LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

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\VL041725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

Signal : TIC: VL042364.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.431	410	415	421	rBV	4149797	4633093	100.00%	10.435%
2	1.470	424	427	430	rBV2	104544	55900	1.21%	0.126%
3	1.561	451	455	460	rVB	325870	164351	3.55%	0.370%
4	1.622	471	474	478	rVB	267365	141899	3.06%	0.320%
5	1.722	501	505	511	rBV	748457	445609	9.62%	1.004%
6	1.845	535	543	548	rBV2	329873	338063	7.30%	0.761%
7	1.887	548	556	560	rBV2	75922	63419	1.37%	0.143%
8	1.965	576	580	586	rVB	172765	116220	2.51%	0.262%
9	2.066	602	611	615	rBV	249554	217788	4.70%	0.491%
10	2.477	733	738	745	rVB	138280	139694	3.02%	0.315%
11	2.629	777	785	793	rVB	106940	112510	2.43%	0.253%
12	2.791	828	835	841	rBV	431863	450687	9.73%	1.015%
13	2.829	841	847	859	rVB	368014	415026	8.96%	0.935%
14	3.234	963	972	981	rVB2	101903	137733	2.97%	0.310%
15	3.664	1093	1105	1110	rBV	46422	72602	1.57%	0.164%
16	3.694	1110	1114	1127	rVB2	43376	61368	1.32%	0.138%
17	3.862	1154	1166	1178	rBV3	102022	173665	3.75%	0.391%
18	3.962	1184	1197	1211	rBV	571622	923144	19.93%	2.079%
19	4.059	1211	1227	1234	rVV2	164939	291971	6.30%	0.658%
20	4.101	1234	1240	1252	rVB	70413	118333	2.55%	0.267%
21	4.276	1281	1294	1309	rVB4	200690	389529	8.41%	0.877%
22	4.448	1335	1347	1360	rBV4	38252	78598	1.70%	0.177%
23	4.529	1360	1372	1377	rBV7	33332	65230	1.41%	0.147%
24	4.600	1386	1394	1403	rBV5	37203	72872	1.57%	0.164%
25	4.648	1403	1409	1423	rVB3	27611	51410	1.11%	0.116%
26	4.988	1498	1514	1527	rBV3	106918	223015	4.81%	0.502%
27	5.678	1703	1727	1741	rBV5	105024	283698	6.12%	0.639%
28	5.762	1741	1753	1781	rVB2	468862	1203007	25.97%	2.709%
29	6.940	2102	2117	2135	rVB2	170021	346999	7.49%	0.782%
30	7.380	2242	2253	2263	rBV4	37248	71468	1.54%	0.161%
31	7.623	2309	2328	2339	rBV9	67933	196349	4.24%	0.442%
32	7.697	2339	2351	2363	rVB6	55829	128625	2.78%	0.290%
33	8.141	2475	2488	2505	rVB6	42865	79432	1.71%	0.179%
34	8.309	2521	2540	2557	rVB6	112011	269748	5.82%	0.608%
35	8.885	2702	2718	2729	rBV	781432	1217152	26.27%	2.741%
36	8.985	2740	2749	2764	rVB6	126336	242099	5.23%	0.545%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

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\VL041725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

37	9.102	2777	2785	2792	rBV4	40278	55304	1.19%	0.125%
38	9.151	2792	2800	2812	rVB3	84218	133718	2.89%	0.301%
39	9.358	2854	2864	2877	rBV	280648	463786	10.01%	1.045%
40	9.422	2877	2884	2892	rVB3	69732	95712	2.07%	0.216%
41	9.536	2901	2919	2936	rVV	1164405	2116857	45.69%	4.768%
42	9.636	2936	2950	2954	rVV6	56495	100418	2.17%	0.226%
43	9.659	2954	2957	2966	rVV6	65775	97391	2.10%	0.219%
44	9.736	2966	2981	2993	rVB5	267004	626021	13.51%	1.410%
45	9.863	3008	3020	3029	rBV2	311391	506480	10.93%	1.141%
46	9.969	3038	3053	3061	rBV	655737	1016424	21.94%	2.289%
47	10.002	3061	3063	3073	rVB6	40417	49397	1.07%	0.111%
48	10.083	3078	3088	3090	rBV5	91090	117524	2.54%	0.265%
49	10.105	3090	3095	3102	rVV2	157502	195241	4.21%	0.440%
50	10.151	3102	3109	3116	rVB5	60311	84868	1.83%	0.191%
51	10.219	3123	3130	3140	rVB4	45767	82068	1.77%	0.185%
52	10.358	3157	3173	3175	rBV	490847	590277	12.74%	1.329%
53	10.380	3175	3180	3189	rVV2	963010	1211002	26.14%	2.727%
54	10.435	3189	3197	3205	rVB4	124000	168154	3.63%	0.379%
55	10.484	3205	3212	3223	rVB2	46059	61037	1.32%	0.137%
56	10.546	3223	3231	3237	rBV2	59415	76998	1.66%	0.173%
57	10.620	3247	3254	3257	rBV5	39108	50070	1.08%	0.113%
58	10.668	3264	3269	3276	rVB5	66224	78523	1.69%	0.177%
59	10.775	3290	3302	3306	rBV4	127688	199251	4.30%	0.449%
60	10.801	3306	3310	3316	rVB4	72740	85572	1.85%	0.193%
61	10.859	3322	3328	3334	rVB6	106690	130595	2.82%	0.294%
62	10.905	3334	3342	3354	rVB2	160051	200667	4.33%	0.452%
63	10.992	3354	3369	3383	rBV	296314	516710	11.15%	1.164%
64	11.063	3383	3391	3395	rBV5	32012	49171	1.06%	0.111%
65	11.099	3395	3402	3408	rBV	1169118	1337061	28.86%	3.011%
66	11.128	3408	3411	3423	rVB	471907	523138	11.29%	1.178%
67	11.206	3423	3435	3443	rBV2	686425	846901	18.28%	1.907%
68	11.261	3443	3452	3455	rBV2	151827	172159	3.72%	0.388%
69	11.283	3455	3459	3465	rVV	234651	241062	5.20%	0.543%
70	11.319	3465	3470	3473	rVV2	259775	261073	5.63%	0.588%
71	11.342	3473	3477	3483	rVV2	349729	367602	7.93%	0.828%
72	11.406	3491	3497	3503	rBV	307987	334467	7.22%	0.753%
73	11.539	3530	3538	3548	rBV	1872101	2110344	45.55%	4.753%
74	11.594	3548	3555	3568	rVV6	132128	228622	4.93%	0.515%
75	11.652	3568	3573	3578	rVB3	43425	46638	1.01%	0.105%
76	11.730	3586	3597	3599	rBV5	93777	128576	2.78%	0.290%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

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\VL041725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

