LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

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\SFAMULM112921WMA.M
Title : VOC Analysis

Signal : TIC: VU046092.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	71	80	103	rVB	145413	189337	1.20%	0.398%
2	1.916	170	179	199	rVV	84945	142556	0.91%	0.300%
3	2.546	363	375	390	rBV	248699	405132	2.58%	0.852%
4	4.652	1012	1030	1080	rBV	64546	281951	1.79%	0.593%
5	5.064	1140	1158	1183	rVV	201573	486927	3.10%	1.024%
6	5.723	1342	1363	1391	rBV2	500661	1263707	8.04%	2.658%
7	5.983	1433	1444	1457	rBV4	4734	11183	0.07%	0.024%
8	6.247	1510	1526	1554	rBV	205108	406163	2.58%	0.854%
9	6.690	1650	1664	1679	rBV	277200	553068	3.52%	1.163%
10	6.758	1681	1685	1695	rVV3	10627	17603	0.11%	0.037%
11	7.498	1902	1915	1922	rBV2	13464	23636	0.15%	0.050%
12	7.568	1923	1937	1956	rVB	157643	298463	1.90%	0.628%
13	7.658	1956	1965	1985	rVB2	15633	32670	0.21%	0.069%
14	7.854	2011	2026	2028	rBV4	16750	26395	0.17%	0.056%
15	7.899	2028	2040	2055	rVB	587112	1067336	6.79%	2.245%
16	7.970	2055	2062	2073	rVB	19413	33238	0.21%	0.070%
17	8.031	2073	2081	2095	rVB5	4231	8903	0.06%	0.019%
18	8.182	2117	2128	2141	rBV	96818	196957	1.25%	0.414%
19	8.369	2175	2186	2196	rBV3	11015	19799	0.13%	0.042%
20	8.536	2227	2238	2251	rVB3	7613	13163	0.08%	0.028%
21	8.684	2256	2284	2300	rBV	216383	662887	4.22%	1.394%
22	8.755	2301	2306	2313	rVB4	10320	16108	0.10%	0.034%
23	8.864	2331	2340	2350	rVB	45428	72424	0.46%	0.152%
24	8.925	2350	2359	2367	rBV	35427	63883	0.41%	0.134%
25	9.060	2387	2401	2411	rBV8	11139	26327	0.17%	0.055%
26	9.121	2411	2420	2426	rBV3	18587	31748	0.20%	0.067%
27	9.166	2426	2434	2441	rVV3	33798	54830	0.35%	0.115%
28	9.211	2442	2448	2461	rVB4	51914	89646	0.57%	0.189%
29	9.337	2469	2487	2501	rBV2	70645	126509	0.80%	0.266%
30	9.427	2501	2515	2532	rBV	242973	525695	3.34%	1.106%
31	9.510	2532	2541	2548	rBV2	28079	44131	0.28%	0.093%
32	9.578	2548	2562	2583	rBV	2812921	5336170	33.95%	11.223%
33	9.700	2584	2600	2615	rBV	8374754	15717172	100.00%	33.056%
34	9.893	2647	2660	2669	rBV4	20426	38768	0.25%	0.082%
35	9.954	2669	2679	2688	rBV5	5509	10871	0.07%	0.023%
36	10.028	2689	2702	2712	rBV6	81431	212564	1.35%	0.447%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

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\SFAMULM112921WMA.M
Title : VOC Analysis

37	10.108	2714	2727	2742	rVB	1795066	3356500	21.36%	7.059%
38	10.253	2754	2772	2776	rBV3	104269	220650	1.40%	0.464%
39	10.359	2795	2805	2814	rBV3	138675	270843	1.72%	0.570%
40	10.468	2828	2839	2843	rBV6	15215	28742	0.18%	0.060%
41	10.559	2852	2867	2875	rBV8	61052	141040	0.90%	0.297%
42	10.626	2876	2888	2897	rVB2	74343	133257	0.85%	0.280%
43	10.700	2906	2911	2921	rVB3	31672	45728	0.29%	0.096%
44	10.771	2922	2933	2942	rBV	380009	660379	4.20%	1.389%
45	10.912	2968	2977	2985	rBV	50225	85353	0.54%	0.180%
46	10.954	2986	2990	3000	rVB3	18559	25003	0.16%	0.053%
47	11.018	3001	3010	3018	rBV5	39303	81071	0.52%	0.171%
48	11.067	3018	3025	3030	rBV3	47420	73894	0.47%	0.155%
49	11.192	3056	3064	3074	rVB8	20670	42565	0.27%	0.090%
50	11.243	3074	3080	3086	rBV3	12432	17953	0.11%	0.038%
51	11.304	3087	3099	3114	rBV5	122371	275835	1.75%	0.580%
52	11.378	3115	3122	3127	rBV2	41111	58943	0.38%	0.124%
53	11.417	3127	3134	3142	rVV2	127453	175774	1.12%	0.370%
54	11.475	3142	3152	3174	rVB	531447	988243	6.29%	2.078%
55	11.575	3174	3183	3188	rBV2	51596	85592	0.54%	0.180%
56	11.616	3188	3196	3200	rBV	123377	184633	1.17%	0.388%
57	11.648	3201	3206	3215	rVB	193968	287036	1.83%	0.604%
58	11.710	3216	3225	3230	rBV5	84183	147584	0.94%	0.310%
59	11.748	3231	3237	3245	rVB	189598	260230	1.66%	0.547%
60	11.819	3245	3259	3270	rVB4	372365	859514	5.47%	1.808%
61	11.877	3271	3277	3279	rBV2	49610	54212	0.34%	0.114%
62	11.948	3293	3299	3302	rBV2	20178	26258	0.17%	0.055%
63	12.105	3335	3348	3349	rBV2	347304	416882	2.65%	0.877%
64	12.131	3350	3356	3364	rVV	734607	1133810	7.21%	2.385%
65	12.195	3364	3376	3392	rVB6	1211948	2563353	16.31%	5.391%
66	12.314	3404	3413	3424	rBV6	77254	164708	1.05%	0.346%
67	12.382	3425	3434	3450	rVB	314769	524111	3.33%	1.102%
68	12.468	3451	3461	3466	rBV	334061	543031	3.46%	1.142%
69	12.501	3466	3471	3480	rVB	400130	541716	3.45%	1.139%
70	12.575	3486	3494	3503	rVB	469126	674267	4.29%	1.418%
71	12.716	3519	3538	3549	rBV7	154846	364882	2.32%	0.767%
72	12.816	3560	3569	3580	rBV3	99170	211074	1.34%	0.444%
73	12.874	3581	3587	3597	rVB4	109582	185812	1.18%	0.391%
74	12.976	3598	3619	3627	rBV	285017	562353	3.58%	1.183%
75	13.028	3627	3635	3652	rVB	386205	649084	4.13%	1.365%
76	13.115	3652	3662	3680	rVB4	79353	197124	1.25%	0.415%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

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\SFAMULM112921WMA.M
Title : VOC Analysis

77	13.201	3681	3689	3699	rBV	59352	91963	0.59%	0.193%
78	13.259	3700	3707	3714	rBV5	42166	70763	0.45%	0.149%
79	13.353	3730	3736	3744	rVB	34123	48773	0.31%	0.103%
80	13.407	3744	3753	3759	rBV3	53685	93692	0.60%	0.197%
81	13.452	3759	3767	3783	rVB2	166940	332179	2.11%	0.699%
82	13.562	3797	3801	3804	rBV	11730	12035	0.08%	0.025%
83	13.591	3805	3810	3815	rVV4	22453	29146	0.19%	0.061%
84	13.738	3846	3856	3864	rBV5	30394	60034	0.38%	0.126%
85	13.783	3865	3870	3877	rVB2	16648	23964	0.15%	0.050%
86	13.838	3878	3887	3902	rBV4	60289	142595	0.91%	0.300%
87	13.964	3916	3926	3934	rVB3	19006	39068	0.25%	0.082%
88	14.089	3958	3965	3972	rVB	87541	118437	0.75%	0.249%
89	14.189	3985	3996	4013	rVB7	34762	95899	0.61%	0.202%
90	14.298	4013	4030	4043	rBV7	18136	70842	0.45%	0.149%
91	14.607	4121	4126	4134	rVB2	15141	19393	0.12%	0.041%
92	14.671	4139	4146	4158	rVB6	26615	51831	0.33%	0.109%
93	14.941	4224	4230	4237	rBV8	9860	15566	0.10%	0.033%
94	15.021	4247	4255	4265	rBV6	16659	37573	0.24%	0.079%
95	15.150	4290	4295	4303	rVB10	13987	20622	0.13%	0.043%
96	15.208	4304	4313	4327	rVV7	34758	79700	0.51%	0.168%
97	15.346	4351	4356	4361	rBV7	10175	14503	0.09%	0.031%
98	15.410	4369	4376	4398	rVB2	64520	130228	0.83%	0.274%
99	16.407	4681	4686	4693	rVB	31184	40003	0.25%	0.084%
100	16.542	4723	4728	4738	rVB4	53035	80937	0.51%	0.170%

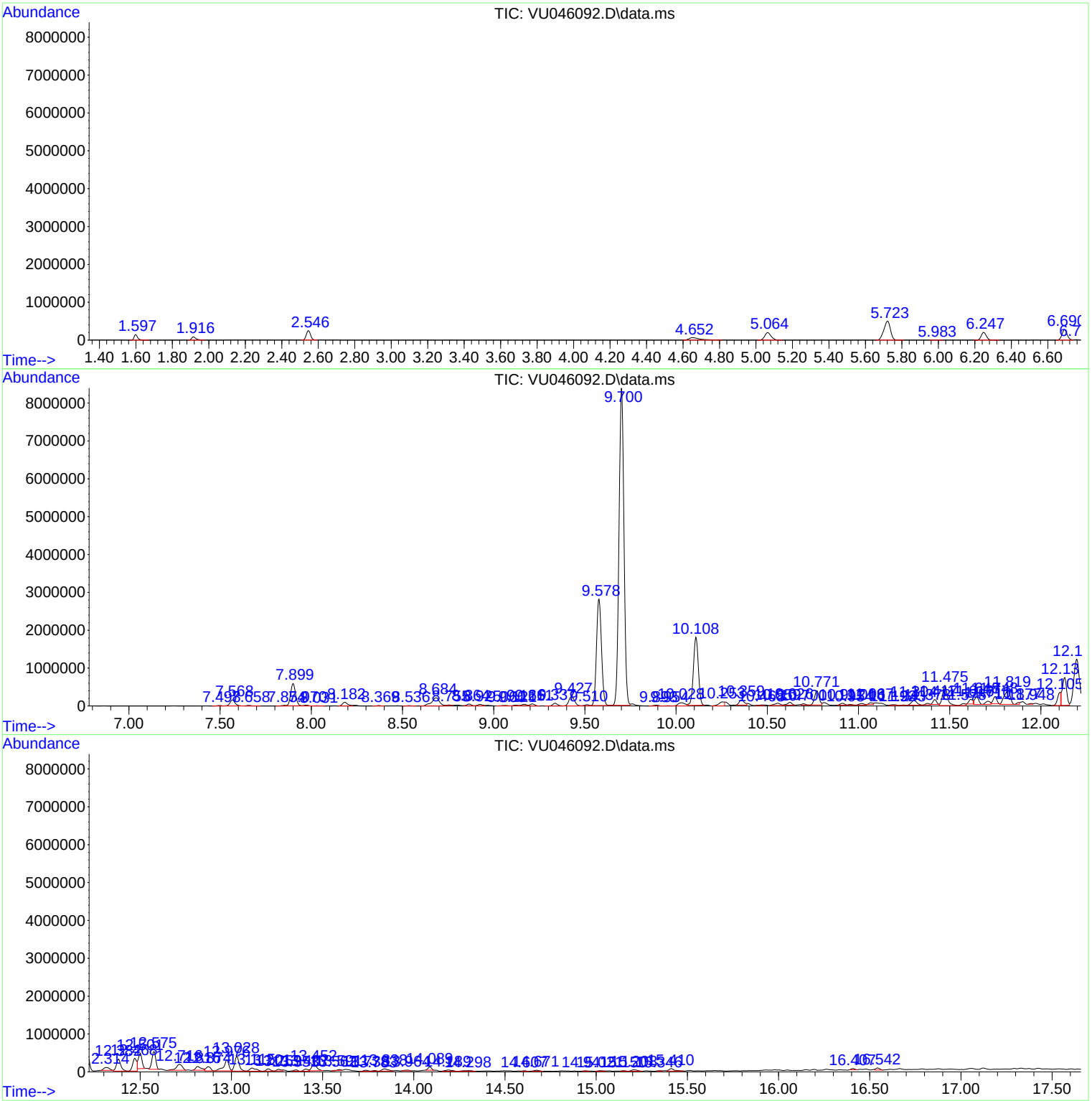
Sum of corrected areas: 47546705

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

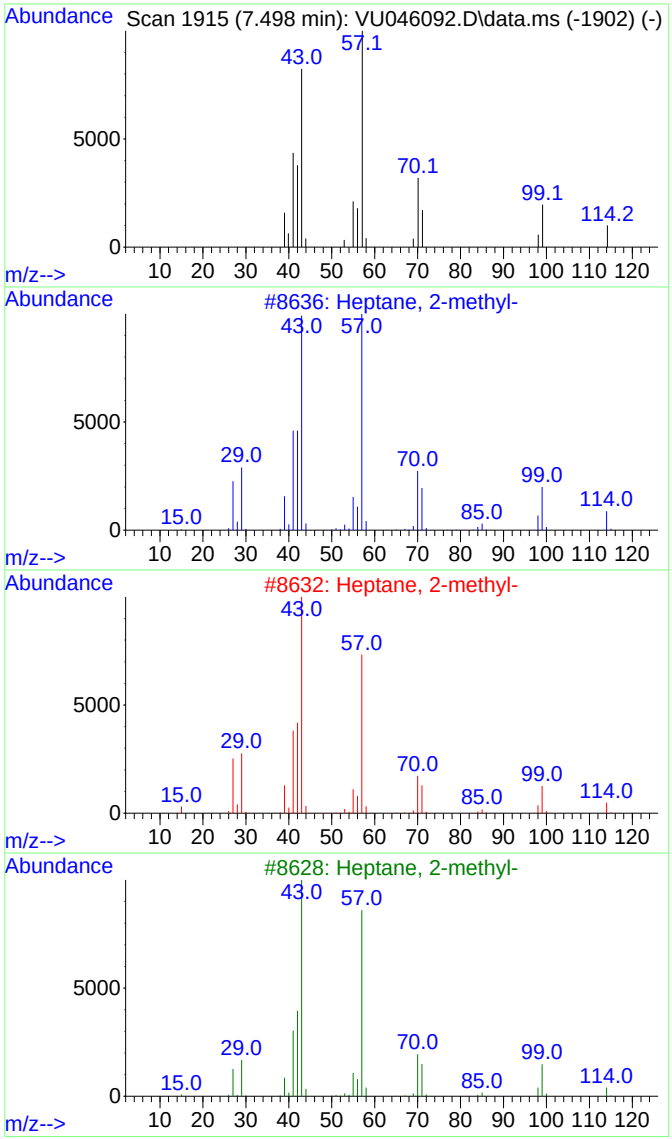
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

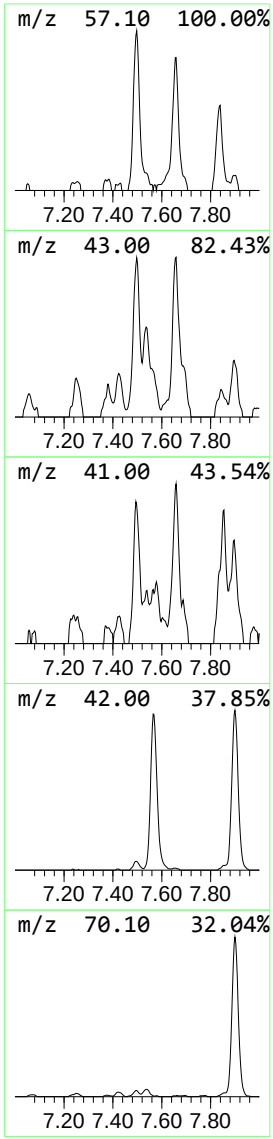
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.498	2.91 ug/L	23636	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	78
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

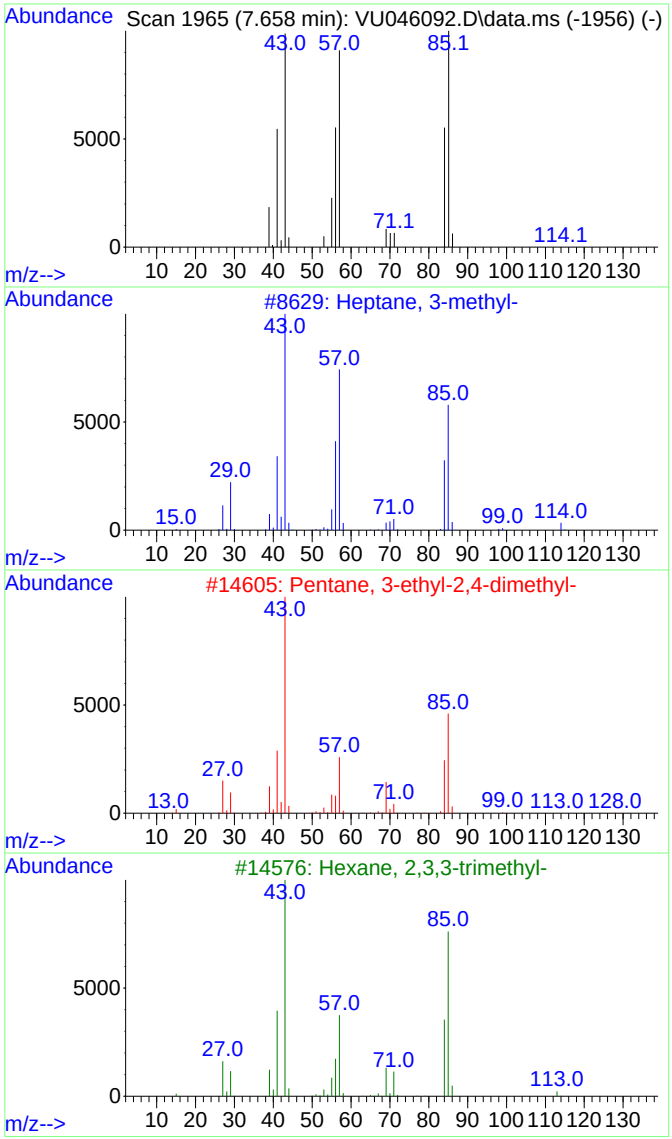
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

