LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036680.D
Acq On : 5 Apr 2021 19:24
Operator : SY/AP
Sample : M1834-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 3 Min Area: 3 % of largest Peak
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 0

Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.874	13	27	62	rBV	5796091	16681872	40.44%	4.098%
2	3.018	62	72	86	rVV5	688513	1458872	3.54%	0.358%
3	3.205	119	130	152	rBV	1417821	2763228	6.70%	0.679%
4	3.311	152	163	172	rVV	1370185	2302599	5.58%	0.566%
5	3.359	172	178	190	rVV2	898836	1547854	3.75%	0.380%
6	3.848	320	330	337	rBV	3096929	5535248	13.42%	1.360%
7	4.012	372	381	396	rVB	905788	1515017	3.67%	0.372%
8	4.134	411	419	431	rVB2	466390	737309	1.79%	0.181%
9	5.060	696	707	715	rBV2	302745	594117	1.44%	0.146%
10	5.115	715	724	734	rVV2	518176	996012	2.41%	0.245%
11	5.172	734	742	753	rVV3	299440	563559	1.37%	0.138%
12	5.243	753	764	796	rVV	5001787	11708295	28.38%	2.876%
13	5.378	796	806	820	rVV3	335663	771622	1.87%	0.190%
14	5.472	822	835	852	rVB4	255611	582842	1.41%	0.143%
15	5.674	885	898	926	rBV2	2672311	6320477	15.32%	1.553%
16	6.343	1103	1106	1133	rVB5	284708	586925	1.42%	0.144%
17	7.182	1354	1367	1381	rVV	4327947	9333351	22.62%	2.293%
18	7.256	1381	1390	1404	rVV	1469755	3418640	8.29%	0.840%
19	7.336	1404	1415	1437	rVB3	642029	1567912	3.80%	0.385%
20	7.491	1442	1463	1490	rBV3	2000509	4946392	11.99%	1.215%
21	7.877	1570	1583	1607	rVB2	1440108	3596358	8.72%	0.883%
22	8.131	1649	1662	1676	rBV3	632094	1348356	3.27%	0.331%
23	8.825	1867	1878	1904	rVB6	539663	1336845	3.24%	0.328%
24	9.057	1932	1950	1960	rBV3	215557	487734	1.18%	0.120%
25	9.127	1960	1972	1984	rBV5	259508	650511	1.58%	0.160%
26	9.645	2118	2133	2153	rBV3	562307	1311900	3.18%	0.322%
27	9.812	2167	2185	2208	rBV4	1599986	3936940	9.54%	0.967%
28	9.925	2208	2220	2234	rVB4	204511	455844	1.10%	0.112%
29	10.066	2248	2264	2274	rBV4	874895	2024634	4.91%	0.497%
30	10.147	2274	2289	2303	rVB4	619420	1771769	4.29%	0.435%
31	10.307	2322	2339	2366	rVB3	734682	2042679	4.95%	0.502%
32	10.436	2366	2379	2386	rVV5	320333	697174	1.69%	0.171%
33	10.491	2386	2396	2408	rVV3	1032001	2451449	5.94%	0.602%
34	10.548	2408	2414	2429	rVB6	274526	587873	1.43%	0.144%

LSC Area Percent Report

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Acq On : 5 Apr 2021 19:24
Operator : SY/AP
Sample : M1834-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 3 Min Area: 3 % of largest Peak
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 0

Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

35	10.642	2429	2443	2450	rBV	279070	611179	1.48%	0.150%
36	10.693	2450	2459	2470	rVV2	549729	1296598	3.14%	0.318%
37	10.999	2537	2554	2563	rBV7	226652	533637	1.29%	0.131%
38	11.095	2567	2584	2604	rVV5	1503907	3946852	9.57%	0.969%
39	11.233	2604	2627	2643	rVV3	7385965	17634901	42.75%	4.332%
40	11.317	2643	2653	2675	rVB3	789489	1916512	4.65%	0.471%
41	11.712	2760	2776	2793	rVB3	272271	765510	1.86%	0.188%
42	11.838	2798	2815	2830	rBV3	234736	575708	1.40%	0.141%
43	12.021	2858	2872	2880	rBV3	436897	1011655	2.45%	0.249%
44	12.095	2880	2895	2913	rVV	4626023	11232930	27.23%	2.759%
45	12.201	2919	2928	2934	rBV6	227683	479779	1.16%	0.118%
46	12.233	2934	2938	2961	rVB5	454397	1105631	2.68%	0.272%
47	12.359	2961	2977	2992	rVB8	355916	905174	2.19%	0.222%
48	12.725	3073	3091	3109	rVV4	1791048	4437740	10.76%	1.090%
49	12.822	3109	3121	3132	rBV3	427122	916988	2.22%	0.225%
50	12.892	3132	3143	3156	rVV8	282065	747868	1.81%	0.184%
51	12.976	3156	3169	3193	rVB3	3066119	9484574	22.99%	2.330%
52	13.101	3193	3208	3225	rBV5	954973	2756497	6.68%	0.677%
53	13.330	3264	3279	3294	rVB2	908534	2391452	5.80%	0.587%
54	13.574	3334	3355	3373	rBV7	526087	1847350	4.48%	0.454%
55	13.699	3373	3394	3409	rBV2	1450703	3786600	9.18%	0.930%
56	13.896	3443	3455	3468	rVB4	479317	1213672	2.94%	0.298%
57	13.973	3468	3479	3491	rVB6	185806	420429	1.02%	0.103%
58	14.159	3523	3537	3553	rBV2	886953	1966462	4.77%	0.483%
59	14.429	3602	3621	3637	rBV2	5060262	12586351	30.51%	3.092%
60	14.500	3641	3643	3660	rVV4	545504	1049569	2.54%	0.258%
61	14.590	3660	3671	3691	rVB4	157648	563899	1.37%	0.139%
62	14.751	3704	3721	3735	rVB6	167269	466597	1.13%	0.115%
63	14.896	3749	3766	3776	rBV6	203116	504609	1.22%	0.124%
64	15.182	3834	3855	3866	rBV8	600890	1877994	4.55%	0.461%
65	15.243	3866	3874	3890	rVV7	428832	1204443	2.92%	0.296%
66	15.330	3892	3901	3915	rVB7	273362	644154	1.56%	0.158%
67	15.500	3939	3954	3955	rBV5	343371	495270	1.20%	0.122%
68	15.506	3955	3956	3970	rVB4	385405	493889	1.20%	0.121%
69	15.767	4019	4037	4056	rBV4	263111	880545	2.13%	0.216%
70	15.870	4056	4069	4092	rVB9	280773	912983	2.21%	0.224%
71	16.140	4131	4153	4176	rVB2	5559785	14820432	35.92%	3.640%