77	11.756	3599	3605	3619	rVB4	633132	920681	19.87%	2.074%
78	11.850	3623	3634	3635	rBV5	37483	47215	1.02%	0.106%
79	11.885	3638	3645	3652	rVB	537515	586531	12.66%	1.321%
80	11.947	3660	3664	3671	rVB5	67259	81107	1.75%	0.183%
81	12.021	3676	3687	3692	rBV	333753	435569	9.40%	0.981%
82	12.044	3692	3694	3705	rVB7	139527	130568	2.82%	0.294%
83	12.102	3705	3712	3719	rBV3	90572	108796	2.35%	0.245%
84	12.138	3719	3723	3728	rBV2	79624	73253	1.58%	0.165%
85	12.174	3728	3734	3738	rBV3	117841	130693	2.82%	0.294%
86	12.199	3738	3742	3746	rVV	143236	141085	3.05%	0.318%
87	12.229	3746	3751	3759	rVB	467234	476714	10.29%	1.074%
88	12.274	3759	3765	3768	rBV	179042	194053	4.19%	0.437%
89	12.300	3768	3773	3779	rVB2	380804	400390	8.64%	0.902%
90	12.410	3801	3807	3813	rVB2	298175	316513	6.83%	0.713%
91	12.445	3813	3818	3823	rVB2	183142	174893	3.77%	0.394%
92	12.481	3823	3829	3833	rBV2	197231	196802	4.25%	0.443%
93	12.510	3833	3838	3841	rVV	313592	347242	7.49%	0.782%
94	12.526	3841	3843	3847	rVV	252288	241485	5.21%	0.544%
95	12.549	3847	3850	3856	rVB2	301391	277853	6.00%	0.626%
96	12.591	3856	3863	3875	rVB2	466121	676215	14.60%	1.523%
97	12.659	3875	3884	3893	rBV6	60639	102007	2.20%	0.230%
98	12.708	3893	3899	3904	rVB4	46781	47360	1.02%	0.107%
99	12.779	3916	3921	3923	rBV4	68935	69048	1.49%	0.156%
100	12.798	3923	3927	3932	rVV3	110336	139085	3.00%	0.313%
101	12.831	3932	3937	3943	rVV	587974	573659	12.38%	1.292%
102	12.866	3943	3948	3957	rVB9	87146	110674	2.39%	0.249%
103	12.921	3957	3965	3970	rBV	242531	271089	5.85%	0.611%
104	12.957	3970	3976	3984	rVB	326239	326847	7.05%	0.736%
105	13.005	3984	3991	4003	rVB8	182555	280271	6.05%	0.631%
106	13.070	4003	4011	4017	rVB5	59101	70192	1.52%	0.158%
107	13.109	4017	4023	4025	rBV2	121761	136125	2.94%	0.307%
108	13.132	4025	4030	4037	rVV2	307754	349809	7.55%	0.788%
109	13.170	4037	4042	4047	rVV3	215301	249142	5.38%	0.561%
110	13.193	4047	4049	4054	rVB3	107681	79356	1.71%	0.179%
111	13.232	4054	4061	4067	rBV2	367868	470558	10.16%	1.060%
112	13.261	4067	4070	4075	rVB	150124	137242	2.96%	0.309%
113	13.300	4075	4082	4087	rBV6	69995	89398	1.93%	0.201%
114	13.335	4087	4093	4105	rVV4	385543	542668	11.71%	1.222%
115	13.391	4105	4110	4115	rVB3	186237	196017	4.23%	0.441%
116	13.429	4115	4122	4126	rBV4	146994	158744	3.43%	0.358%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

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\VL041725AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

117	13.455	4126	4130	4135	rVV	80751	69670	1.50%	0.157%
118	13.488	4135	4140	4145	rVB2	94425	81797	1.77%	0.184%
119	13.520	4145	4150	4153	rBV3	68492	72156	1.56%	0.163%
120	13.539	4153	4156	4162	rVB3	95753	92681	2.00%	0.209%
121	13.578	4162	4168	4172	rBV3	173093	195963	4.23%	0.441%
122	13.598	4172	4174	4179	rVB3	119430	81756	1.76%	0.184%
123	13.643	4179	4188	4189	rBV6	60364	72165	1.56%	0.163%
124	13.666	4189	4195	4205	rVB6	246716	408512	8.82%	0.920%
125	13.730	4205	4215	4220	rBV	460485	449619	9.70%	1.013%
126	13.756	4220	4223	4232	rVB4	68513	86243	1.86%	0.194%
127	13.834	4232	4247	4252	rBV5	175394	252466	5.45%	0.569%
128	13.863	4252	4256	4260	rVV2	91811	92889	2.00%	0.209%
129	13.905	4260	4269	4274	rVB5	109145	151323	3.27%	0.341%
130	13.983	4289	4293	4300	rVB5	86029	95999	2.07%	0.216%
131	14.035	4300	4309	4311	rVV8	66732	78173	1.69%	0.176%
132	14.051	4311	4314	4322	rVV8	53143	77862	1.68%	0.175%
133	14.099	4322	4329	4330	rVV5	106160	93376	2.02%	0.210%
134	14.112	4330	4333	4345	rVB2	124824	173301	3.74%	0.390%
135	14.239	4362	4372	4386	rVB2	268438	419237	9.05%	0.944%
136	14.306	4386	4393	4399	rBV8	61120	66847	1.44%	0.151%
137	14.345	4399	4405	4411	rBV4	98409	120313	2.60%	0.271%
138	14.452	4430	4438	4446	rBV4	140829	193470	4.18%	0.436%
139	14.491	4446	4450	4455	rVV7	46602	50798	1.10%	0.114%
140	14.527	4455	4461	4473	rVB	206040	238966	5.16%	0.538%
141	14.591	4473	4481	4487	rBV4	40320	55723	1.20%	0.126%
142	14.669	4498	4505	4517	rBV7	132742	229855	4.96%	0.518%
143	14.792	4540	4543	4552	rVB8	38282	48662	1.05%	0.110%
144	15.106	4635	4640	4649	rVB10	42110	61795	1.33%	0.139%
145	15.245	4673	4683	4691	rVB7	78664	109219	2.36%	0.246%
146	15.585	4779	4788	4802	rVB7	49036	73265	1.58%	0.165%