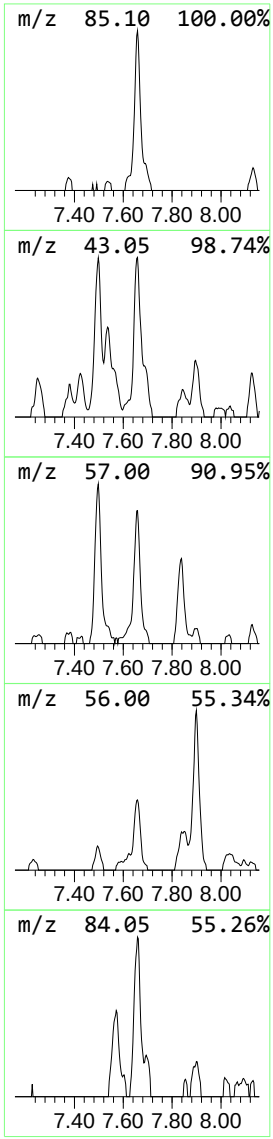
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.658	4.02 ug/L	32670	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	74
2	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	56
4	Pentane, 3-ethyl-3-methyl-	114	C8H18	001067-08-9	50
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

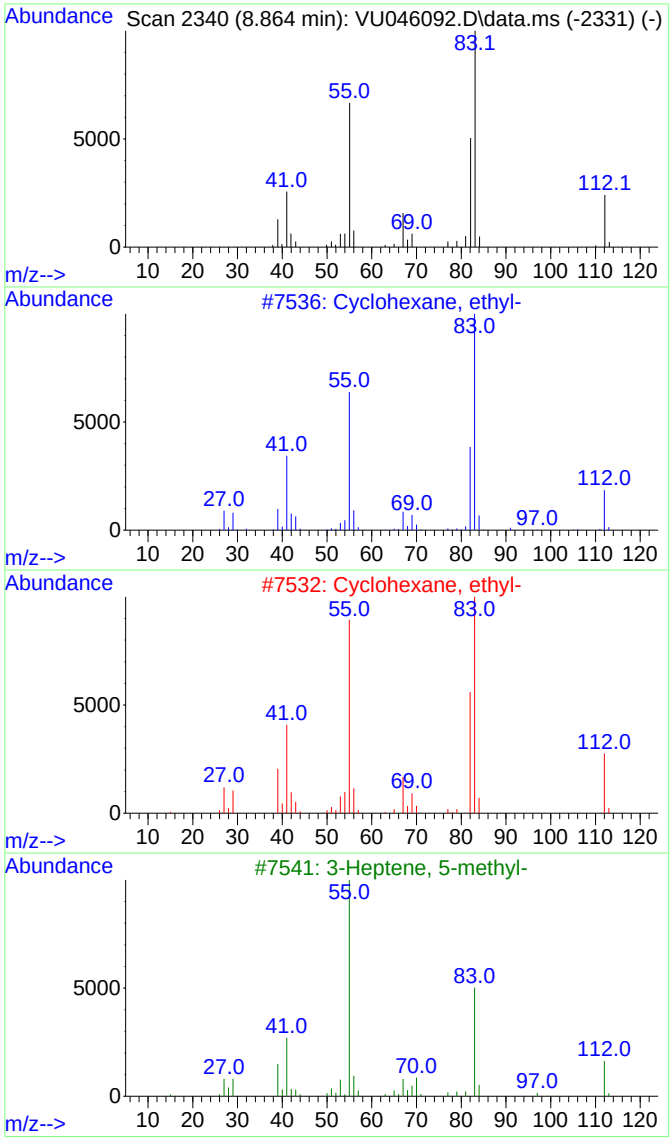
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

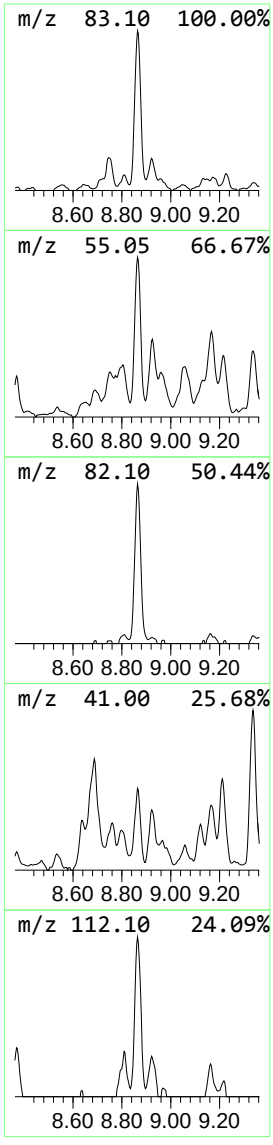
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic8.864 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.864	6.89 ug/L	72424	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	70
3	3-Heptene, 5-methyl-	112	C8H16	013172-91-3	58
4	2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	53
5	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

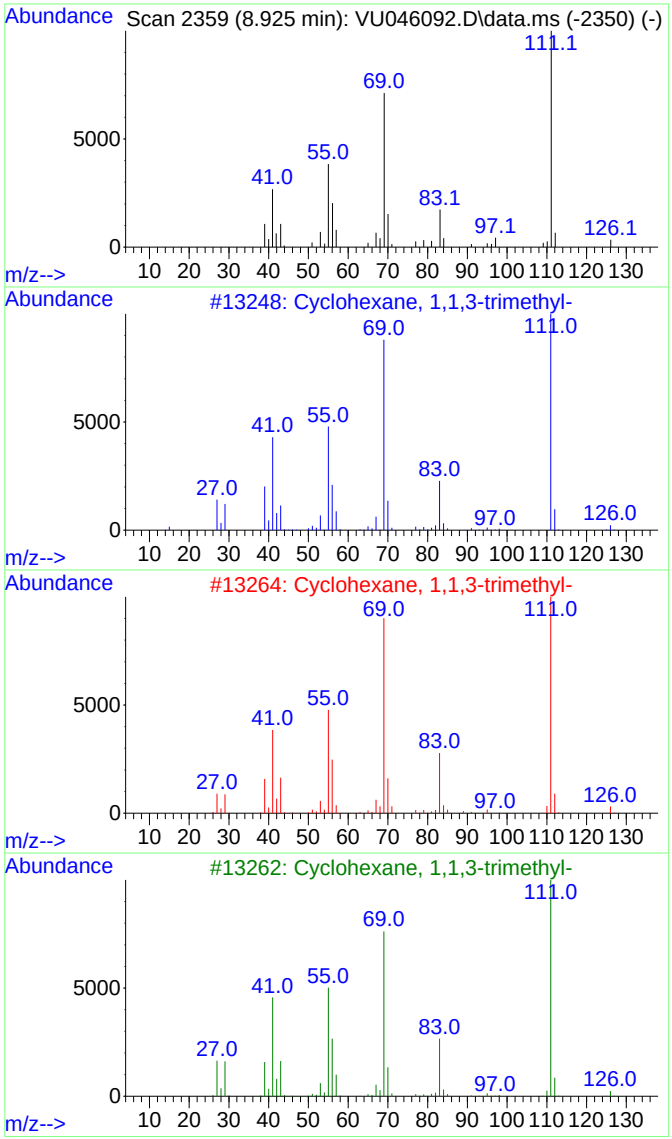
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

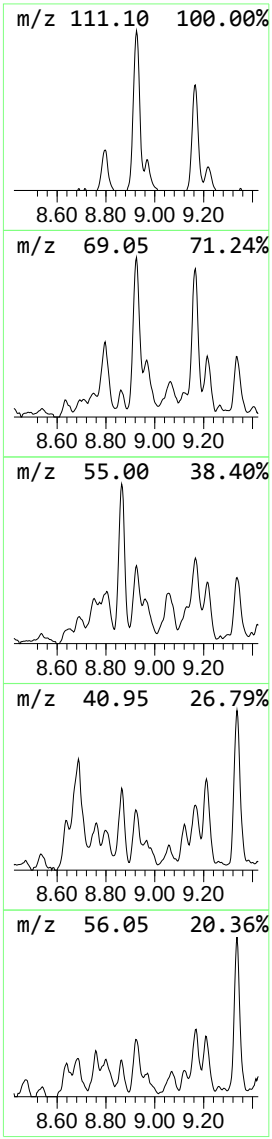
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic8.925 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.925	6.08 ug/L	63883	Chlorobenzene-d5	9.427

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	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

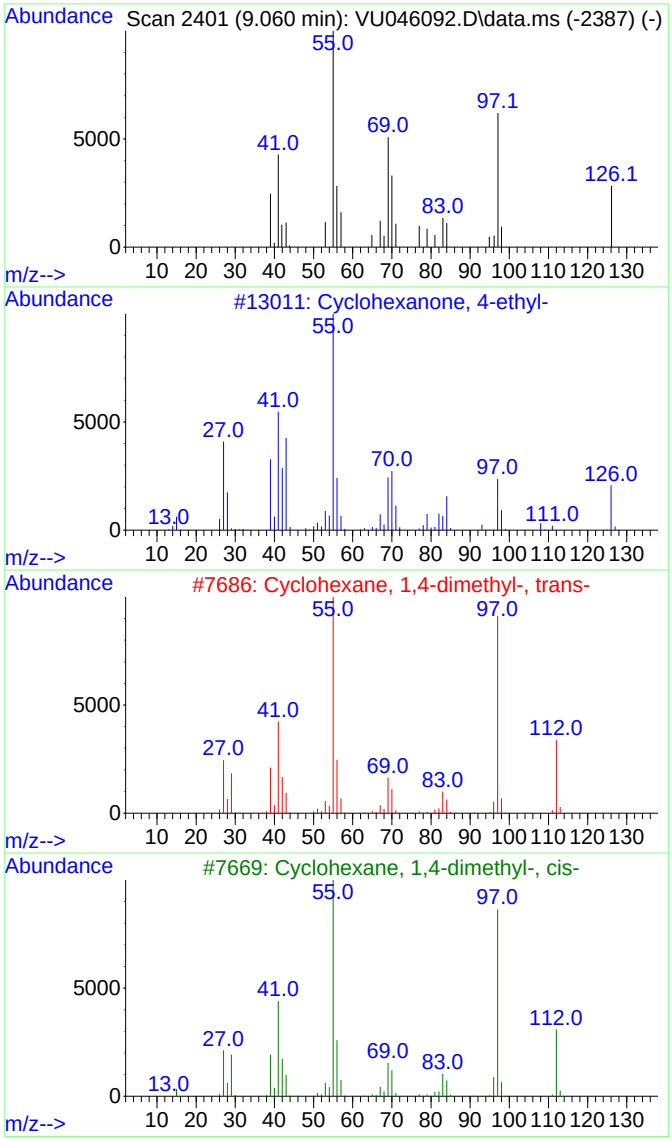
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

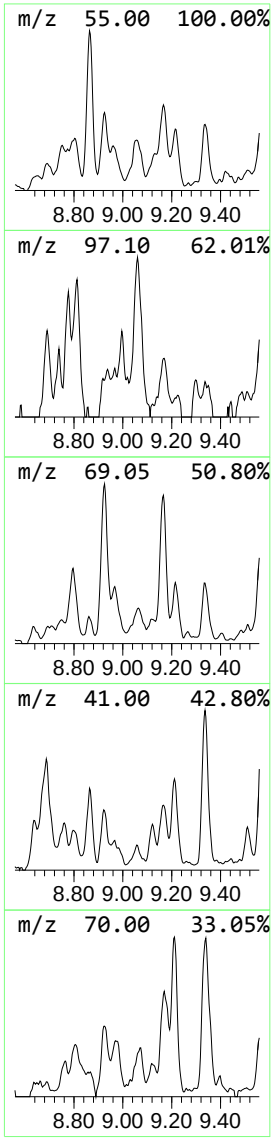
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexanone, 4-ethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.060	2.50 ug/L	26327	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	64
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	59
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59
5	trans--4-Nonene	126	C9H18	010405-85-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

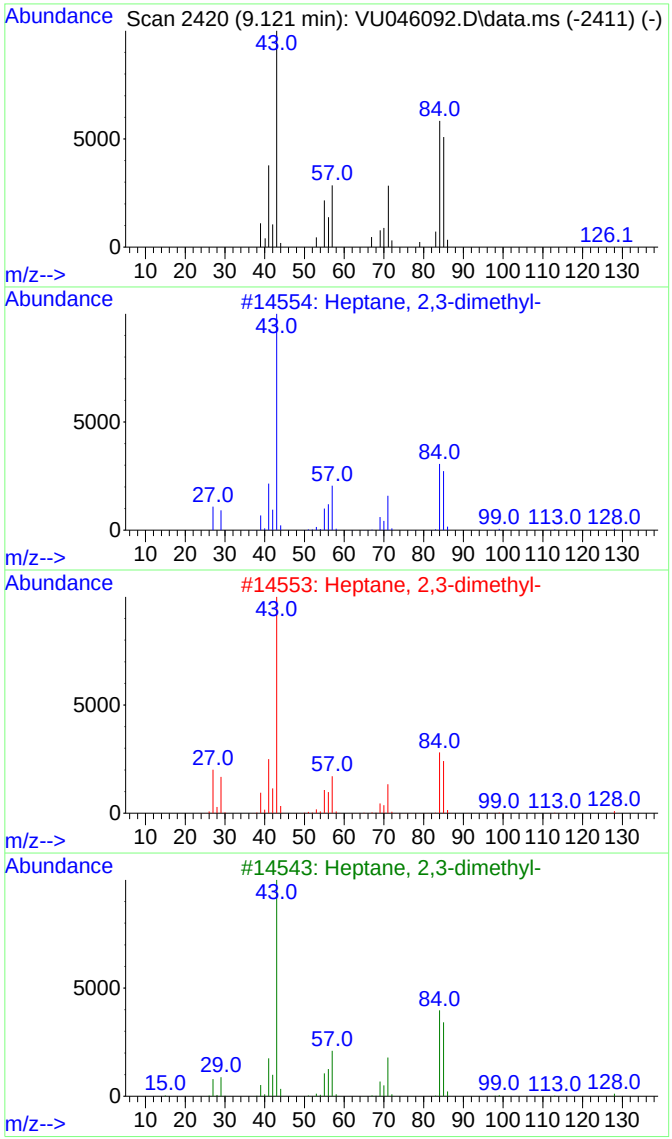
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

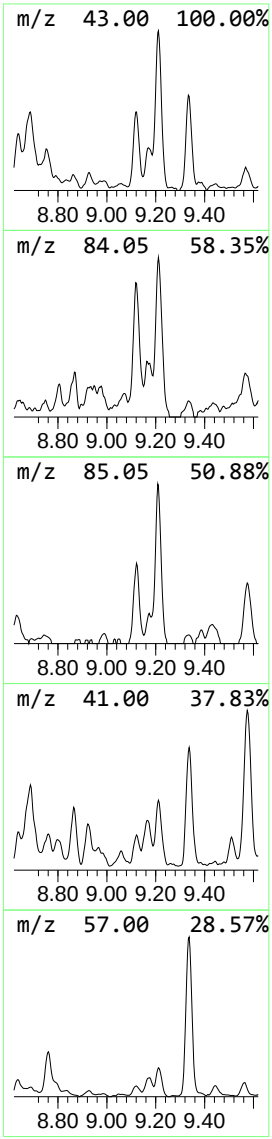
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.121	3.02 ug/L	31748	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
5	Nonane, 5-methyl-	142	C10H22	015869-85-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

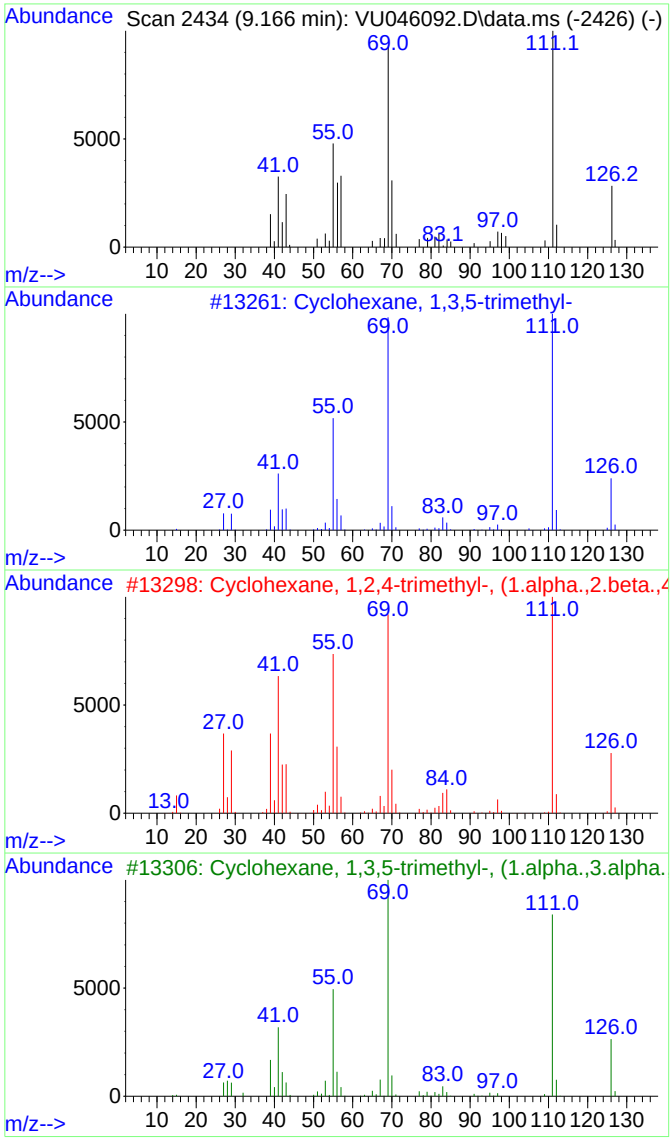
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

