LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

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\SOMULM122018WMA.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	1.321	42	46	53	rVB	3390	3262	0.02%	0.008%
2	1.395	62	69	84	rVB	93762	108736	0.53%	0.253%
3	1.582	105	127	128	rBV9	9602	25639	0.13%	0.060%
4	1.640	140	145	156	rBV	61713	66282	0.32%	0.154%
5	2.231	318	329	344	rBV	150592	234156	1.14%	0.545%
6	2.341	356	363	364	rBV4	1016	1006	0.00%	0.002%
7	2.431	387	391	392	rBV2	463	356	0.00%	0.001%
8	2.627	446	452	463	rBV	1539	2635	0.01%	0.006%
9	2.685	463	470	480	rVB5	1580	2880	0.01%	0.007%
10	2.826	504	514	524	rVB2	1963	3929	0.02%	0.009%
11	2.926	540	545	548	rBV2	220	280	0.00%	0.001%
12	2.961	548	556	563	rVV3	1592	2649	0.01%	0.006%
13	3.177	620	623	627	rVB	291	242	0.00%	0.001%
14	3.199	627	630	635	rBV2	229	266	0.00%	0.001%
15	3.273	644	653	662	rBV4	1779	3104	0.02%	0.007%
16	3.341	668	674	679	rVB2	264	294	0.00%	0.001%
17	3.373	679	684	688	rBV2	221	284	0.00%	0.001%
18	3.431	688	702	721	rVB2	11545	25415	0.12%	0.059%
19	3.662	770	774	779	rVB2	231	218	0.00%	0.001%
20	4.196	924	940	978	rBV4	59543	219639	1.07%	0.511%
21	4.447	1016	1018	1022	rVB	323	225	0.00%	0.001%
22	4.553	1046	1051	1054	rVB	266	229	0.00%	0.001%
23	4.640	1058	1078	1109	rBV	105658	261713	1.28%	0.609%
24	4.890	1148	1156	1157	rBV3	598	723	0.00%	0.002%
25	4.903	1157	1160	1171	rVB3	889	1159	0.01%	0.003%
26	4.968	1177	1180	1181	rBV	580	289	0.00%	0.001%
27	5.328	1270	1292	1317	rBV2	253522	704172	3.43%	1.639%
28	5.617	1373	1382	1390	rBV5	1313	2555	0.01%	0.006%
29	5.771	1425	1430	1432	rBV2	864	863	0.00%	0.002%
30	5.881	1449	1464	1495	rBV	253207	516472	2.52%	1.202%
31	6.151	1532	1548	1571	rBV	211733	478851	2.33%	1.114%
32	6.324	1588	1602	1621	rBV	152832	320046	1.56%	0.745%
33	6.463	1633	1645	1661	rVB	81444	161658	0.79%	0.376%
34	6.665	1695	1708	1719	rBV6	1538	3584	0.02%	0.008%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

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\SOMULM122018WMA.M
Title : VOC Analysis

35	6.820	1745	1756	1763	rBV3	836	1336	0.01%	0.003%
36	6.897	1767	1780	1782	rBV5	935	1369	0.01%	0.003%
37	7.109	1836	1846	1855	rBV3	3502	5733	0.03%	0.013%
38	7.173	1858	1866	1870	rBV3	1383	1770	0.01%	0.004%
39	7.225	1871	1882	1909	rVB	89793	171313	0.84%	0.399%
40	7.340	1909	1918	1923	rBV6	1383	2089	0.01%	0.005%
41	7.463	1950	1956	1959	rBV	620	762	0.00%	0.002%
42	7.479	1959	1961	1964	rVV	491	339	0.00%	0.001%
43	7.562	1967	1987	2000	rVV	320071	590827	2.88%	1.375%
44	7.636	2000	2010	2040	rVB	154062	293539	1.43%	0.683%
45	7.848	2057	2076	2094	rBV2	57869	125089	0.61%	0.291%
46	8.041	2134	2136	2142	rVB3	825	650	0.00%	0.002%
47	8.160	2167	2173	2184	rVB4	1086	1488	0.01%	0.003%
48	8.225	2184	2193	2207	rVB3	16154	26466	0.13%	0.062%
49	8.324	2211	2224	2250	rBV	241083	464024	2.26%	1.080%
50	8.450	2256	2263	2270	rBV3	4704	7793	0.04%	0.018%
51	8.540	2282	2291	2301	rVB5	4284	7894	0.04%	0.018%
52	8.604	2301	2311	2318	rBV3	4148	7317	0.04%	0.017%
53	8.672	2329	2332	2333	rBV3	626	432	0.00%	0.001%
54	8.755	2350	2358	2365	rBV6	1414	2196	0.01%	0.005%
55	8.810	2365	2375	2381	rBV3	9106	15580	0.08%	0.036%
56	8.906	2398	2405	2418	rVB3	51902	87176	0.43%	0.203%
57	8.974	2423	2426	2430	rVB2	613	358	0.00%	0.001%
58	9.028	2430	2443	2452	rBV2	51650	84693	0.41%	0.197%
59	9.090	2452	2462	2481	rVV	364554	650672	3.17%	1.514%
60	9.250	2498	2512	2535	rBV	3397081	5674109	27.67%	13.205%
61	9.379	2537	2552	2565	rBV	12350247	20509627	100.00%	47.731%
62	9.565	2601	2610	2619	rVB7	5135	8233	0.04%	0.019%
63	9.649	2627	2636	2642	rBV5	5047	8773	0.04%	0.020%
64	9.717	2646	2657	2663	rVV5	27882	47908	0.23%	0.111%
65	9.781	2664	2677	2701	rVB	4796679	7814931	38.10%	18.187%
66	9.948	2712	2729	2739	rVB4	41431	78458	0.38%	0.183%
67	10.009	2742	2748	2749	rBV4	5548	5241	0.03%	0.012%
68	10.041	2751	2758	2766	rVV5	28924	45641	0.22%	0.106%
69	10.167	2786	2797	2808	rBV	67398	111070	0.54%	0.258%
70	10.437	2868	2881	2892	rBV	265173	472810	2.31%	1.100%
71	10.591	2919	2929	2936	rBV	34065	53559	0.26%	0.125%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

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\SOMULM122018WMA.M
Title : VOC Analysis

72	10.681	2949	2957	2972	rBV	79291	173339	0.85%	0.403%
73	10.771	2973	2985	2990	rVV3	48770	97742	0.48%	0.227%
74	10.810	2991	2997	3009	rVB	160374	230622	1.12%	0.537%
75	10.971	3039	3047	3055	rBV2	29942	50330	0.25%	0.117%
76	11.112	3084	3091	3095	rBV	30138	40059	0.20%	0.093%
77	11.147	3095	3102	3114	rVB	115332	176465	0.86%	0.411%
78	11.270	3131	3140	3144	rBV2	10620	16599	0.08%	0.039%
79	11.398	3172	3180	3185	rBV5	15115	23301	0.11%	0.054%
80	11.485	3196	3207	3218	rBV	446230	696096	3.39%	1.620%
81	11.572	3227	3234	3241	rBV2	42819	56843	0.28%	0.132%
82	11.778	3290	3298	3303	rBV5	11592	20501	0.10%	0.048%
83	11.861	3314	3324	3343	rVB	387714	637888	3.11%	1.485%
84	12.022	3366	3374	3382	rBV	56612	79783	0.39%	0.186%
85	12.360	3471	3479	3484	rBV7	6733	10642	0.05%	0.025%
86	12.507	3512	3525	3531	rBV7	6580	15706	0.08%	0.037%
87	12.610	3549	3557	3563	rBV5	8169	14927	0.07%	0.035%
88	12.704	3579	3586	3592	rBV3	8586	14248	0.07%	0.033%
89	12.784	3605	3611	3618	rBV8	2592	4303	0.02%	0.010%
90	12.826	3620	3624	3636	rVB6	2839	4579	0.02%	0.011%
91	12.935	3653	3658	3661	rBV7	1094	1180	0.01%	0.003%
92	13.032	3682	3688	3690	rBV4	2420	2646	0.01%	0.006%
93	13.083	3698	3704	3709	rBV6	5843	7483	0.04%	0.017%
94	13.122	3710	3716	3734	rVB4	17097	27477	0.13%	0.064%
95	13.453	3813	3819	3825	rVB7	2032	2468	0.01%	0.006%
96	13.745	3903	3910	3919	rVB	13878	20807	0.10%	0.048%
97	13.861	3942	3946	3947	rBV4	1243	860	0.00%	0.002%
98	13.913	3960	3962	3965	rBV4	709	472	0.00%	0.001%
99	14.048	3999	4004	4005	rBV4	1837	1648	0.01%	0.004%
100	14.105	4017	4022	4027	rBV5	3767	4752	0.02%	0.011%