LSC Area Percent Report

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Acq On : 5 Apr 2021 19:24
Operator : SY/AP
Sample : M1834-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 3 Min Area: 3 % of largest Peak
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 0

Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

72	16.320	4203	4209	4226	rVB7	206015	498602	1.21%	0.122%
73	16.452	4228	4250	4260	rBV4	484775	1322206	3.21%	0.325%
74	16.532	4260	4275	4290	rBV2	1999784	5063891	12.27%	1.244%
75	16.670	4307	4318	4327	rVV2	1033827	2495351	6.05%	0.613%
76	16.712	4327	4331	4347	rVB3	707755	1533705	3.72%	0.377%
77	16.992	4398	4418	4429	rVV2	561912	1702575	4.13%	0.418%
78	17.069	4429	4442	4457	rVV6	1709848	5639278	13.67%	1.385%
79	17.146	4457	4466	4492	rVV3	1078769	3201062	7.76%	0.786%
80	17.288	4492	4510	4534	rVB5	951764	2708931	6.57%	0.665%
81	17.703	4619	4639	4655	rBV3	1708969	4973970	12.06%	1.222%
82	17.953	4697	4717	4743	rBV	8467557	23919057	57.98%	5.875%
83	18.194	4767	4792	4809	rBV	3834274	10762996	26.09%	2.644%
84	18.378	4828	4849	4890	rVV	12195681	41254148	100.00%	10.134%
85	18.567	4890	4908	4922	rVV4	536132	1611827	3.91%	0.396%
86	18.728	4942	4958	4972	rBV3	1215440	3279605	7.95%	0.806%
87	18.831	4972	4990	5003	rVV4	2248784	7054943	17.10%	1.733%
88	18.924	5003	5019	5051	rVV3	8692403	31347411	75.99%	7.700%
89	19.082	5051	5068	5095	rVV2	6641175	18970506	45.98%	4.660%
90	19.227	5095	5113	5129	rVV5	1139614	3155790	7.65%	0.775%
91	19.346	5141	5150	5160	rVB5	217528	451173	1.09%	0.111%
92	19.474	5160	5190	5221	rVB4	4843827	16679950	40.43%	4.097%
93	19.654	5223	5246	5259	rBV4	484437	2040678	4.95%	0.501%
94	19.747	5259	5275	5291	rVV6	849762	3120401	7.56%	0.766%
95	19.834	5291	5302	5319	rVB5	972055	2510061	6.08%	0.617%
96	20.001	5334	5354	5364	rBV6	777915	2713420	6.58%	0.667%
97	20.050	5368	5369	5397	rVB4	579119	1205775	2.92%	0.296%
98	20.201	5415	5416	5440	rVB5	195128	485627	1.18%	0.119%
99	20.432	5472	5488	5517	rVB7	524948	1825468	4.42%	0.448%
100	20.715	5575	5576	5598	rVB3	258797	456195	1.11%	0.112%

Sum of corrected areas: 407103244

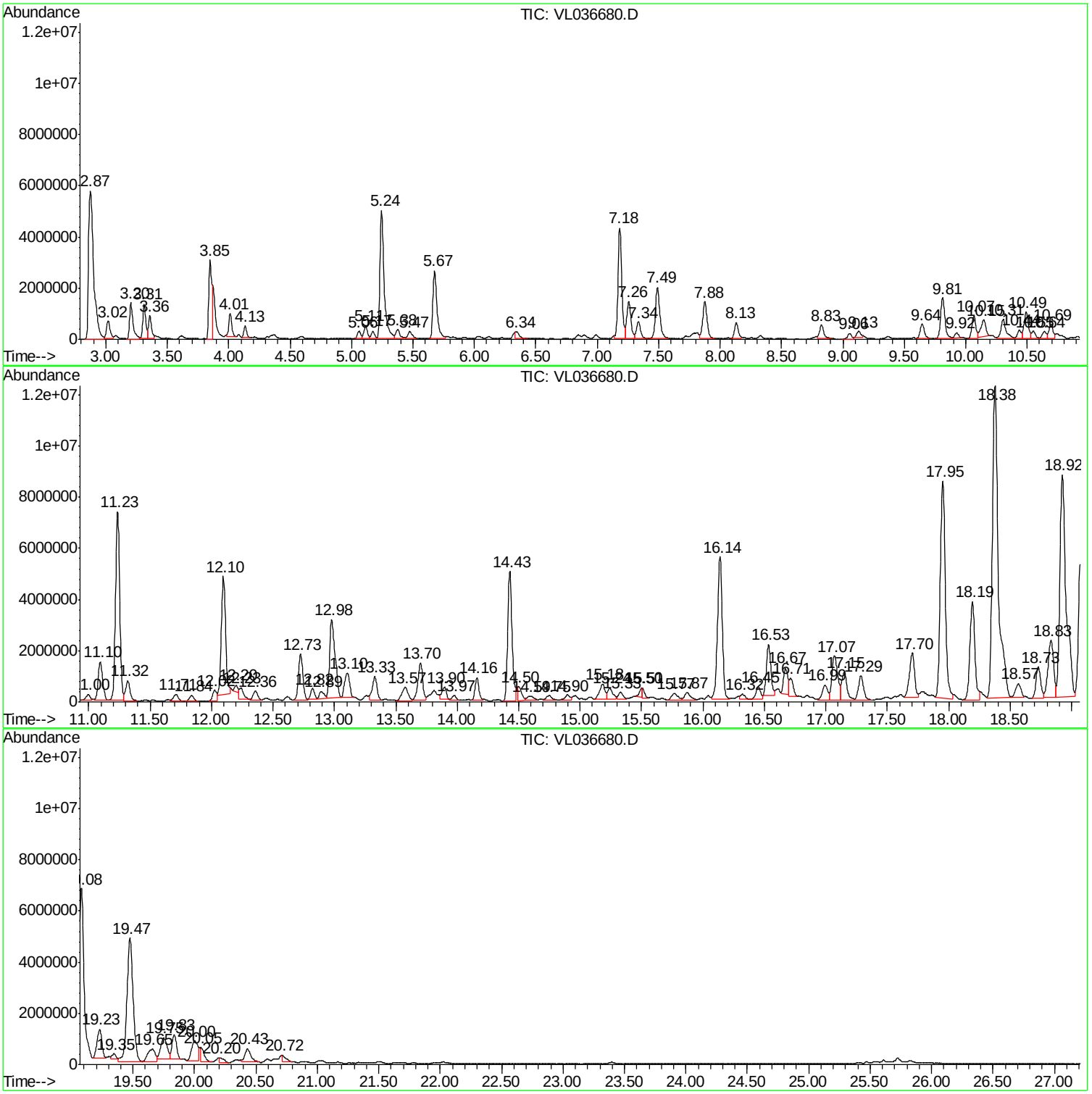
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036680.D
Acq On : 5 Apr 2021 19:24
Operator : SY/AP
Sample : M1834-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036680.D
Acq On : 5 Apr 2021 19:24
Operator : SY/AP
Sample : M1834-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