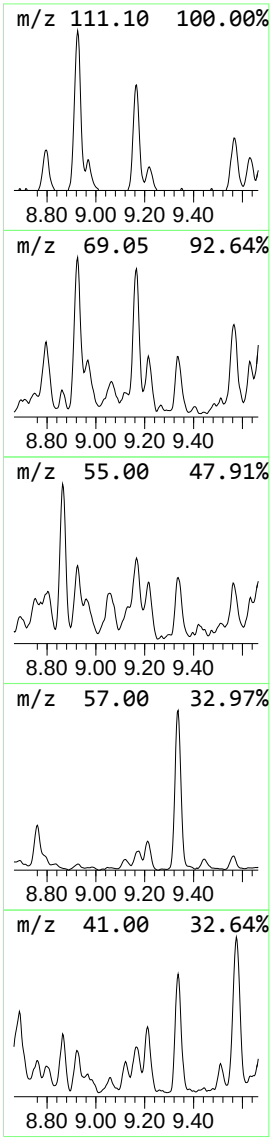
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic9.166 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.166	5.21 ug/L	54830	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	83
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	80
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

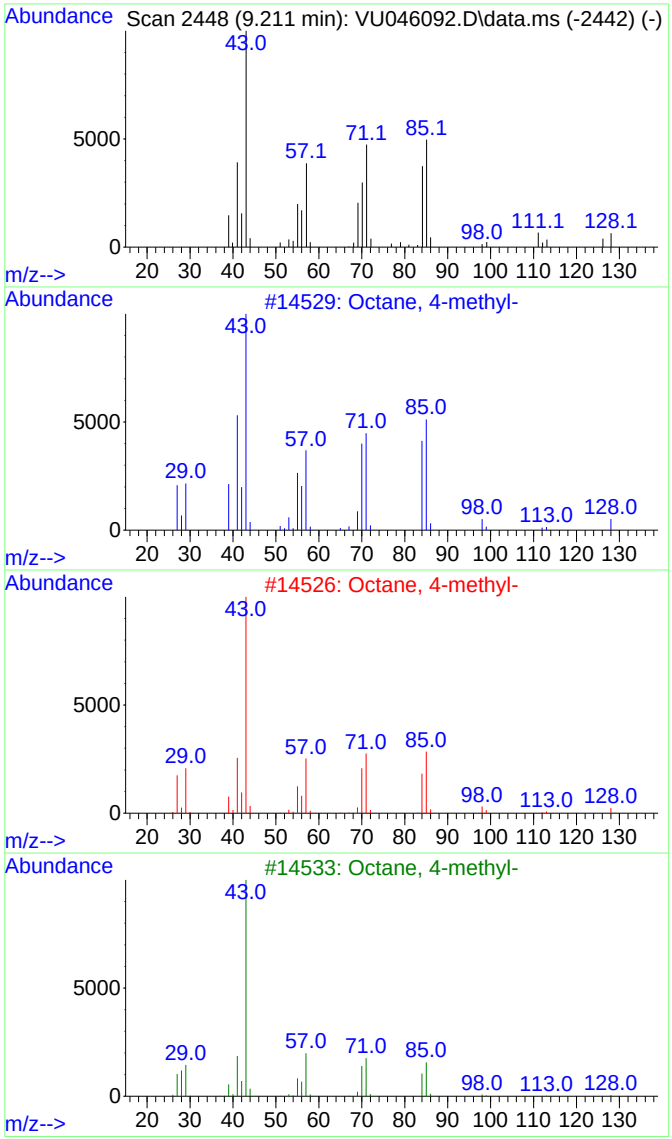
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

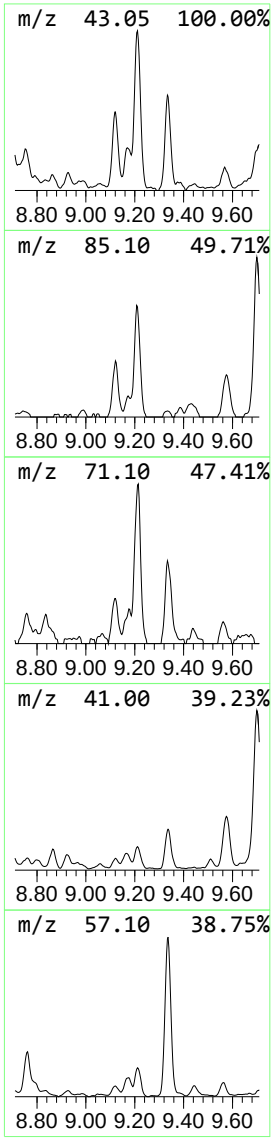
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.211	8.53 ug/L	89646	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	90
2	Octane, 4-methyl-	128	C9H20	002216-34-4	90
3	Octane, 4-methyl-	128	C9H20	002216-34-4	72
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

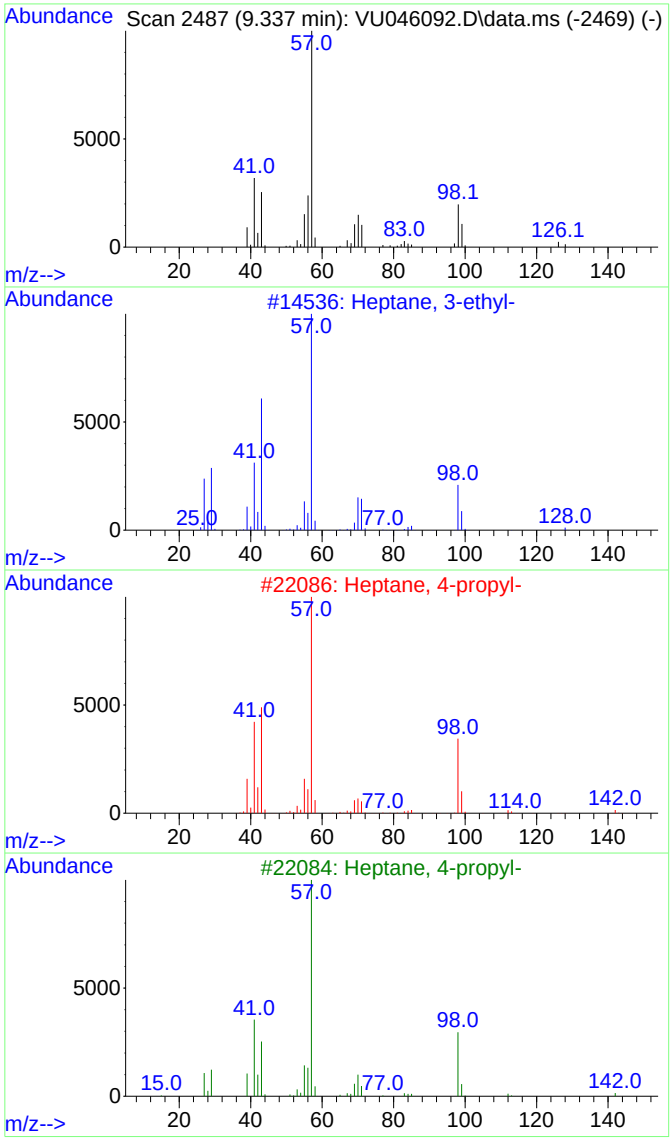
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

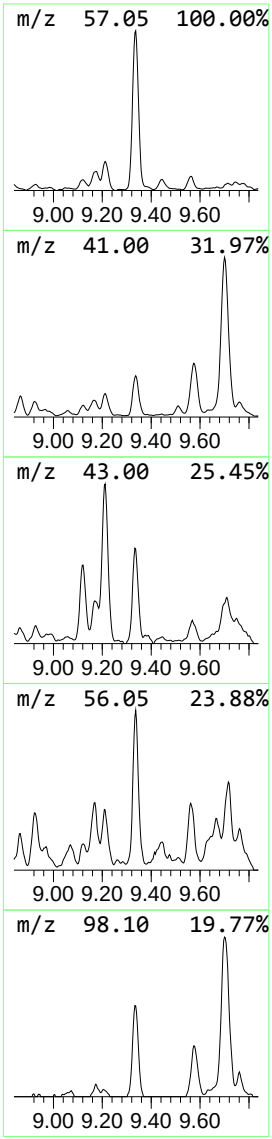
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.337	12.03 ug/L	126509	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64
2	Heptane, 4-propyl-	142	C10H22	003178-29-8	64
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	64
4	Octane, 3-methyl-	128	C9H20	002216-33-3	64
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

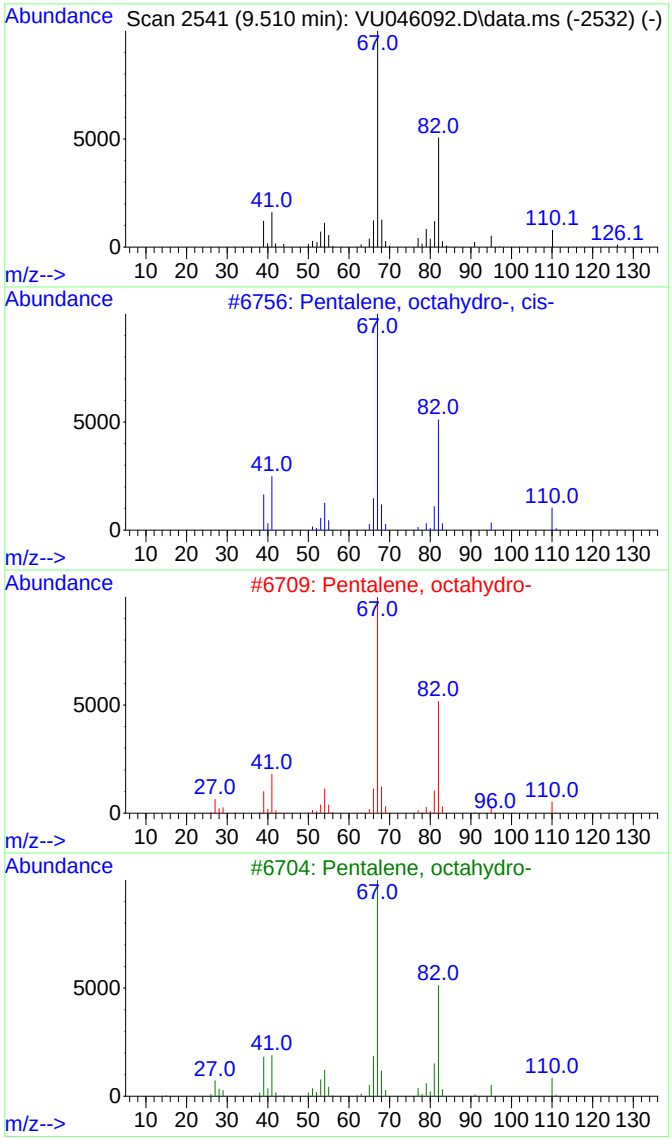
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

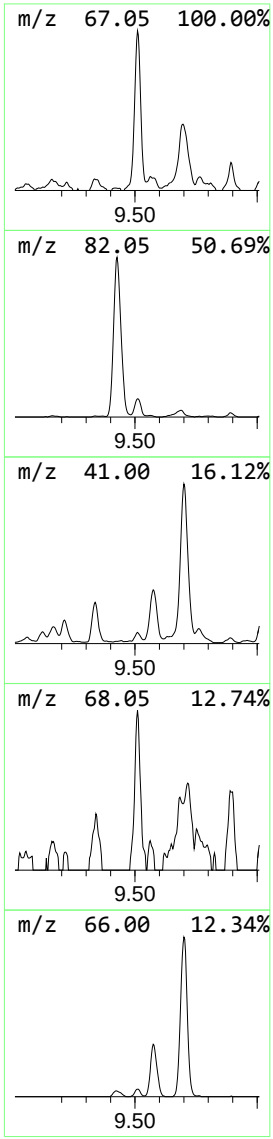
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pentalene, octahydro-, cis- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	4.20 ug/L	44131	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	94
2	Pentalene, octahydro-	110	C8H14	000694-72-4	91
3	Pentalene, octahydro-	110	C8H14	000694-72-4	76
4	Fomepizole	82	C4H6N2	007554-65-6	72
5	1,3-Pentadiene, 3-methyl-, (Z)-	82	C6H10	002787-45-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

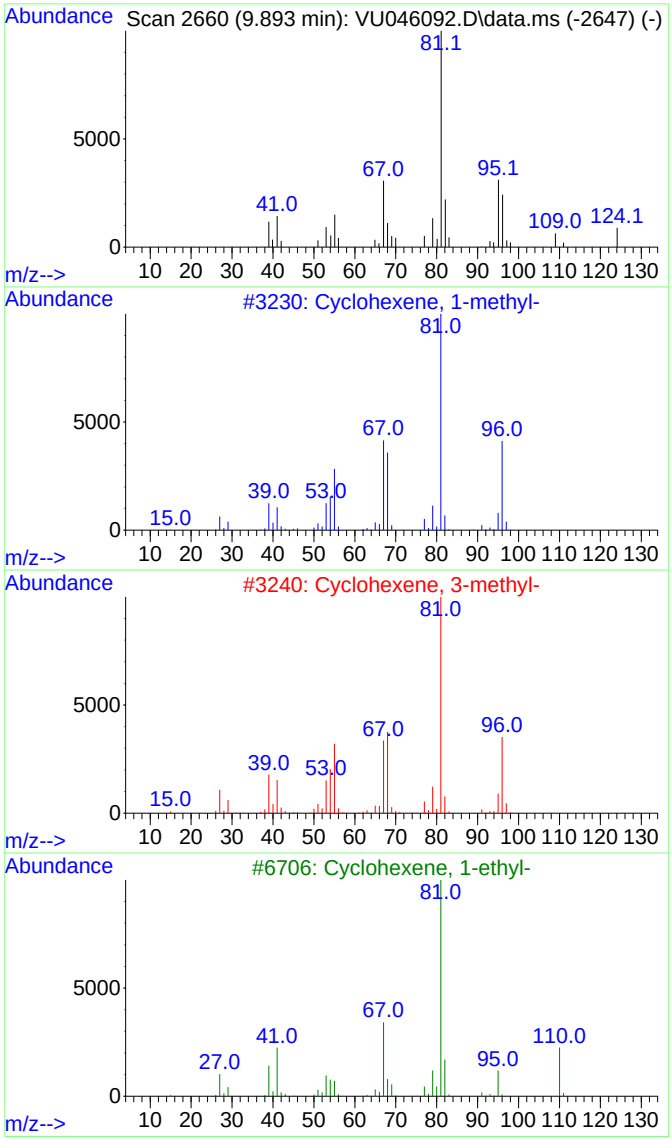
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

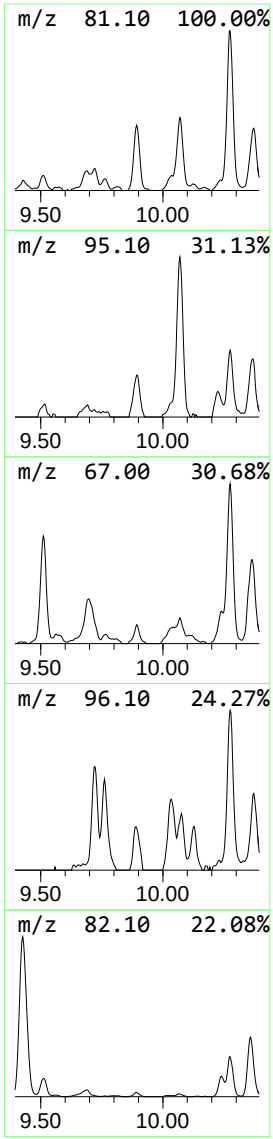
****

Peak Number 12 Cyclohexene, 1-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.893	3.69 ug/L	38768	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	62
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	59
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	59
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	53
5	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

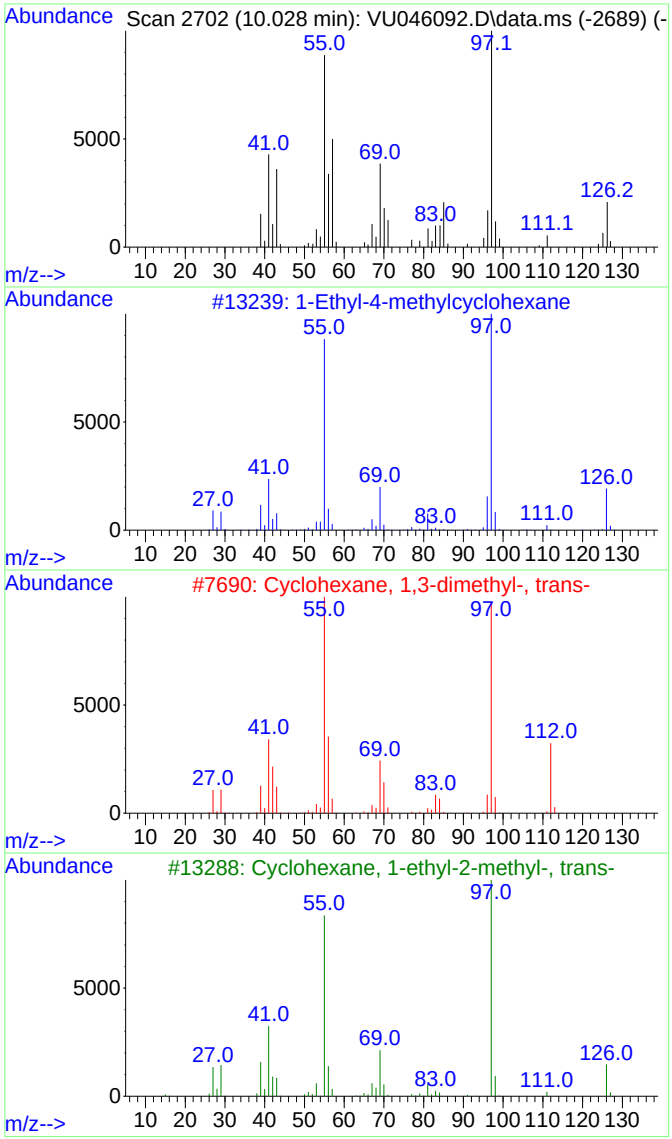
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