Sum of corrected areas: 42968842

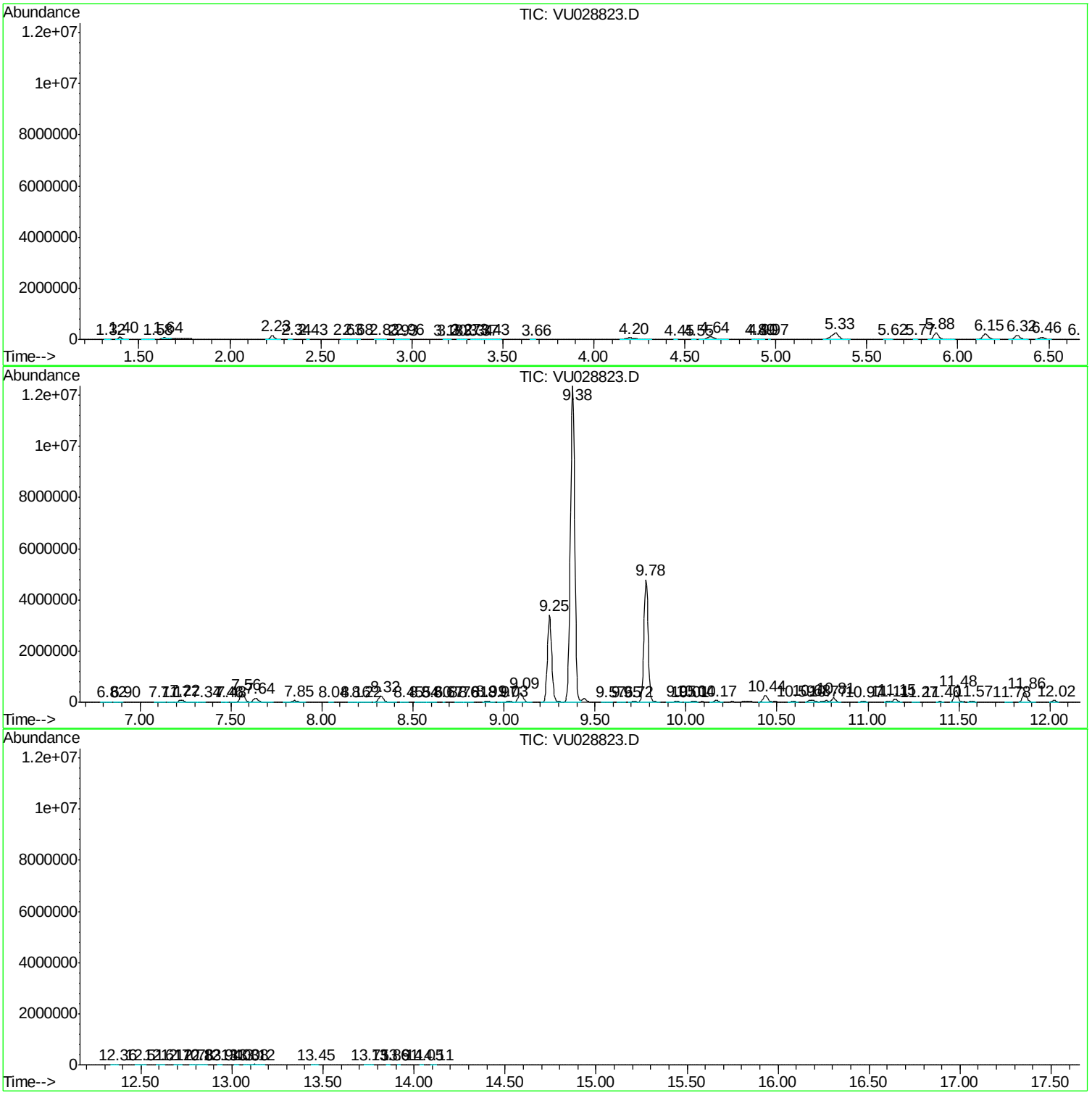
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

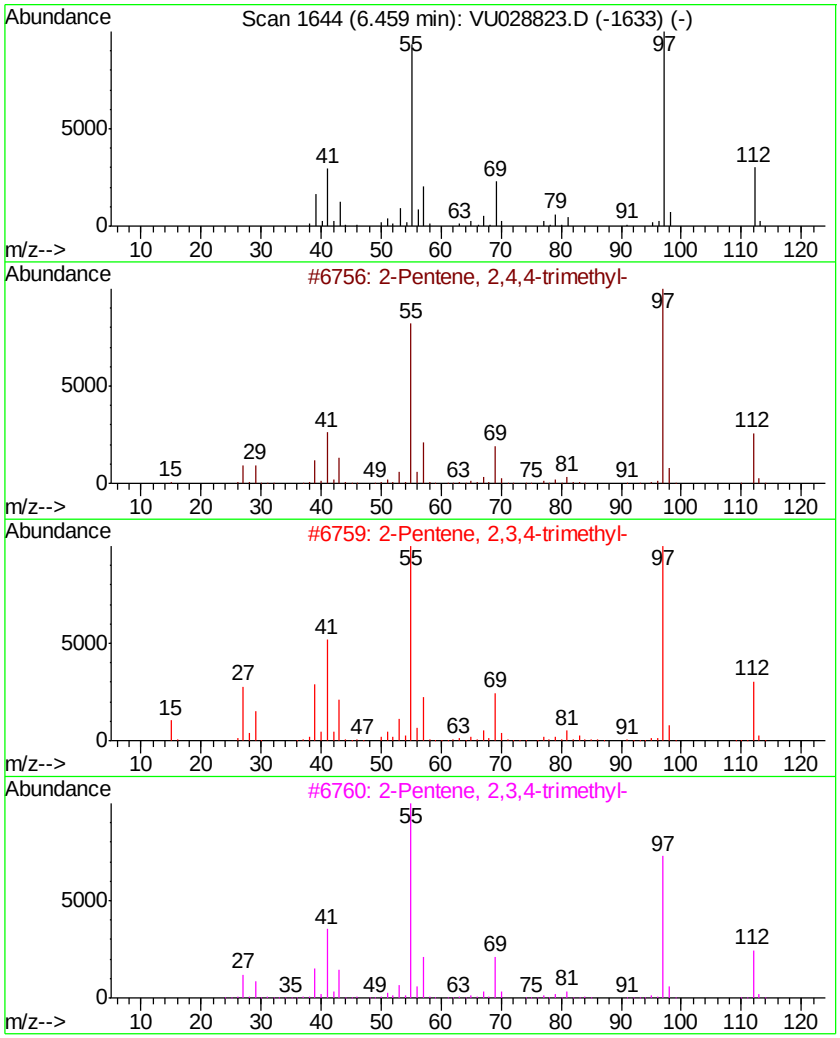
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

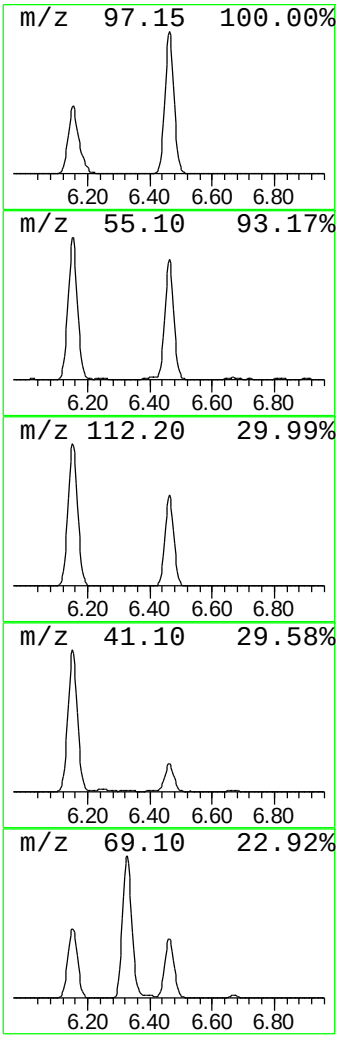
****

Peak Number 1 (DEL) Alkane: Cyclic6.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	15.65 ug/L	161658	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	91
2	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	91
3	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	91
4	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	91
5	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