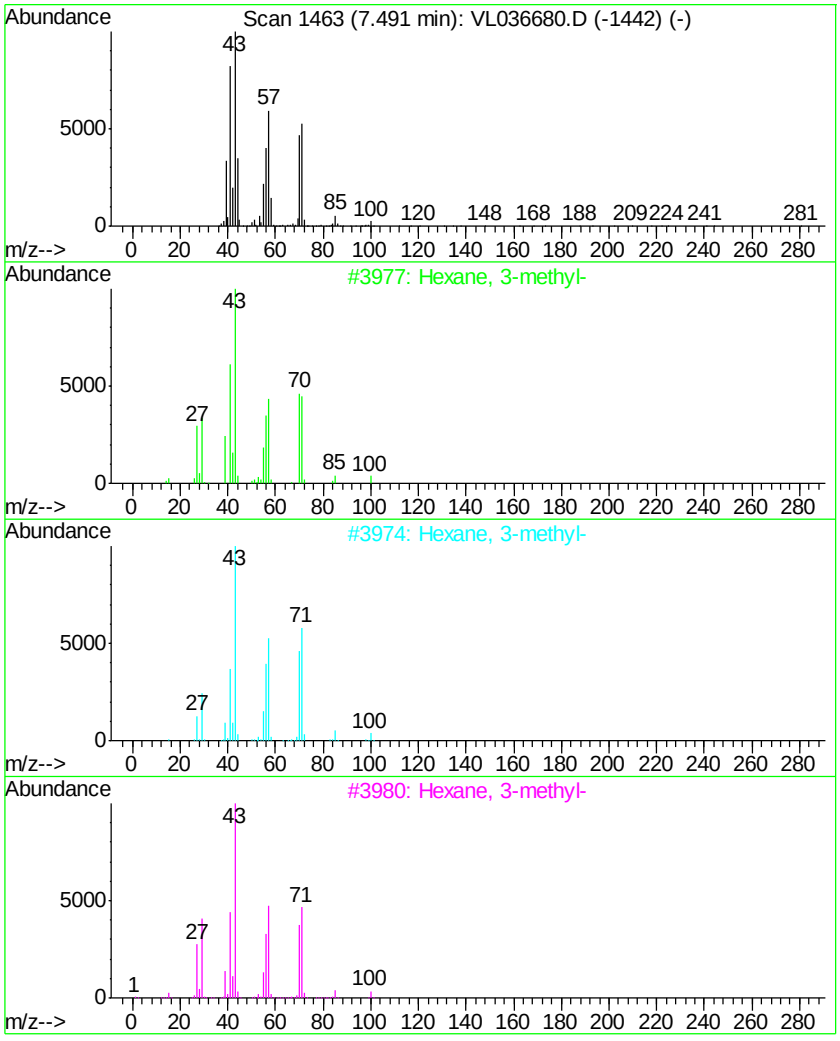
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

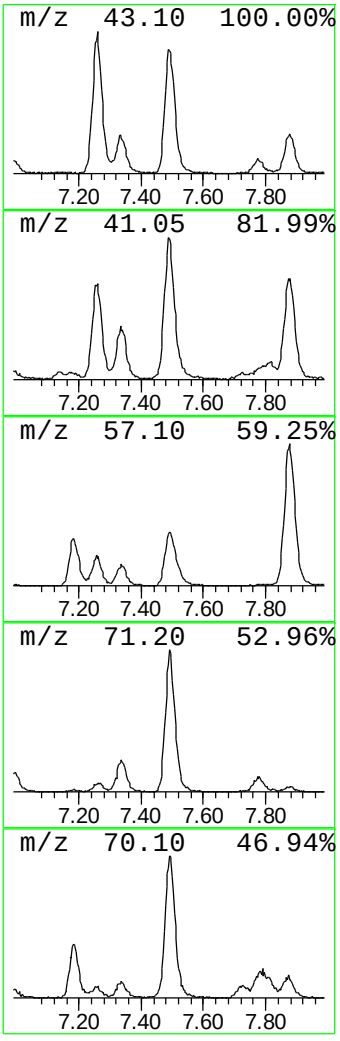
****

Peak Number 2 Hexane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	5.30 ppbv	4946390	1,4-Difluorobenzene	7.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
4	Heptane	100	C7H16	000142-82-5	59
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036680.D
Acq On : 5 Apr 2021 19:24
Operator : SY/AP
Sample : M1834-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

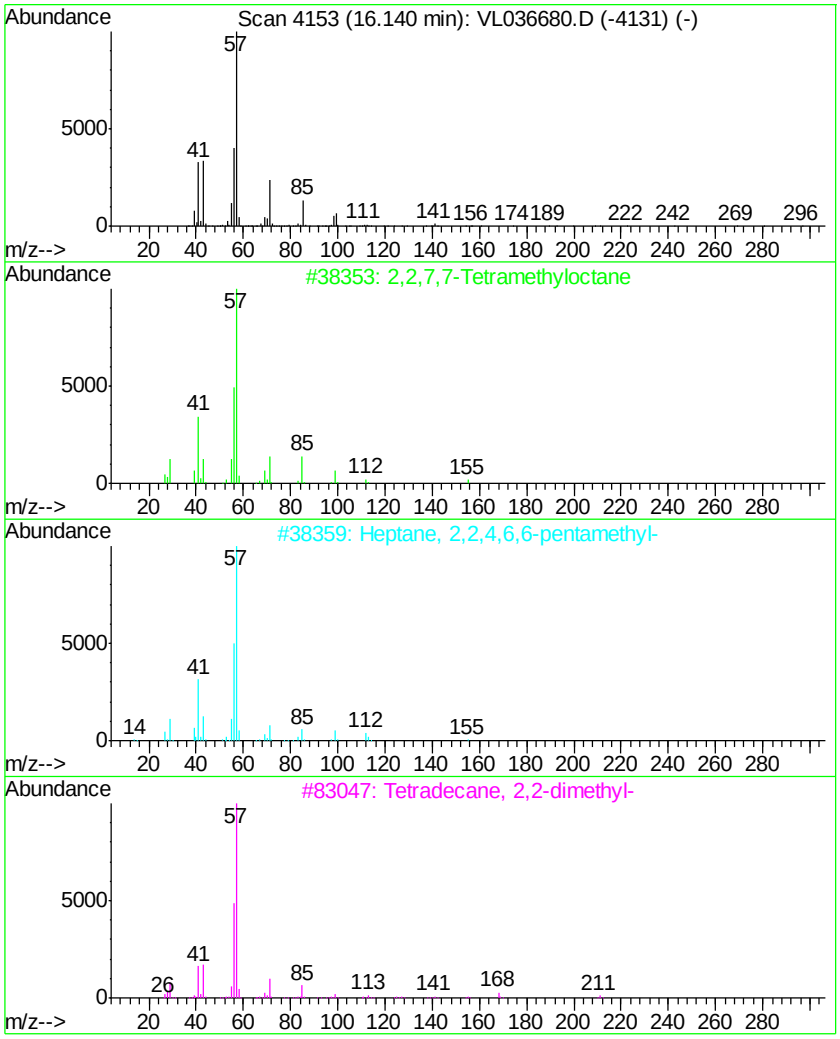
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