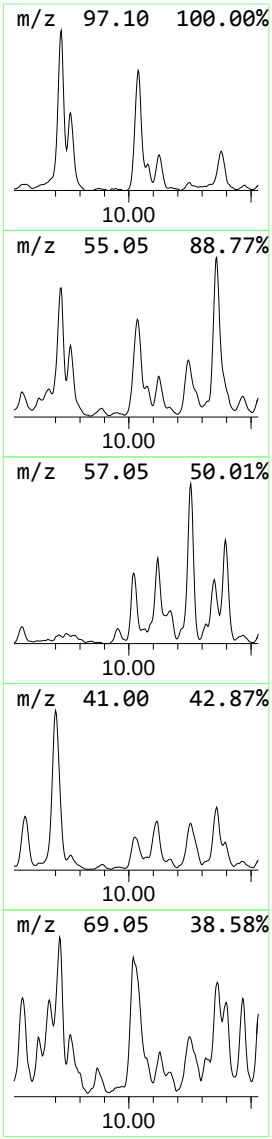
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic10.028 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.028	20.22 ug/L	212564	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	76
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	62
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	62
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

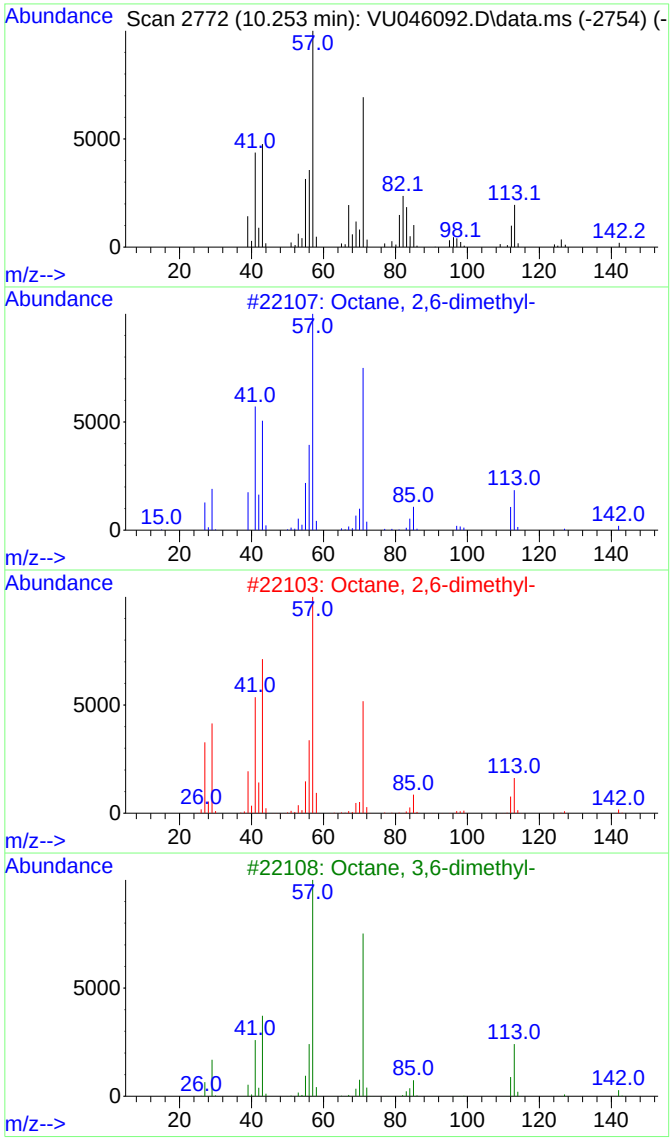
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

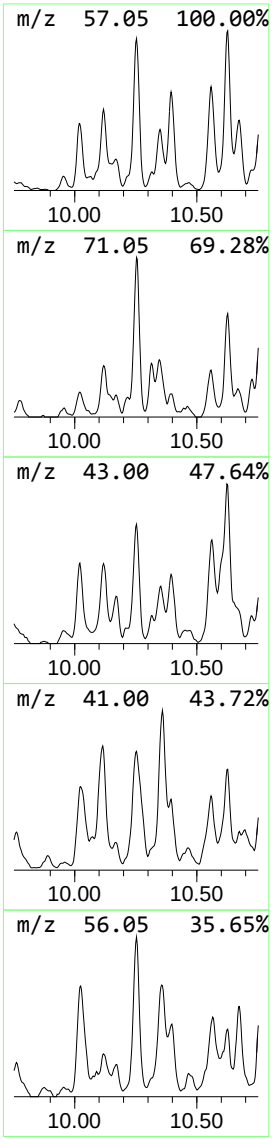
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.253	20.99 ug/L	220650	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	70
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	62
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

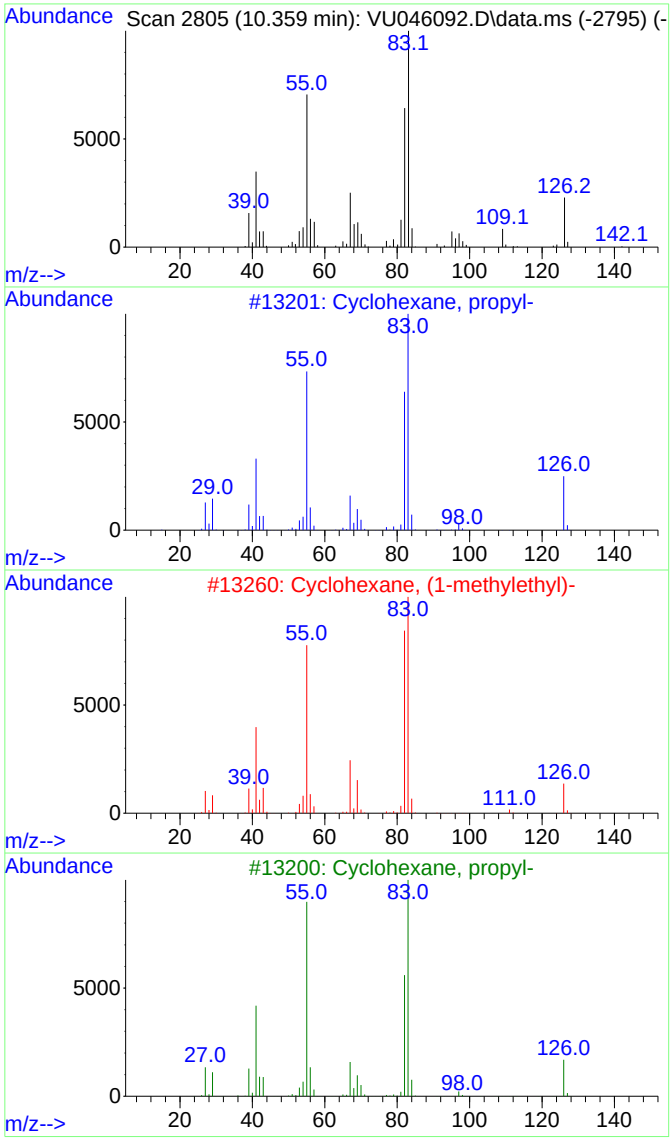
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

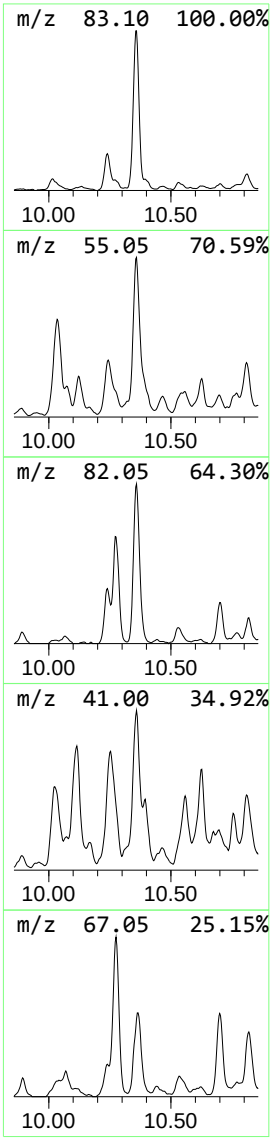
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic10.359 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.359	25.76 ug/L	270843	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	93
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	81
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

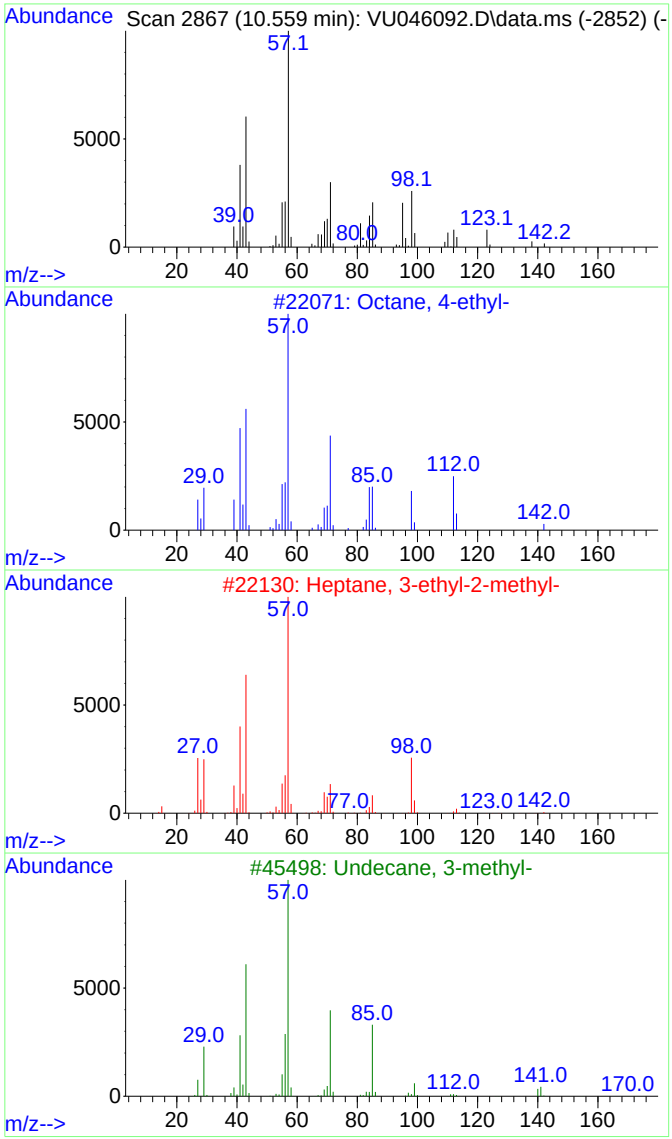
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

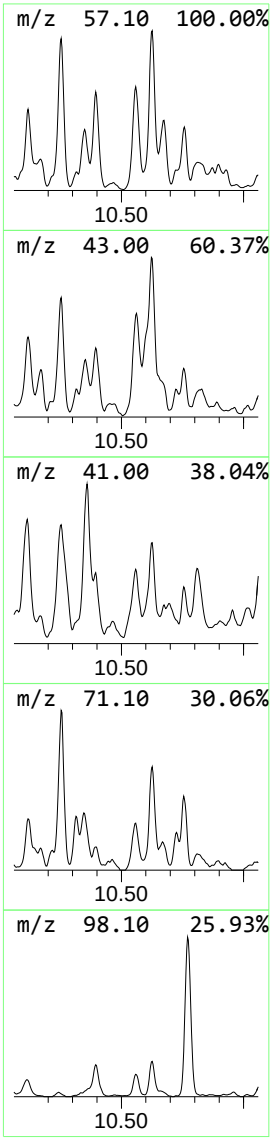
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.559	13.41 ug/L	141040	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	43
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	43
4	Decane	142	C10H22	000124-18-5	43
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

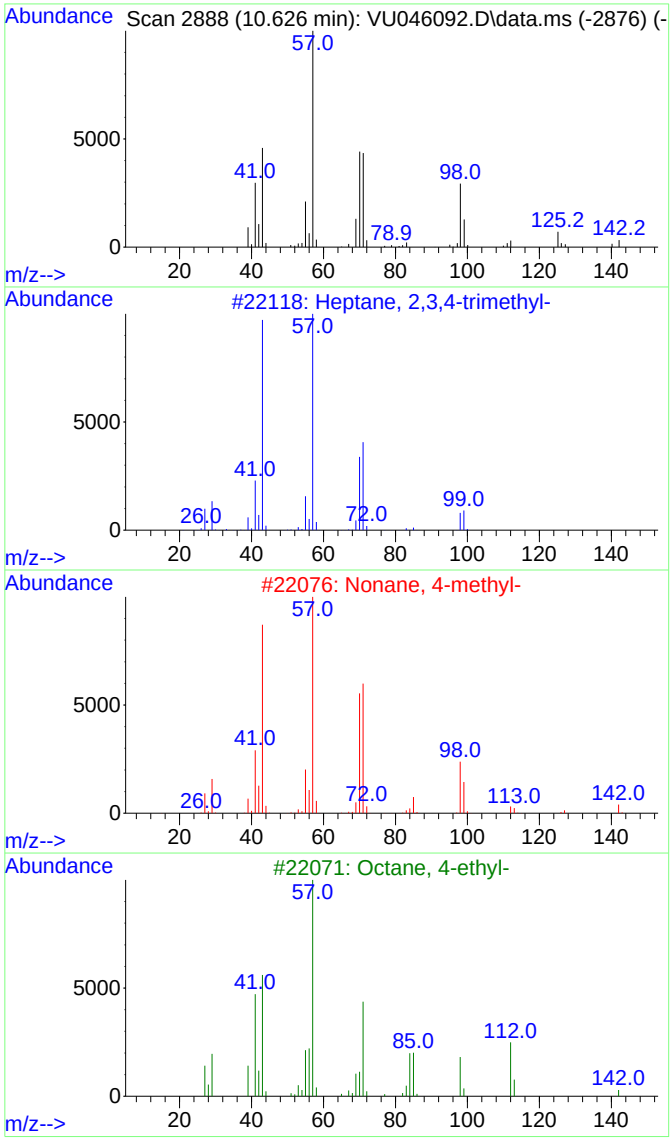
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

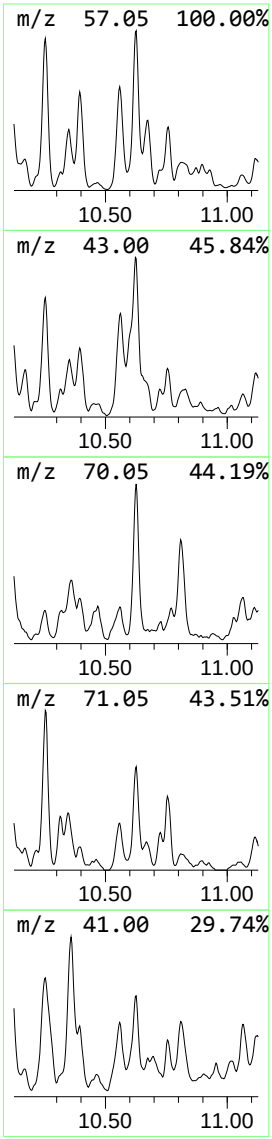
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.626	7.75 ug/L	133257	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	52
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	50
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	47
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

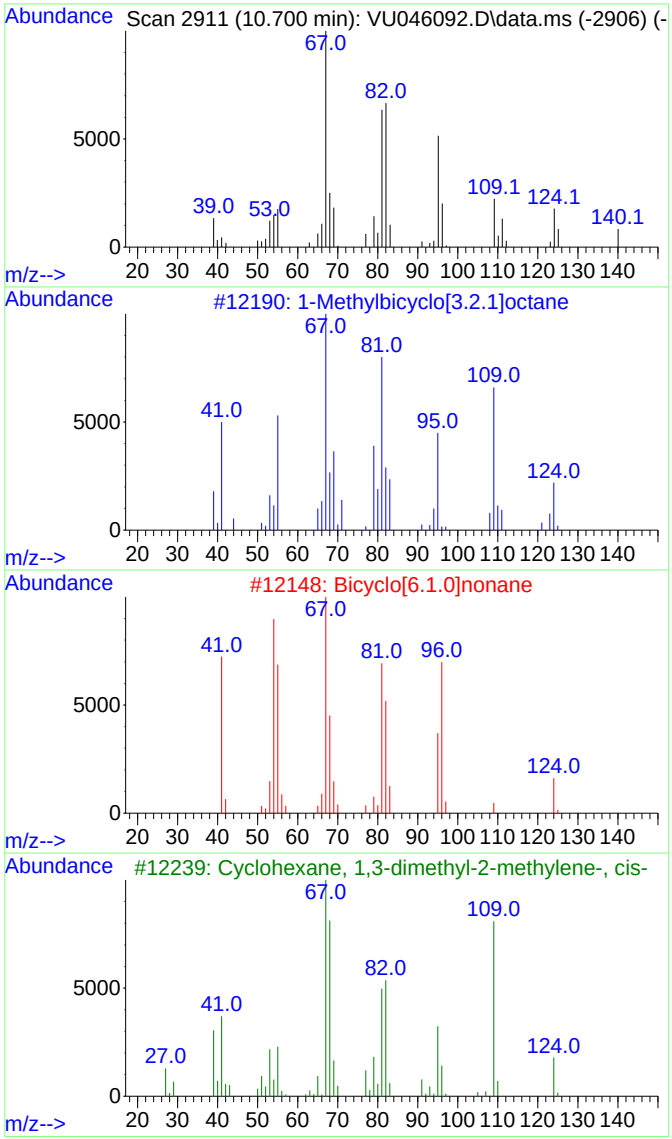
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

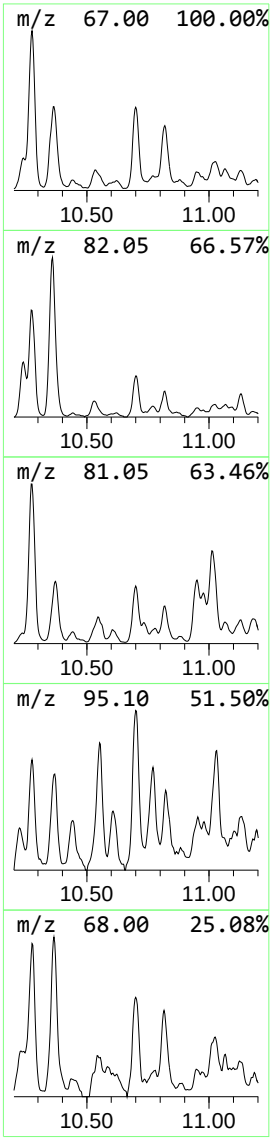
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1-Methylbicyclo[3.2.1]octane Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.700	2.66 ug/L	45728	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	58
2	Bicyclo[6.1.0]nonane	124	C9H16	000286-60-2	52
3	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	52
4	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	49
5	Ethylidenecycloheptane	124	C9H16	010494-87-8	49





