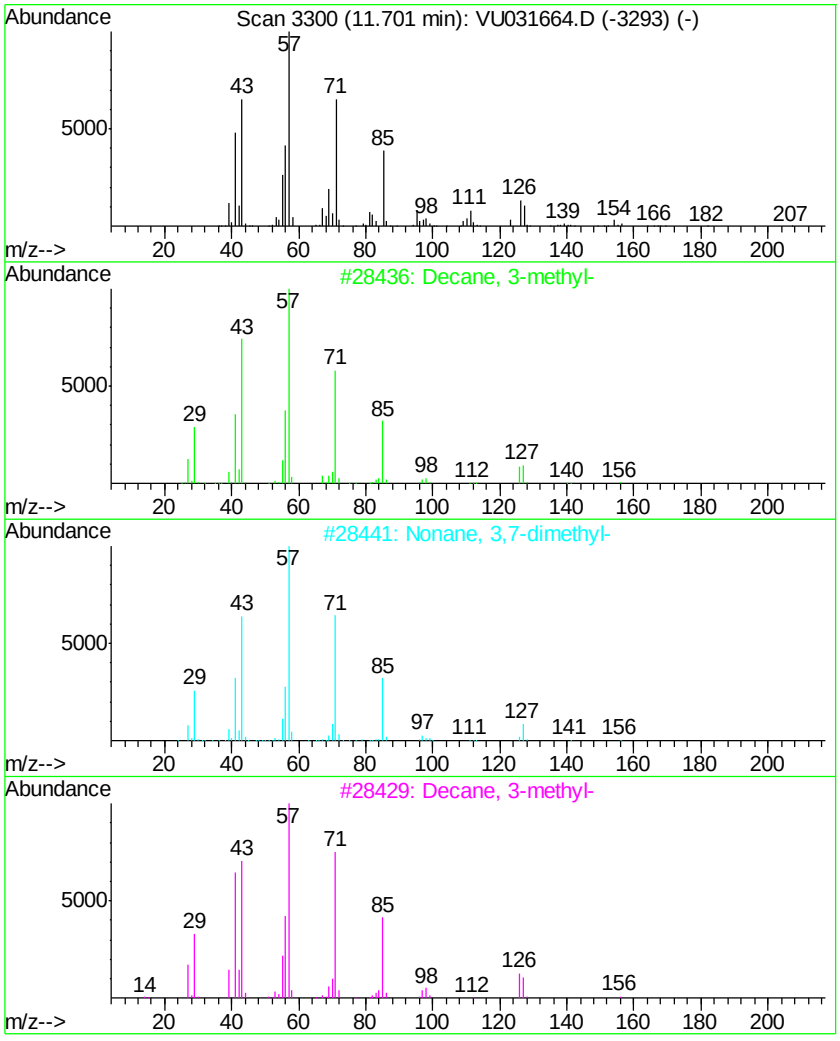
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

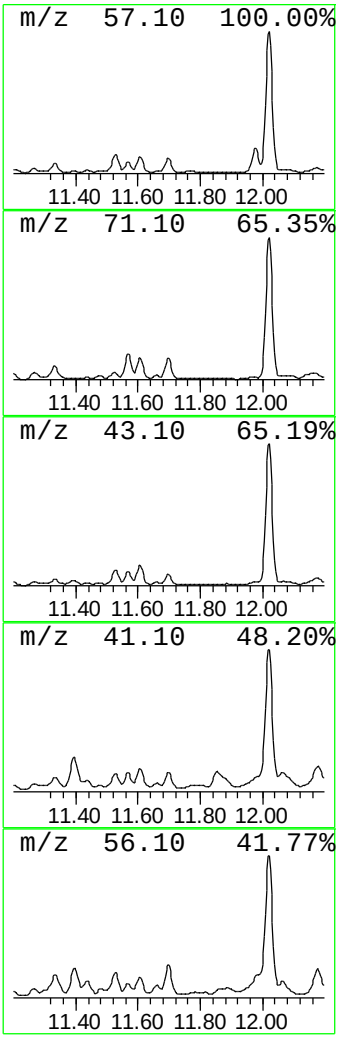
****

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	27.97 ug/L	1535680	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	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3	Decane, 3-methyl-	156	C11H24	013151-34-3	64
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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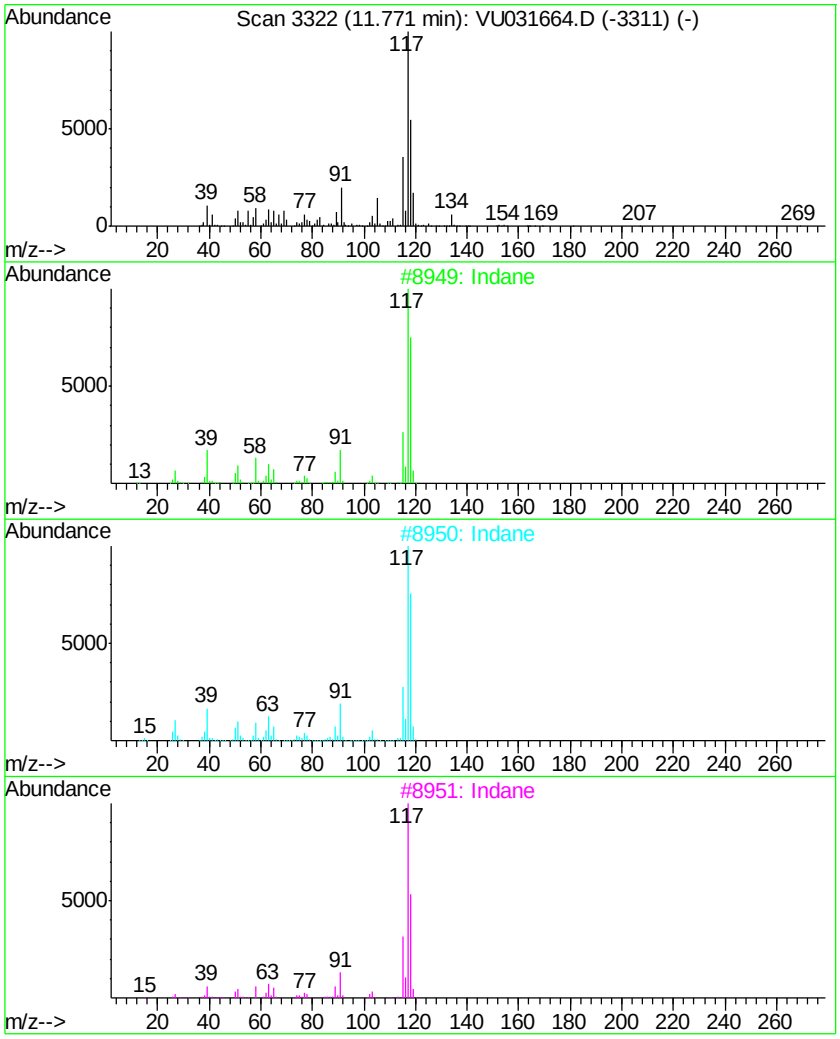
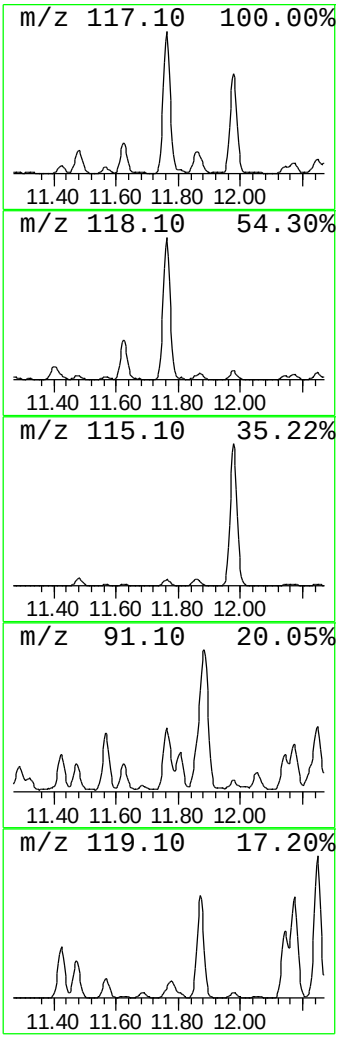
Peak Number 35 Indane Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	48.97 ug/L	2688510	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Indane	118	C9H10	000496-11-7	90
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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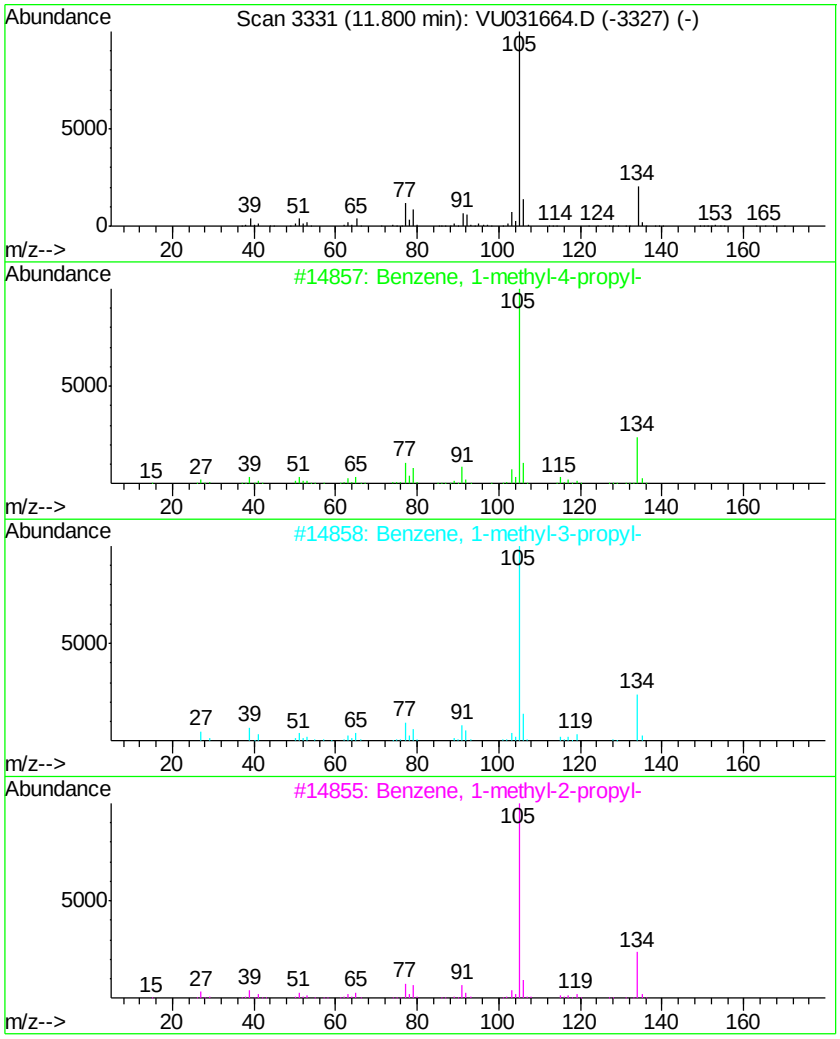
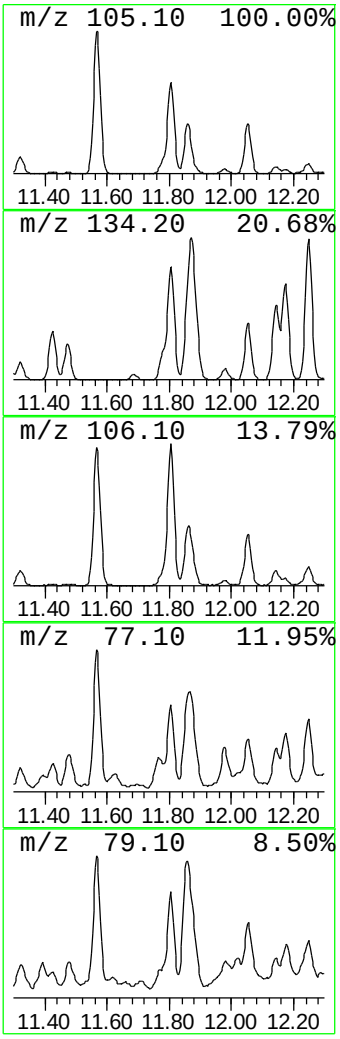
Peak Number 36 Benzene, 1-methyl-4-propyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	31.17 ug/L	1711520	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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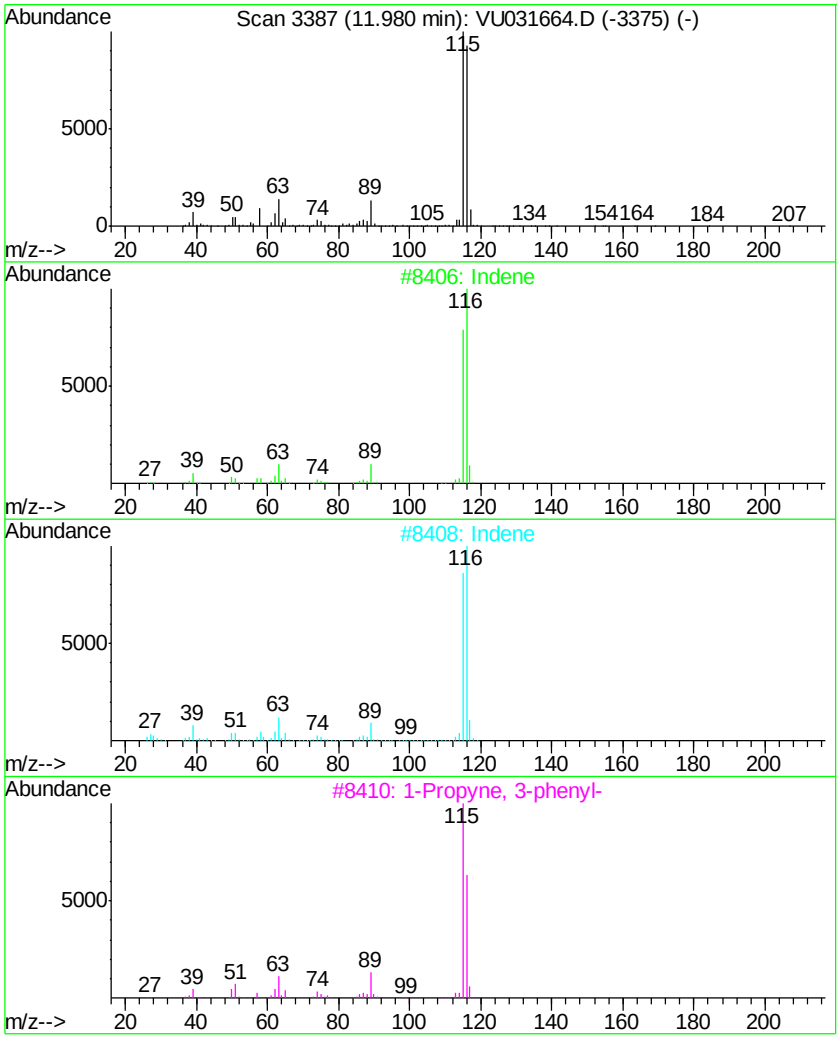
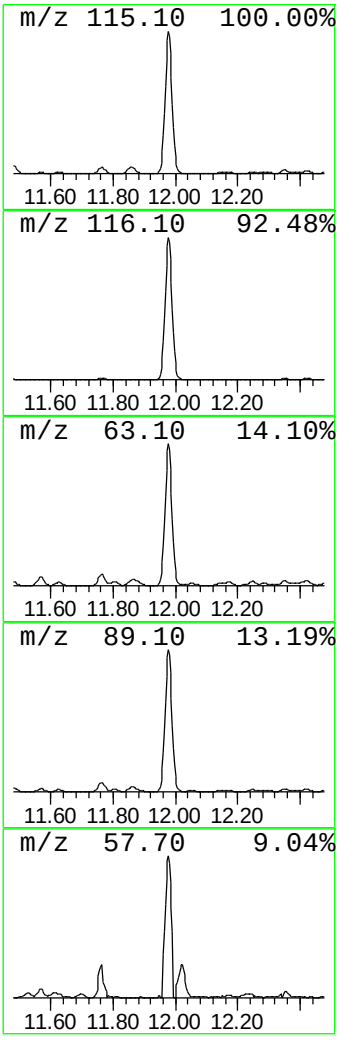
Peak Number 37 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	328.40 ug/L	18029700	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
4	Indene	116	C9H8	000095-13-6	94
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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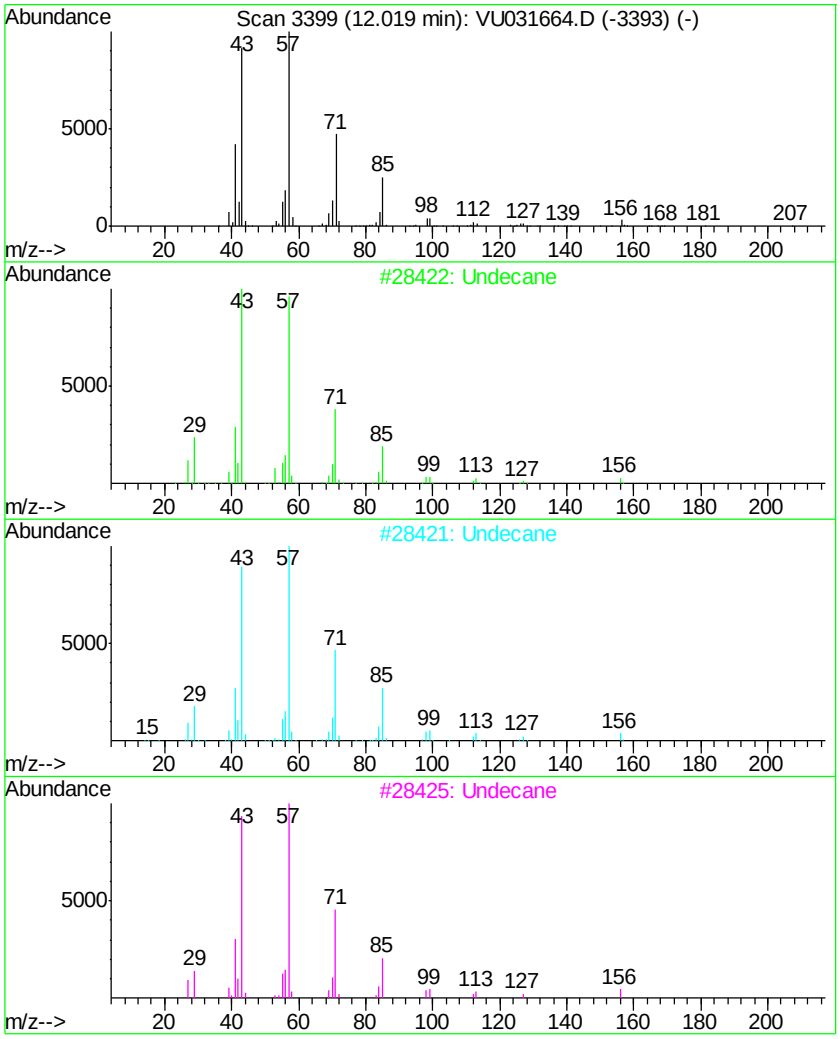
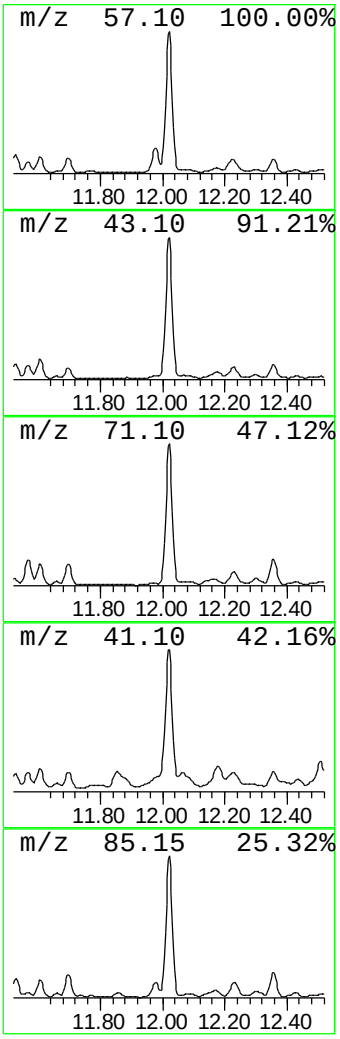
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	200.13 ug/L	10987500	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	91
3	Undecane	156	C11H24	001120-21-4	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tridecane	184	C13H28	000629-50-5	78