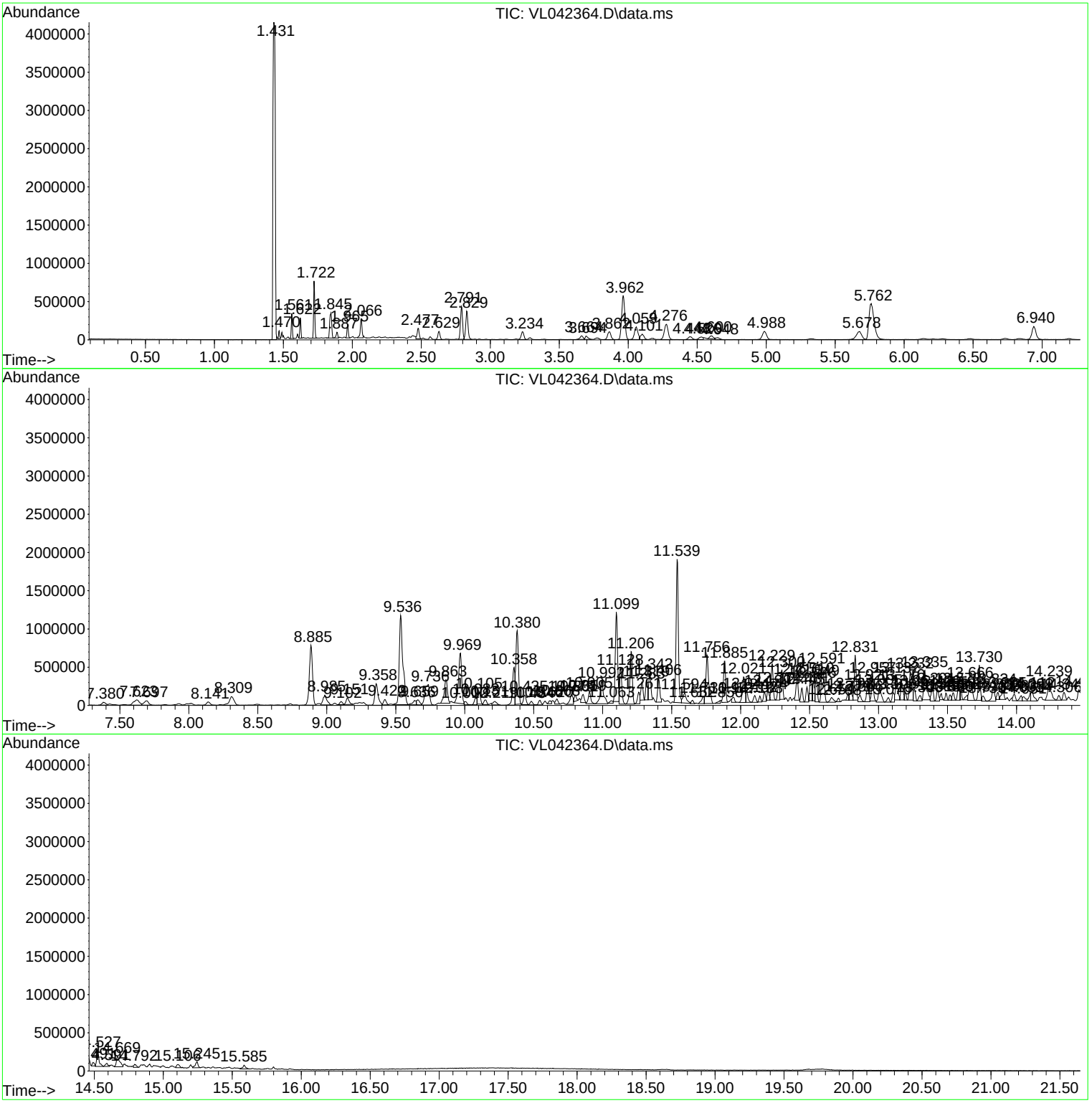
Sum of corrected areas: 44400235

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

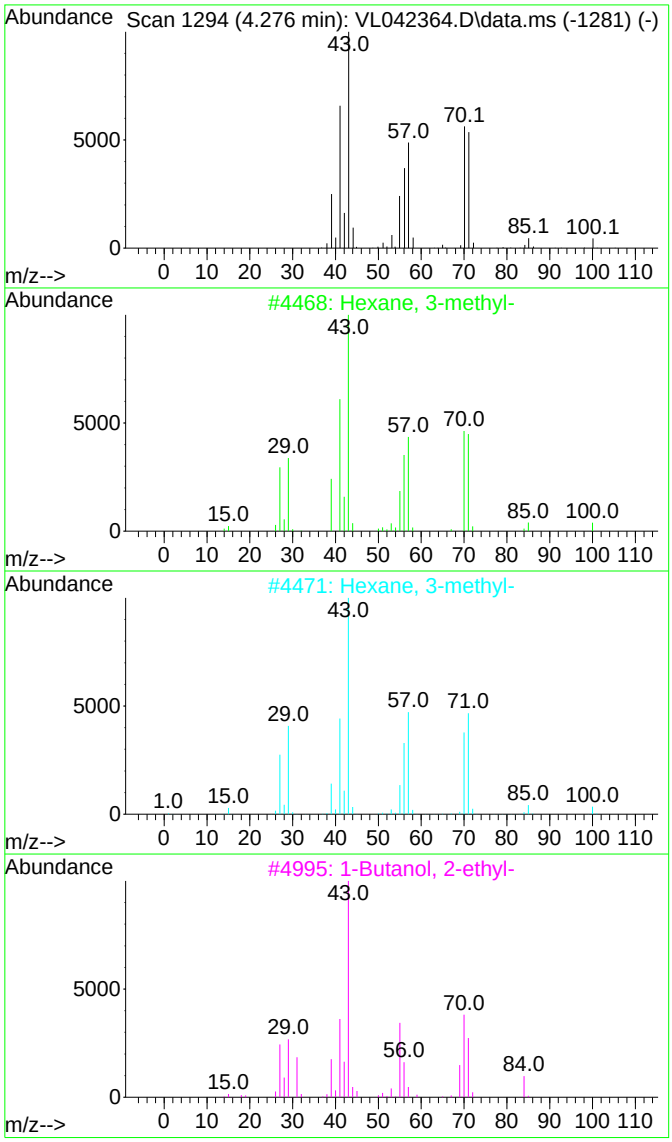
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

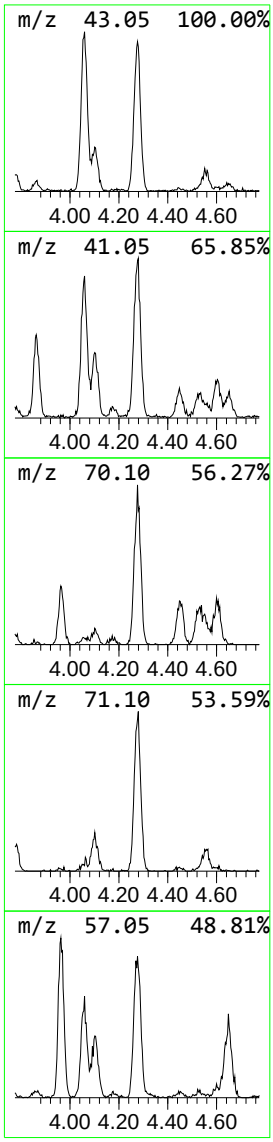
****

Peak Number 1 Hexane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.276	4.22 ppbv	389529	1,4-Difluorobenzene	3.962