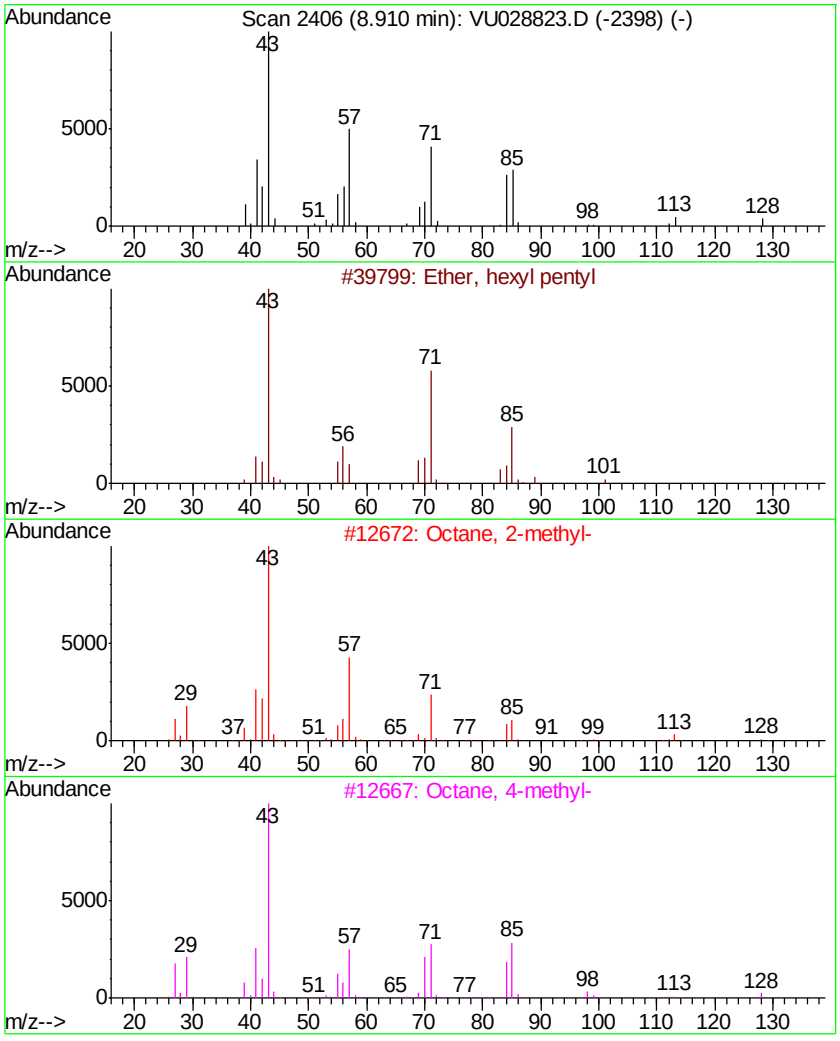
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

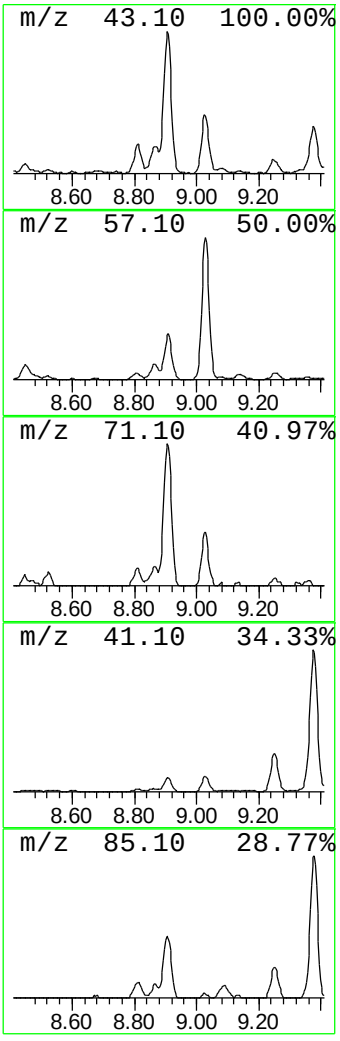
****

Peak Number 3 Ether, hexyl pentyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	6.70 ug/L	87176	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
2	Octane, 2-methyl-	128	C9H20	003221-61-2	64
3	Octane, 4-methyl-	128	C9H20	002216-34-4	53
4	Octane	114	C8H18	000111-65-9	53
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

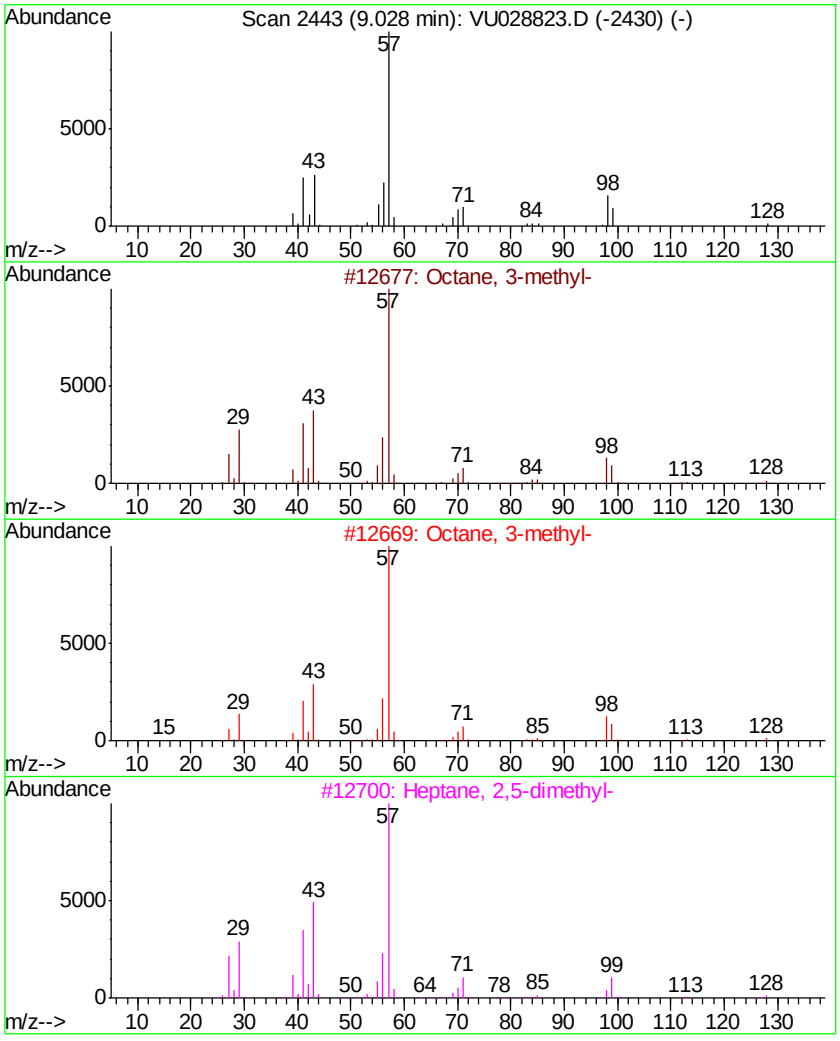
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

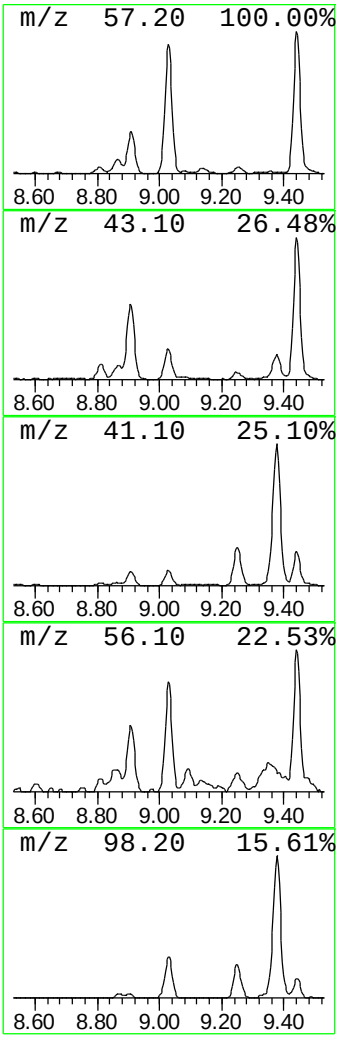
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	6.51 ug/L	84693	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	91
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
5	Octane, 3-methyl-	128	C9H20	002216-33-3	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