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Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

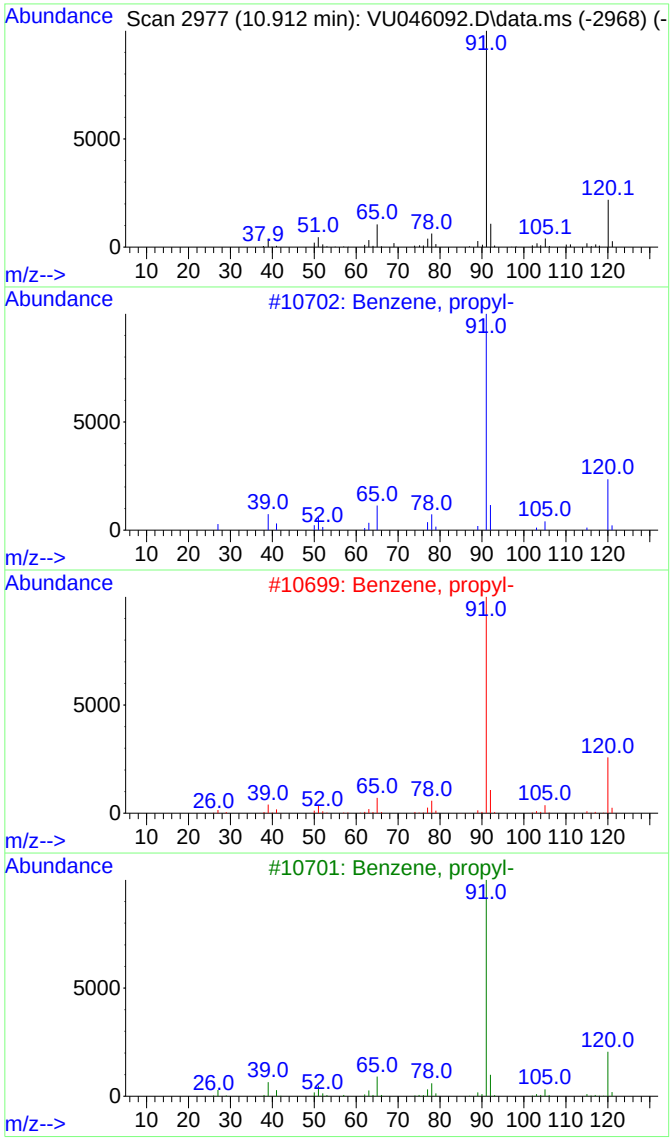
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

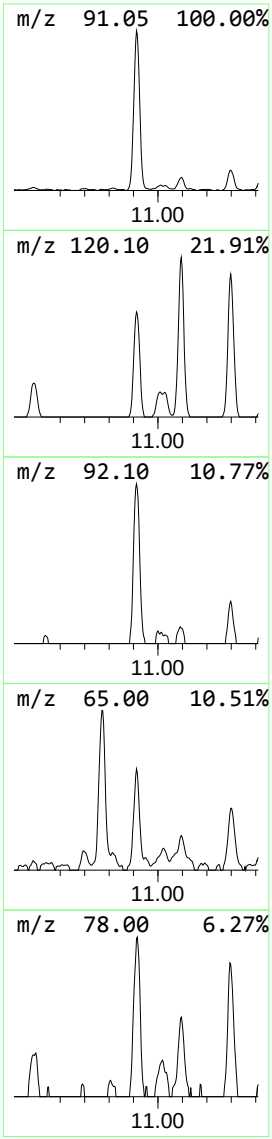
****

Peak Number 19 Benzene, propyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.912	4.97 ug/L	85353	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	76
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64





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Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

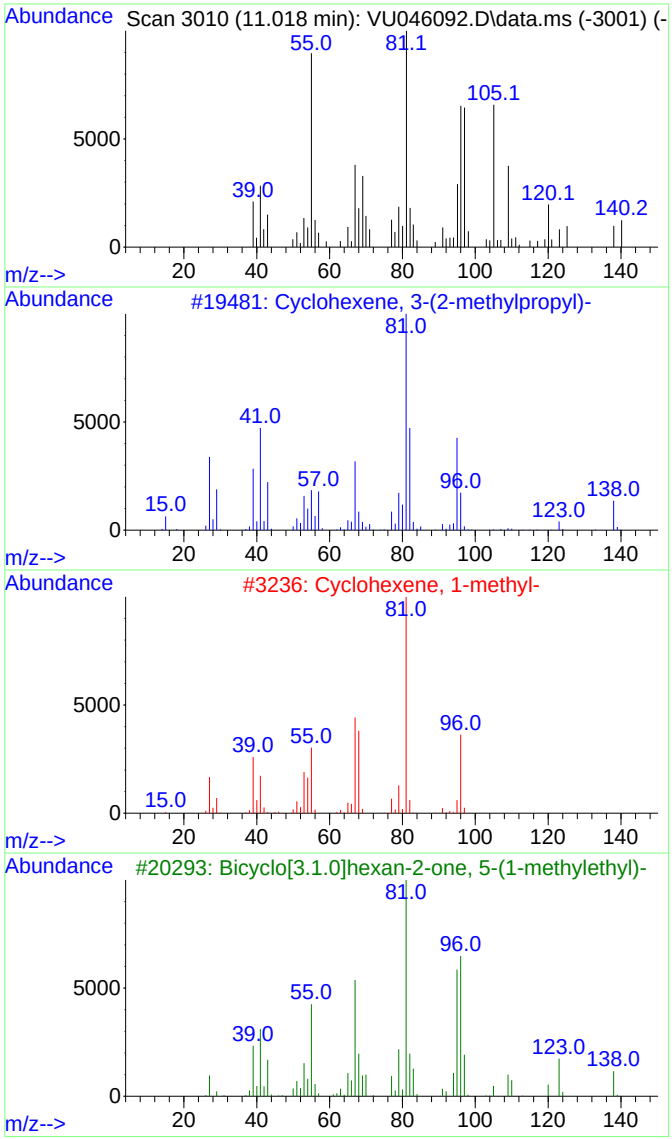
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

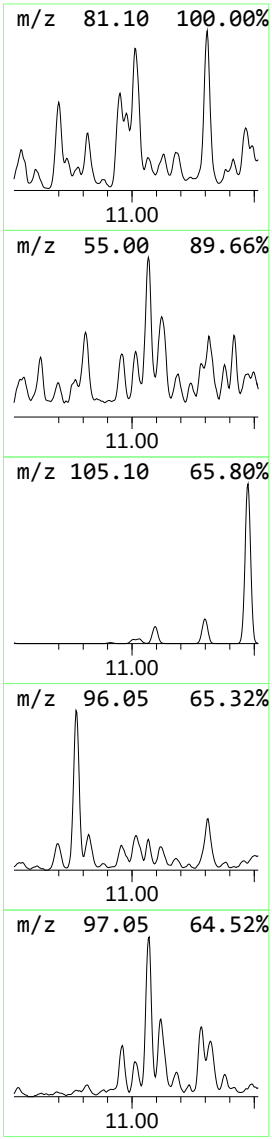
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Cyclohexene, 3-(2-methylpro... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.018	4.72 ug/L	81071	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	43
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	43
3	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	43
4	Cyclohexene,3-butyl-	138	C10H18	003983-07-1	43
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	38





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Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

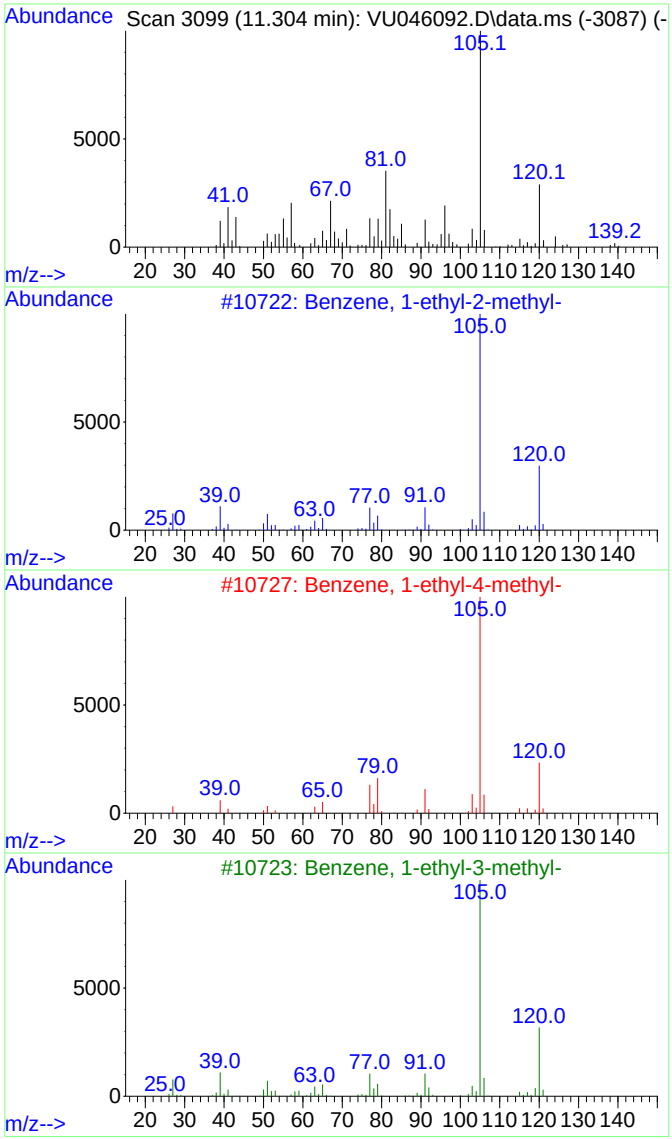
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

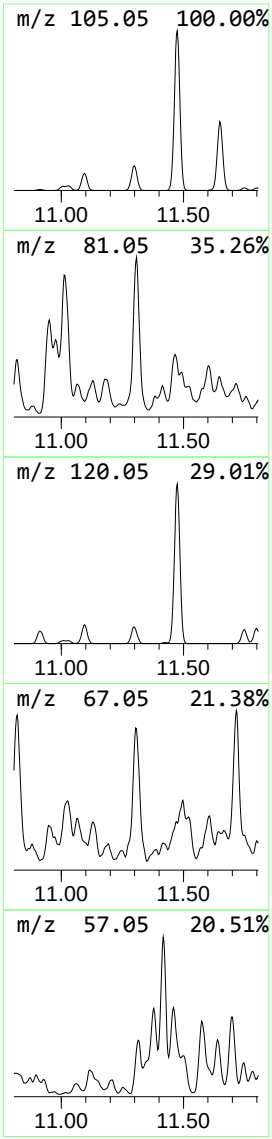
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.305	16.05 ug/L	275835	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	42
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	42
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	42





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Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

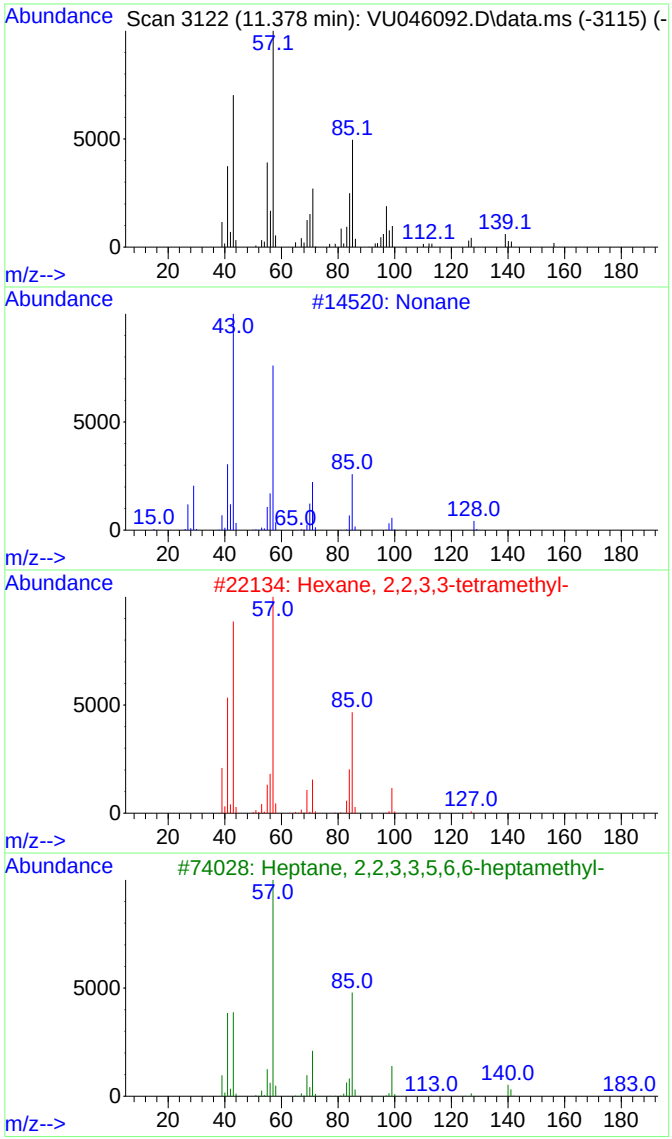
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

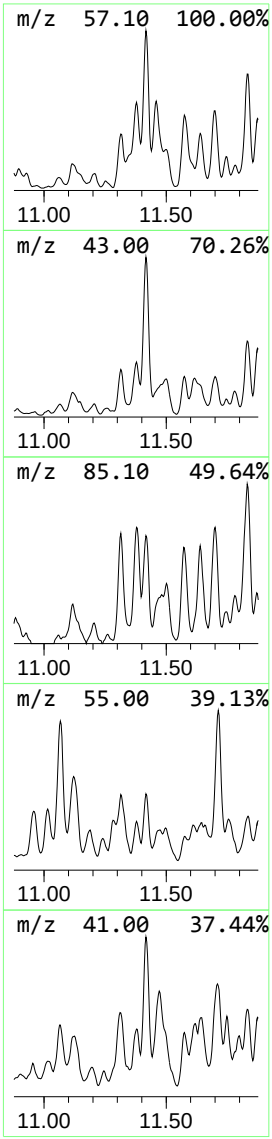
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	3.43 ug/L	58943	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	53
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	53
3	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	50
4	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	49
5	Decane, 5-methyl-	156	C11H24	013151-35-4	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

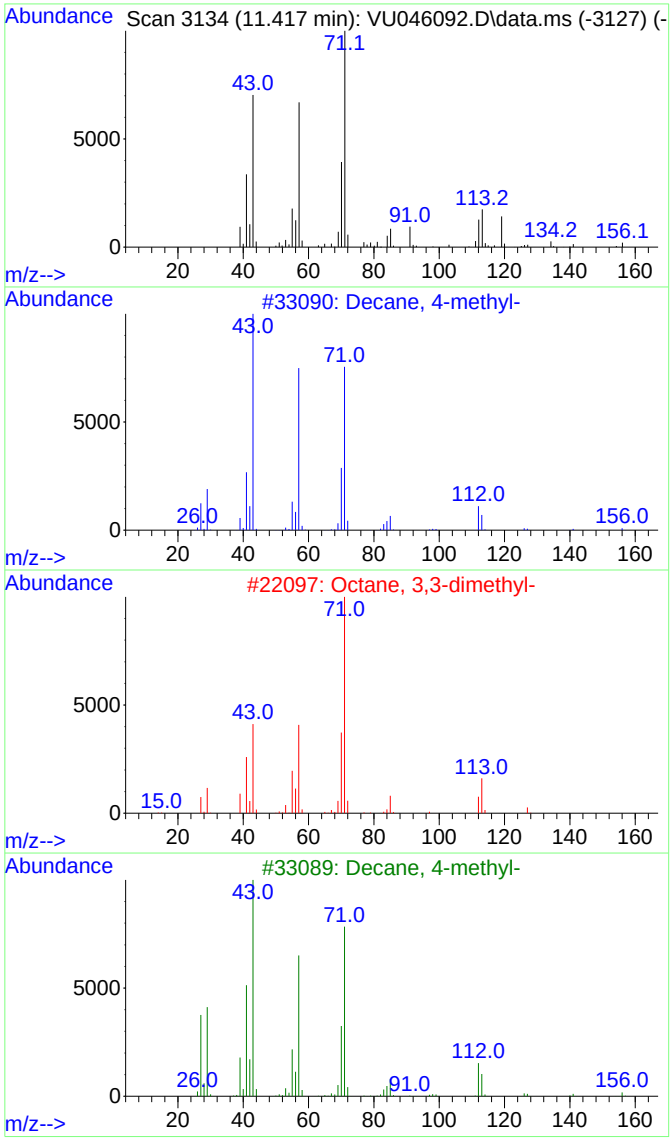
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

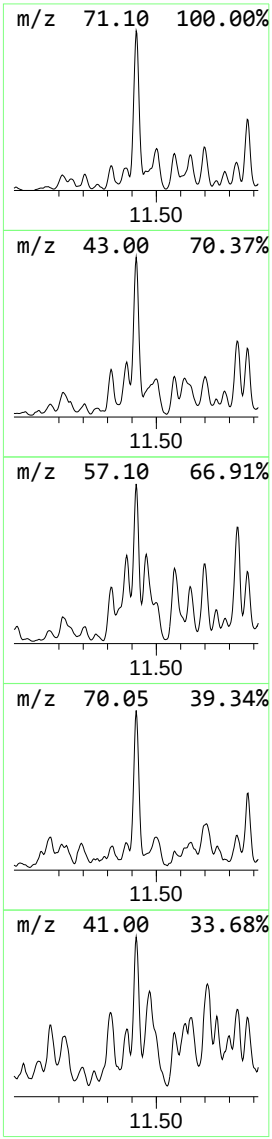
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.417	10.23 ug/L	175774	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	83
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
3	Decane, 4-methyl-	156	C11H24	002847-72-5	72
4	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	72
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