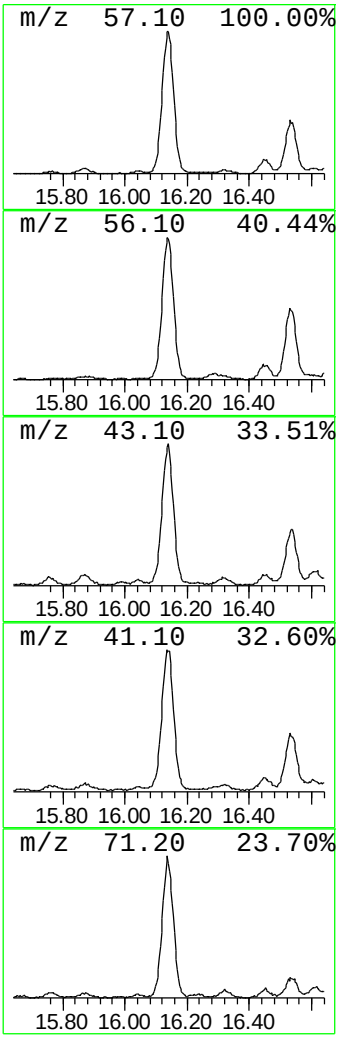
****

Peak Number 3 2,2,7,7-Tetramethyloctane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	13.19 ppbv	14820400	Chlorobenzene-d5	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	64
2	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
3	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
4	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
5	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
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Acq On : 5 Apr 2021 19:24
Operator : SY/AP
Sample : M1834-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

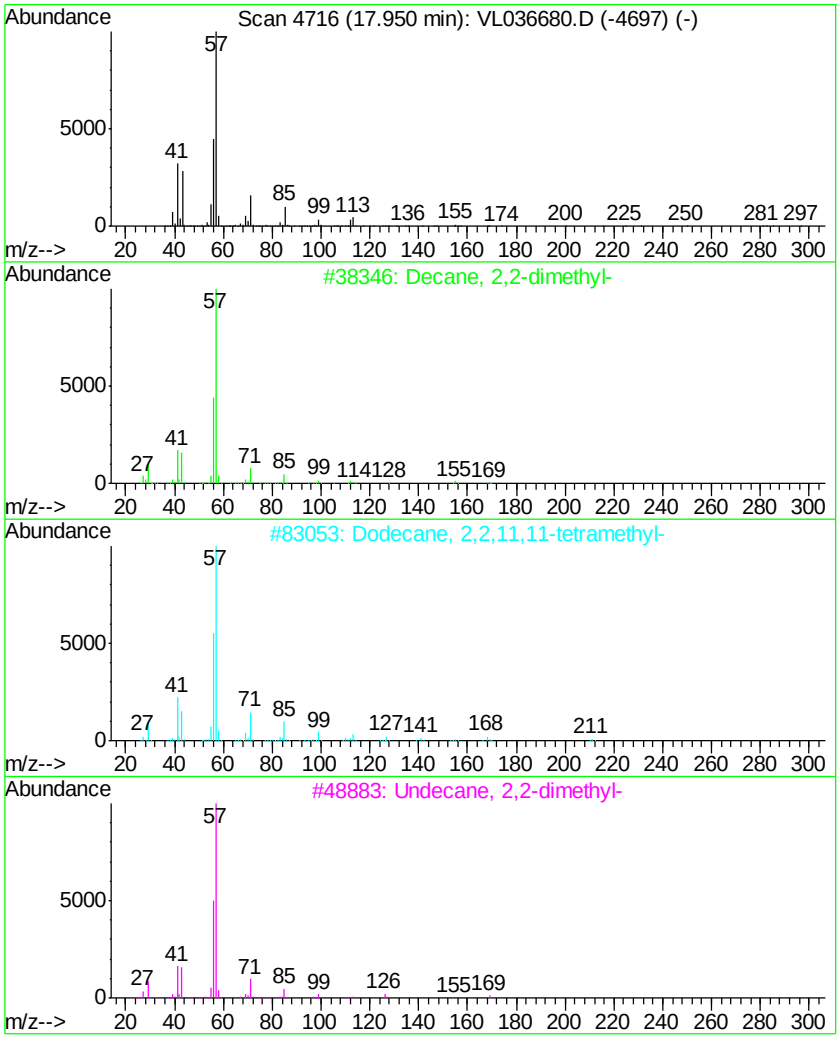
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

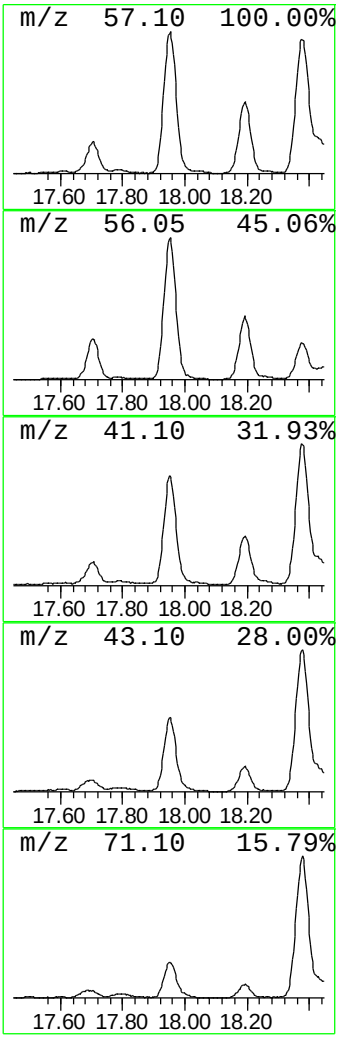
****

Peak Number 4 Decane, 2,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	21.29 ppbv	23919100	Chlorobenzene-d5	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	83
2	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	83
3	Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	78
4	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	78
5	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036680.D
Acq On : 5 Apr 2021 19:24
Operator : SY/AP
Sample : M1834-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