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

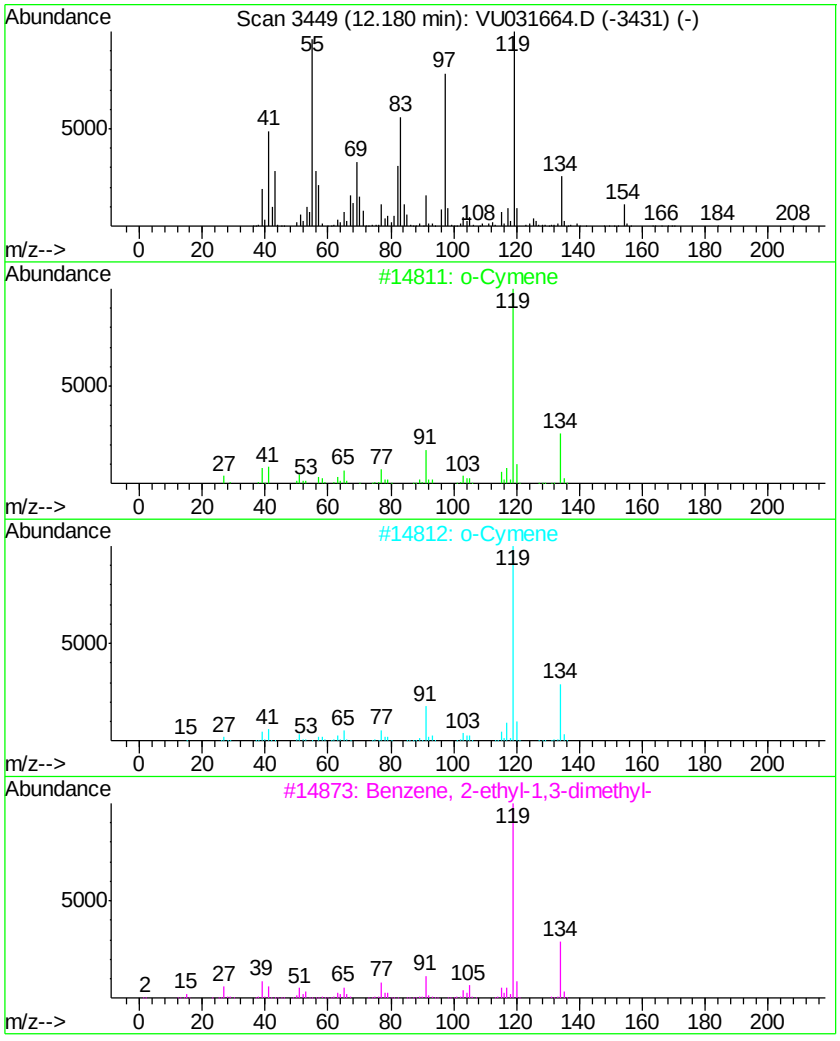
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

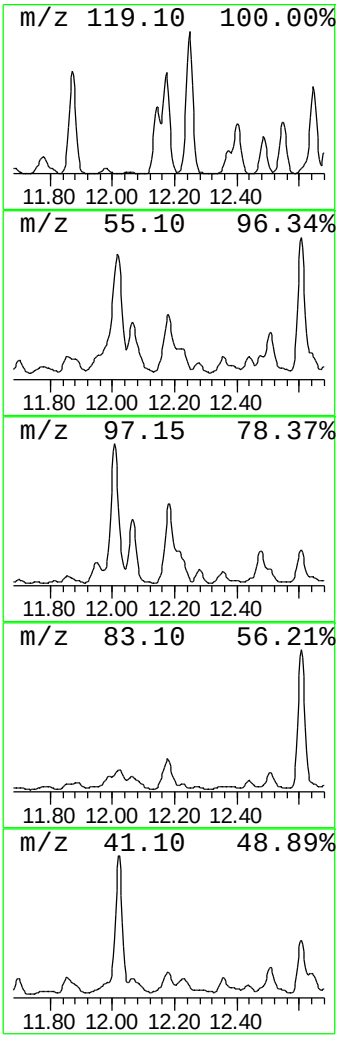
****

Peak Number 39 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	86.71 ug/L	4760790	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	89
2	o-Cymene	134	C10H14	000527-84-4	86
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80
4	o-Cymene	134	C10H14	000527-84-4	60
5	p-Cymene	134	C10H14	000099-87-6	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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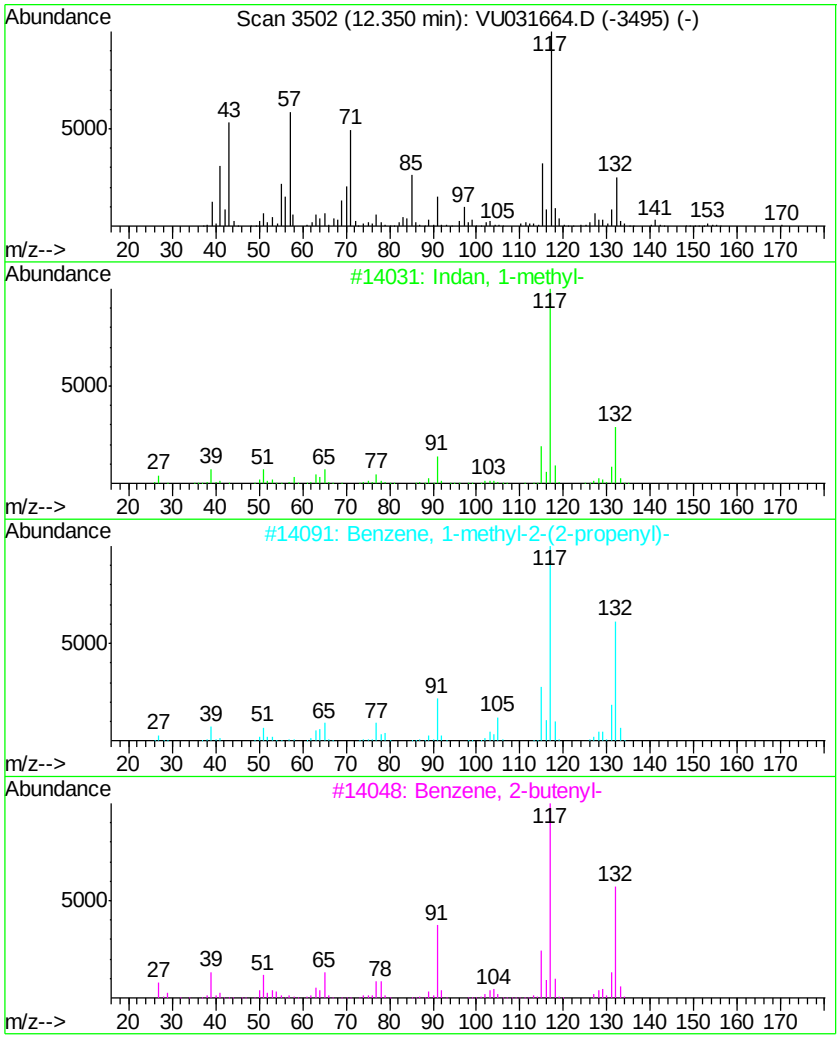
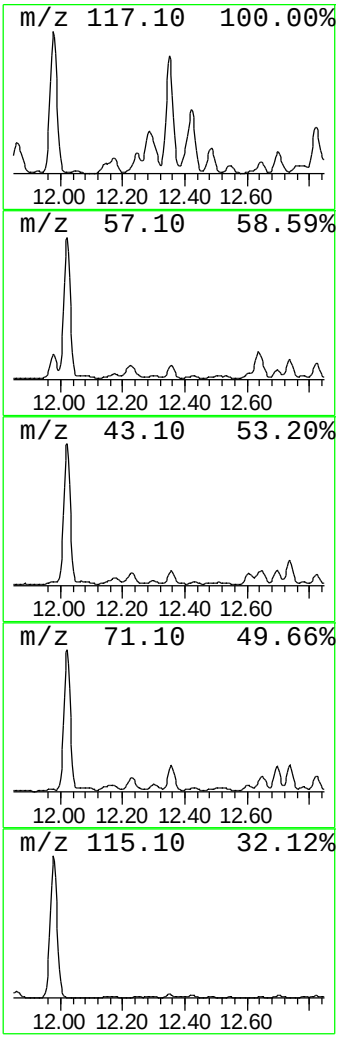
Peak Number 40 Indan, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	50.36 ug/L	2764670	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	55
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	53
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	53
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	53
5	Indan, 1-methyl-	132	C10H12	000767-58-8	50





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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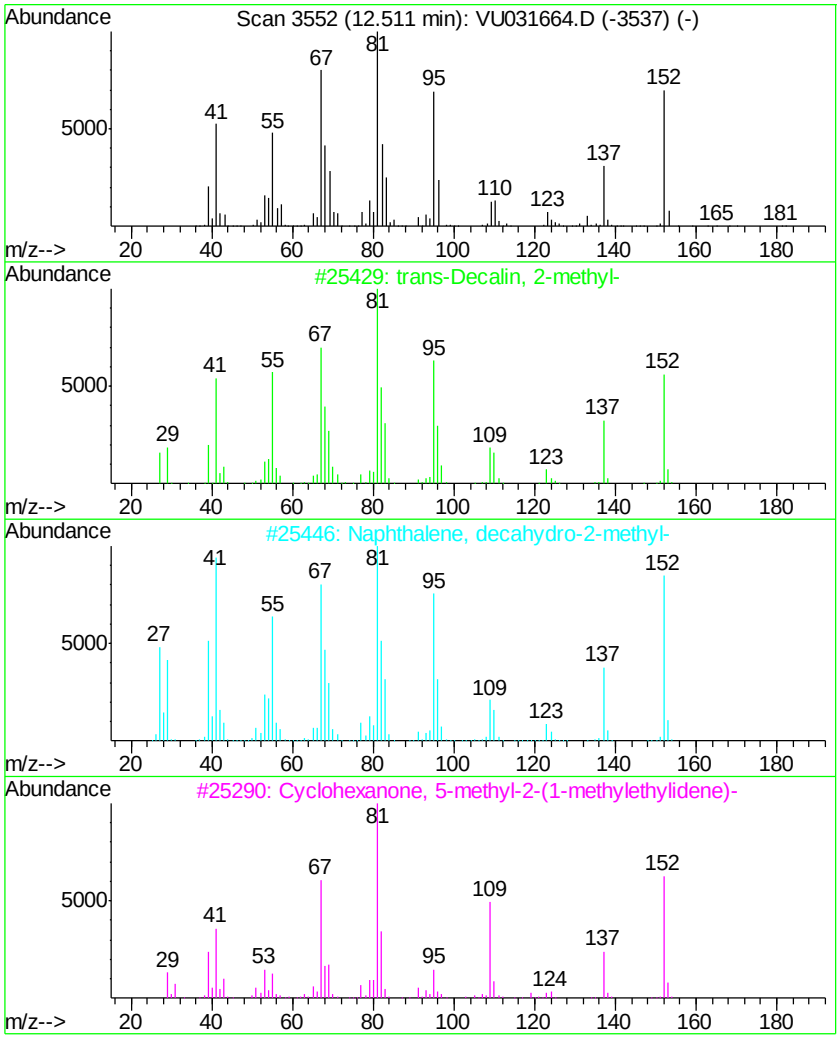
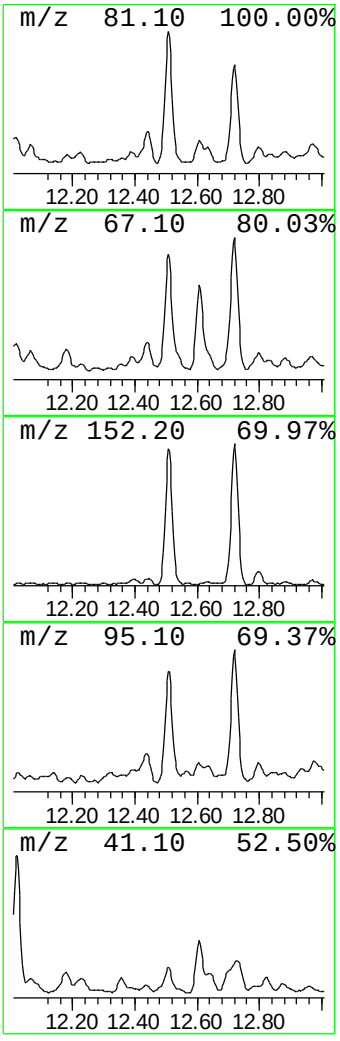
Peak Number 41 trans-Decalin, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	80.11 ug/L	4398200	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76
4	3-Dodecyne	166	C12H22	006790-27-8	76
5	6-Dodecyne	166	C12H22	006975-99-1	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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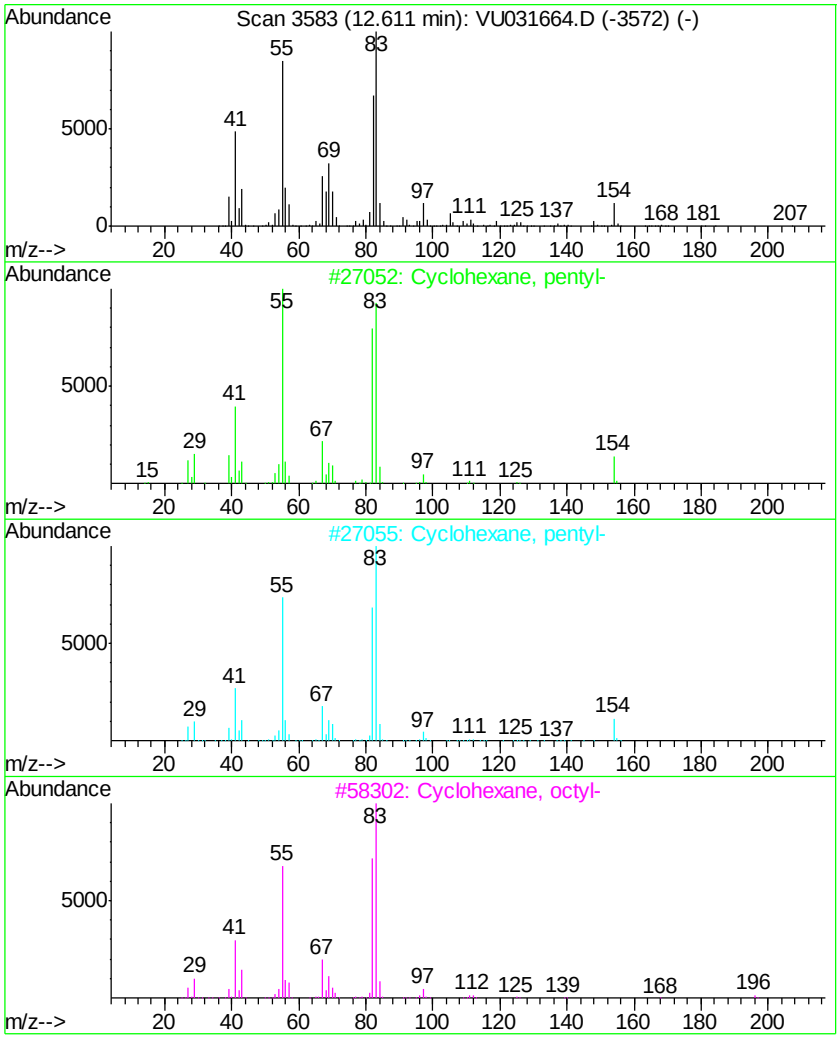
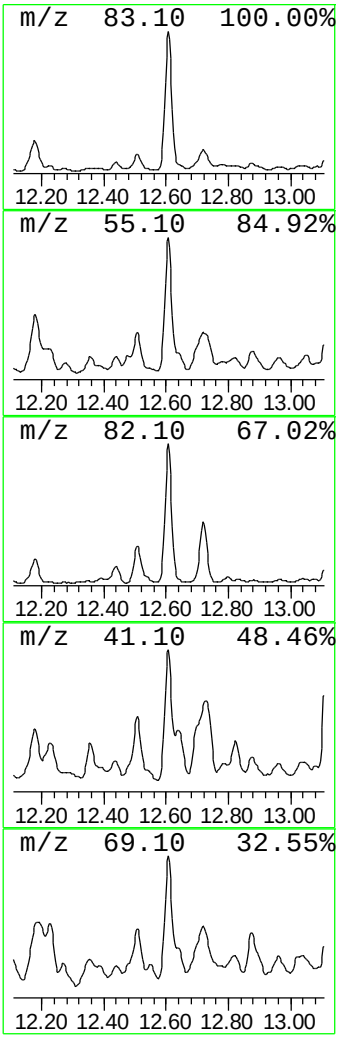
Peak Number 42 (DEL) Alkane: Cyclic12.61 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	113.20 ug/L	6215160	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