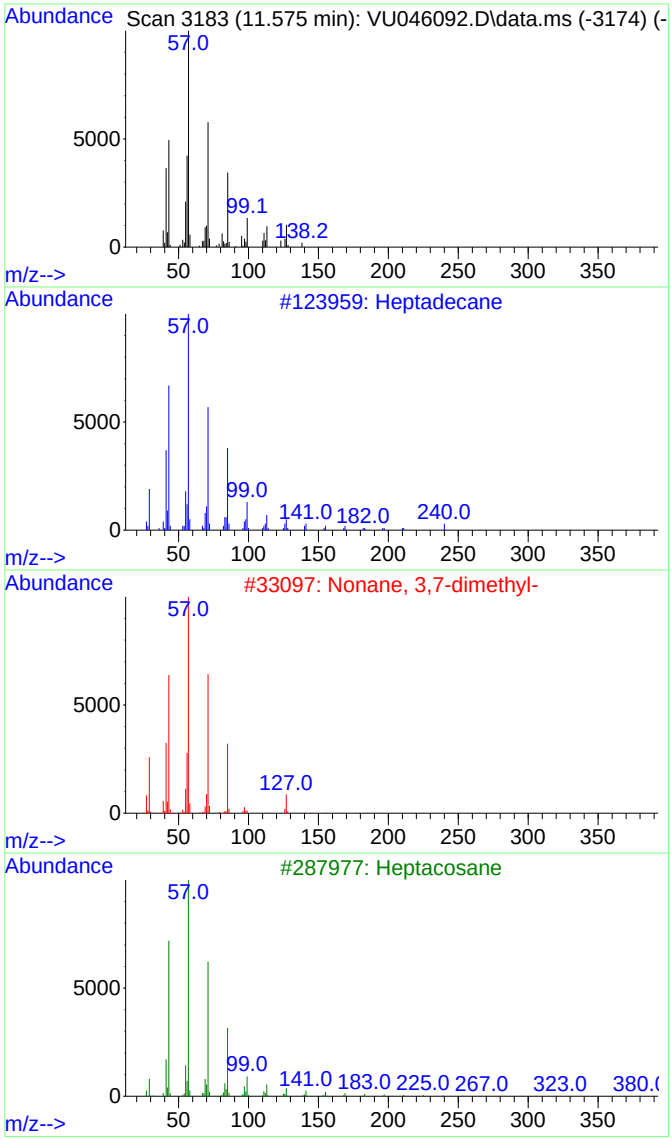
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

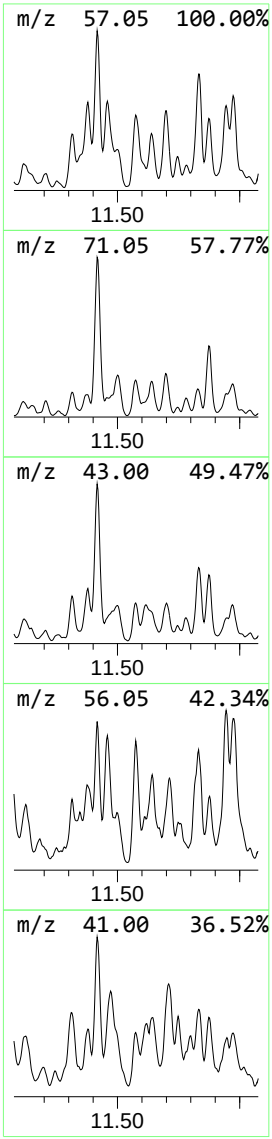
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.575	4.98 ug/L	85592	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	59
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
3	Heptacosane	380	C27H56	000593-49-7	50
4	Decane, 3-methyl-	156	C11H24	013151-34-3	50
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47





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Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

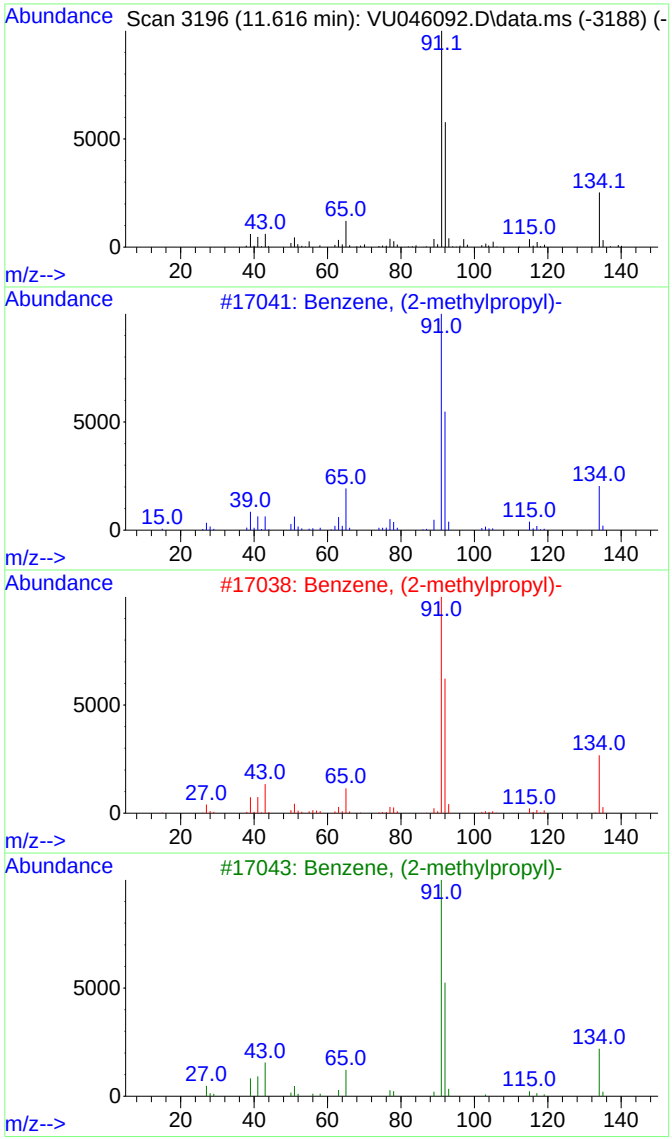
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

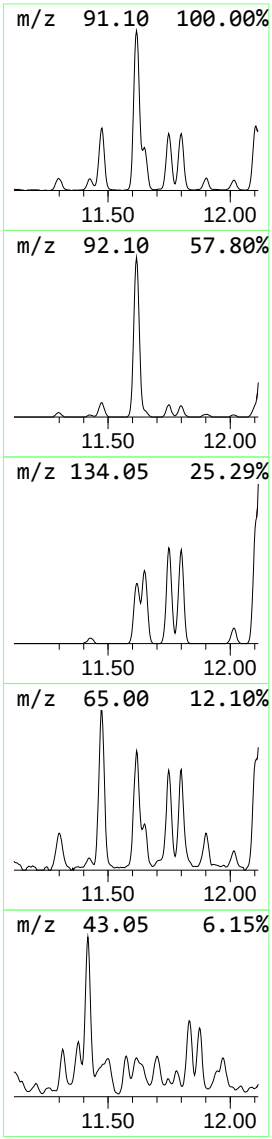
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, (2-methylpropyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	10.74 ug/L	184633	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

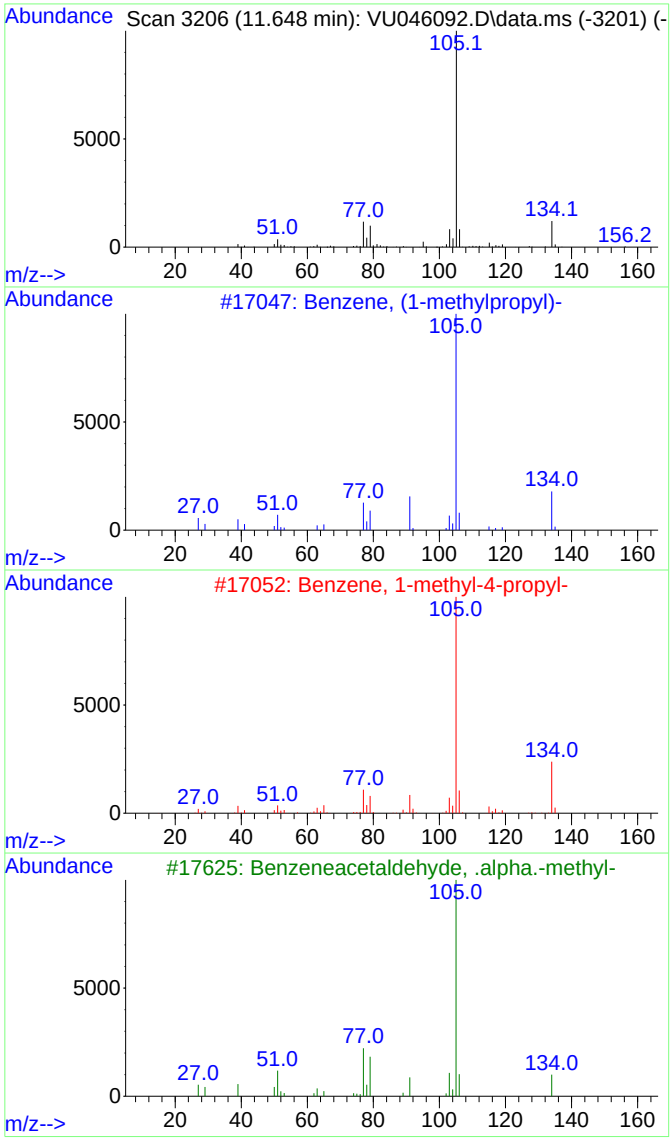
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

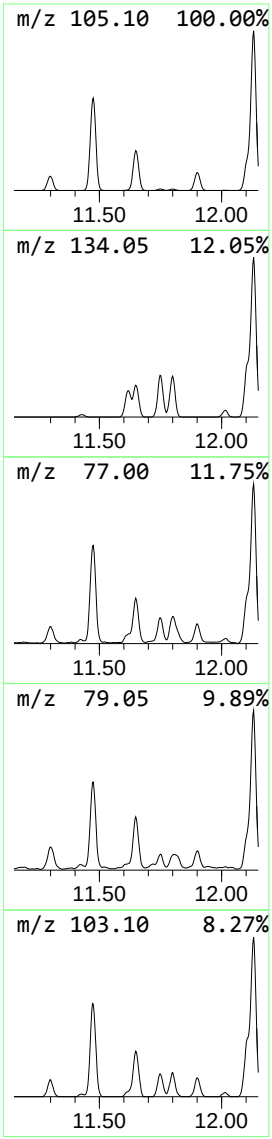
****

Peak Number 26 Benzene, (1-methylpropyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.649	16.70 ug/L	287036	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	86
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	78





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Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

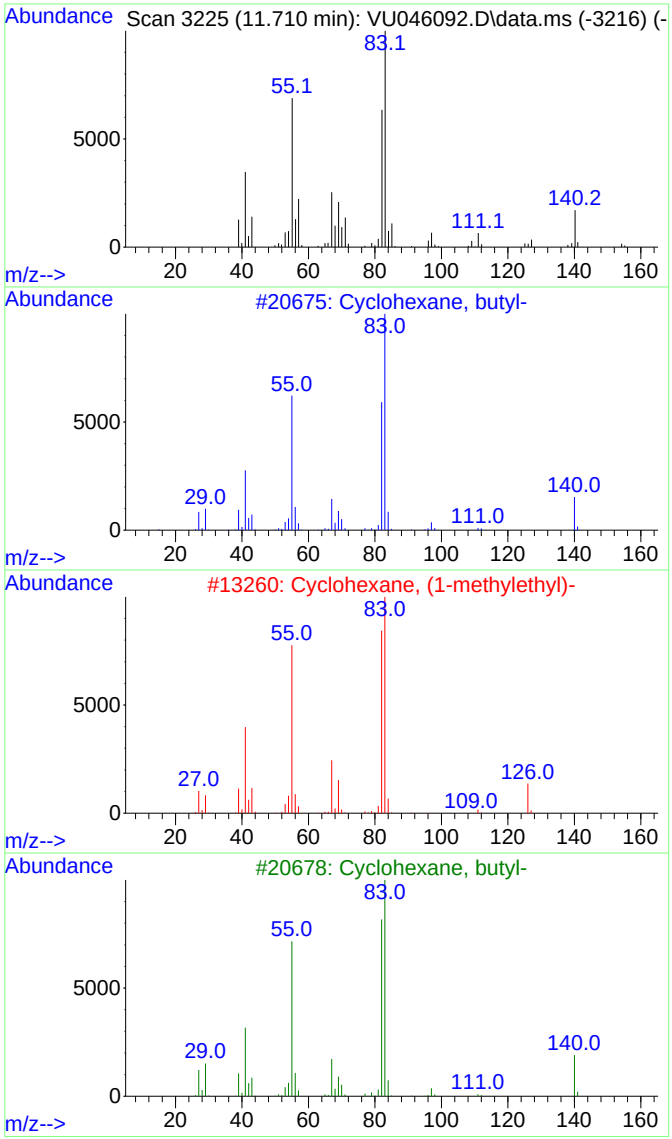
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

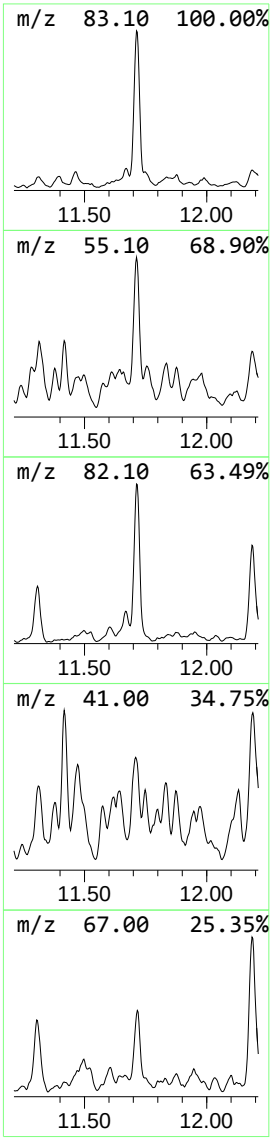
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic11.710 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.710	8.59 ug/L	147584	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	76
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	68
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	68
4	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	64
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

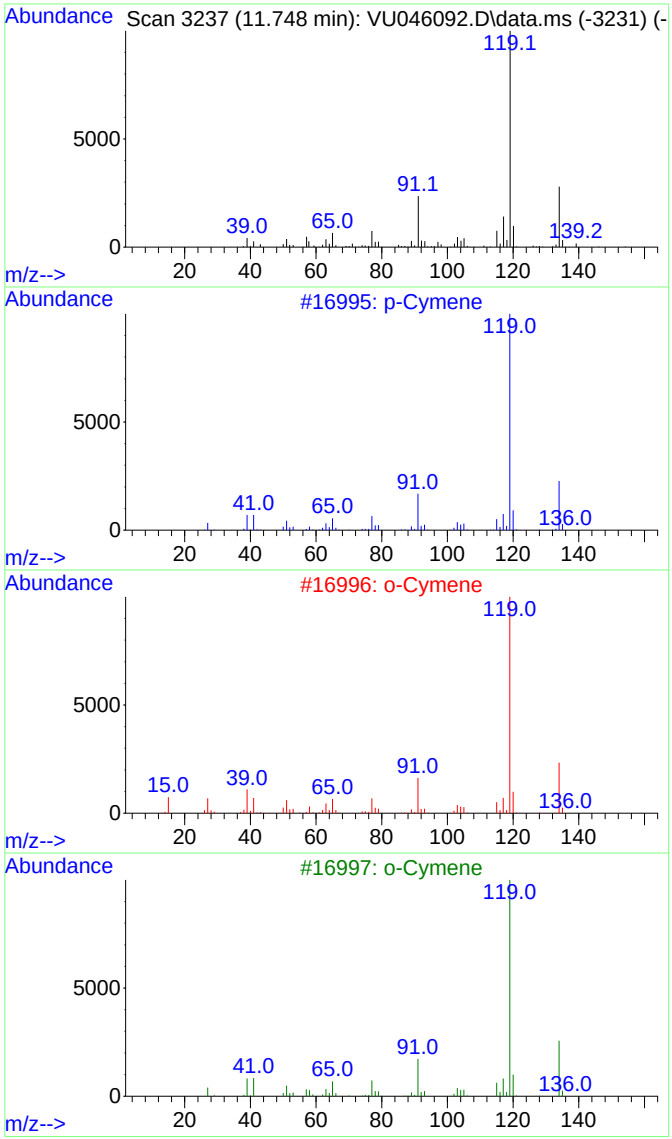
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

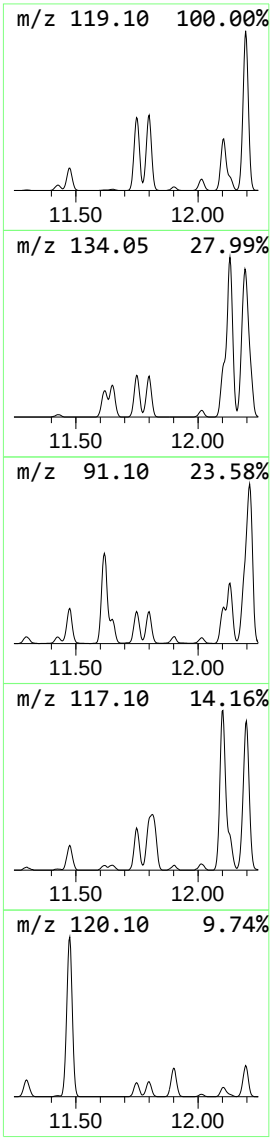
****

Peak Number 28 p-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.748	15.14 ug/L	260230	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	p-Cymene	134	C10H14	000099-87-6	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