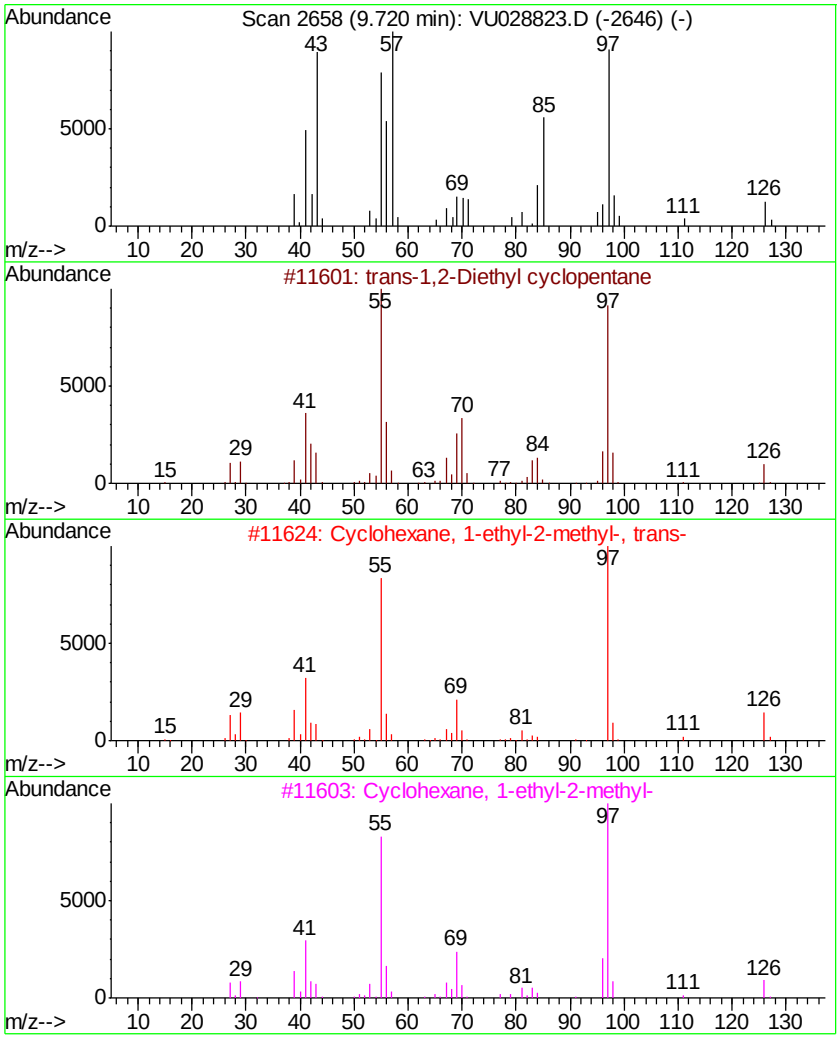
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

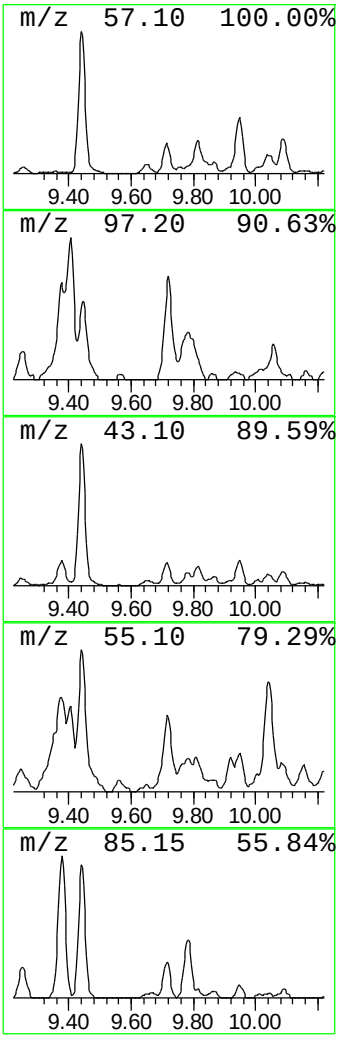
****

Peak Number 5 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	3.68 ug/L	47908	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	43
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	38
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	38
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	35
5	Thiophene, 2-propyl-	126	C7H10S	001551-27-5	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

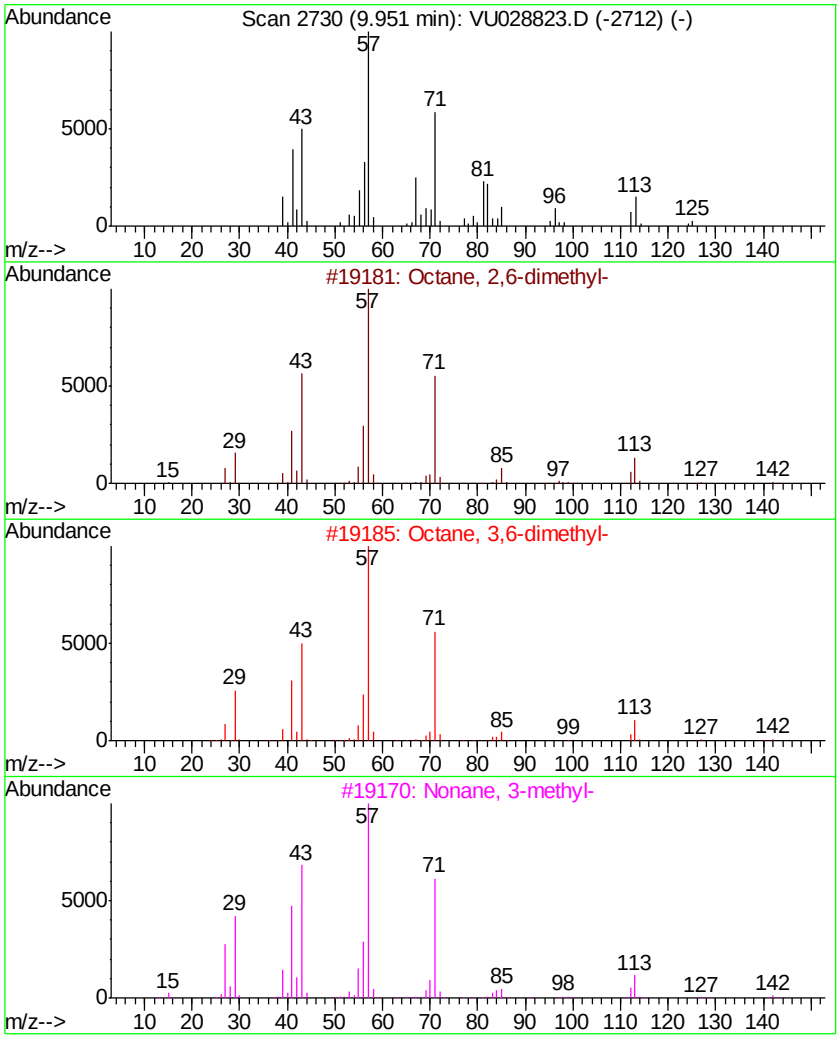
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

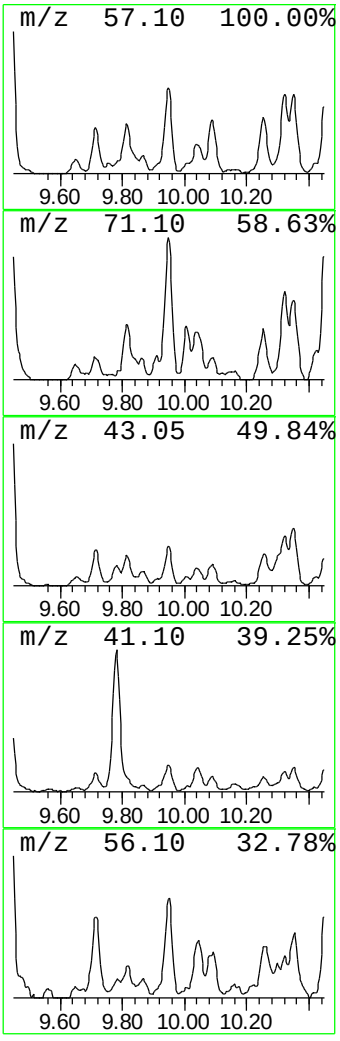
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	6.03 ug/L	78458	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