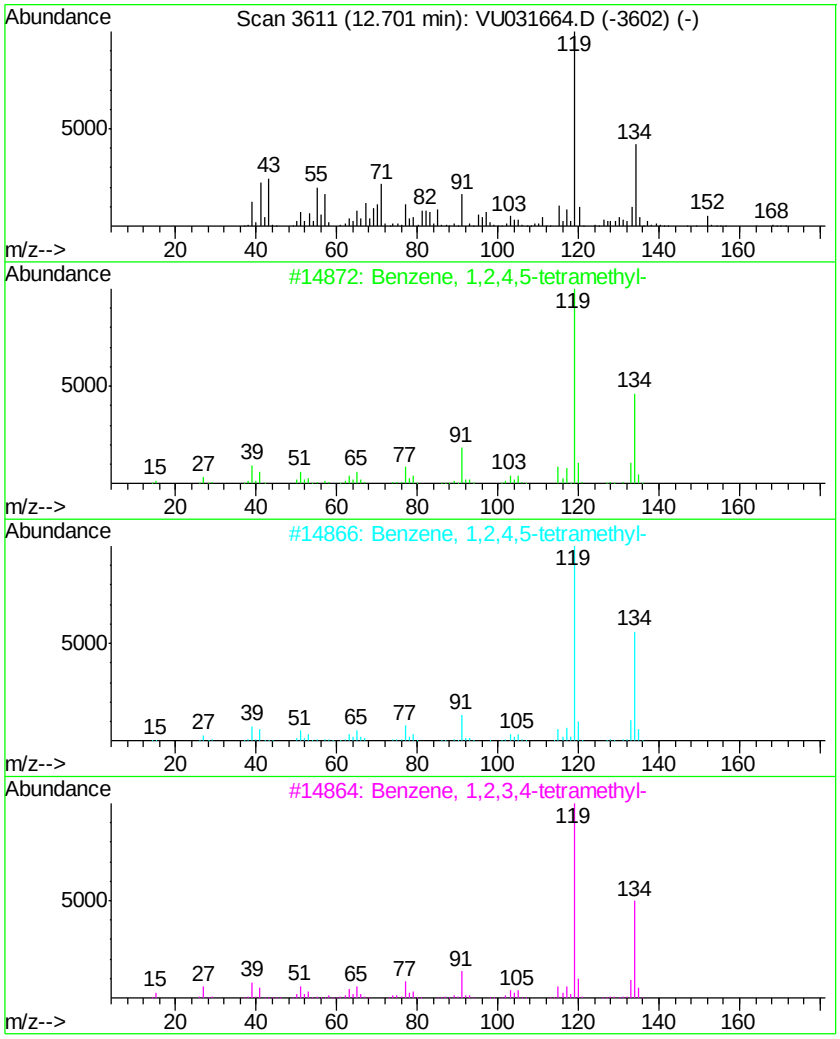
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

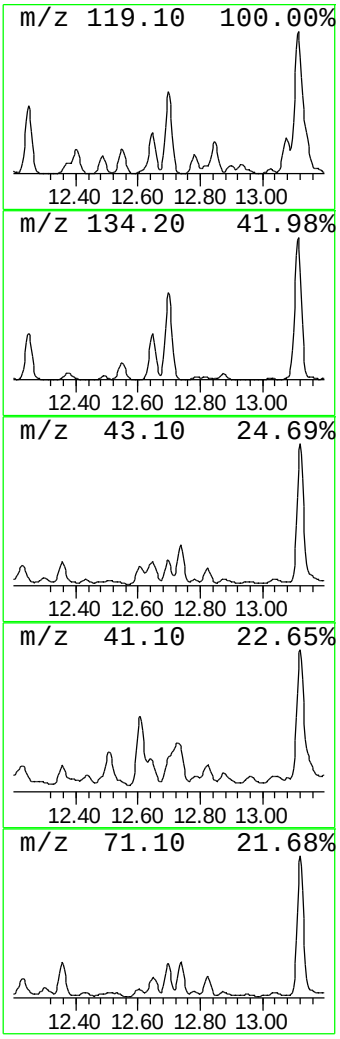
****

Peak Number 43 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	77.96 ug/L	4280420	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Library Search Compound Report

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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

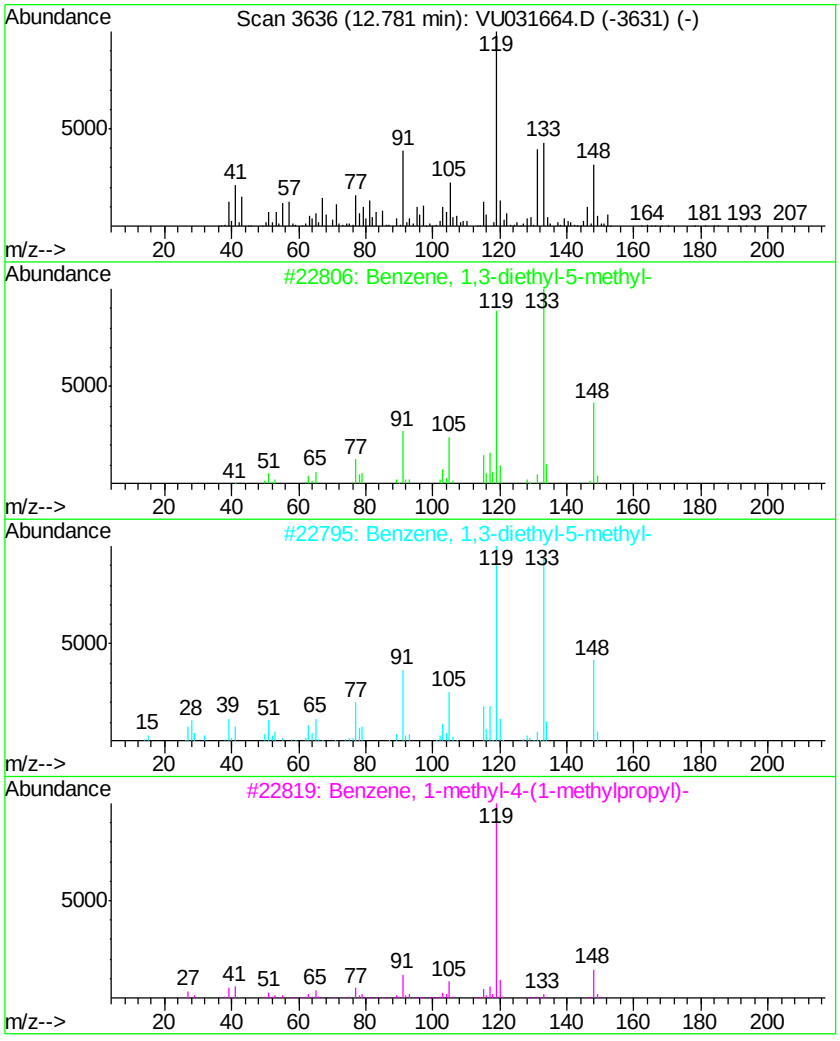
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

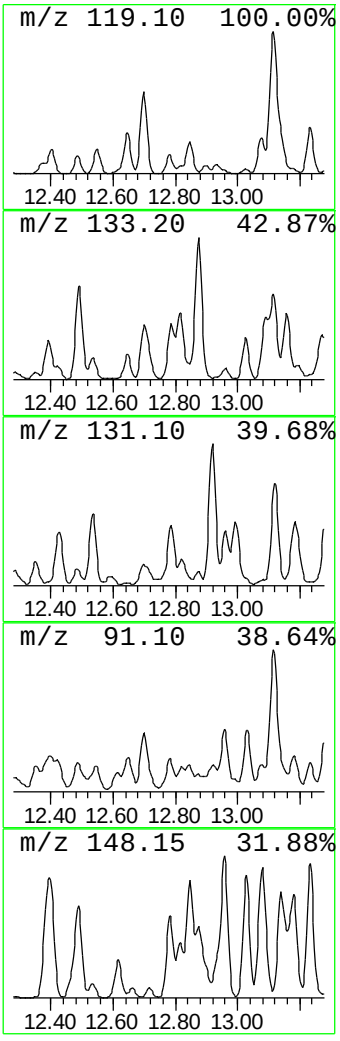
****

Peak Number 44 unknown-02 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	17.45 ug/L	958100	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	43
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	42
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	41





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

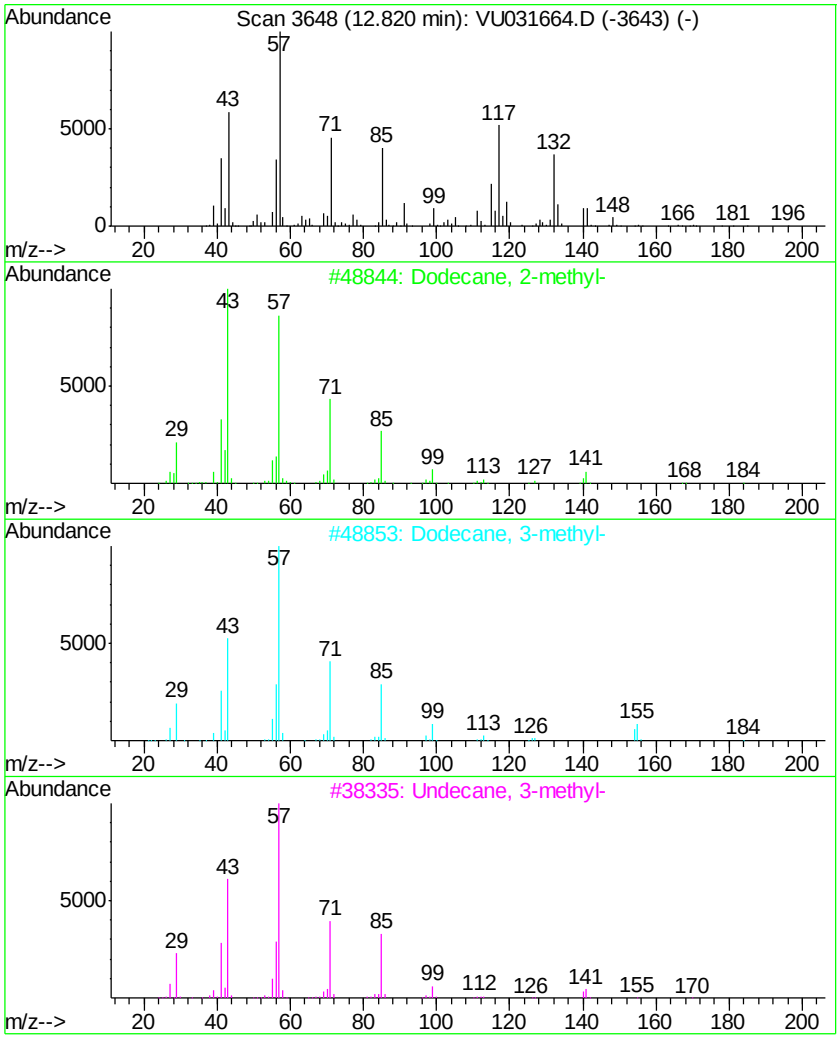
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

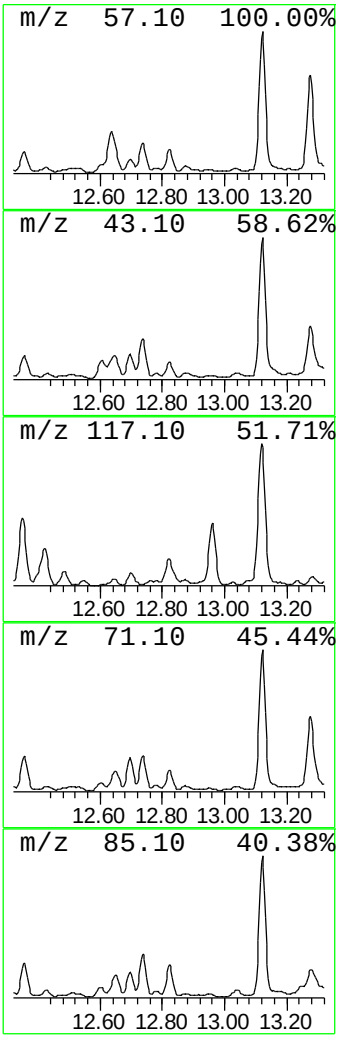
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	39.75 ug/L	2182350	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	47
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	47
4	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	47
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	38





Library Search Compound Report

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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