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	78
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

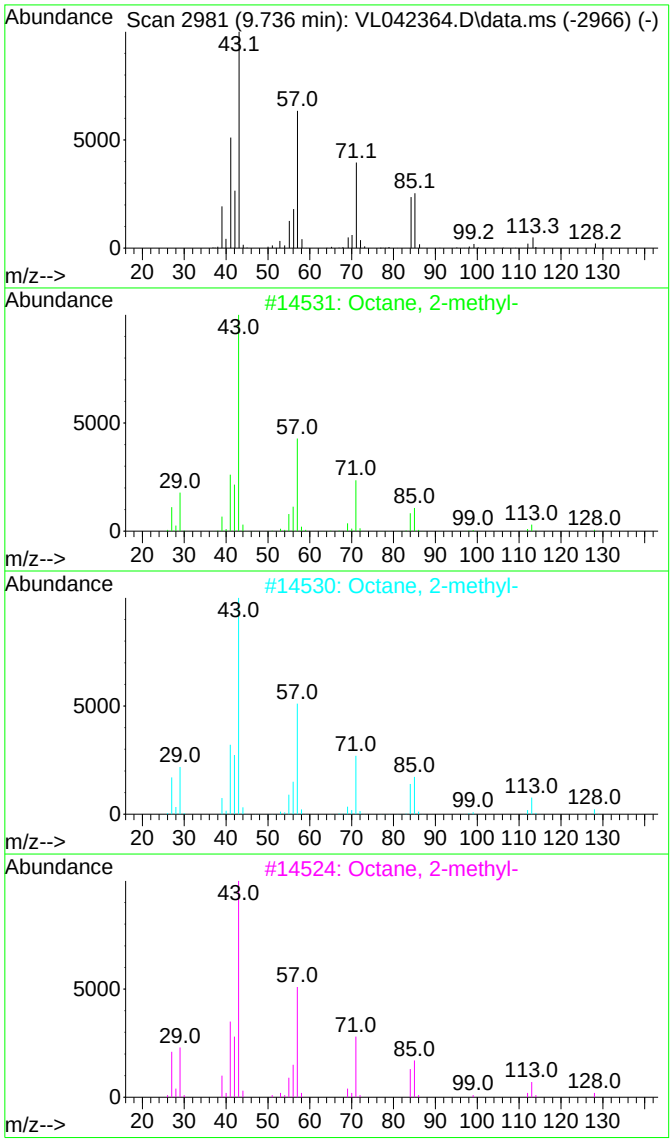
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

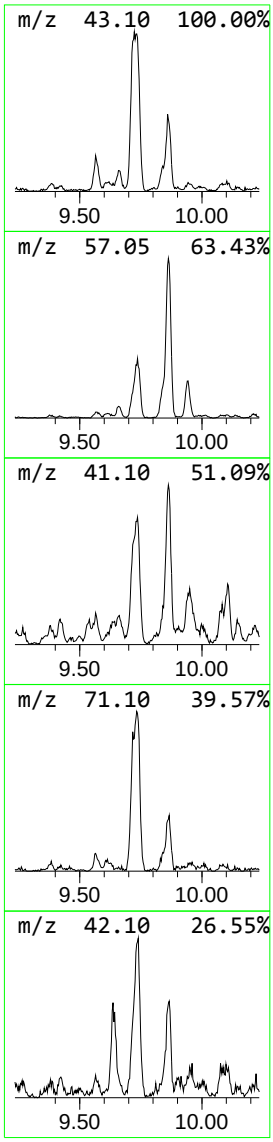
****

Peak Number 2 Octane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.736	5.14 ppbv	626021	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	91
2	Octane, 2-methyl-	128	C9H20	003221-61-2	90
3	Octane, 2-methyl-	128	C9H20	003221-61-2	72
4	Octane, 4-methyl-	128	C9H20	002216-34-4	72
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

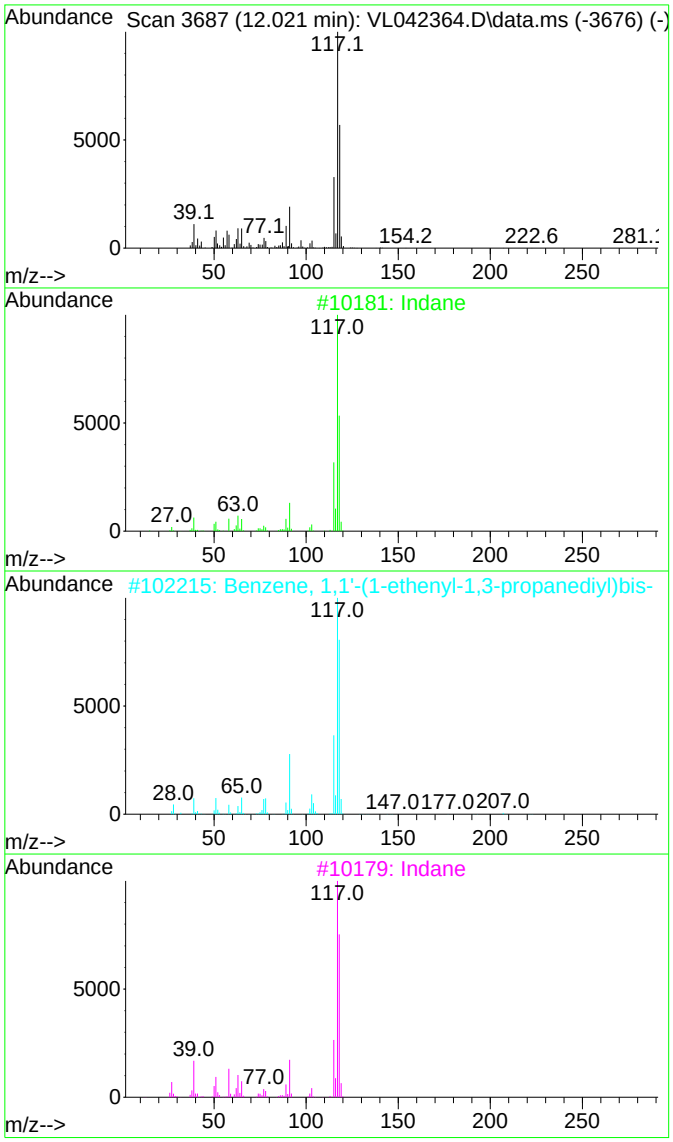
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