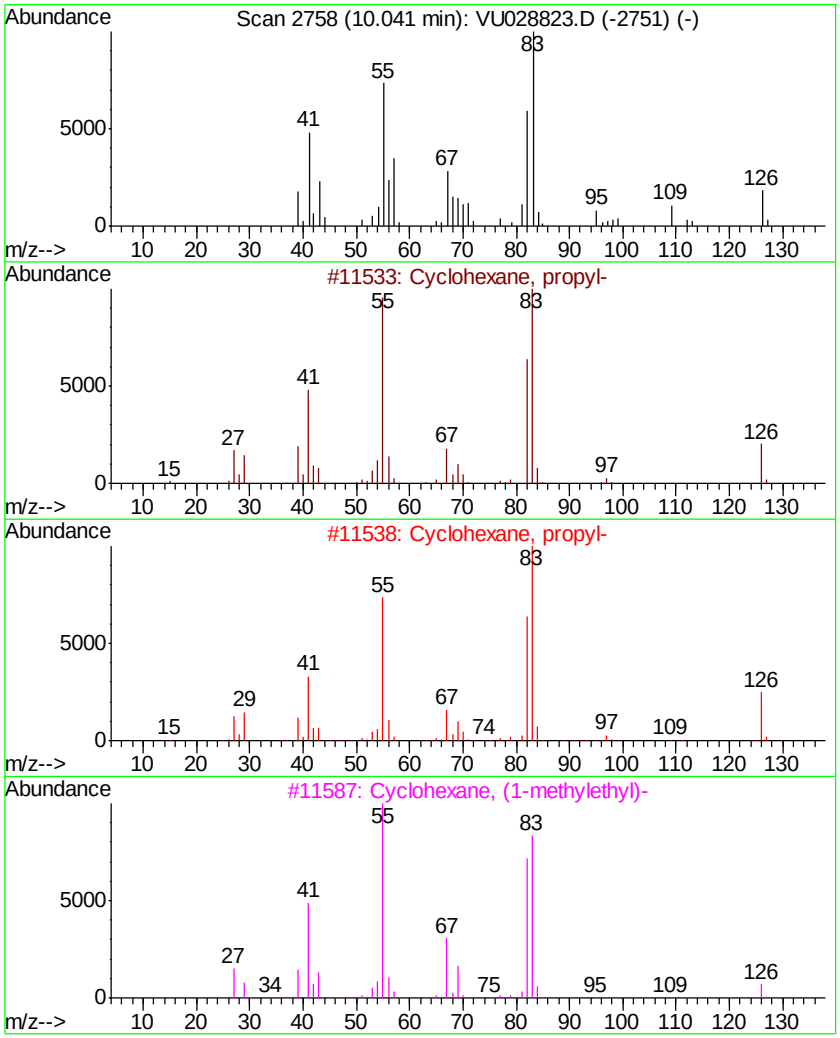
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

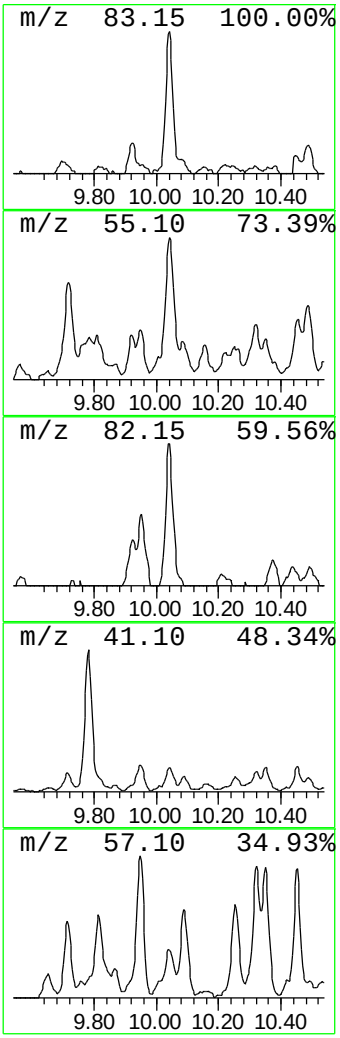
****

Peak Number 7 (DEL) Alkane: Cyclic10.04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	3.51 ug/L	45641	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

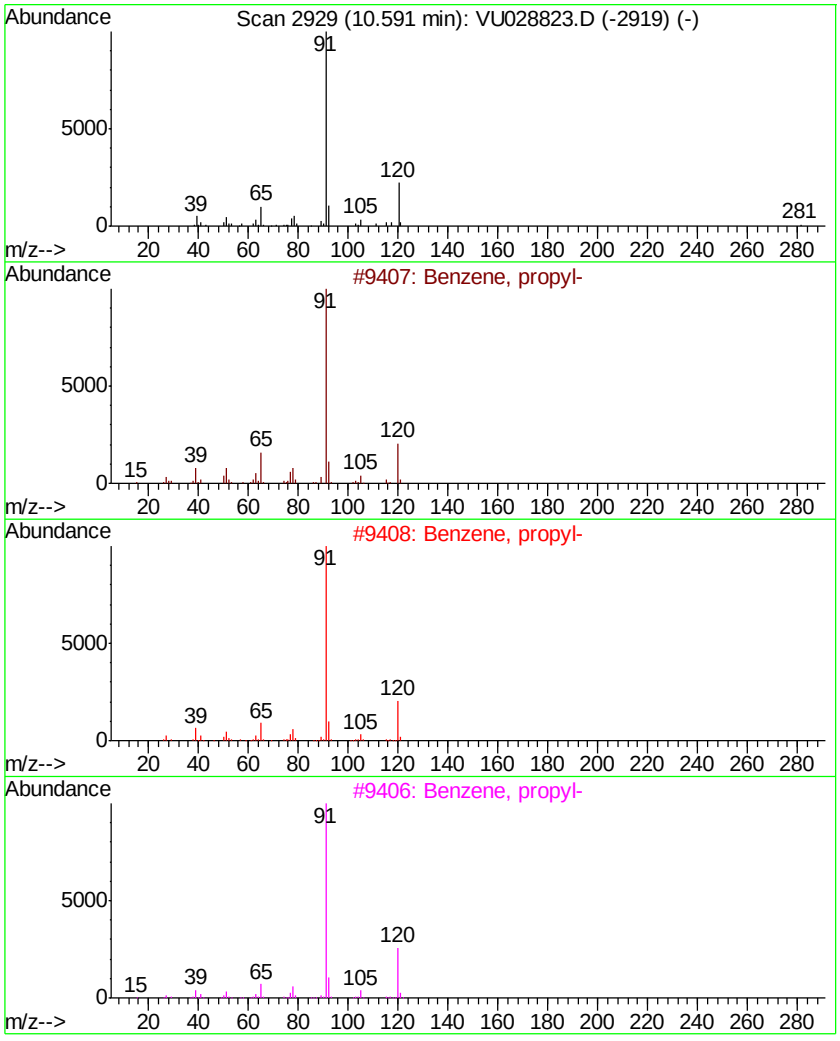
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

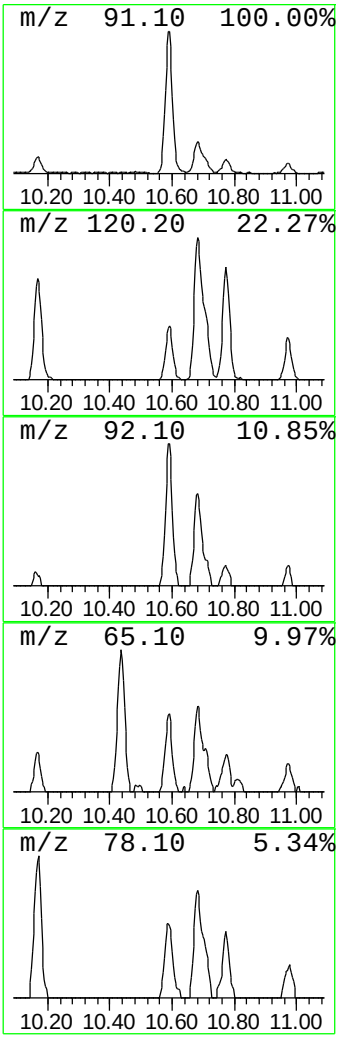
****

Peak Number 8 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	3.85 ug/L	53559	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	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





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Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