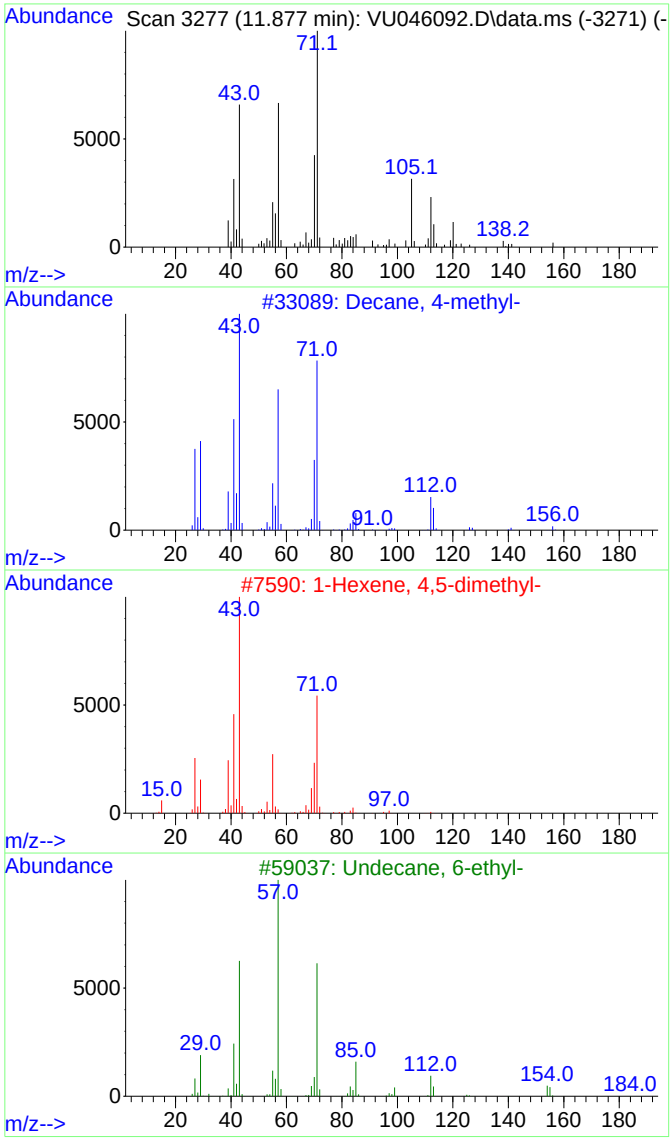
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

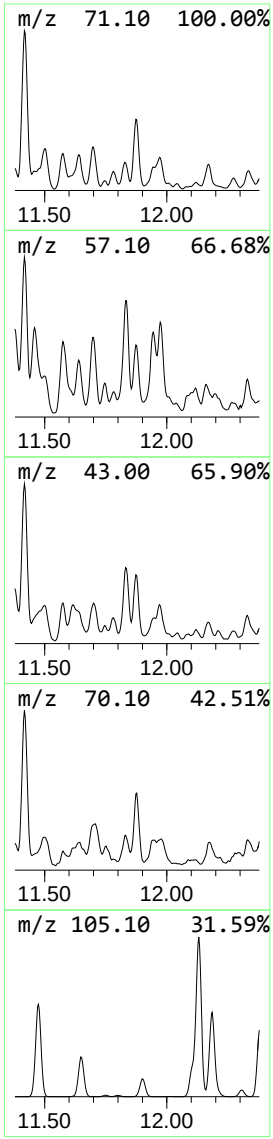
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.877	3.15 ug/L	54212	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	62
2	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	50
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	50
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	50
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

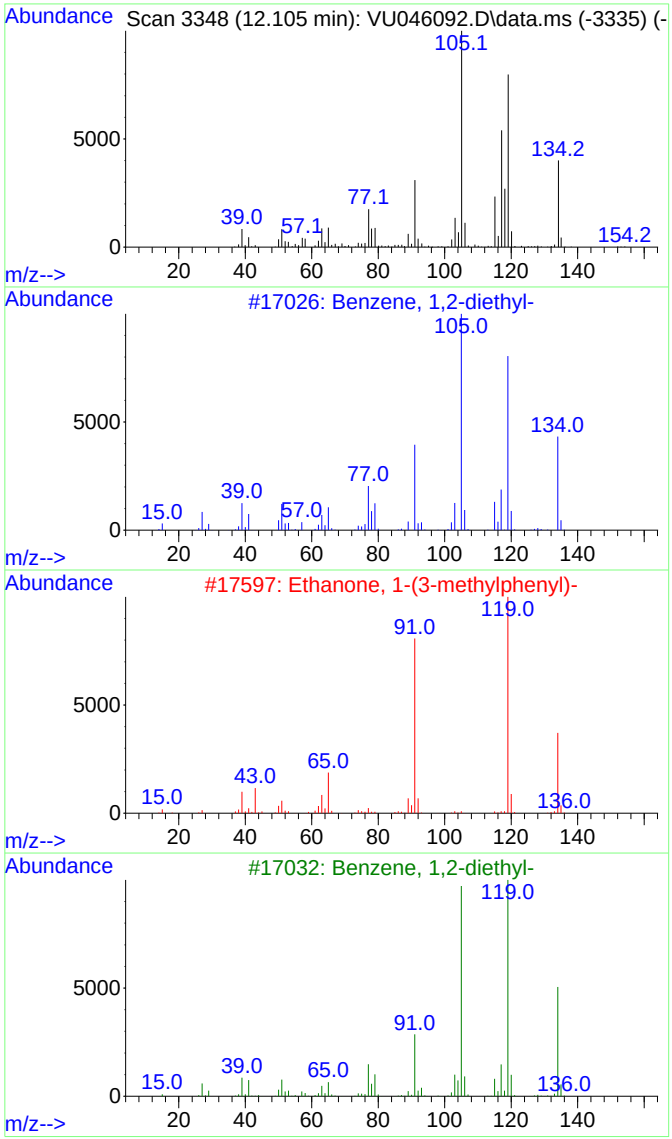
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

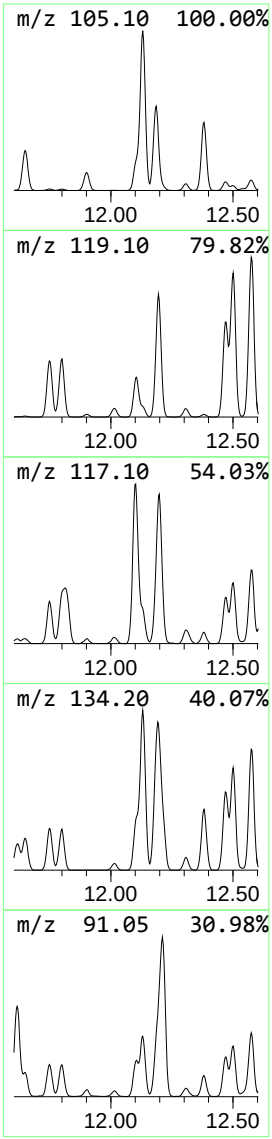
****

Peak Number 30 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.105	24.25 ug/L	416882	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	86
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

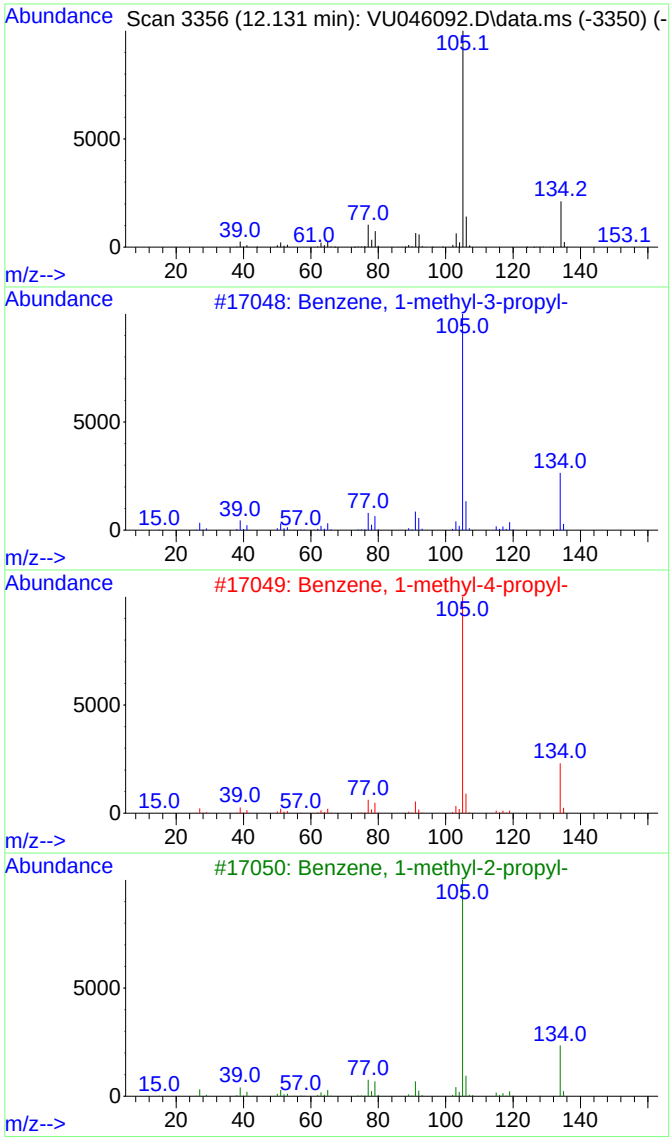
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

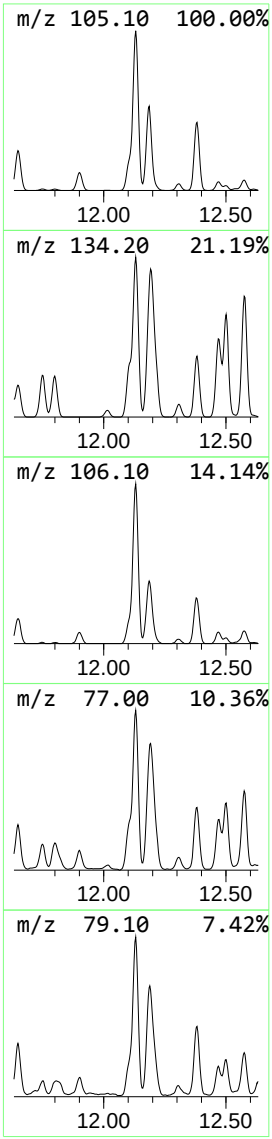
****

Peak Number 31 Benzene, 1-methyl-3-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.131	65.96 ug/L	1133810	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

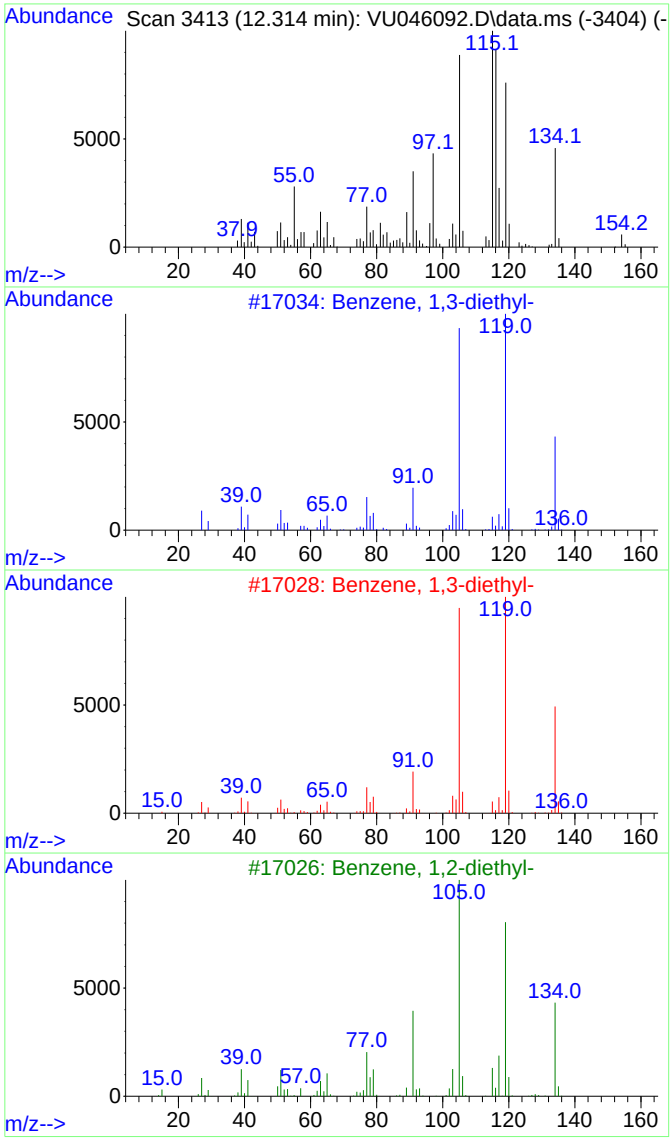
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

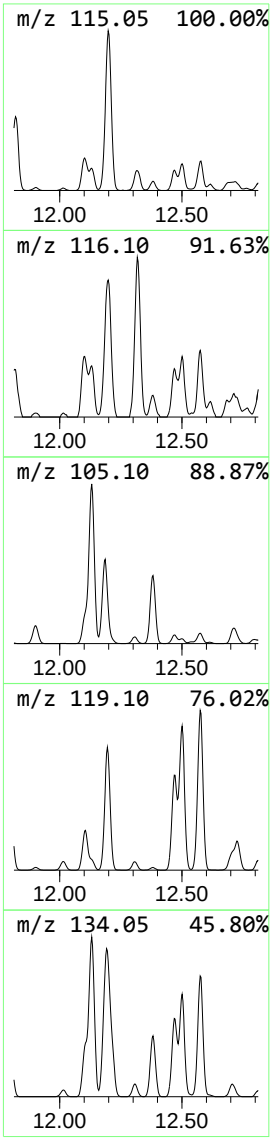
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1,3-diethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.314	9.58 ug/L	164708	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	46
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	46
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	46
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	46
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

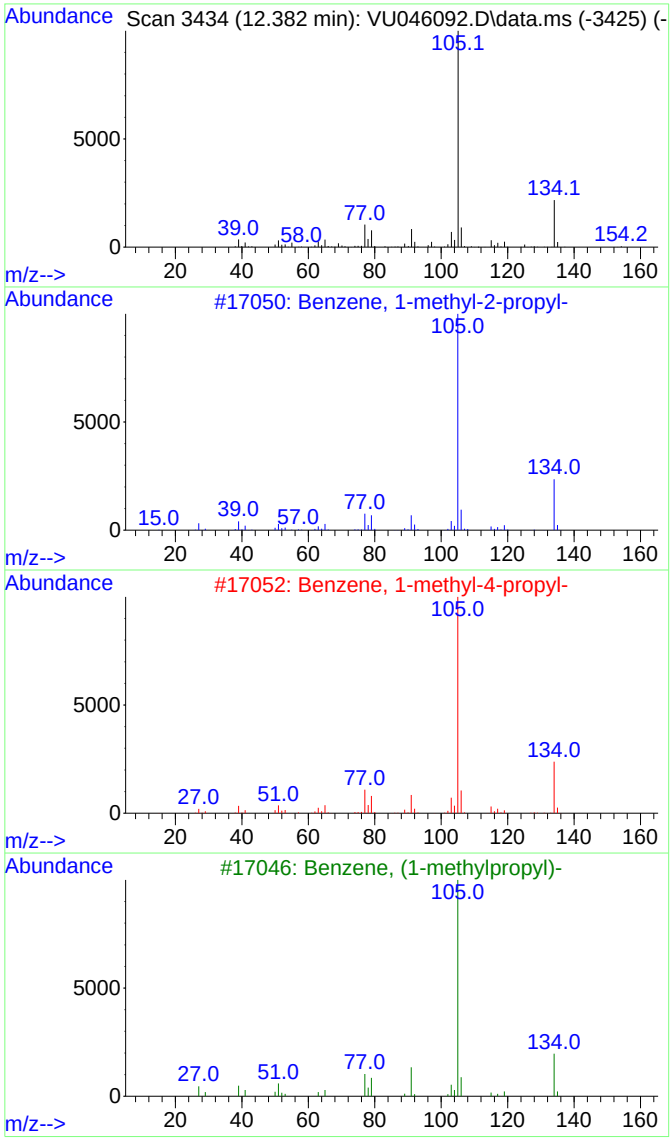
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

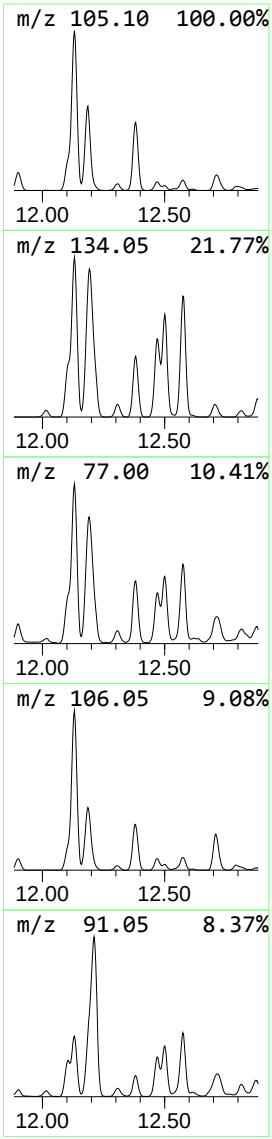
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, 1-methyl-2-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.382	30.49 ug/L	524111	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

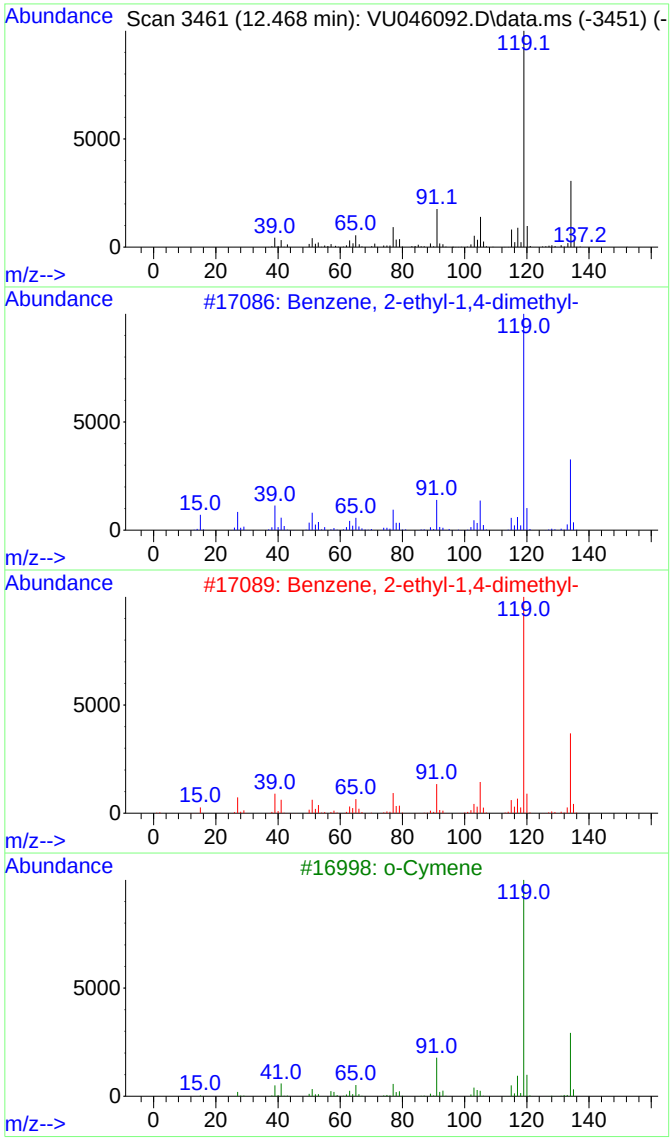
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