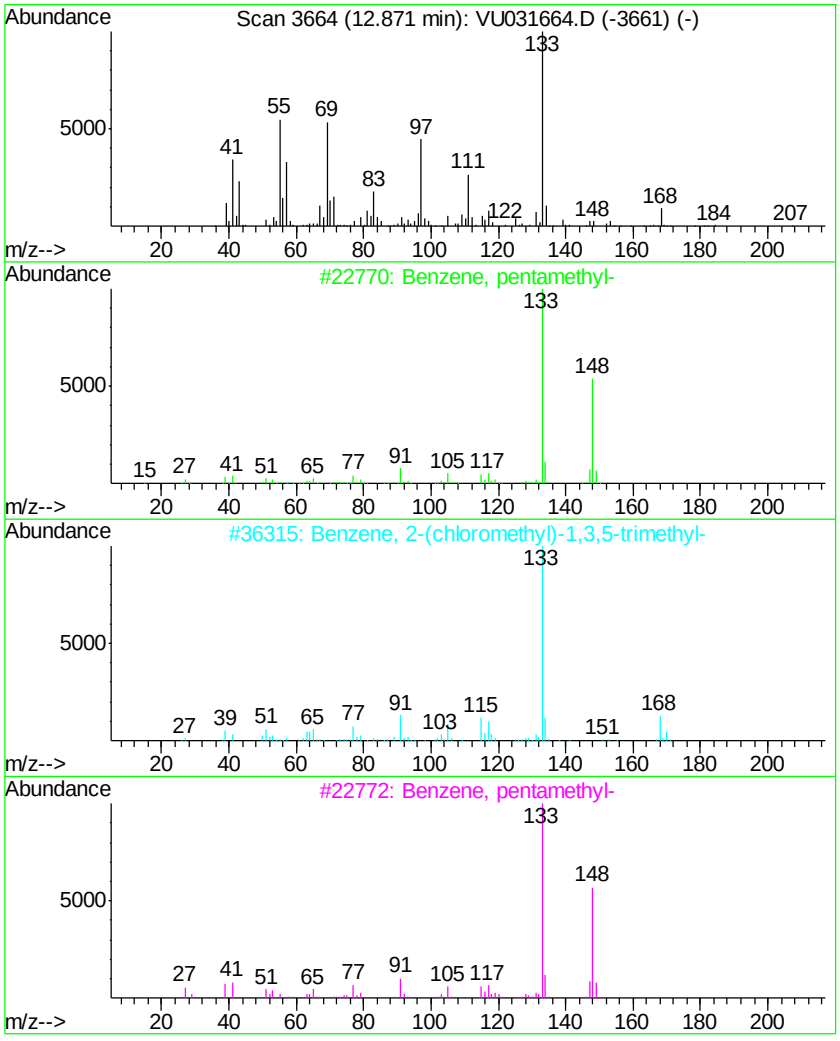
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

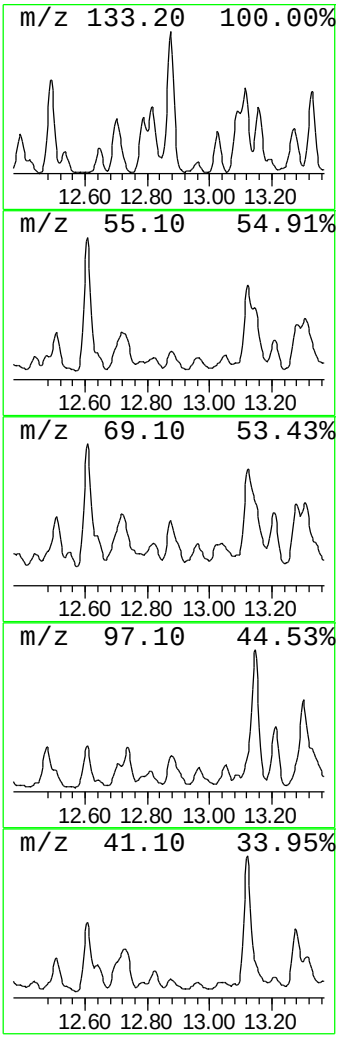
****

Peak Number 46 unknown-03 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	14.10 ug/L	774270	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	43
2	Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	38
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	38
4	Malonic acid, 10-chlorodecyl eth...	306	C15H27ClO4	1000349-03-8	35
5	1,2-Benzenediol, o-(2-bromopropi...	376	C18H17BrO4	1000325-97-0	35





Library Search Compound Report

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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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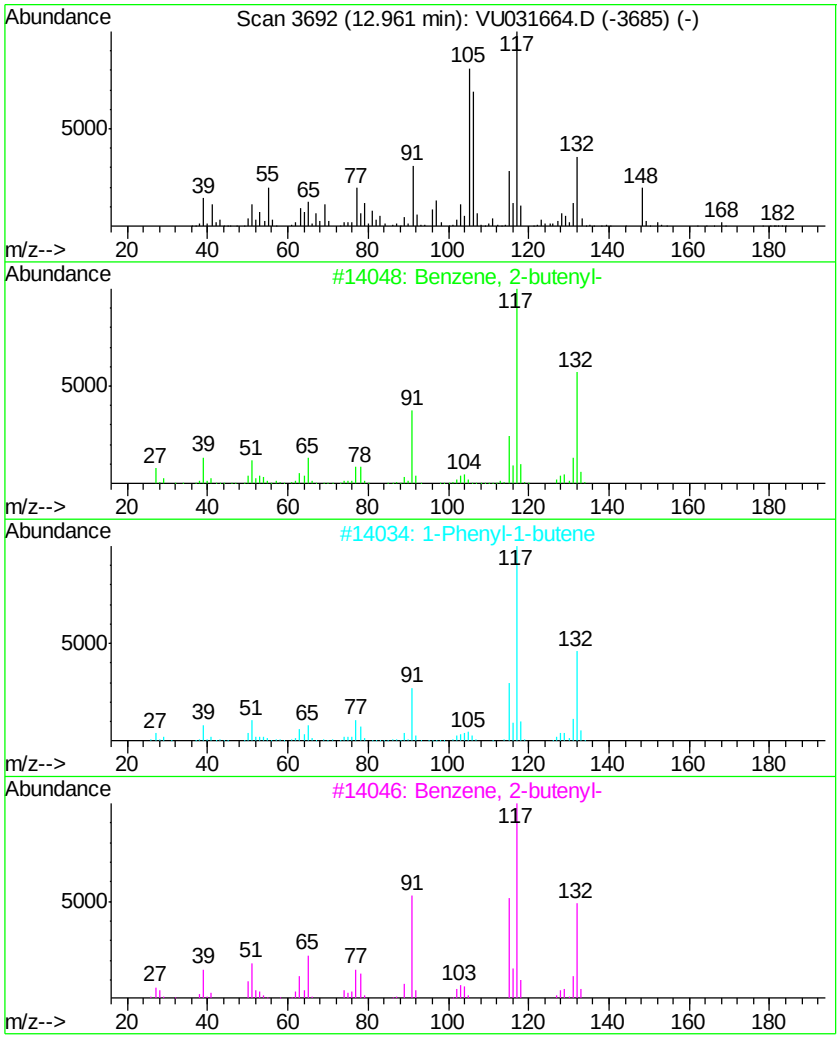
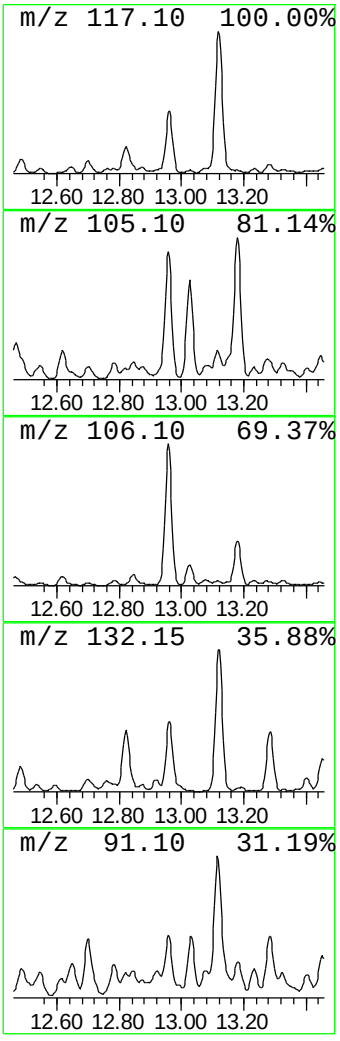
Peak Number 47 Benzene, 2-butenyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	48.96 ug/L	2688250	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	89
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

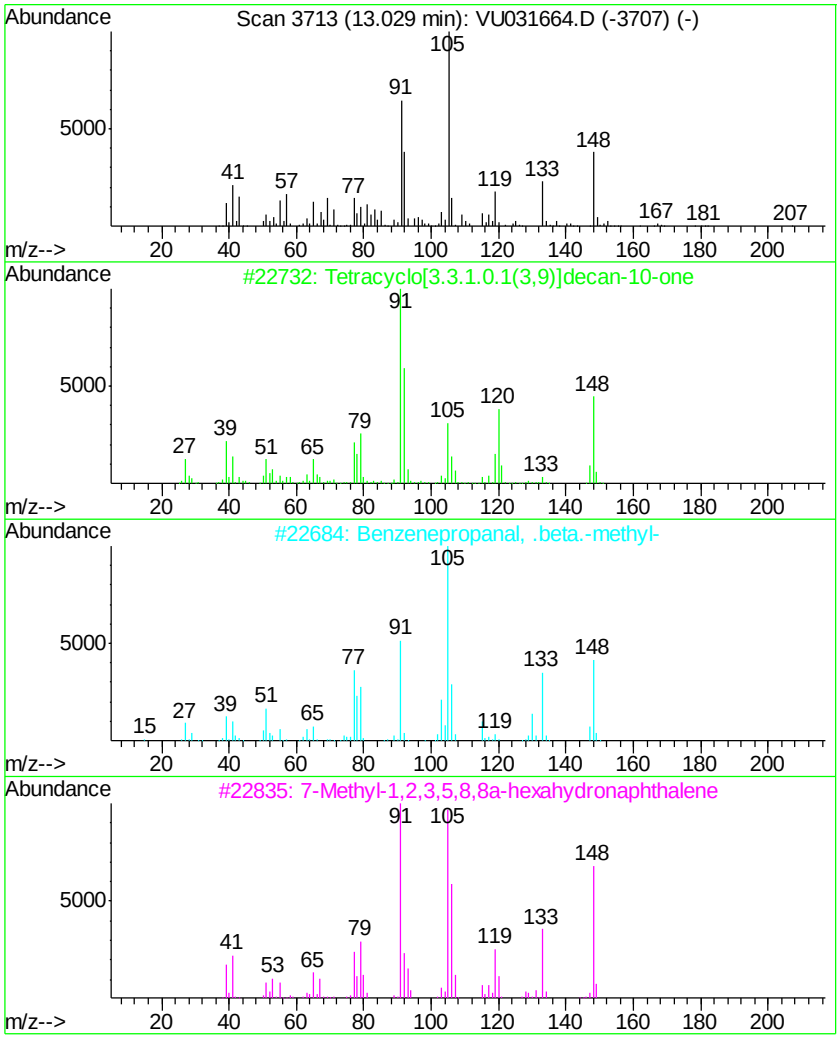
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

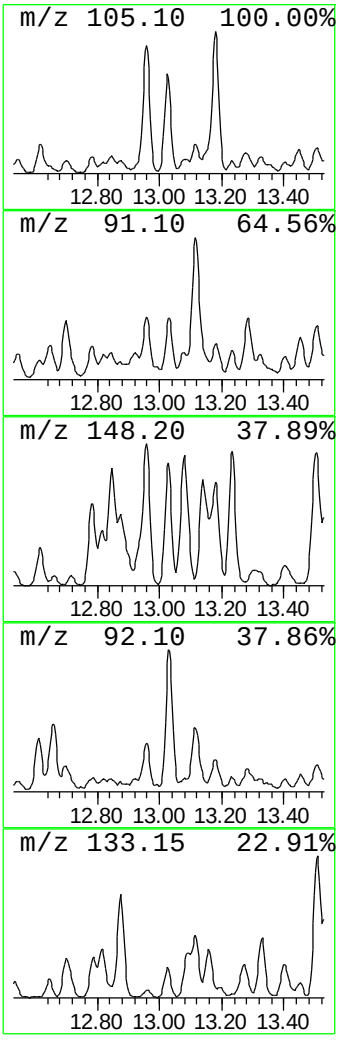
****

Peak Number 48 Tetracyclo[3.3.1.0.1(3,9)]d... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	24.85 ug/L	1364390	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0.1(3,9)]decan-...	148	C10H12O	016492-06-1	64
2	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	52
3	7-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-88-5	47
4	7-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-88-5	47
5	Benzene, pentyl-	148	C11H16	000538-68-1	46





Library Search Compound Report

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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

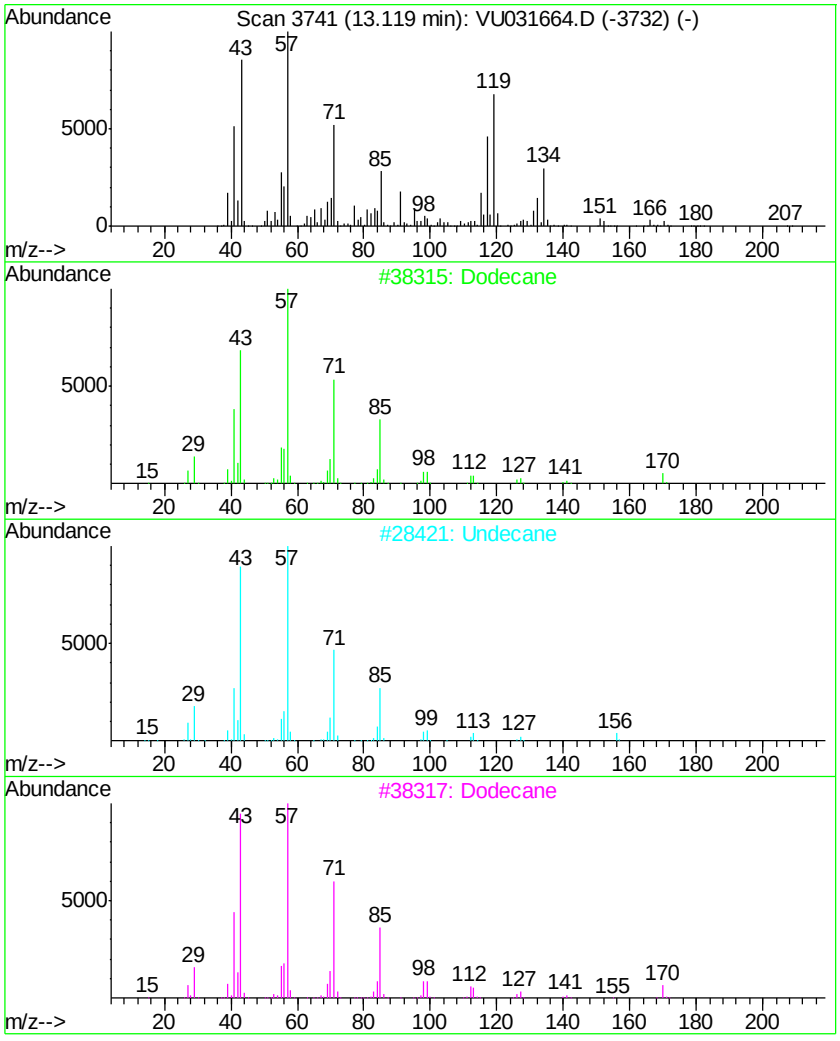
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

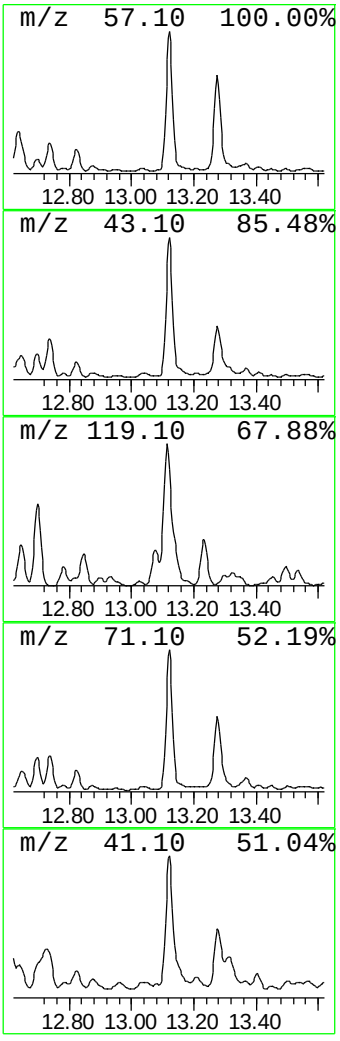
****

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	295.10 ug/L	16201700	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	86
2	Undecane	156	C11H24	001120-21-4	46
3	Dodecane	170	C12H26	000112-40-3	42
4	Dodecane	170	C12H26	000112-40-3	38
5	o-Cymene	134	C10H14	000527-84-4	35





Library Search Compound Report

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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