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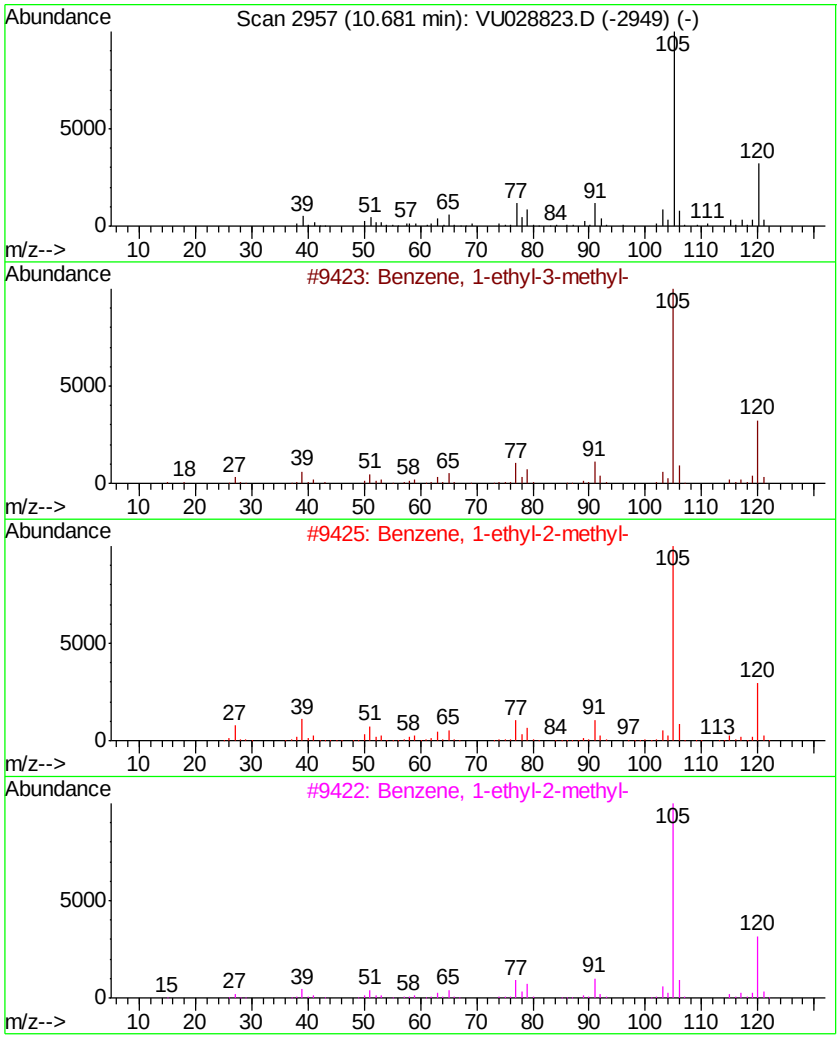
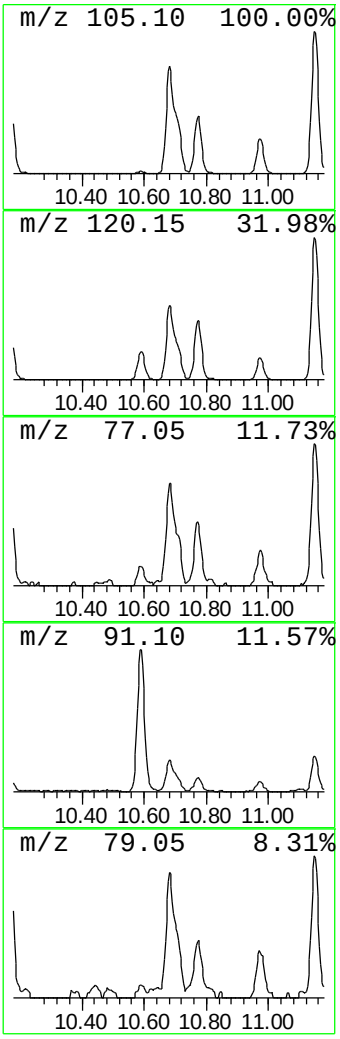
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	12.45 ug/L	173339	1,4-Dichlorobenzene-d4	11.48

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

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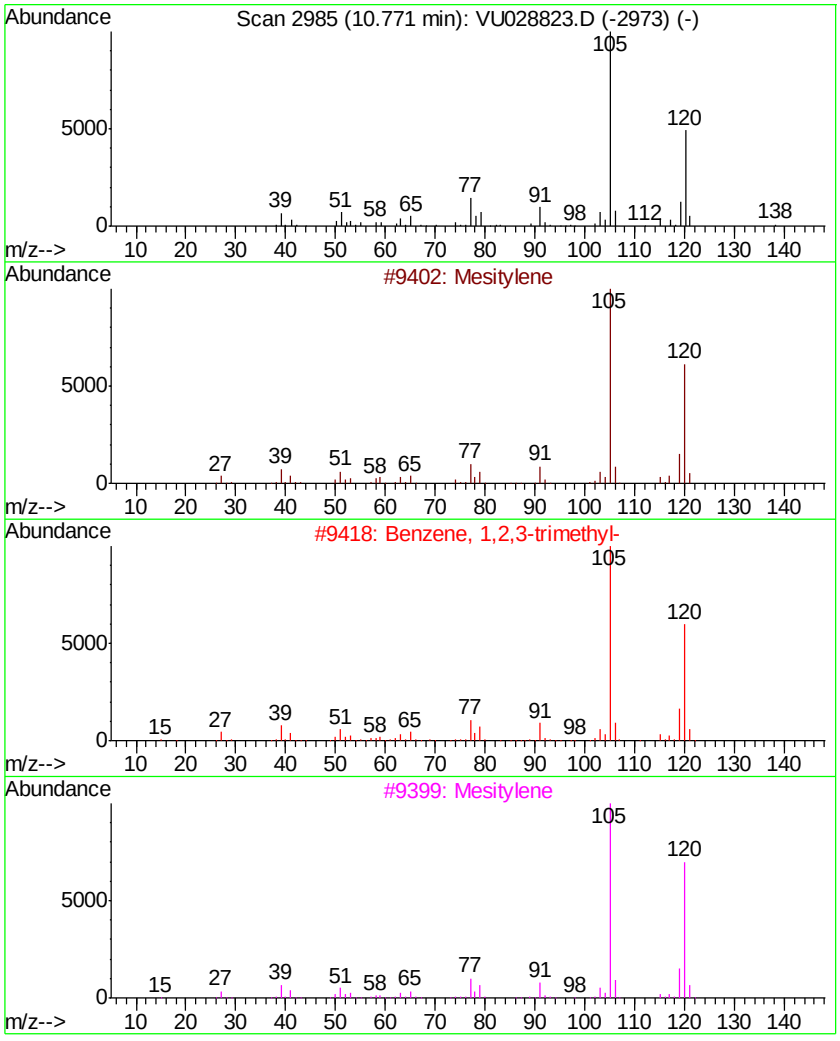
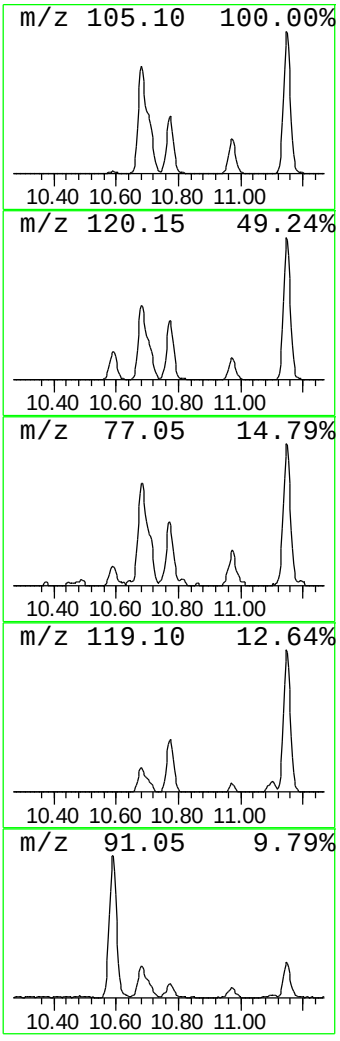
Peak Number 10 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	7.02 ug/L	97742	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Mesitylene	120	C9H12	000108-67-8	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