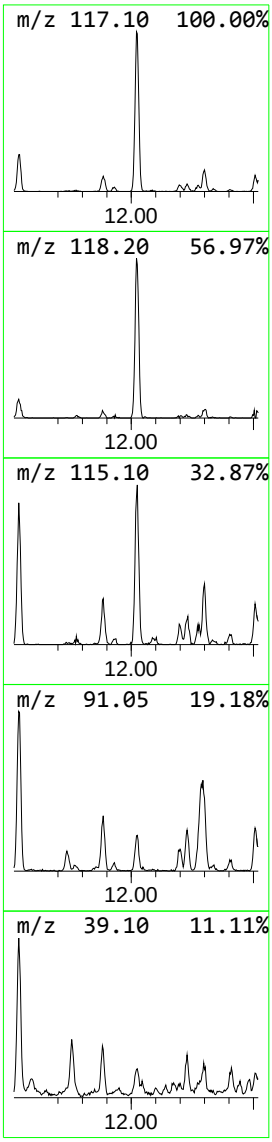
****

Peak Number 3 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	3.58 ppbv	435569	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91
3	Indane	118	C9H10	000496-11-7	89
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

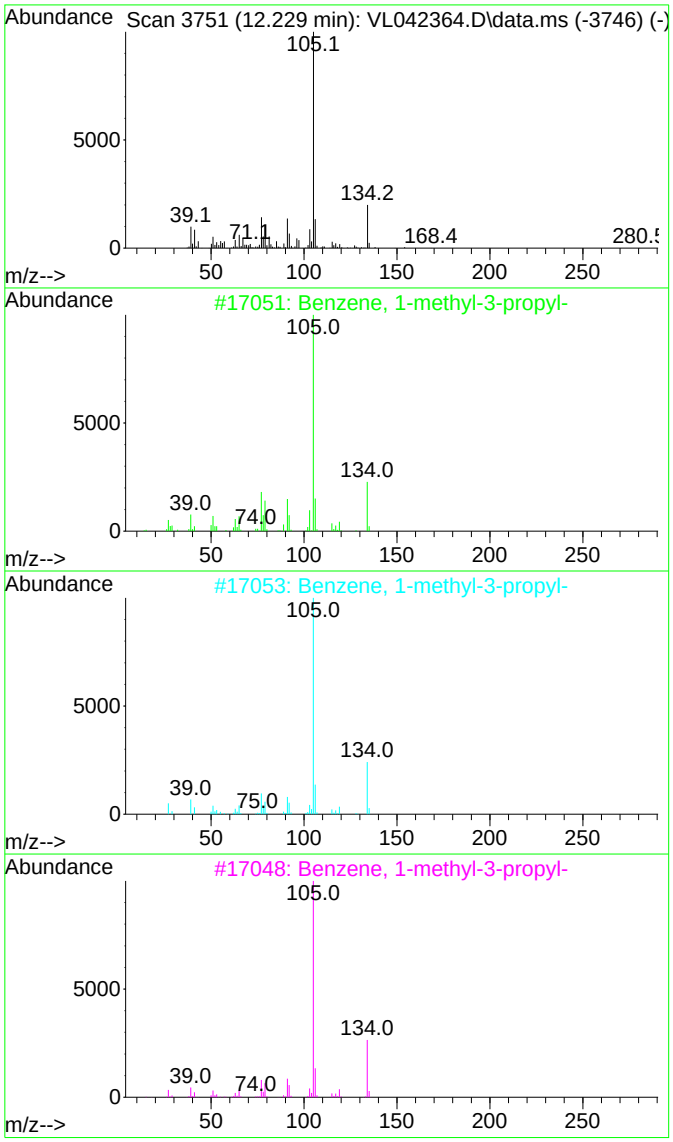
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

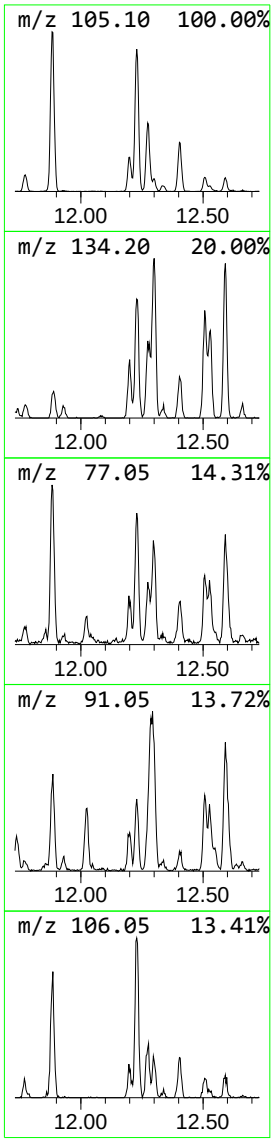
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.229	3.92 ppbv	476714	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

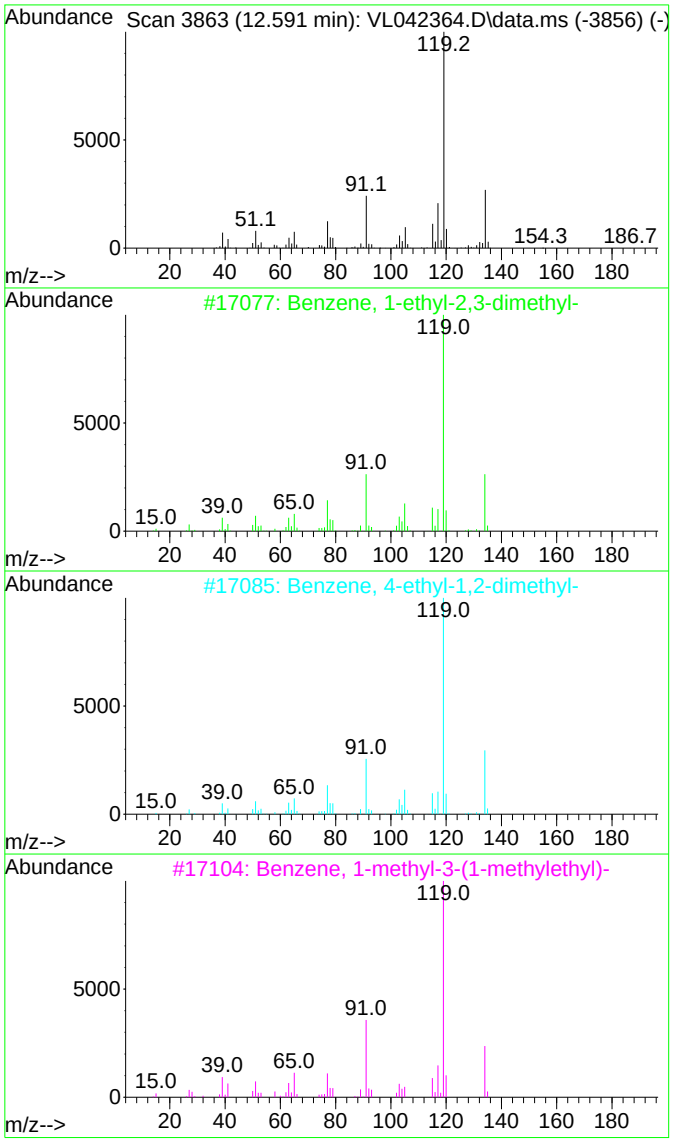
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