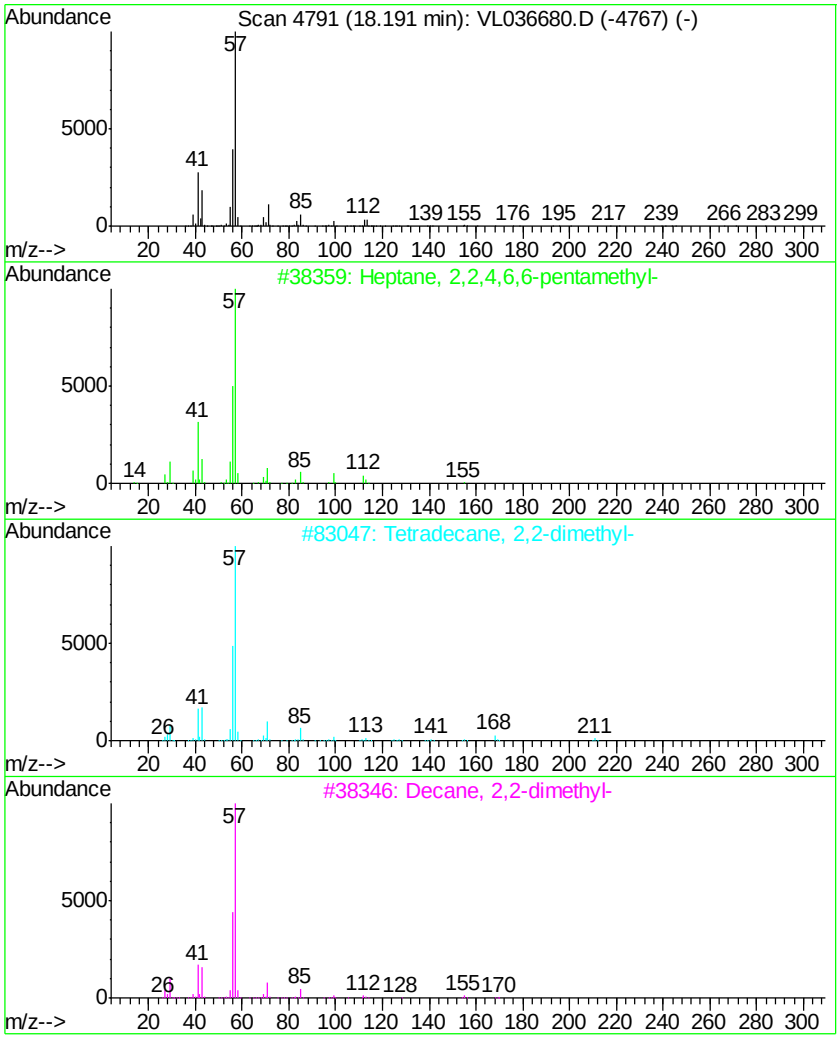
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

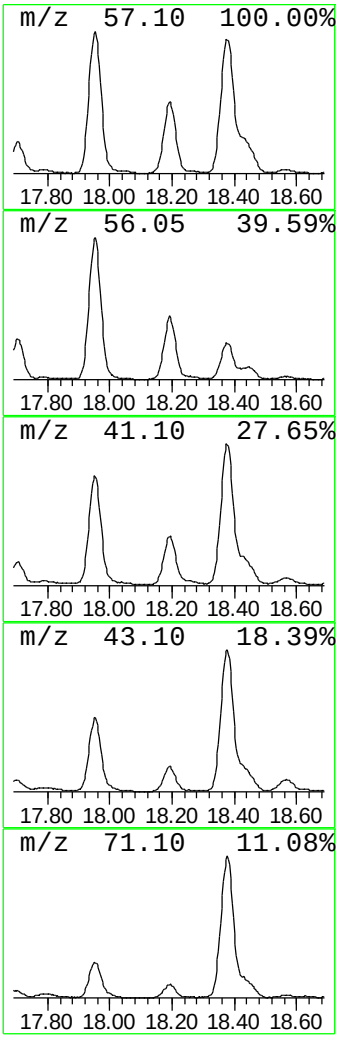
****

Peak Number 5 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	9.58 ppbv	10763000	Chlorobenzene-d5	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	83
2	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	78
3	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	78
5	Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036680.D
Acq On : 5 Apr 2021 19:24
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

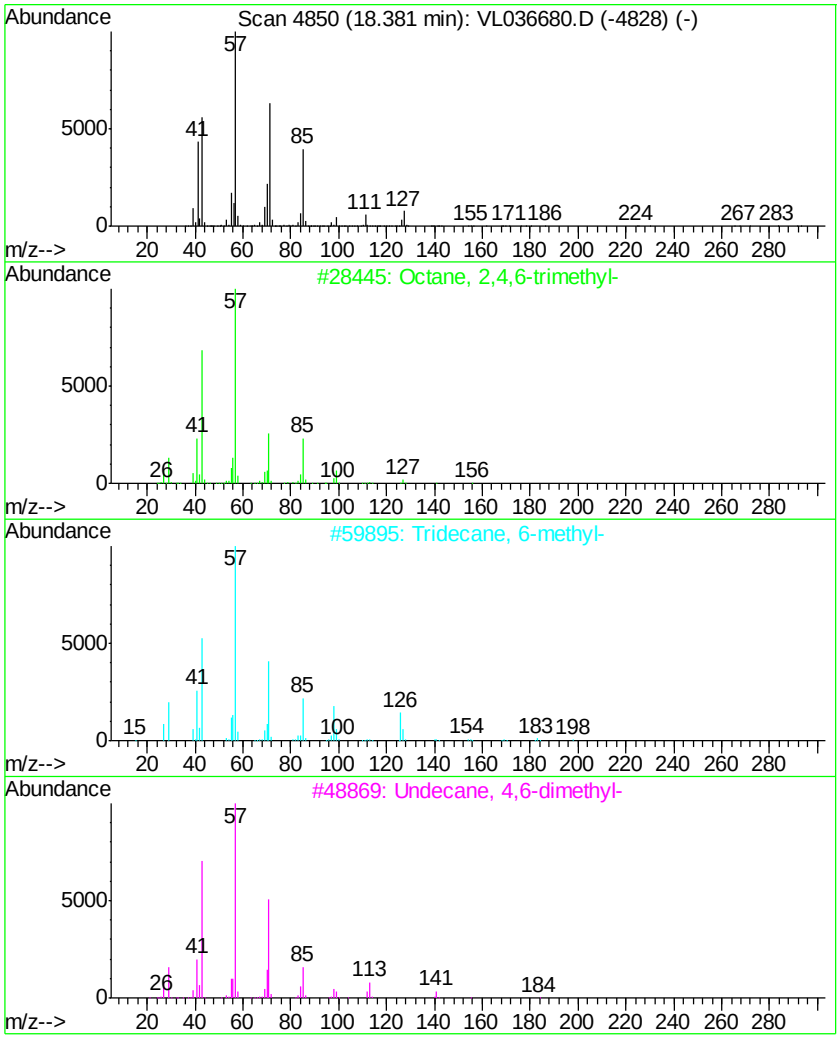
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