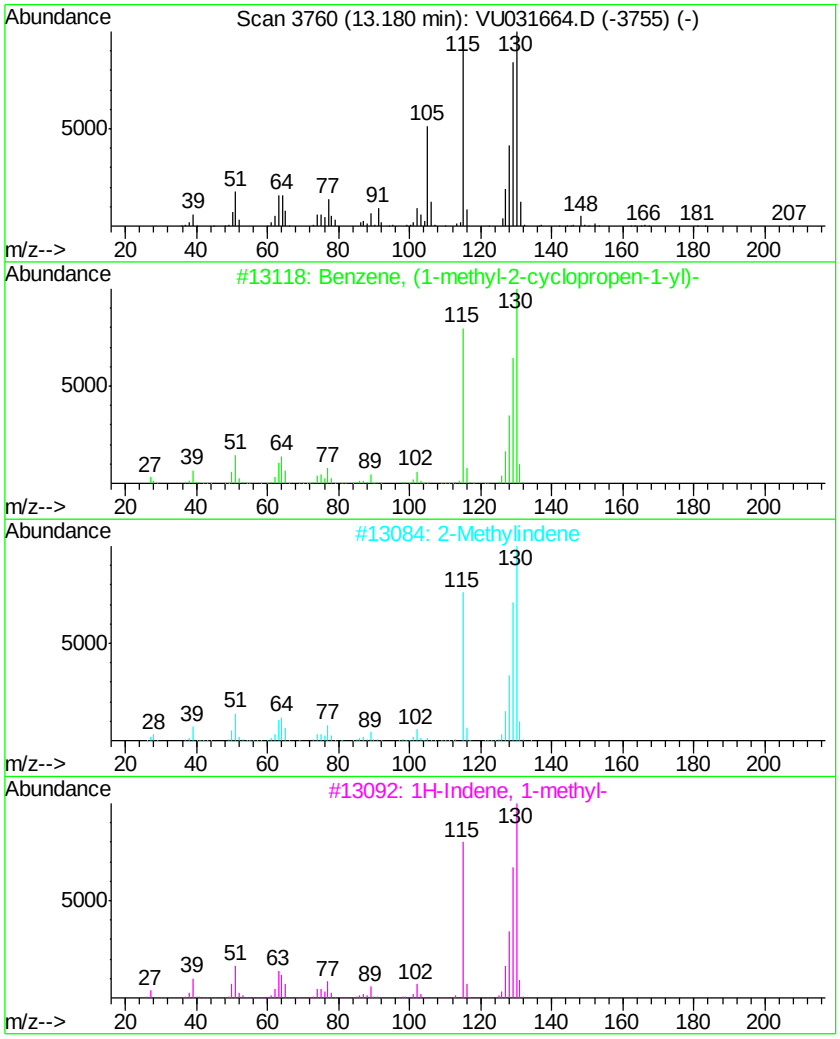
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

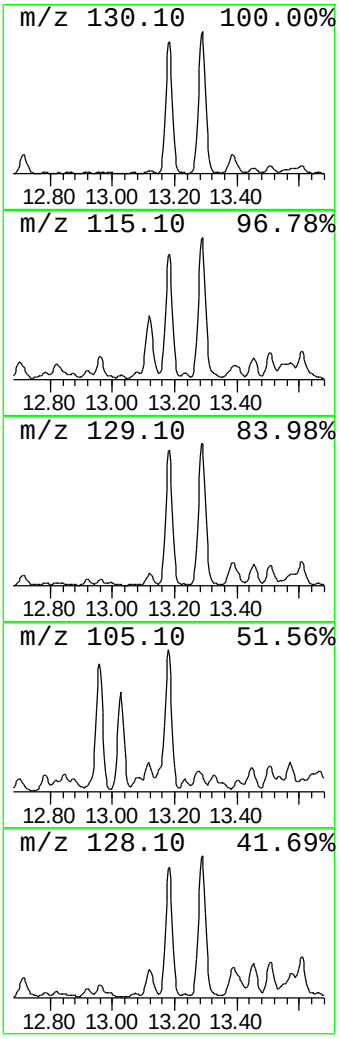
****

Peak Number 50 Benzene, (1-methyl-2-cyclop... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	62.63 ug/L	3438500	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

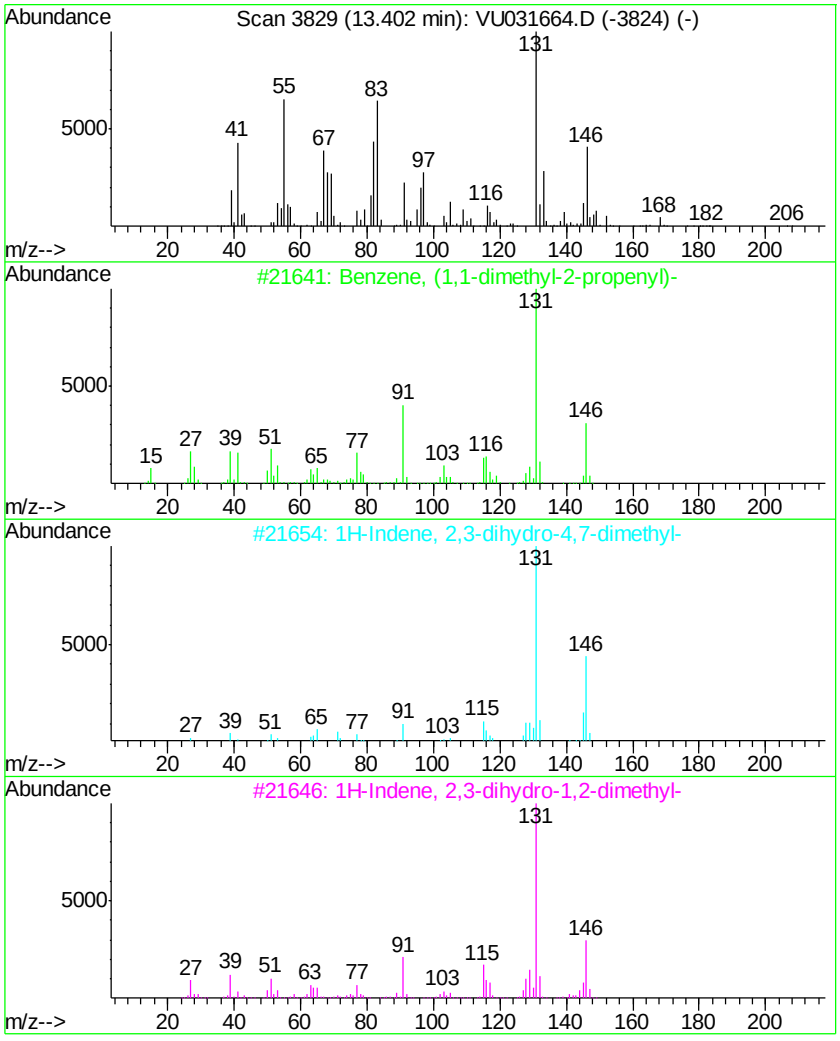
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

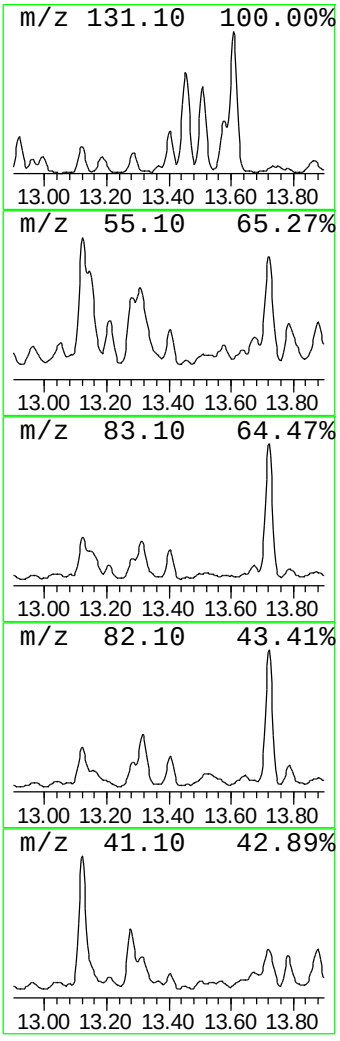
****

Peak Number 52 unknown-04 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	33.20 ug/L	1822810	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	38
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	30
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	30
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	30
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	30





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Data File : VU031664.D
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Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

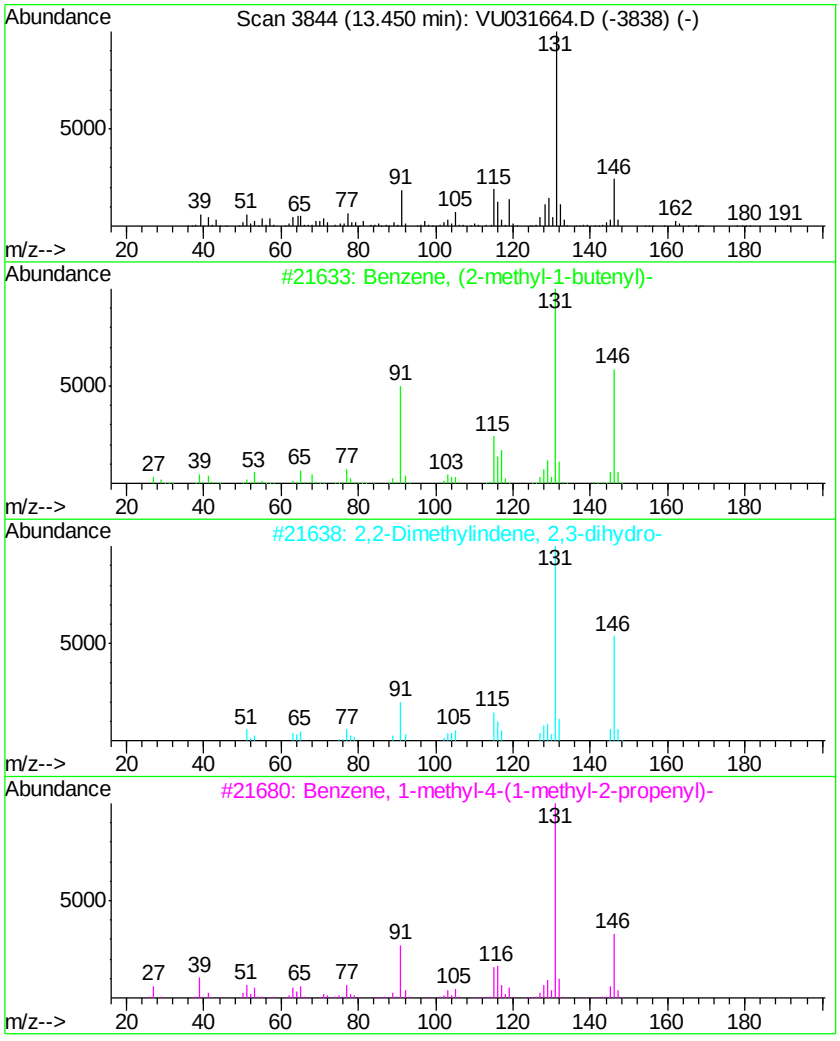
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

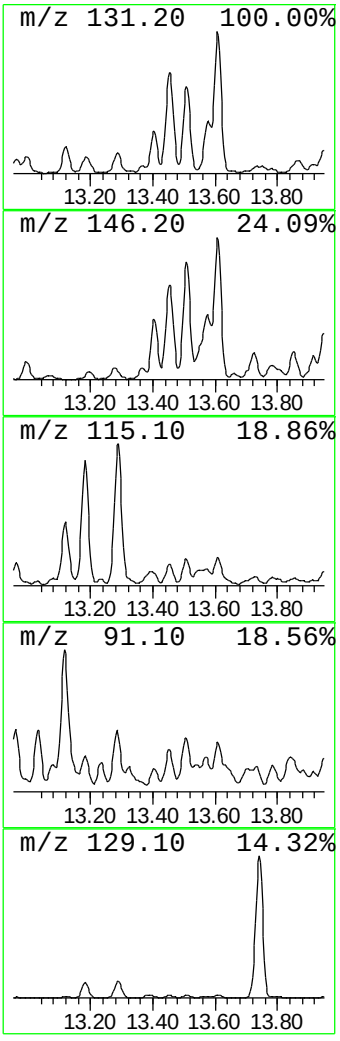
****

Peak Number 53 Benzene, (2-methyl-1-butenyl)- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	27.56 ug/L	1513120	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90





Library Search Compound Report

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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

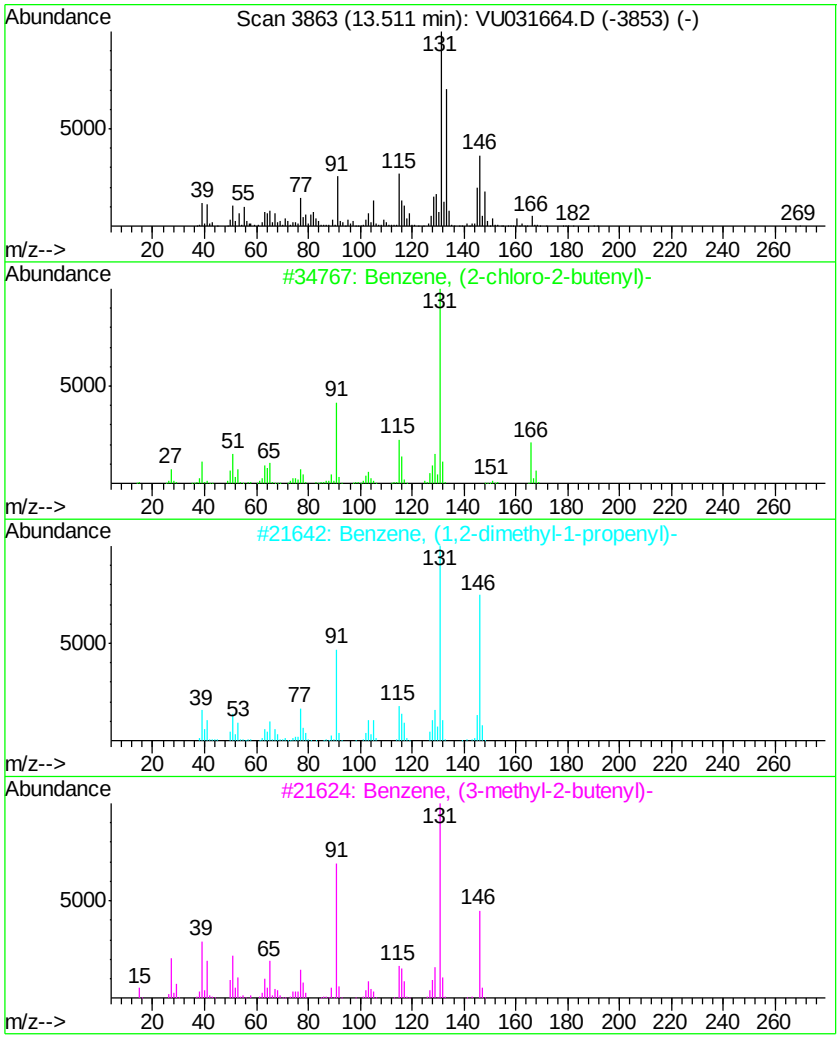
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