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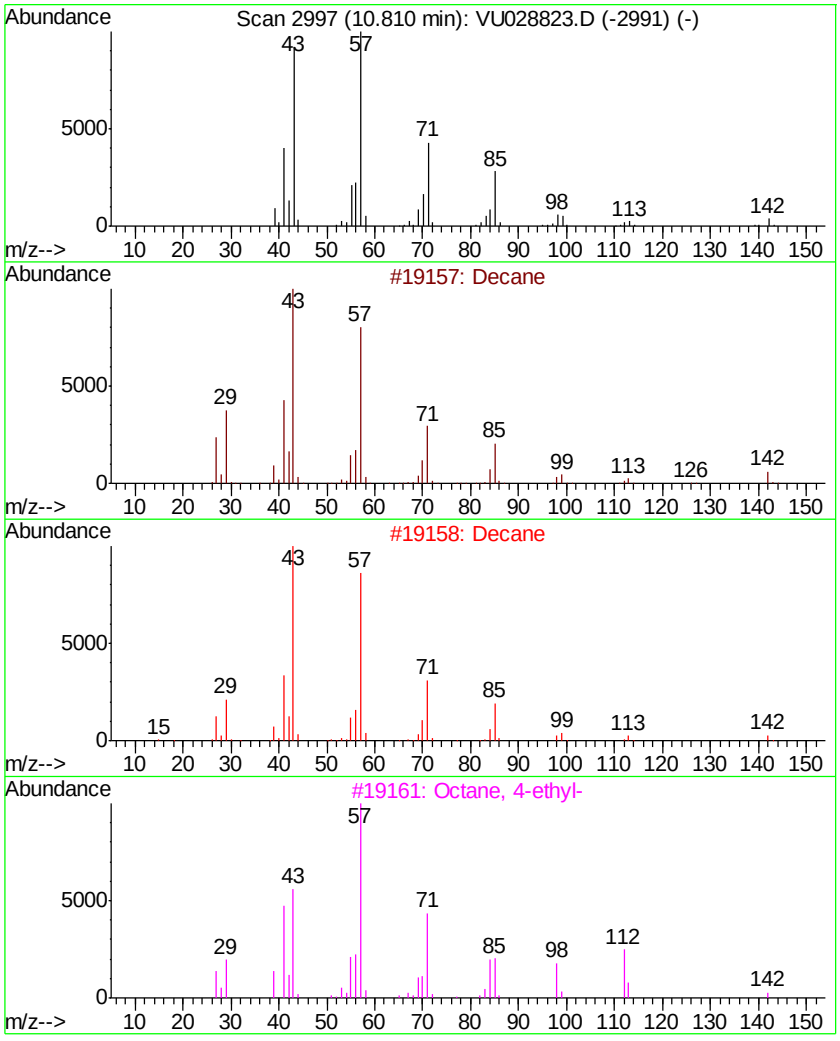
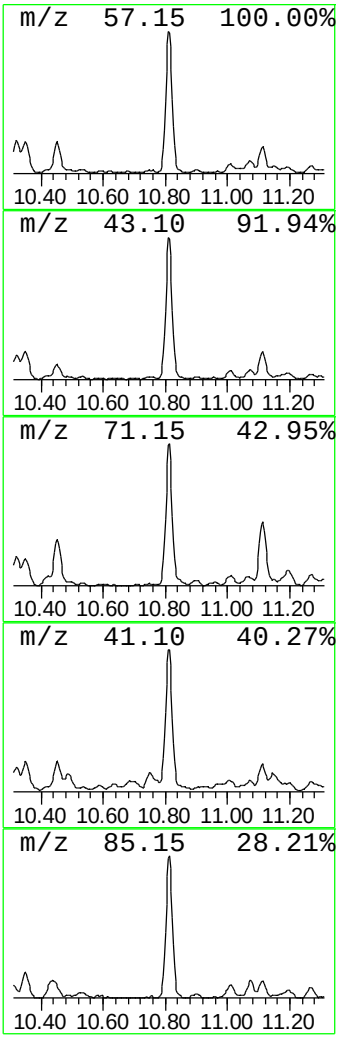
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	16.57 ug/L	230622	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Decane	142	C10H22	000124-18-5	87
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	74
4	Nonane	128	C9H20	000111-84-2	72
5	Hexadecane	226	C16H34	000544-76-3	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

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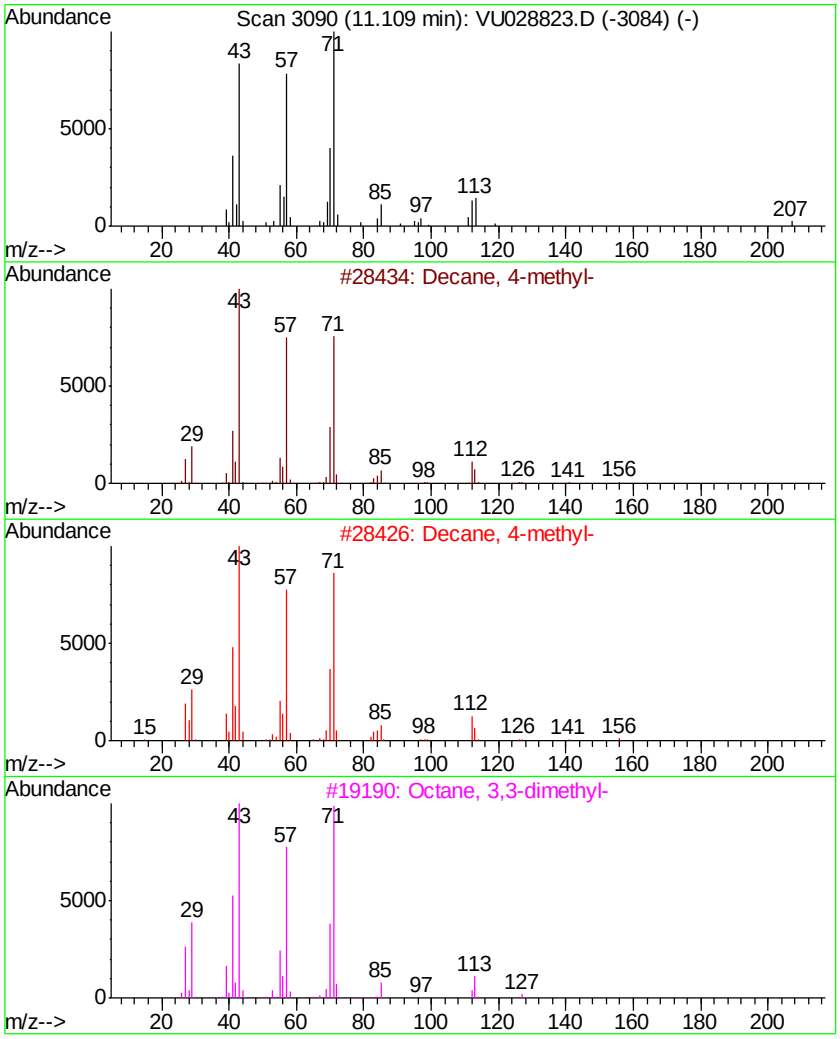
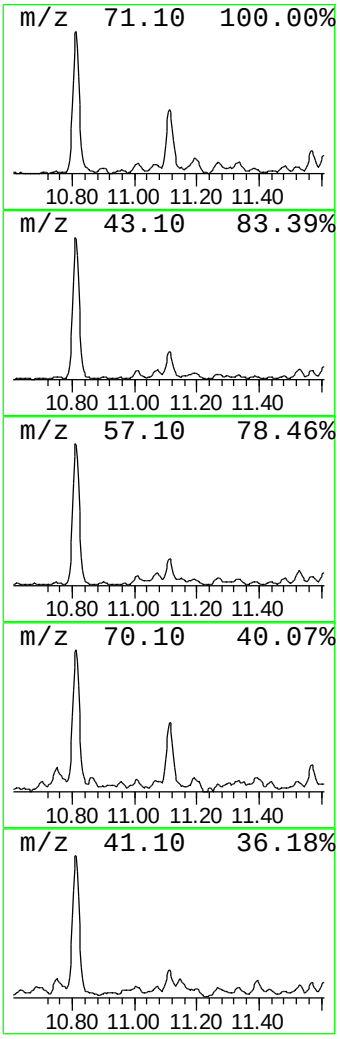
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	2.88 ug/L	40059	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	87
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	80
4	Decane, 4-methyl-	156	C11H24	002847-72-5	80
5	Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