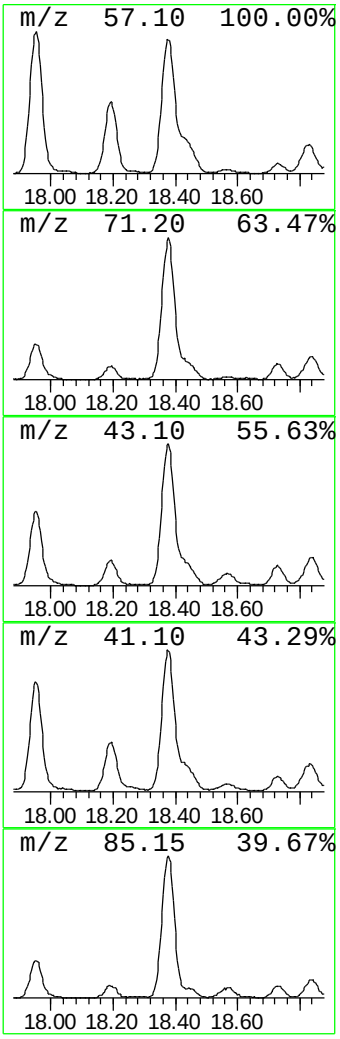
****

Peak Number 6 Octane, 2,4,6-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	36.73 ppbv	41254100	Chlorobenzene-d5	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	64
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036680.D
Acq On : 5 Apr 2021 19:24
Operator : SY/AP
Sample : M1834-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

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

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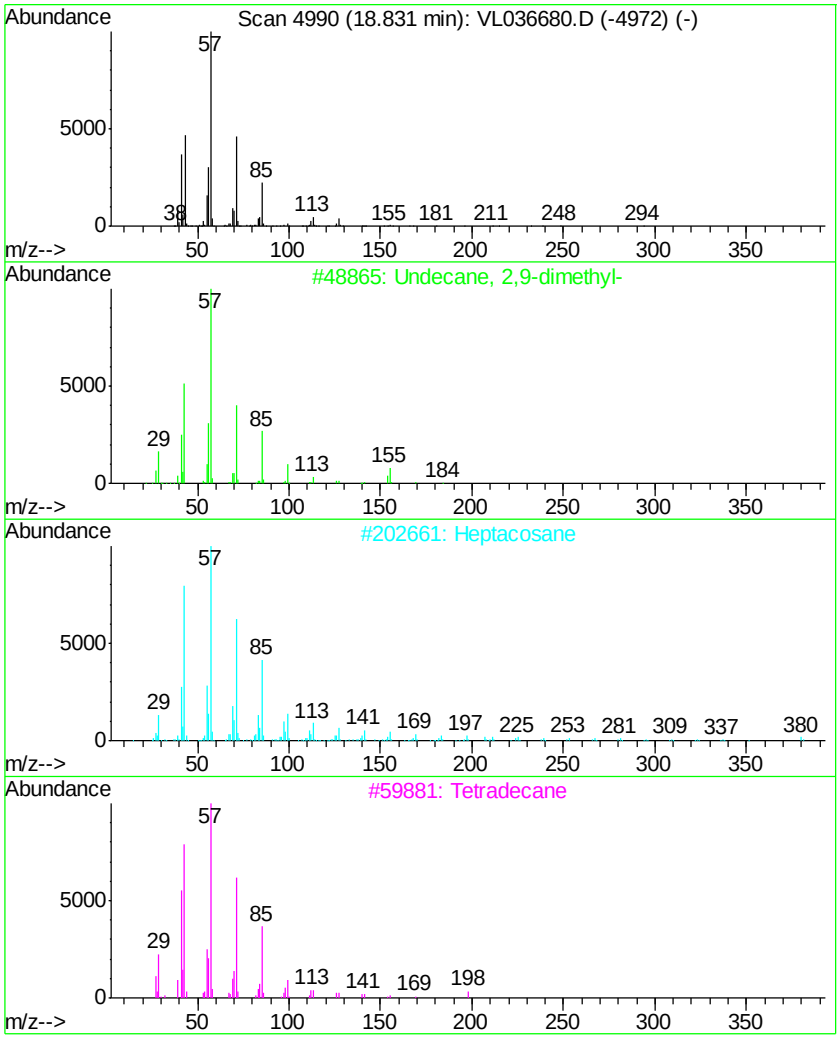
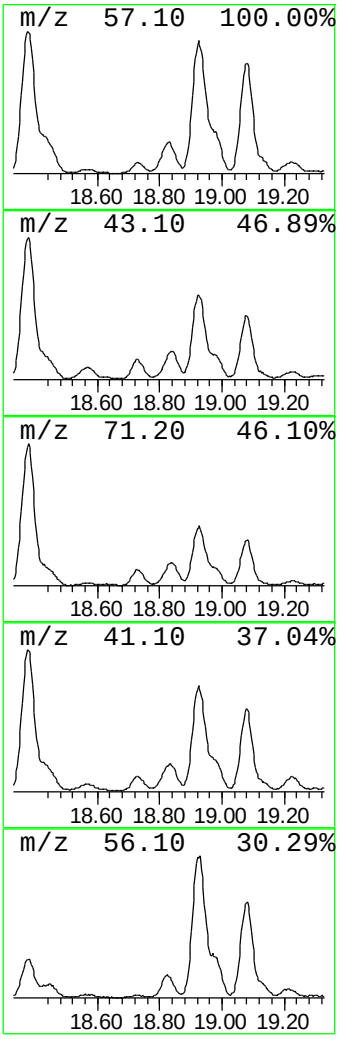
Peak Number 7 Undecane, 2,9-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	6.28 ppbv	7054940	Chlorobenzene-d5	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	83
2	Heptacosane	380	C27H56	000593-49-7	59
3	Tetradecane	198	C14H30	000629-59-4	59
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59





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Data File : VL036680.D
Acq On : 5 Apr 2021 19:24
Operator : SY/AP
Sample : M1834-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