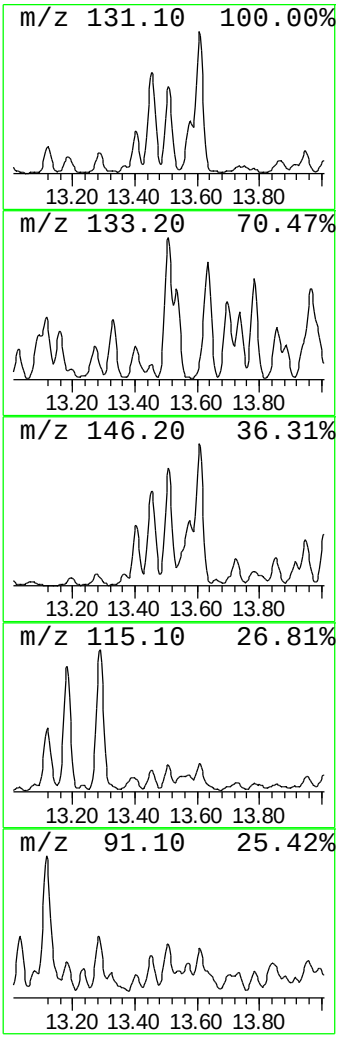
****

Peak Number 54 Benzene, (2-chloro-2-butenyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	54.75 ug/L	3005740	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	84
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	78
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	78
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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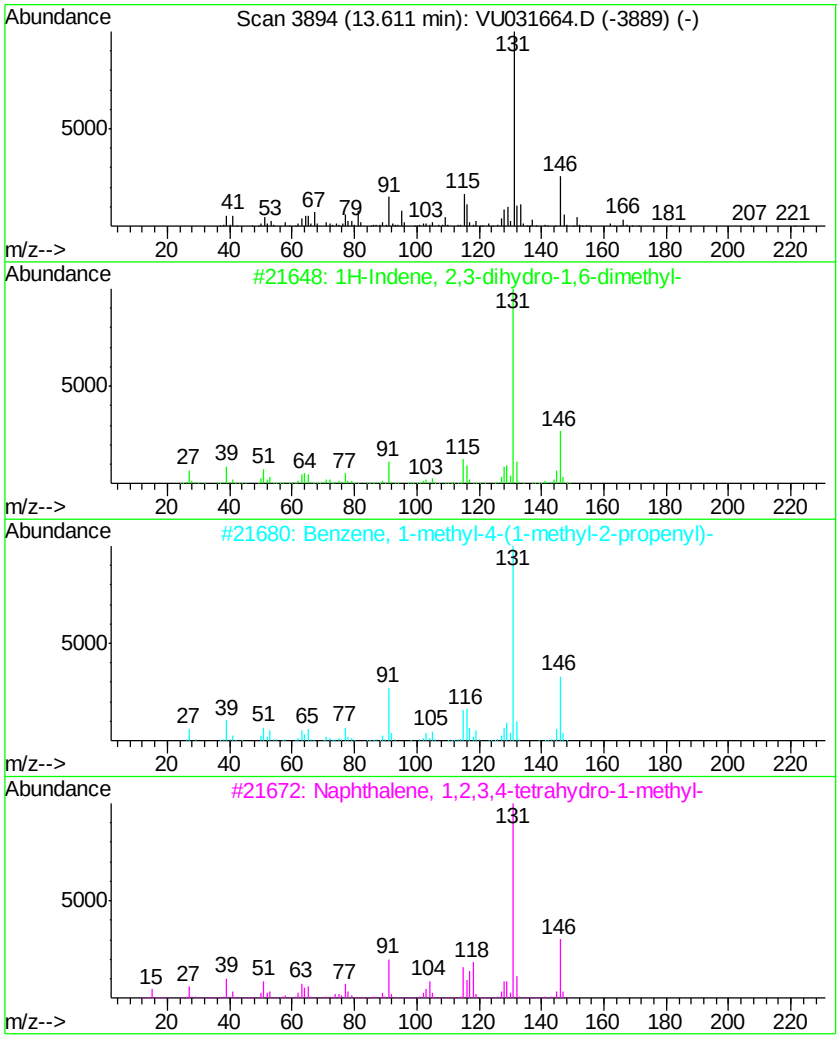
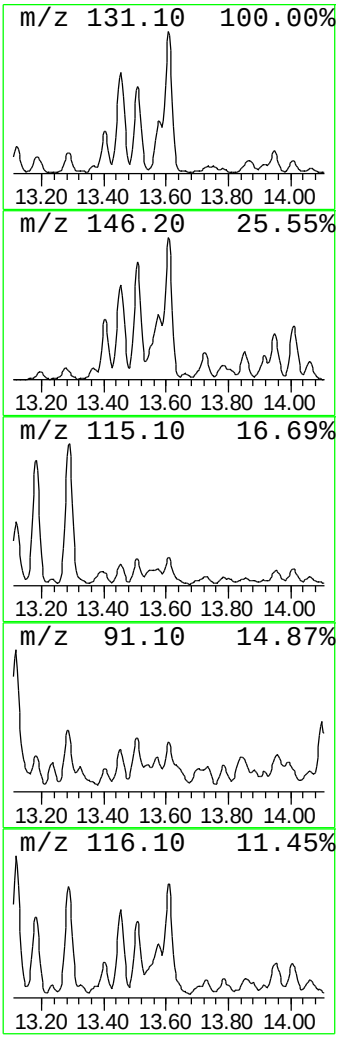
Peak Number 55 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	16.58 ug/L	910274	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	83





Library Search Compound Report

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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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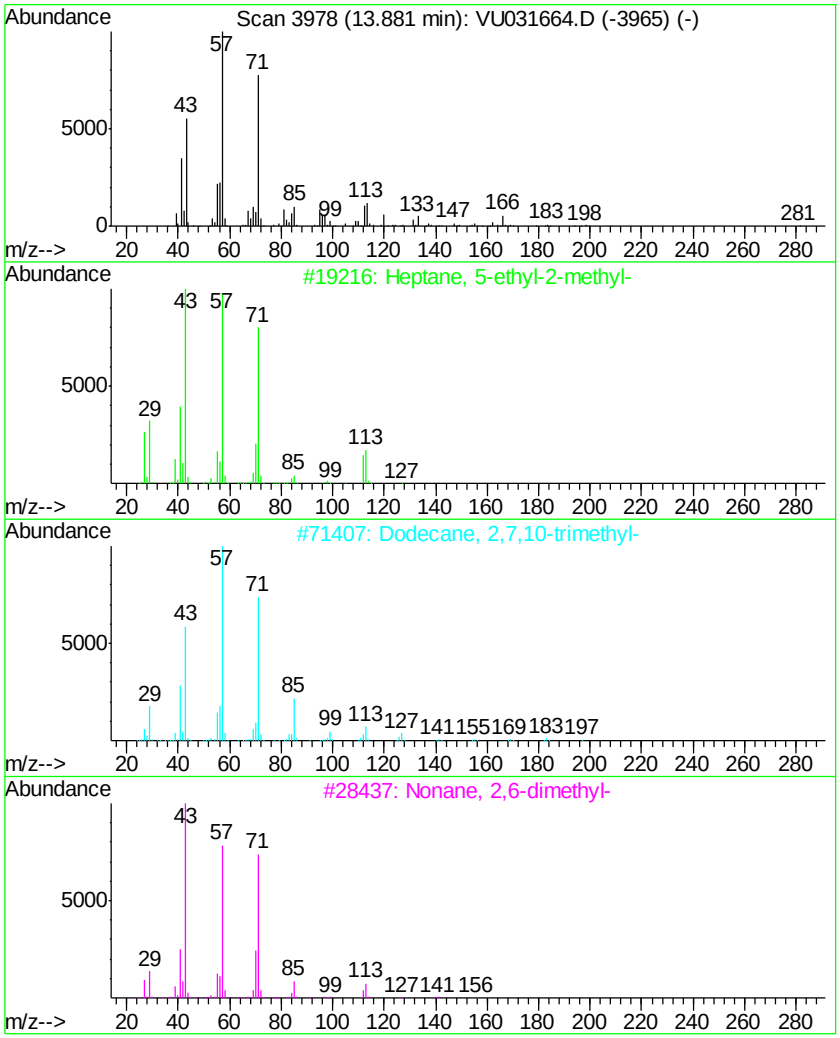
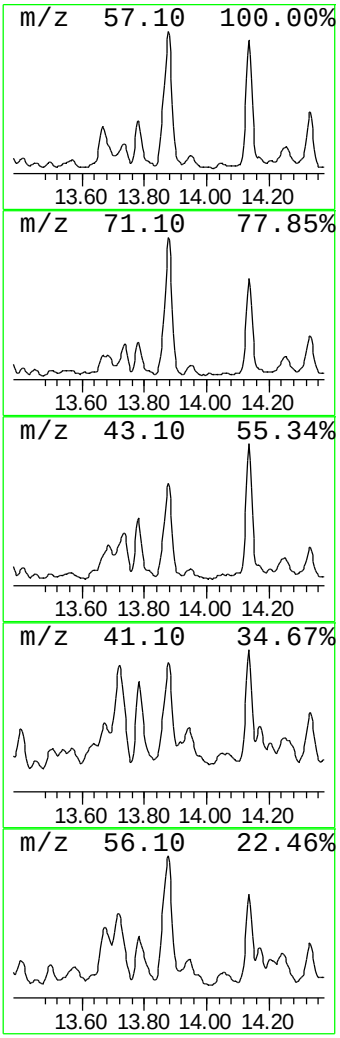
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	78.33 ug/L	4300520	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

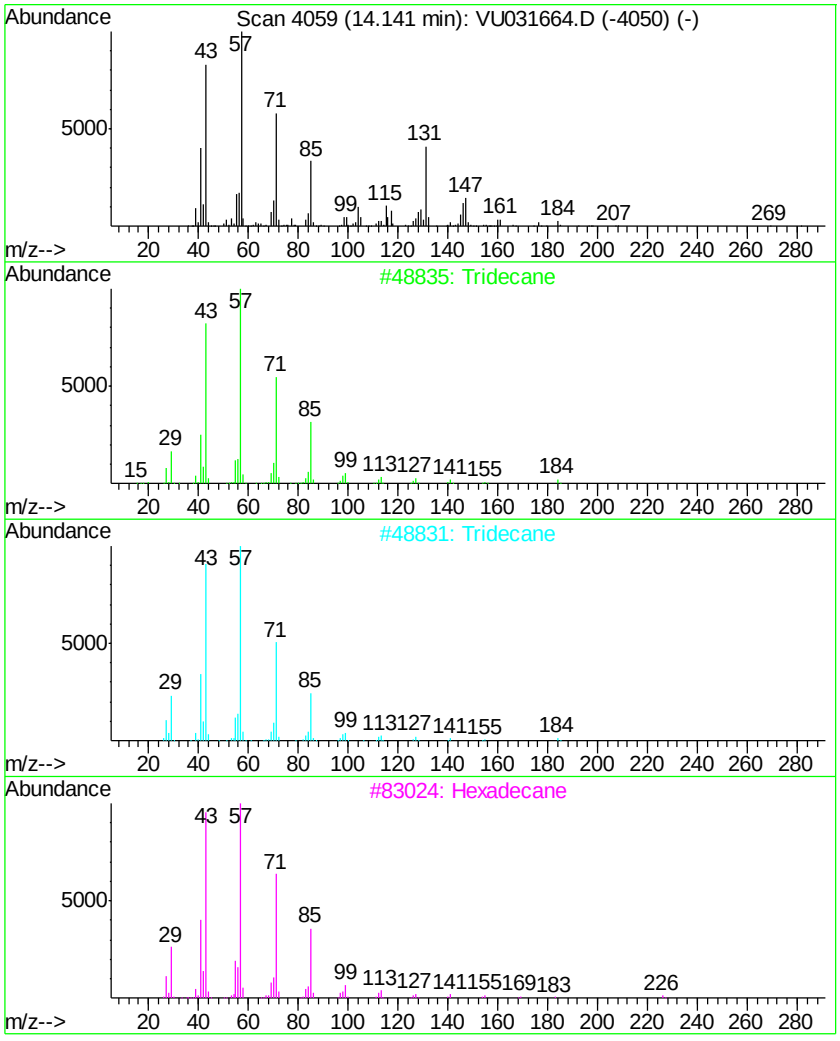
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

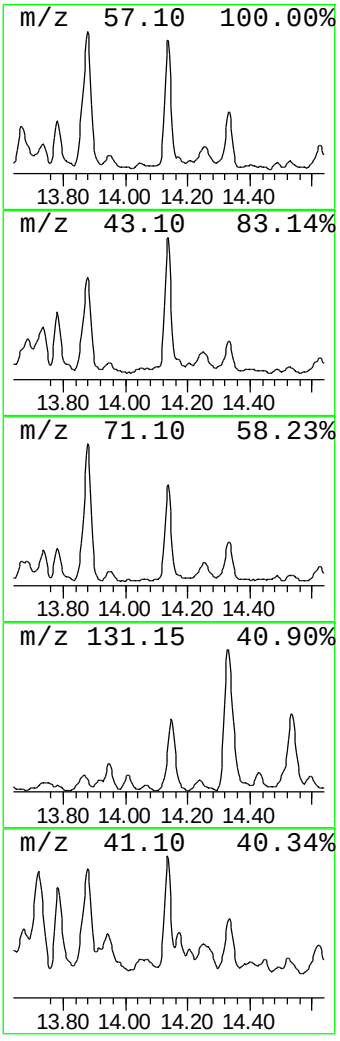
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	68.29 ug/L	3749280	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	95
3	Hexadecane	226	C16H34	000544-76-3	46
4	Undecane	156	C11H24	001120-21-4	46
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	46





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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

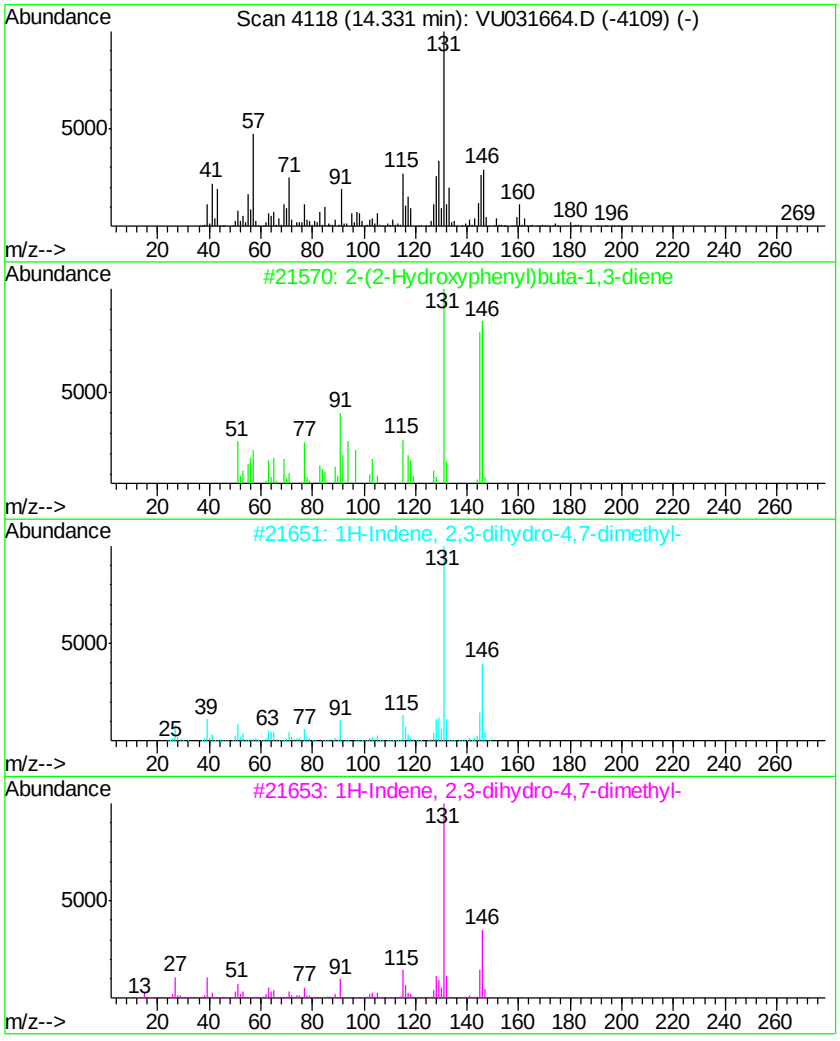
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

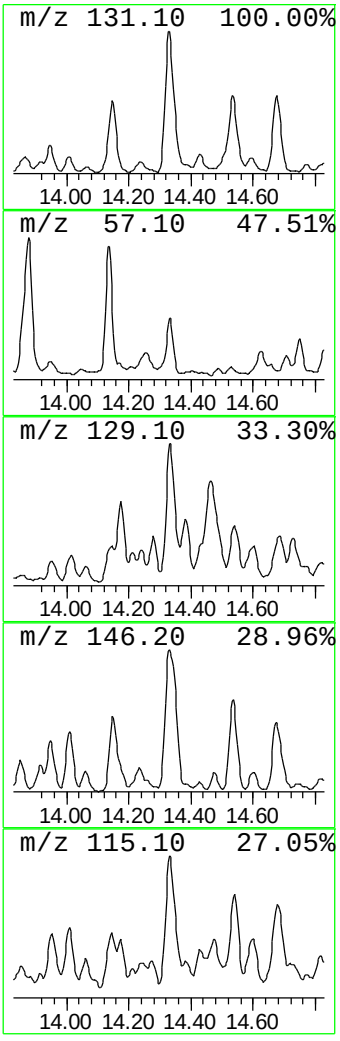
****

Peak Number 59 2-(2-Hydroxyphenyl)buta-1,3... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	101.22 ug/L	5556970	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	60
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	52
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	50