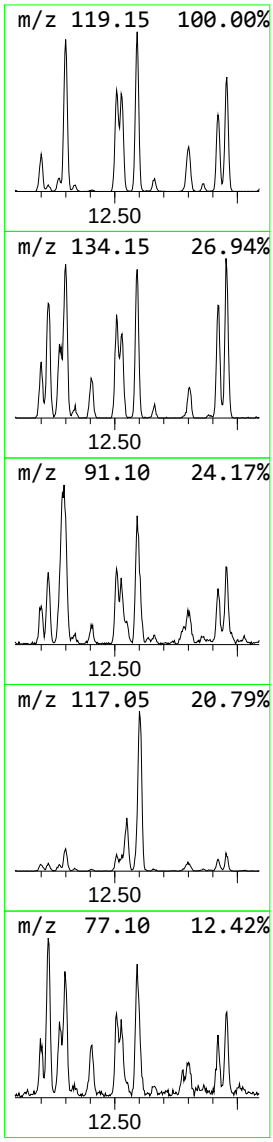
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.591	5.56 ppbv	676215	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

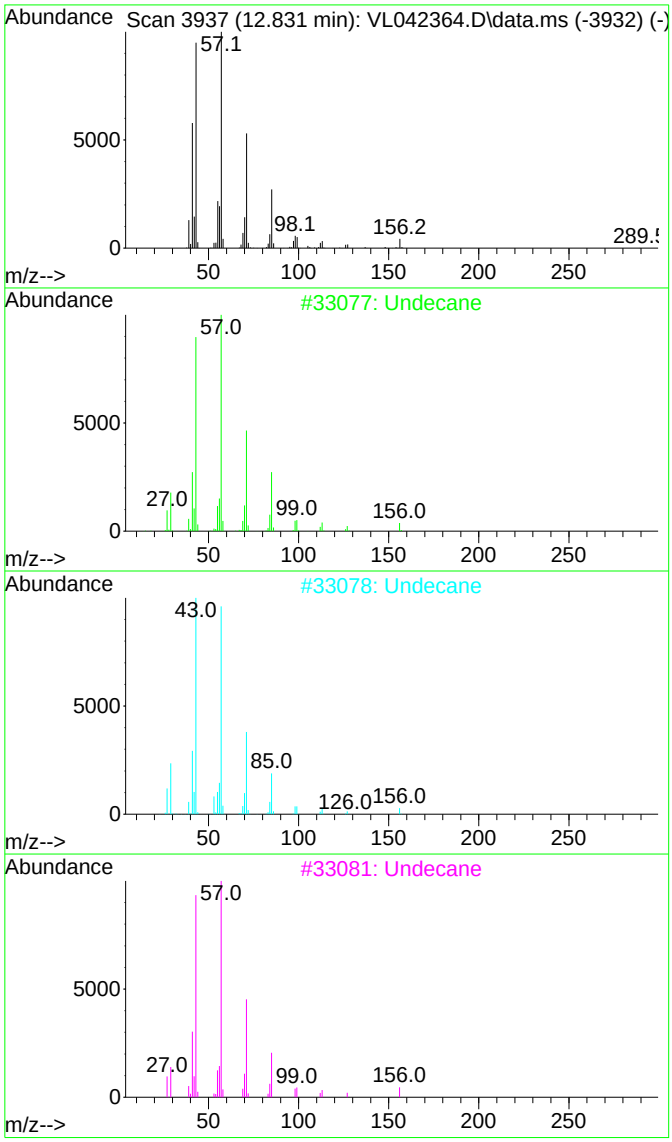
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

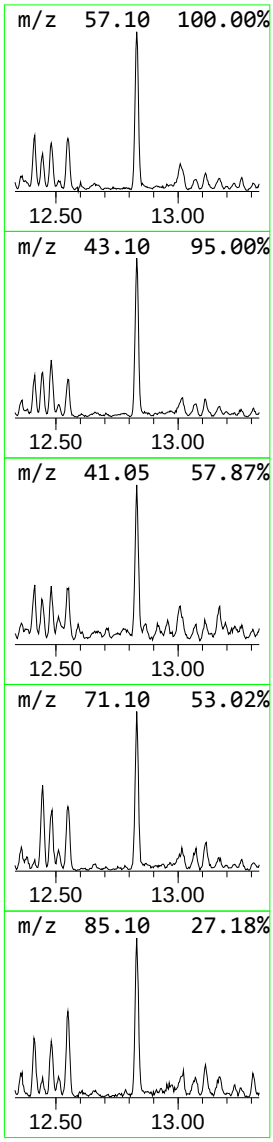
****

Peak Number 6 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.831	4.71 ppbv	573659	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Undecane	156	C11H24	001120-21-4	90
3	Undecane	156	C11H24	001120-21-4	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Decane	142	C10H22	000124-18-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

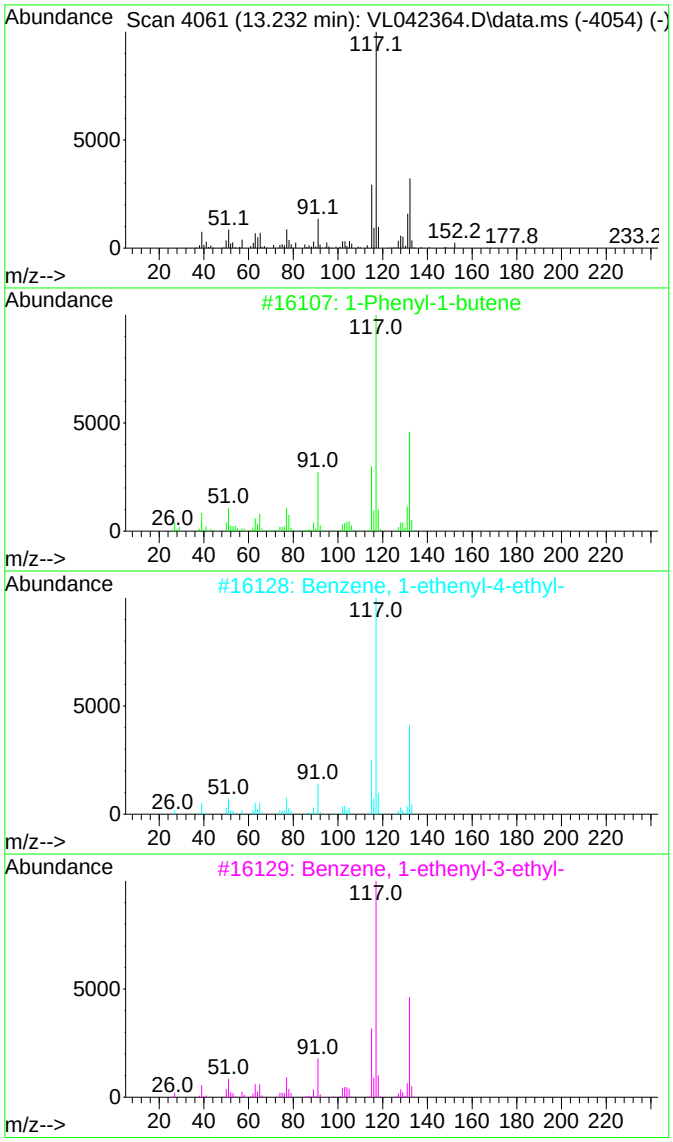
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