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

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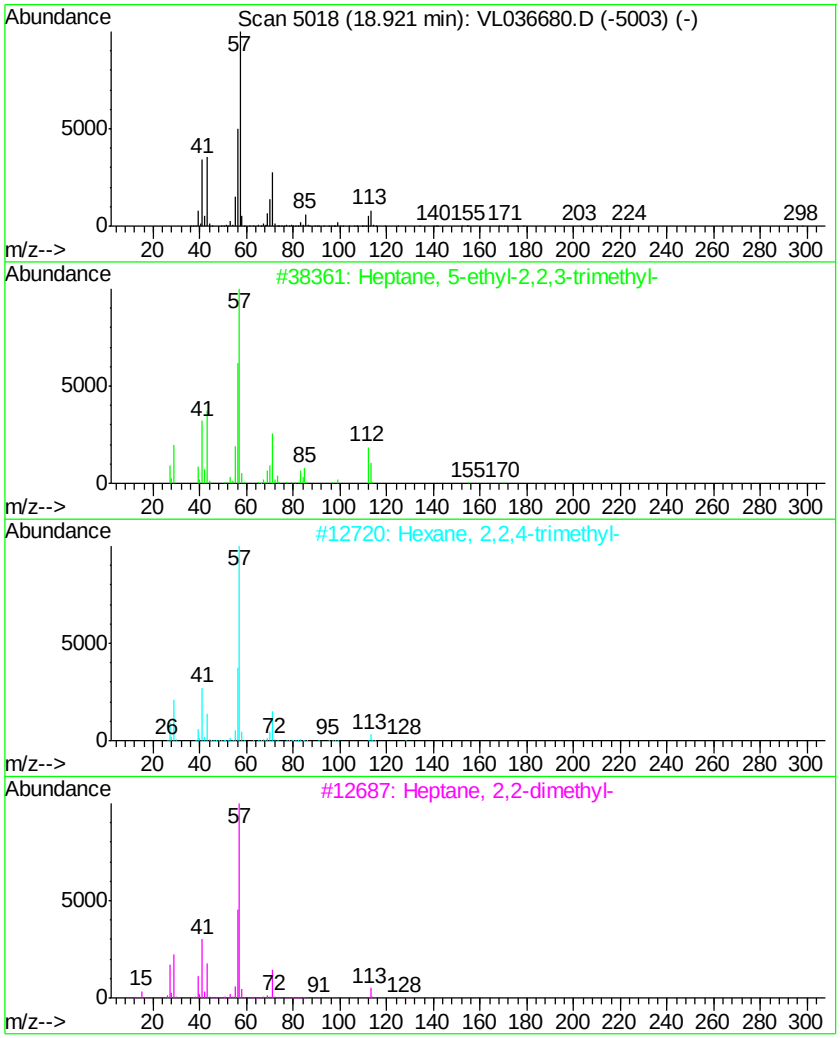
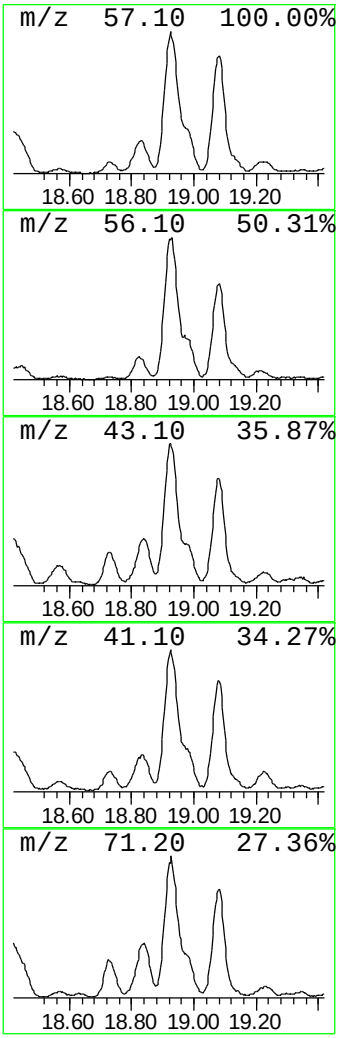
Peak Number 8 Heptane, 5-ethyl-2,2,3-trim... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	27.91 ppbv	31347400	Chlorobenzene-d5	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	74
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036680.D
Acq On : 5 Apr 2021 19:24
Operator : SY/AP
Sample : M1834-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

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

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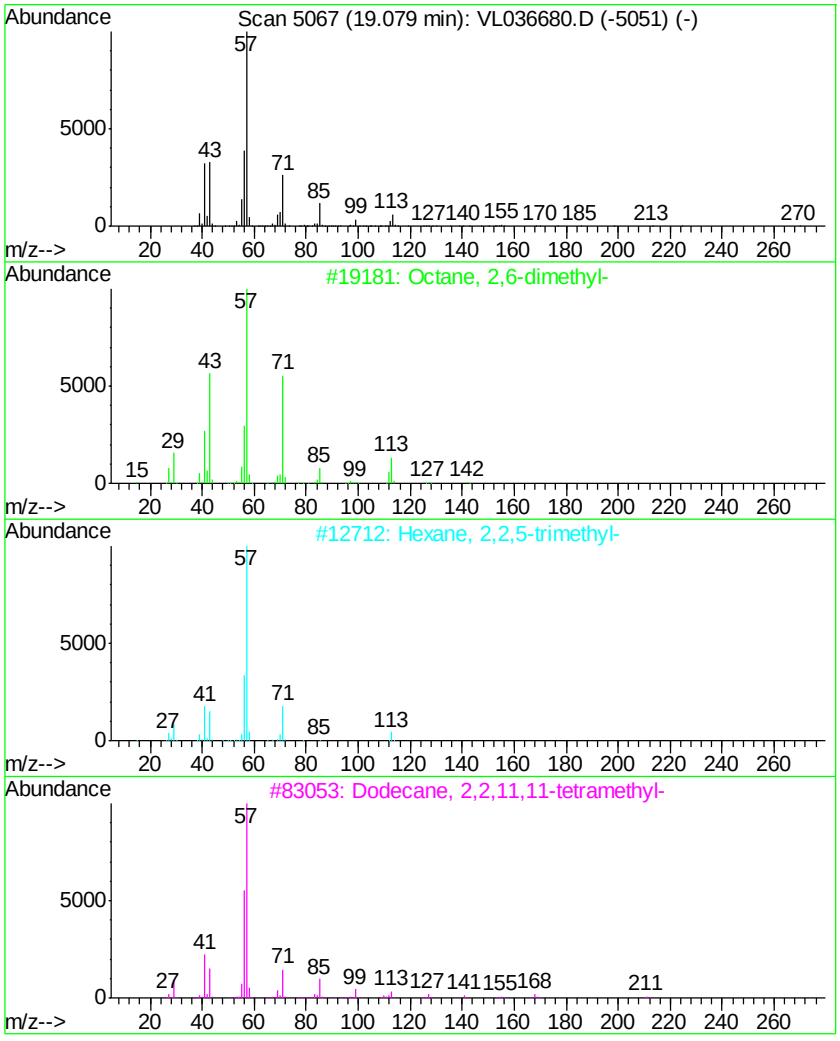
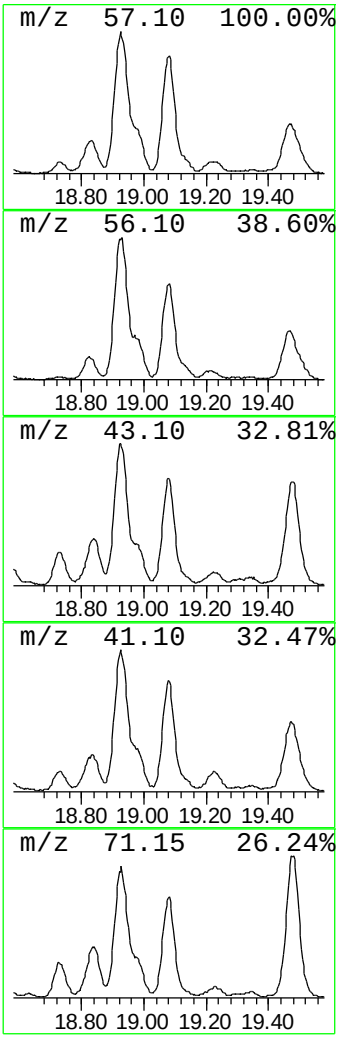
Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	16.89 ppbv	18970500	Chlorobenzene-d5	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
3	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	64
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64
5	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036680.D
Acq On : 5 Apr 2021 19:24
Operator : SY/AP
Sample : M1834-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