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Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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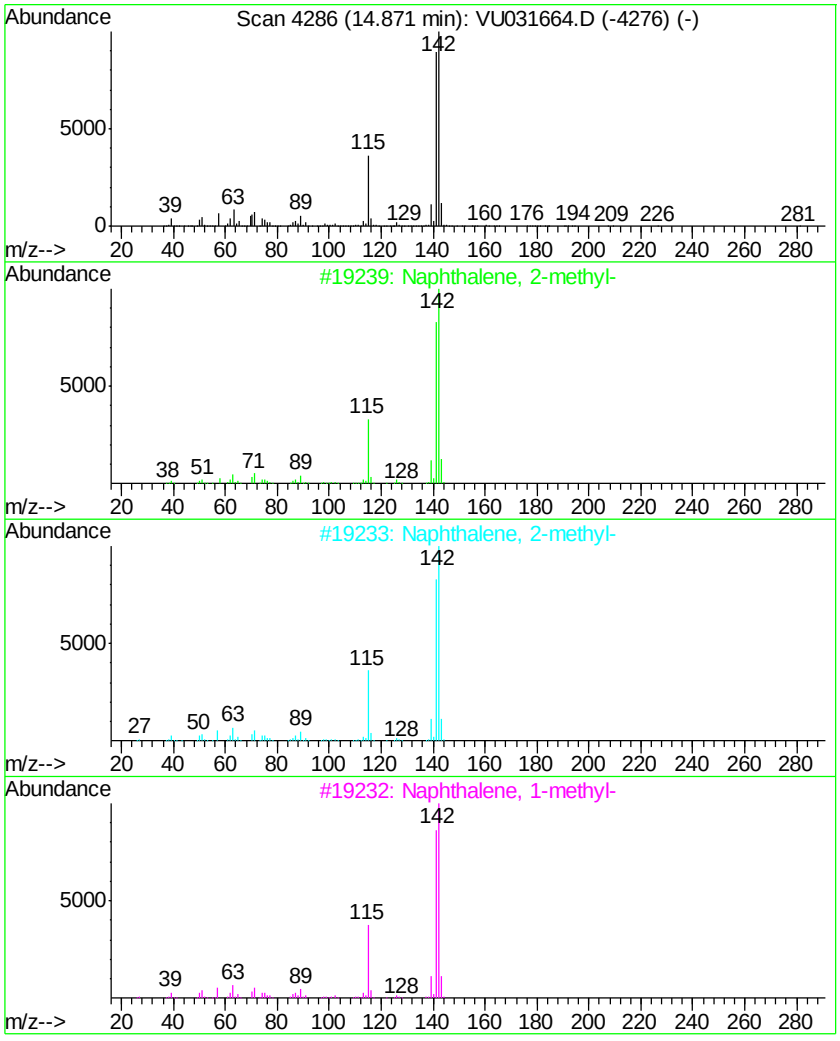
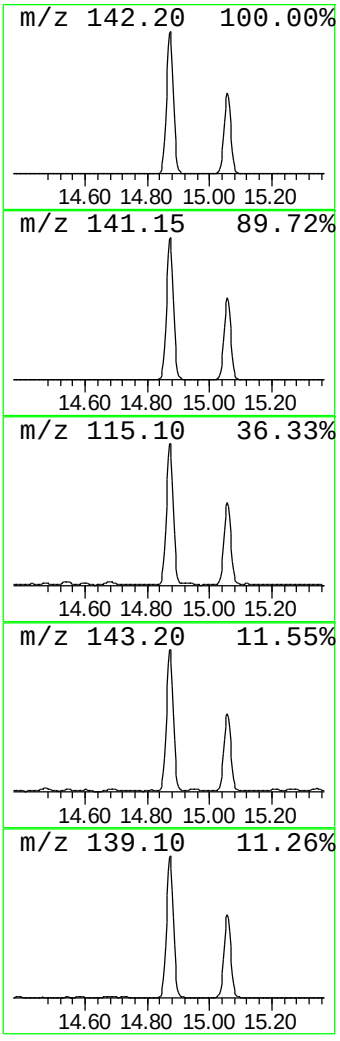
Peak Number 60 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	774.08 ug/L	42498400	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

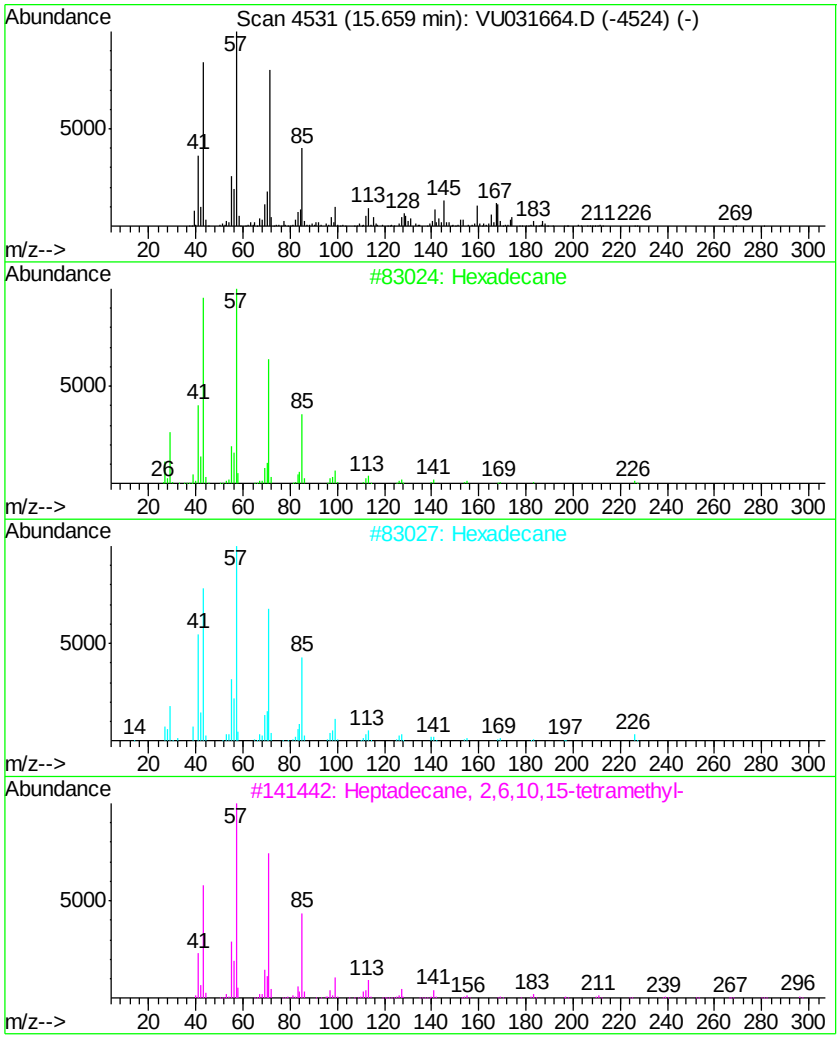
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

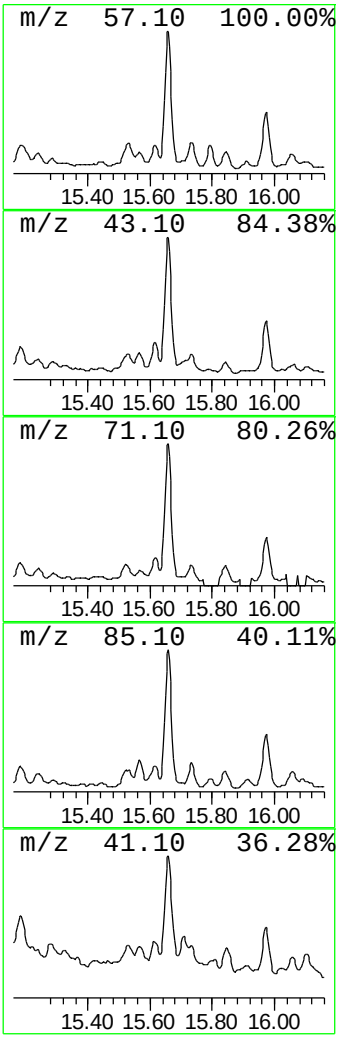
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	47.59 ug/L	2612600	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Hexadecane	226	C16H34	000544-76-3	74
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	70
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	68





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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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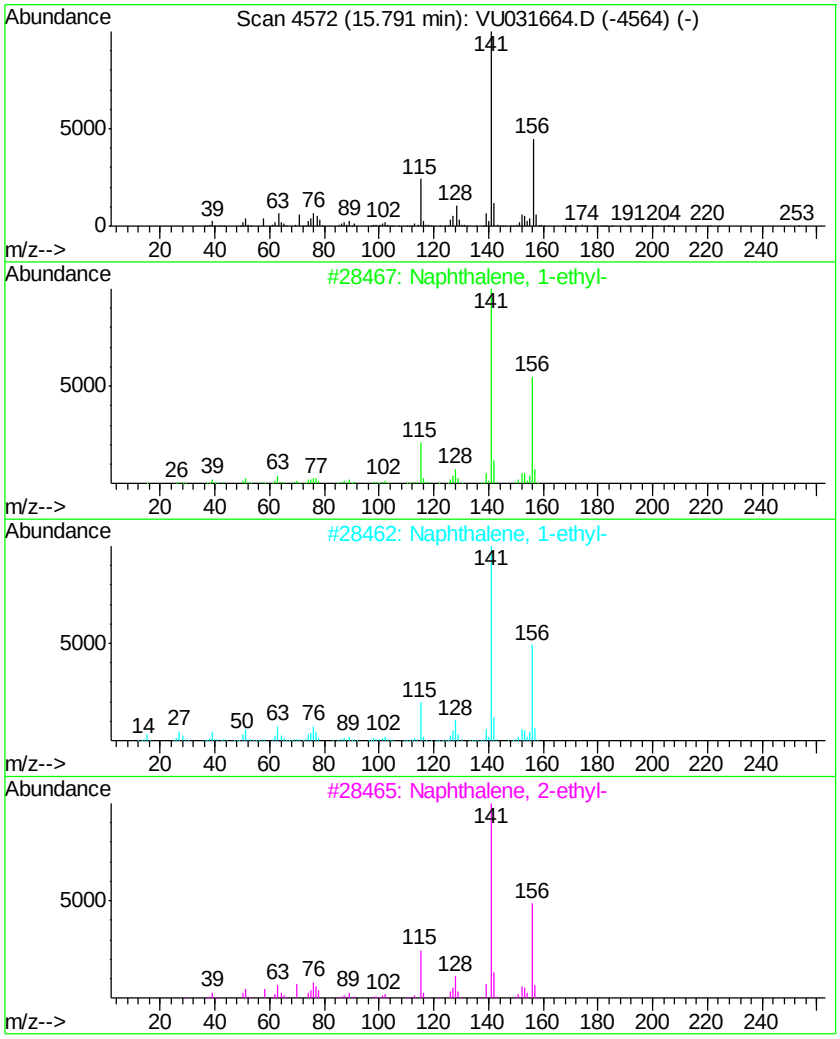
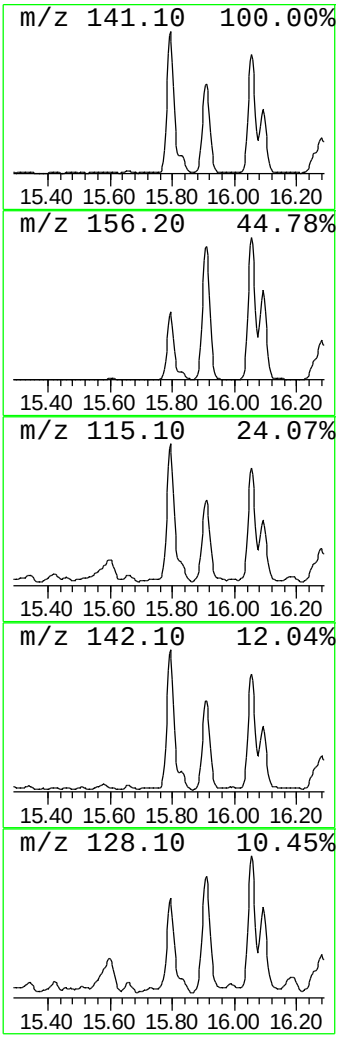
Peak Number 64 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	124.16 ug/L	6816830	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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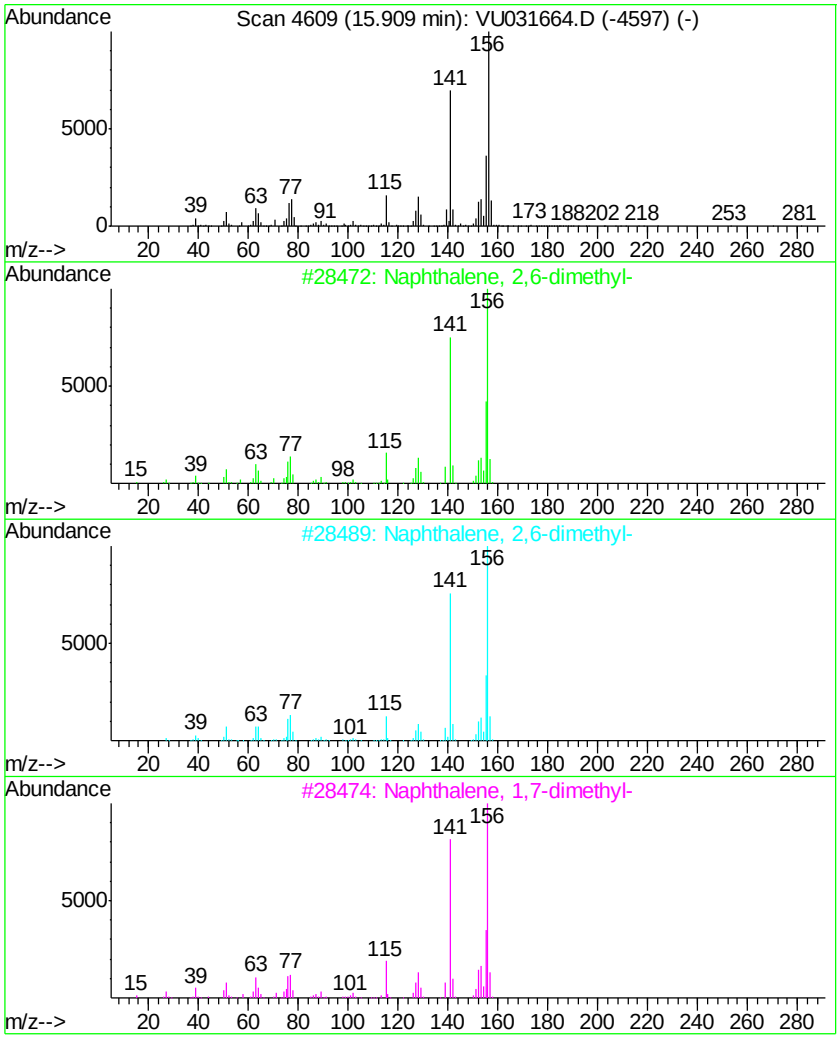
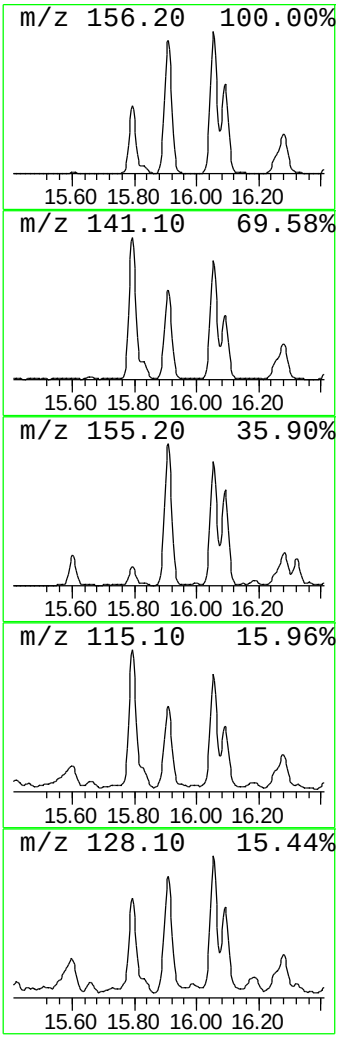
Peak Number 65 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	178.65 ug/L	9808030	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Library Search Compound Report