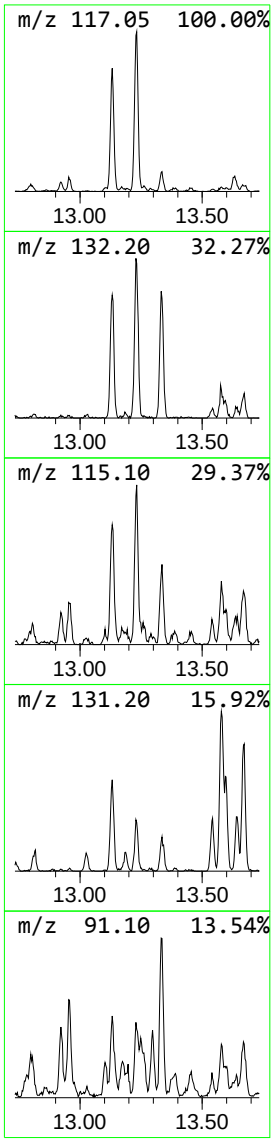
****

Peak Number 7 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.232	3.87 ppbv	470558	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

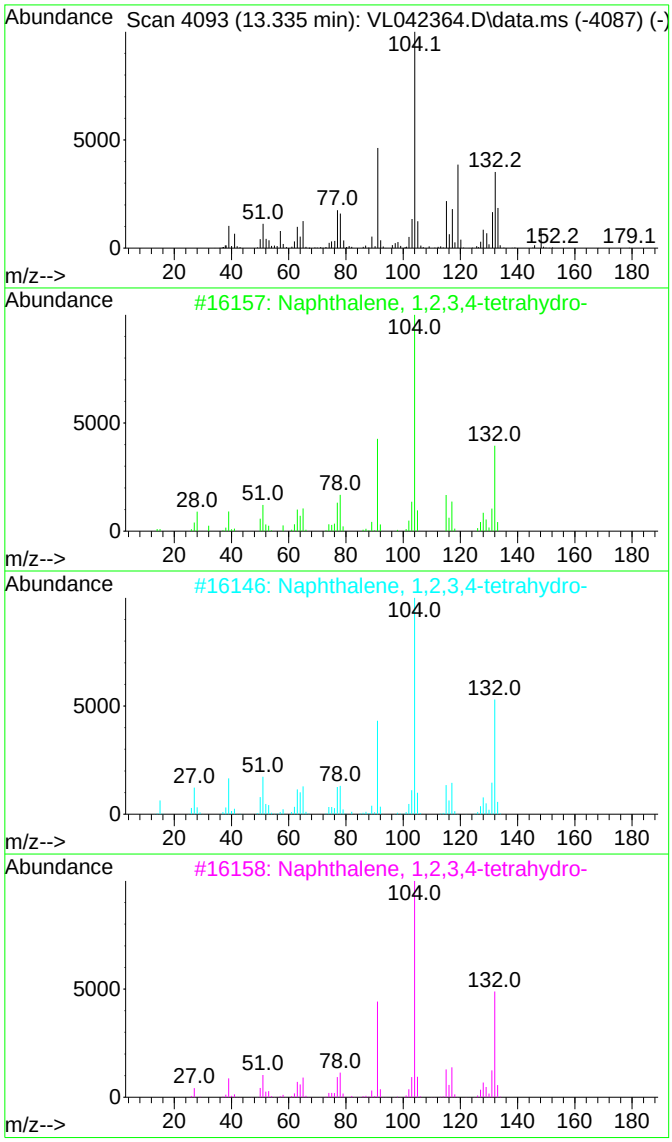
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

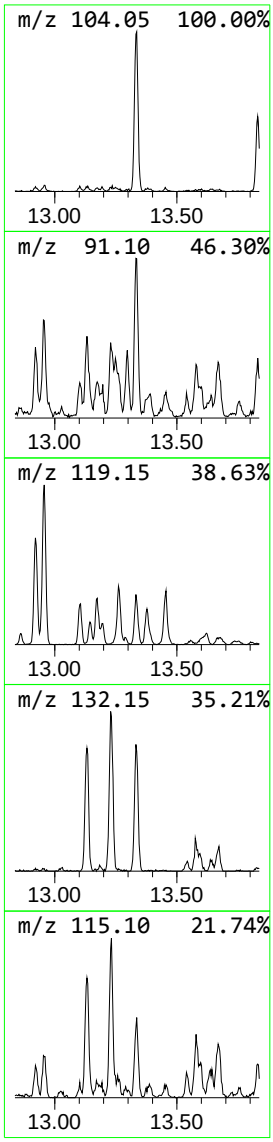
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.336	4.46 ppbv	542668	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

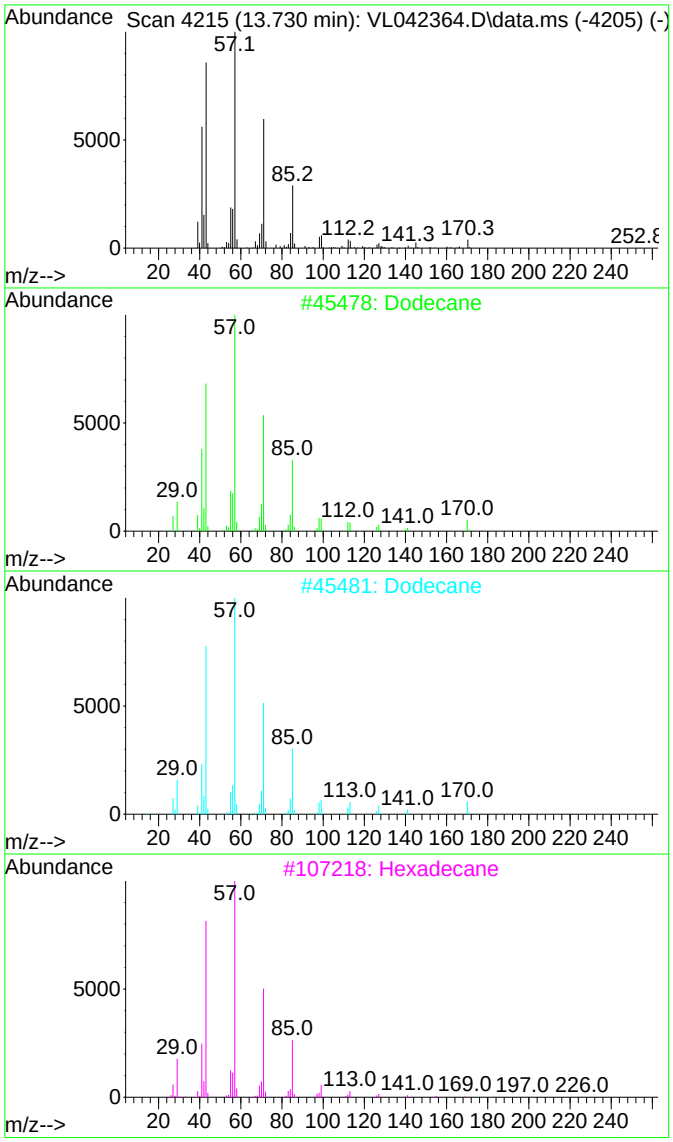
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