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

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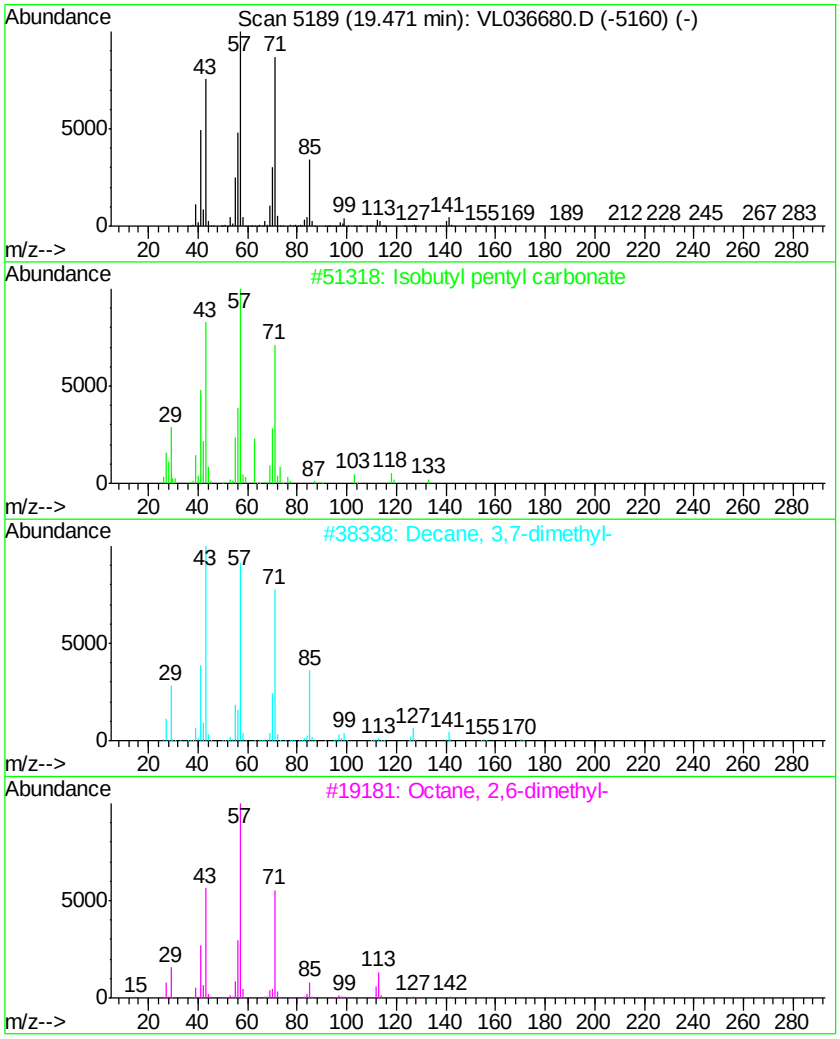
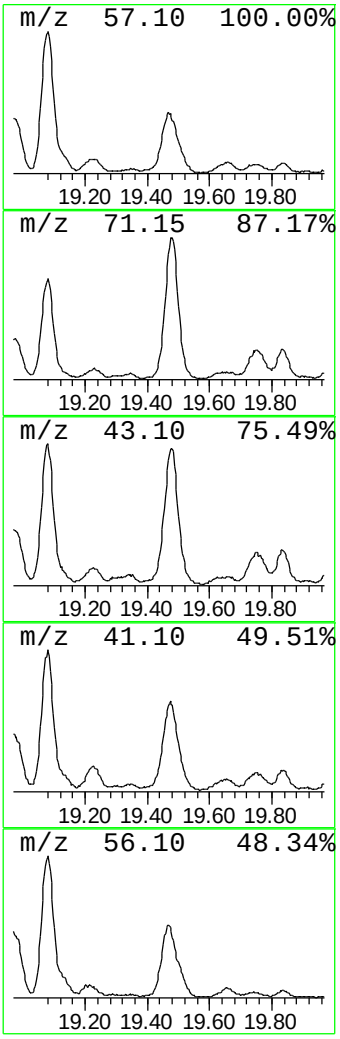
Peak Number 10 Isobutyl pentyl carbonate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	14.85 ppbv	16680000	Chlorobenzene-d5	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	64
2	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	59
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
5	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036680.D
Acq On : 5 Apr 2021 19:24
Operator : SY/AP
Sample : M1834-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexane, 3-methyl-	7.49	5.3	ppbv	4946390	2	7.19	9333350	10.0
2,2,7,7-Tetrameth...	16.14	13.2	ppbv	14820400	3	12.10	11232900	10.0
Decane, 2,2-dimet...	17.95	21.3	ppbv	23919100	3	12.10	11232900	10.0
Heptane, 2,2,4,6,...	18.19	9.6	ppbv	10763000	3	12.10	11232900	10.0
Octane, 2,4,6-tri...	18.38	36.7	ppbv	41254100	3	12.10	11232900	10.0
Undecane, 2,9-dim...	18.83	6.3	ppbv	7054940	3	12.10	11232900	10.0
Heptane, 5-ethyl-...	18.92	27.9	ppbv	31347400	3	12.10	11232900	10.0
Octane, 2,6-dimet...	19.08	16.9	ppbv	18970500	3	12.10	11232900	10.0
Isobutyl pentyl c...	19.47	14.9	ppbv	16680000	3	12.10	11232900	10.0