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Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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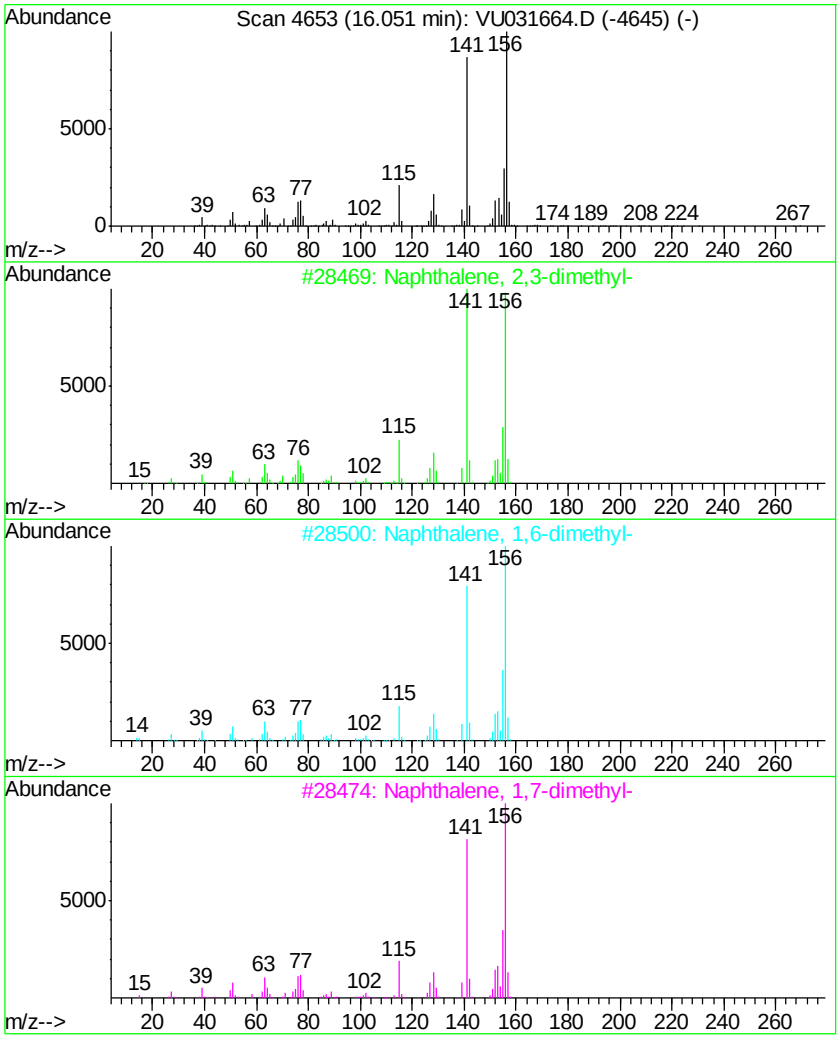
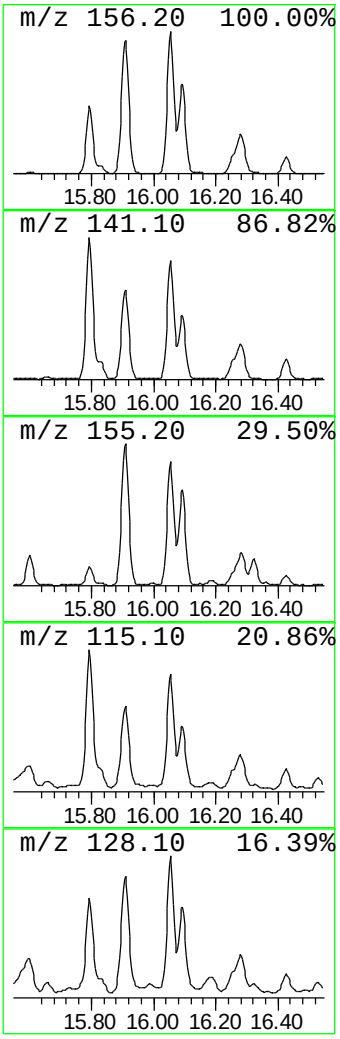
Peak Number 66 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	165.40 ug/L	9080830	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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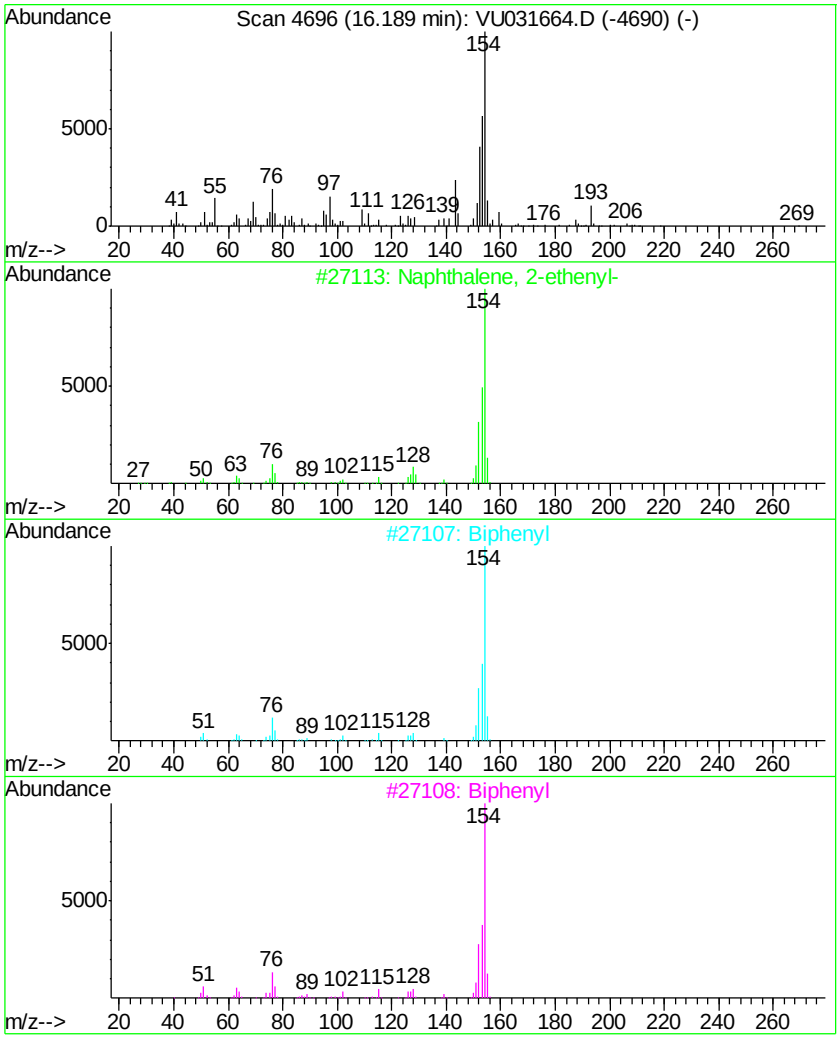
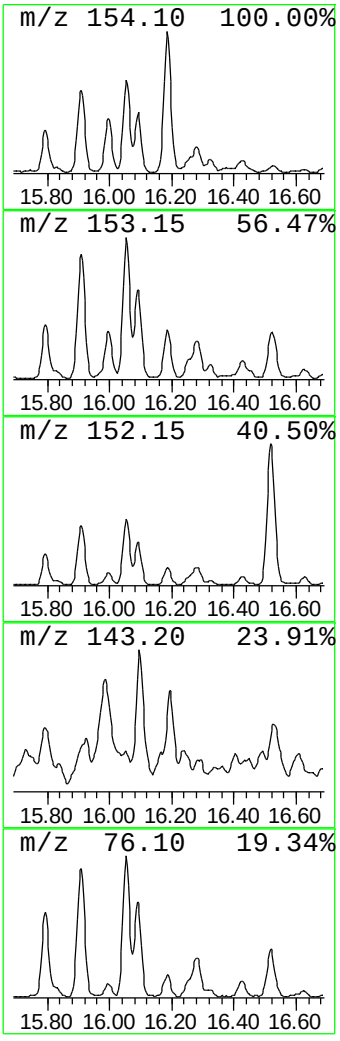
Peak Number 68 Naphthalene, 2-ethenyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	21.26 ug/L	1167110	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
2	Biphenyl	154	C12H10	000092-52-4	60
3	Biphenyl	154	C12H10	000092-52-4	60
4	Biphenyl	154	C12H10	000092-52-4	60
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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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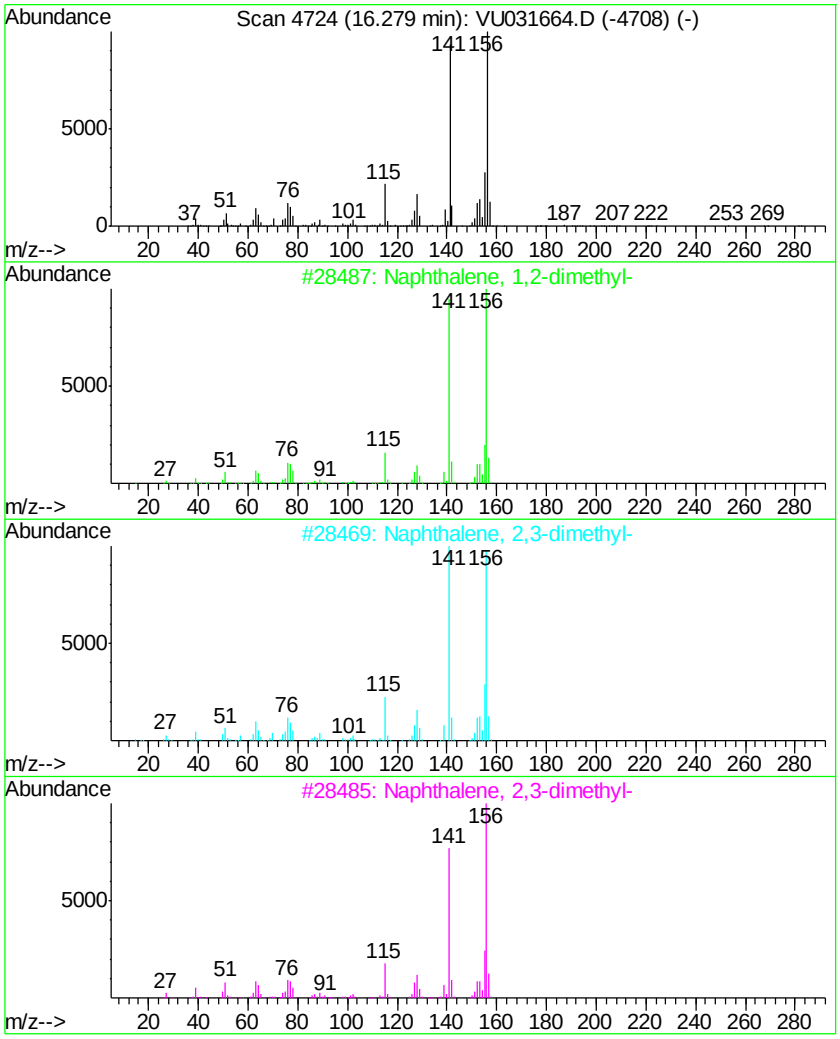
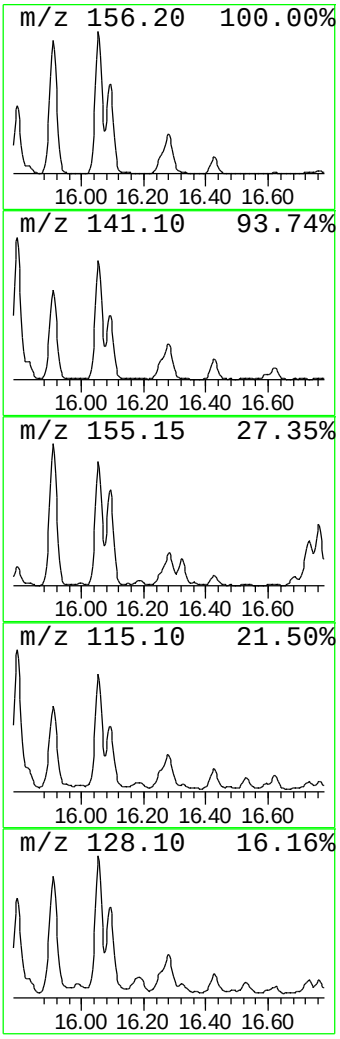
Peak Number 69 Naphthalene, 1,2-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	73.21 ug/L	4019360	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAJ87

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...	7.91	5.5	ug/L	315702	2	9.09	2859140	50.0
(DEL) Alkane: Cyc...	8.54	7.8	ug/L	447908	2	9.09	2859140	50.0
(DEL) Alkane: Cyc...	8.60	7.2	ug/L	413619	2	9.09	2859140	50.0
(DEL) Alkane: Str...	8.81	4.0	ug/L	231080	2	9.09	2859140	50.0
(DEL) Alkane: Cyc...	8.84	7.2	ug/L	413610	2	9.09	2859140	50.0
(DEL) Alkane: Str...	8.91	10.0	ug/L	571657	2	9.09	2859140	50.0
(DEL) Alkane: Str...	9.03	9.1	ug/L	518556	2	9.09	2859140	50.0
(DEL) Alkane: Str...	9.44	49.9	ug/L	2855780	2	9.09	2859140	50.0
unknown-01	9.56	5.0	ug/L	287903	2	9.09	2859140	50.0
(DEL) Alkane: Cyc...	9.71	17.3	ug/L	987031	2	9.09	2859140	50.0
(DEL) Alkane: Str...	9.95	37.3	ug/L	2134000	2	9.09	2859140	50.0
(DEL) Alkane: Cyc...	10.04	36.7	ug/L	2098620	2	9.09	2859140	50.0
(DEL) Alkane: Cyc...	10.22	4.5	ug/L	257357	2	9.09	2859140	50.0
(DEL) Alkane: Str...	10.25	8.1	ug/L	460063	2	9.09	2859140	50.0
(DEL) Alkane: Str...	10.32	24.5	ug/L	1343170	3	11.48	2745110	50.0
(DEL) Alkane: Str...	10.35	19.3	ug/L	1060270	3	11.48	2745110	50.0
(DEL) Alkane: Cyc...	10.49	18.5	ug/L	1014380	3	11.48	2745110	50.0
Benzene, propyl-	10.58	7.7	ug/L	422939	3	11.48	2745110	50.0
(DEL) Alkane: Cyc...	10.64	7.9	ug/L	432638	3	11.48	2745110	50.0
Benzene, 1-ethyl-...	10.68	29.4	ug/L	1615960	3	11.48	2745110	50.0
Benzene, 1,2,3-tr...	10.77	51.9	ug/L	2851180	3	11.48	2745110	50.0
(DEL) Alkane: Str...	10.81	143.5	ug/L	7877810	3	11.48	2745110	50.0
Hexatriacontyl pe...	11.07	9.8	ug/L	535499	3	11.48	2745110	50.0
(DEL) Alkane: Str...	11.11	41.2	ug/L	2261290	3	11.48	2745110	50.0
Benzene, 1-etheny...	11.21	63.2	ug/L	3469990	3	11.48	2745110	50.0
(DEL) Alkane: Str...	11.27	8.8	ug/L	485656	3	11.48	2745110	50.0
(DEL) Alkane: Str...	11.33	23.7	ug/L	1301970	3	11.48	2745110	50.0
(DEL) Alkane: Cyc...	11.40	64.4	ug/L	3534510	3	11.48	2745110	50.0
(DEL) Alkane: Str...	11.61	32.8	ug/L	1801030	3	11.48	2745110	50.0
(DEL) Alkane: Str...	11.70	28.0	ug/L	1535680	3	11.48	2745110	50.0
Indane	11.77	49.0	ug/L	2688510	3	11.48	2745110	50.0
Benzene, 1-methyl...	11.80	31.2	ug/L	1711520	3	11.48	2745110	50.0
Indene	11.98	328.4	ug/L	18029700	3	11.48	2745110	50.0
(DEL) Alkane: Str...	12.02	200.1	ug/L	10987500	3	11.48	2745110	50.0
o-Cymene	12.18	86.7	ug/L	4760790	3	11.48	2745110	50.0
Indan, 1-methyl-	12.35	50.4	ug/L	2764670	3	11.48	2745110	50.0
trans-Decalin, 2-...	12.51	80.1	ug/L	4398200	3	11.48	2745110	50.0
(DEL) Alkane: Cyc...	12.61	113.2	ug/L	6215160	3	11.48	2745110	50.0
Benzene, 1,2,4,5-...	12.70	78.0	ug/L	4280420	3	11.48	2745110	50.0
unknown-02	12.78	17.4	ug/L	958100	3	11.48	2745110	50.0
(DEL) Alkane: Str...	12.82	39.8	ug/L	2182350	3	11.48	2745110	50.0
unknown-03	12.87	14.1	ug/L	774270	3	11.48	2745110	50.0
Benzene, 2-butenyl-	12.96	49.0	ug/L	2688250	3	11.48	2745110	50.0
Tetracyclo[3.3.1....	13.03	24.9	ug/L	1364390	3	11.48	2745110	50.0
(DEL) Alkane: Str...	13.12	295.1	ug/L	16201700	3	11.48	2745110	50.0
Benzene, (1-methy...	13.18	62.6	ug/L	3438500	3	11.48	2745110	50.0
unknown-04	13.40	33.2	ug/L	1822810	3	11.48	2745110	50.0
Benzene, (2-methy...	13.45	27.6	ug/L	1513120	3	11.48	2745110	50.0
Benzene, (2-chlor...	13.51	54.8	ug/L	3005740	3	11.48	2745110	50.0

1H-Indene, 2,3-di...	13.61	16.6	ug/L	910274	3	11.48	2745110	50.0
(DEL) Alkane: Str...	13.88	78.3	ug/L	4300520	3	11.48	2745110	50.0
(DEL) Alkane: Str...	14.14	68.3	ug/L	3749280	3	11.48	2745110	50.0
2-(2-Hydroxypheny...	14.33	101.2	ug/L	5556970	3	11.48	2745110	50.0
Naphthalene, 1-me...	14.87	774.1	ug/L	42498400	3	11.48	2745110	50.0
(DEL) Alkane: Str...	15.66	47.6	ug/L	2612600	3	11.48	2745110	50.0
Naphthalene, 1-et...	15.79	124.2	ug/L	6816830	3	11.48	2745110	50.0
Naphthalene, 2,6-...	15.91	178.7	ug/L	9808030	3	11.48	2745110	50.0
Naphthalene, 2,3-...	16.05	165.4	ug/L	9080830	3	11.48	2745110	50.0
Naphthalene, 2-et...	16.19	21.3	ug/L	1167110	3	11.48	2745110	50.0
Naphthalene, 1,2-...	16.28	73.2	ug/L	4019360	3	11.48	2745110	50.0

Instrument :
MSVOA_U
ClientSampleId :
GAJ87