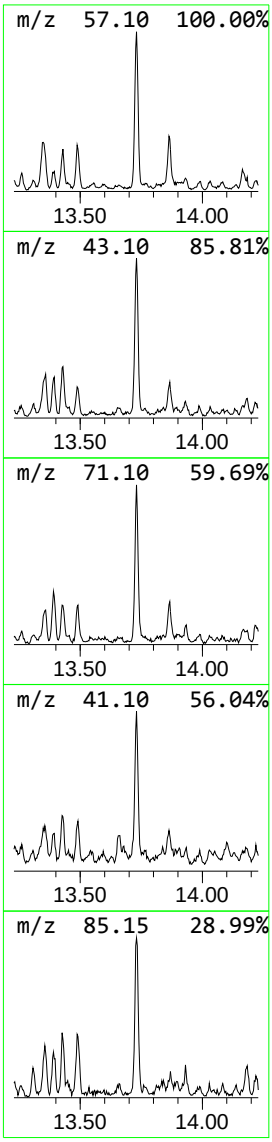
****

Peak Number 9 Dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.730	3.69 ppbv	449619	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	95
2	Dodecane	170	C12H26	000112-40-3	91
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane	184	C13H28	000629-50-5	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

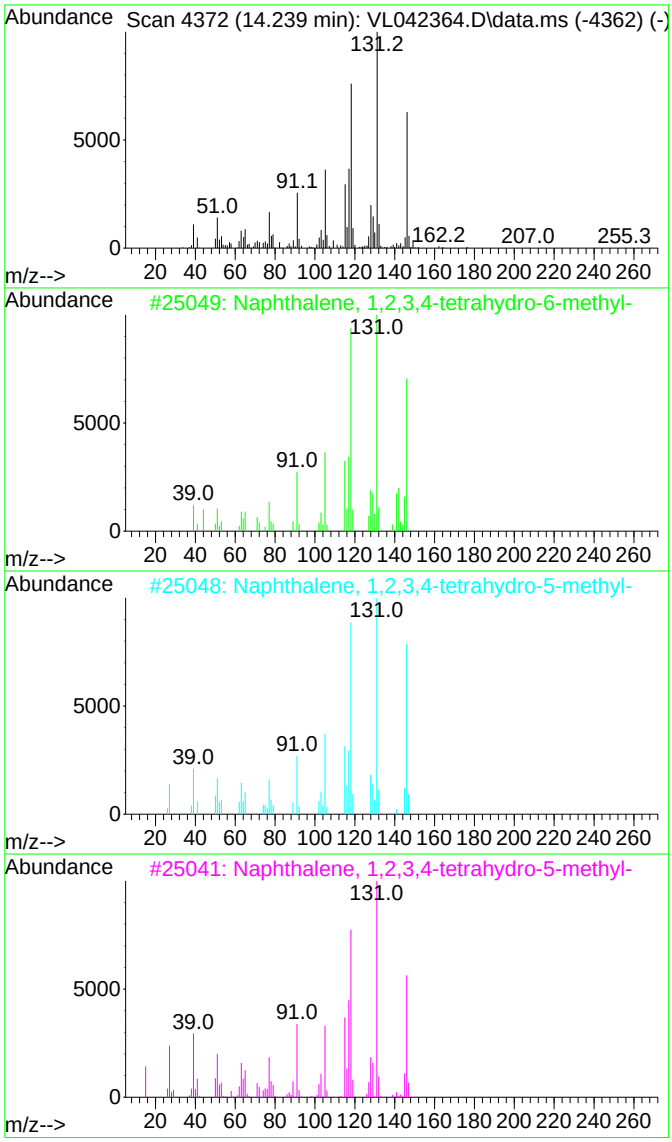
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

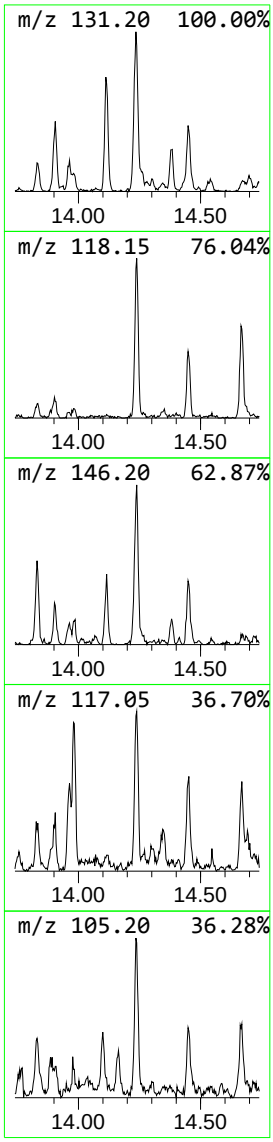
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.239	3.44 ppbv	419237	Chlorobenzene-d5	8.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexane, 3-methyl-	4.276	4.2	ppbv	389529	2	3.962	923144	10.0
Octane, 2-methyl-	9.736	5.1	ppbv	626021	3	8.885	1217150	10.0
Indane	12.021	3.6	ppbv	435569	3	8.885	1217150	10.0
Benzene, 1-meth...	12.229	3.9	ppbv	476714	3	8.885	1217150	10.0
Benzene, 1-ethy...	12.591	5.6	ppbv	676215	3	8.885	1217150	10.0
Undecane	12.831	4.7	ppbv	573659	3	8.885	1217150	10.0
1-Phenyl-1-butene	13.232	3.9	ppbv	470558	3	8.885	1217150	10.0
Naphthalene, 1,...	13.336	4.5	ppbv	542668	3	8.885	1217150	10.0
Dodecane	13.730	3.7	ppbv	449619	3	8.885	1217150	10.0
Naphthalene, 1,...	14.239	3.4	ppbv	419237	3	8.885	1217150	10.0