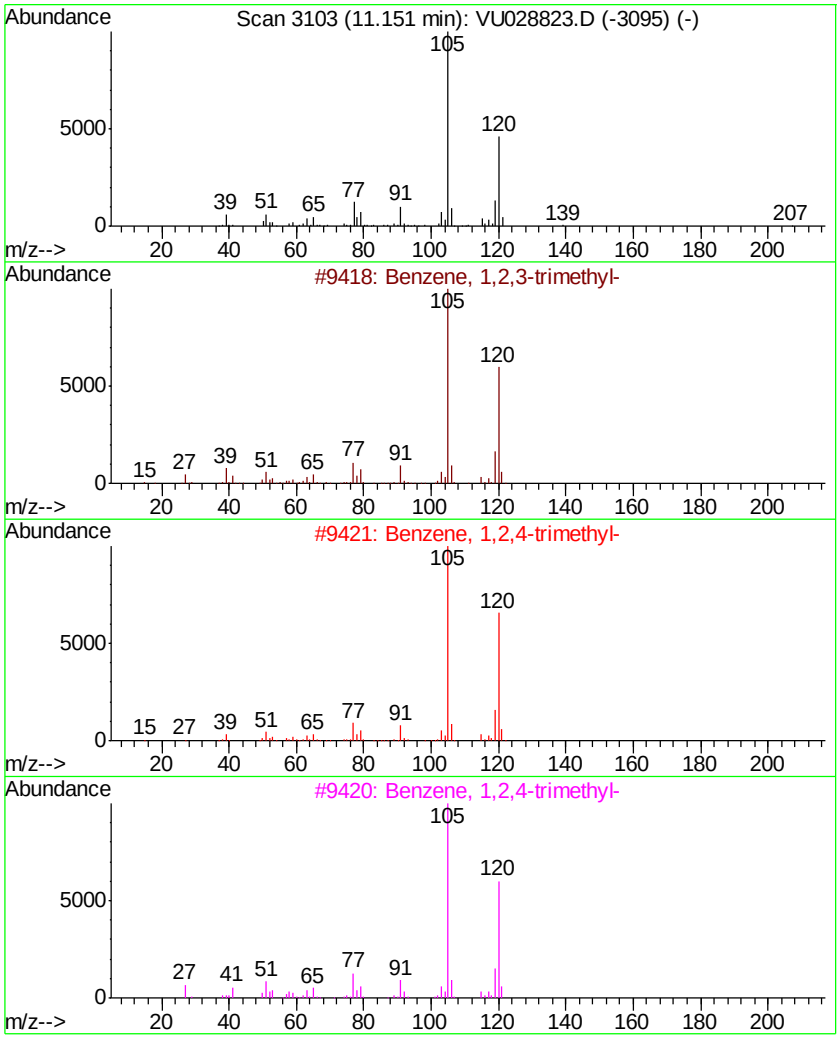
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

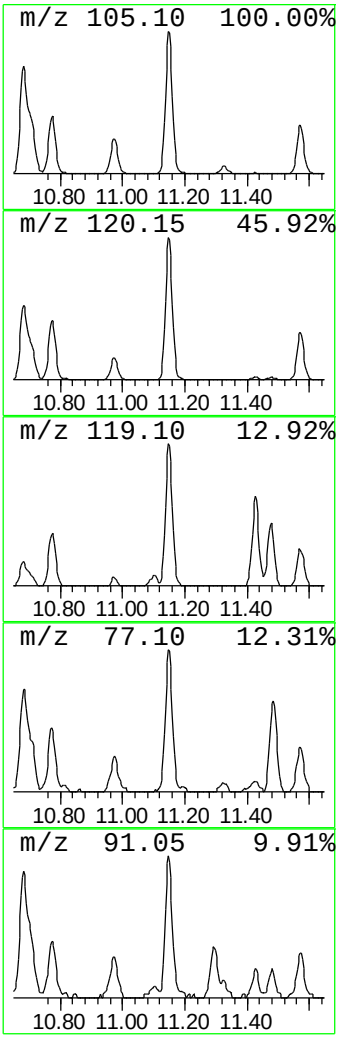
****

Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	12.68 ug/L	176465	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	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

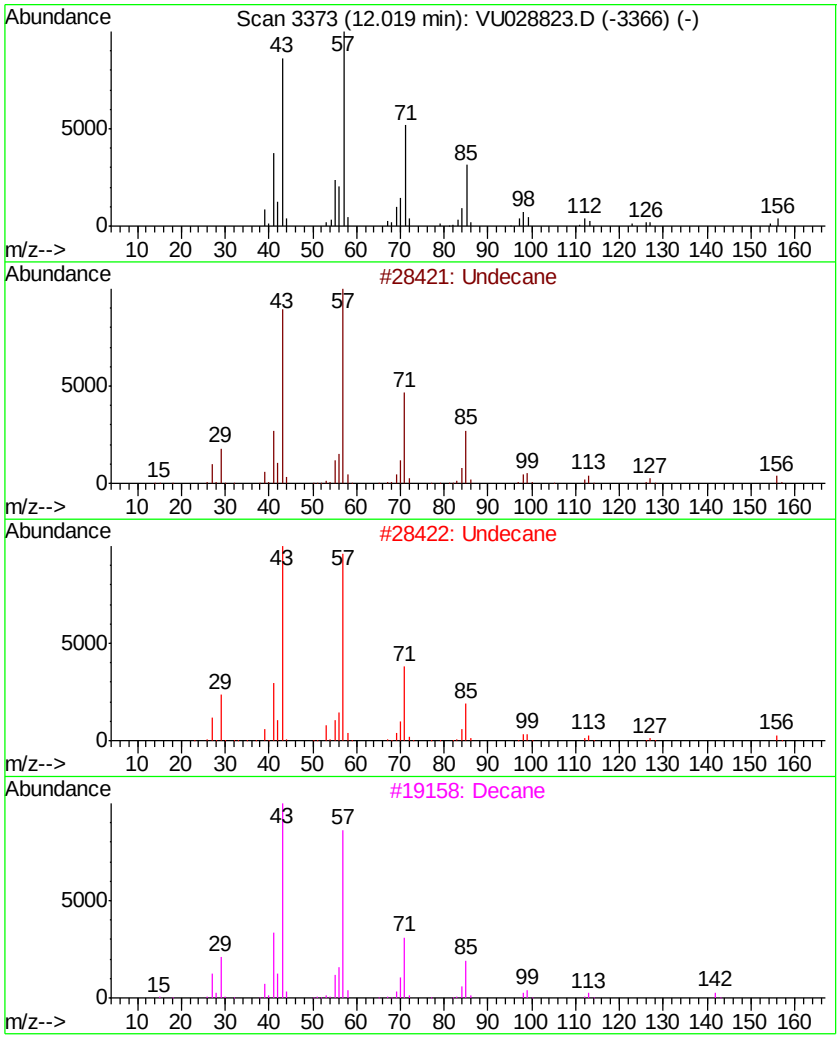
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

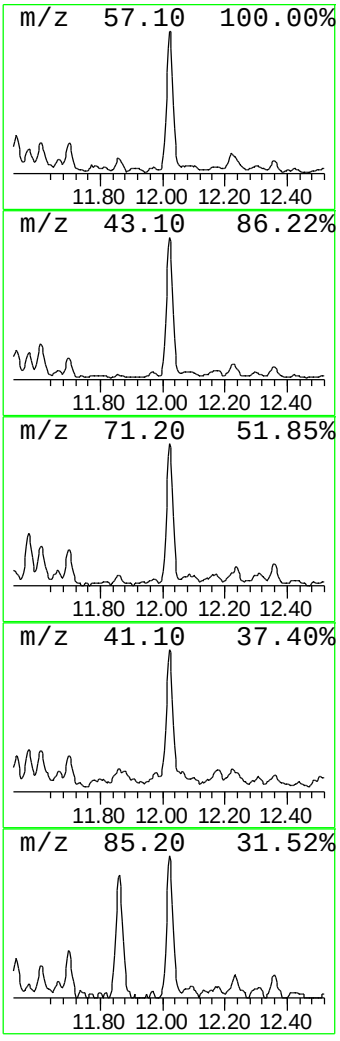
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.73 ug/L	79783	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Undecane	156	C11H24	001120-21-4	87
3	Decane	142	C10H22	000124-18-5	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Undecane	156	C11H24	001120-21-4	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028823.D
Acq On : 20 Dec 2018 14:42
Operator : MD/SY
Sample : J6468-15
Misc : 6.35g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JH1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	6.46	15.7	ug/L	161658	1	5.88	516472	50.0
Ether, hexyl pentyl	8.91	6.7	ug/L	87176	2	9.09	650672	50.0
(DEL) Alkane: Str...	9.03	6.5	ug/L	84693	2	9.09	650672	50.0
unknown-01	9.72	3.7	ug/L	47908	2	9.09	650672	50.0
(DEL) Alkane: Str...	9.95	6.0	ug/L	78458	2	9.09	650672	50.0
(DEL) Alkane: Cyc...	10.04	3.5	ug/L	45641	2	9.09	650672	50.0
Benzene, propyl-	10.59	3.9	ug/L	53559	3	11.48	696096	50.0
Benzene, 1-ethyl-...	10.68	12.4	ug/L	173339	3	11.48	696096	50.0
Mesitylene	10.77	7.0	ug/L	97742	3	11.48	696096	50.0
(DEL) Alkane: Str...	10.81	16.6	ug/L	230622	3	11.48	696096	50.0
(DEL) Alkane: Str...	11.11	2.9	ug/L	40059	3	11.48	696096	50.0
Benzene, 1,2,3-tr...	11.15	12.7	ug/L	176465	3	11.48	696096	50.0
(DEL) Alkane: Str...	12.02	5.7	ug/L	79783	3	11.48	696096	50.0