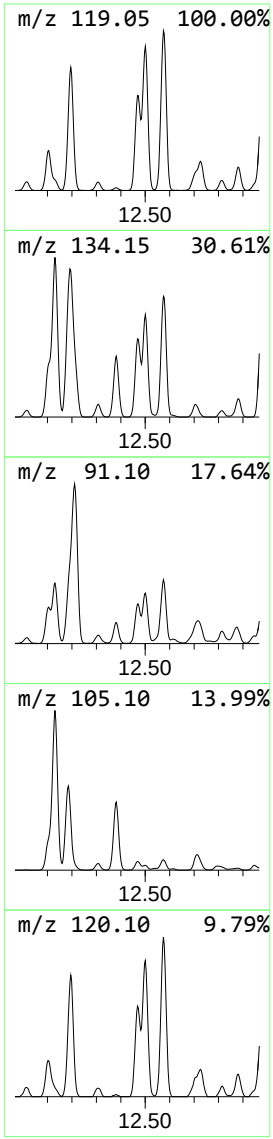
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	31.59 ug/L	543031	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

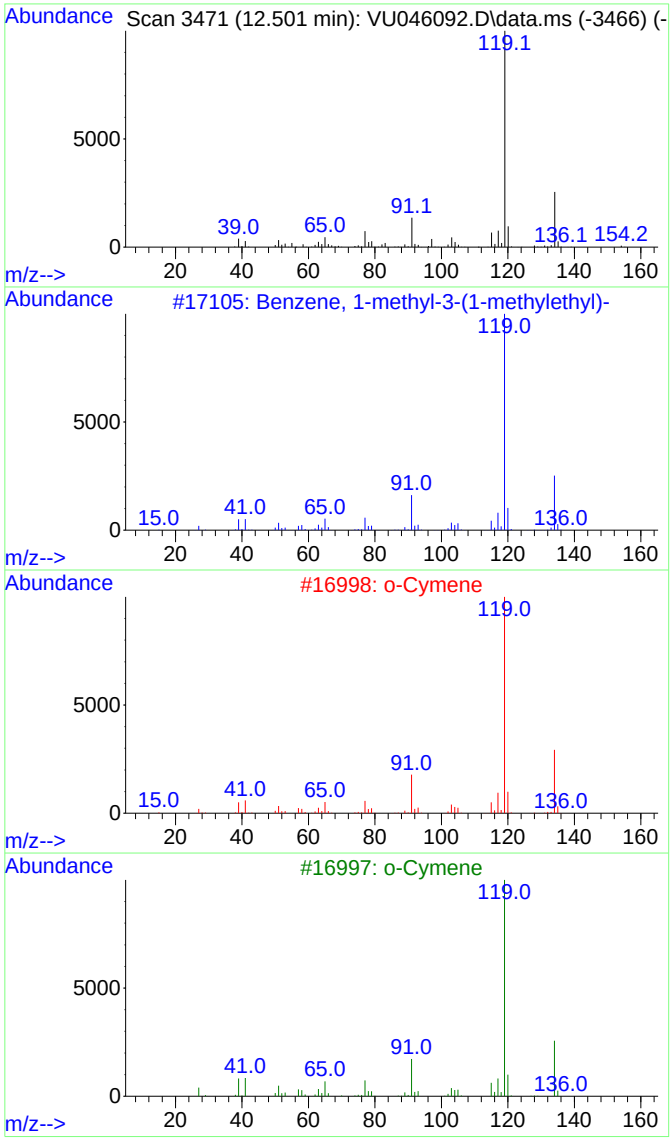
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

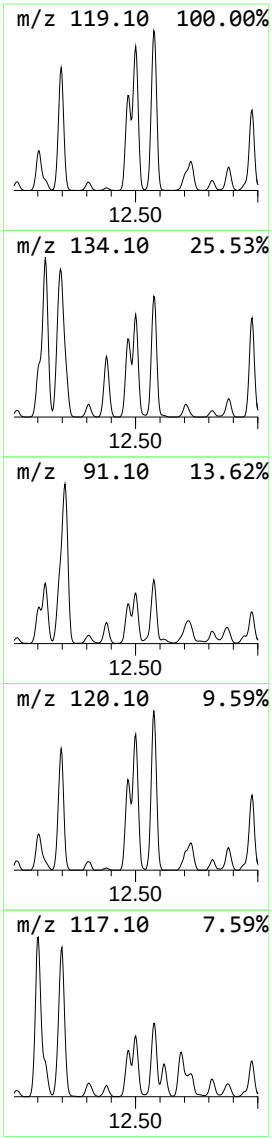
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.501	31.51 ug/L	541716	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

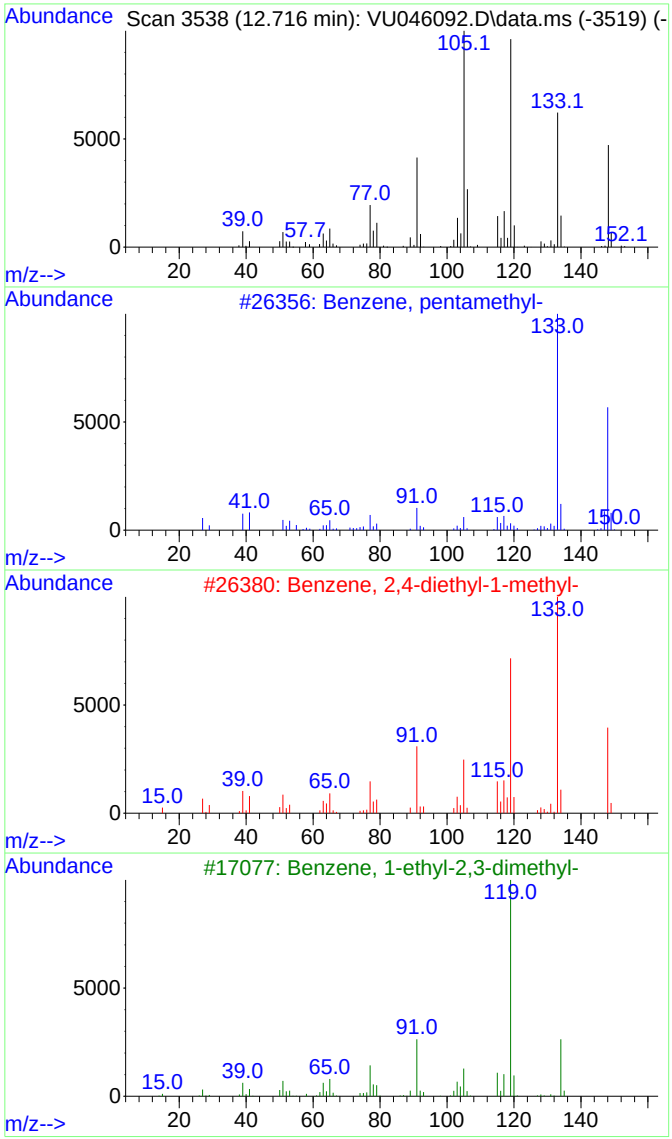
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

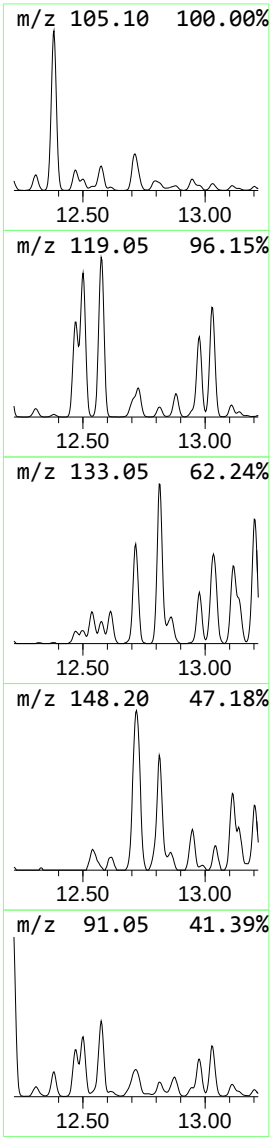
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, pentamethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	21.23 ug/L	364882	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	80
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	58
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
5	o-Cymene	134	C10H14	000527-84-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

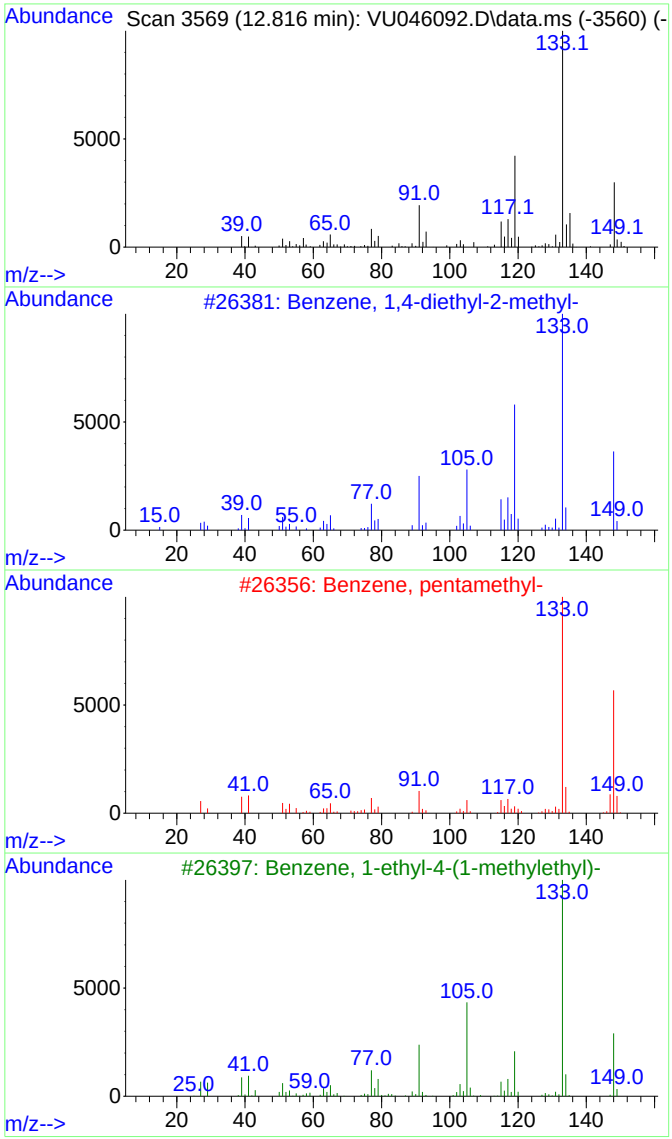
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

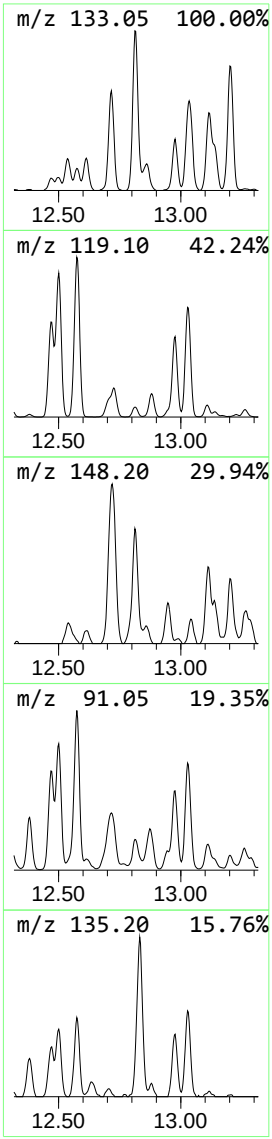
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.816	12.28 ug/L	211074	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	91
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	70
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

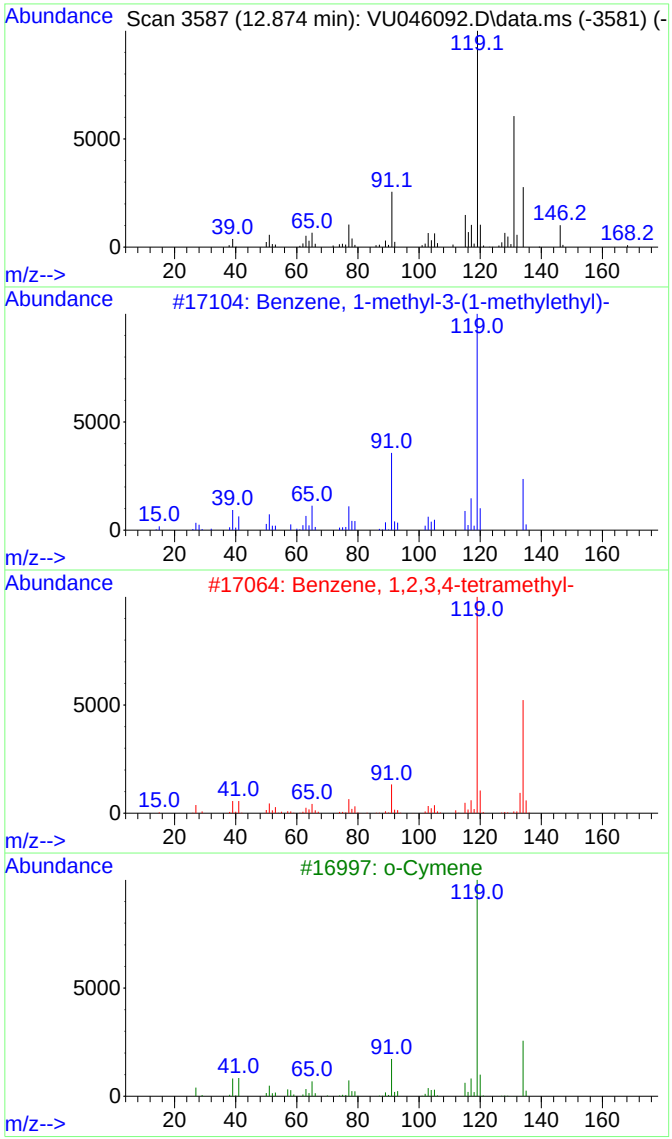
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

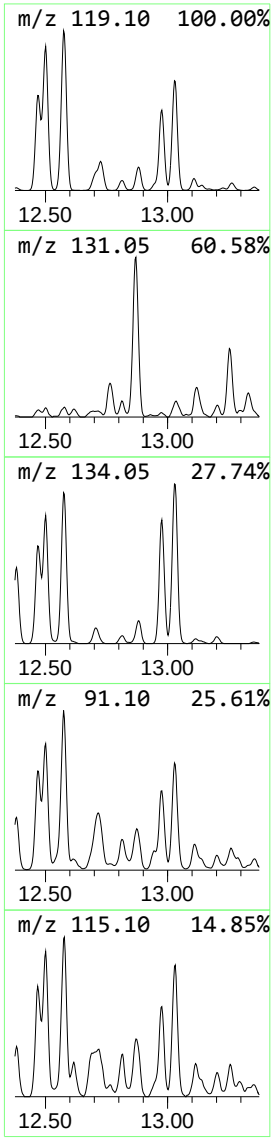
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.874	10.81 ug/L	185812	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
3	o-Cymene	134	C10H14	000527-84-4	64
4	o-Cymene	134	C10H14	000527-84-4	64
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

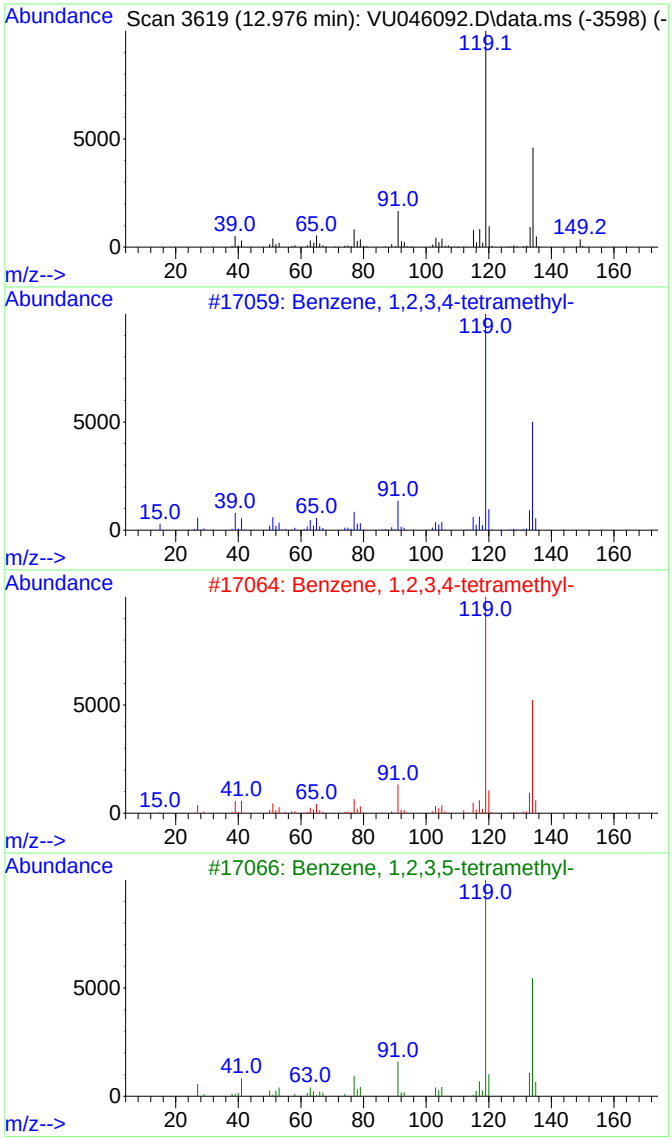
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

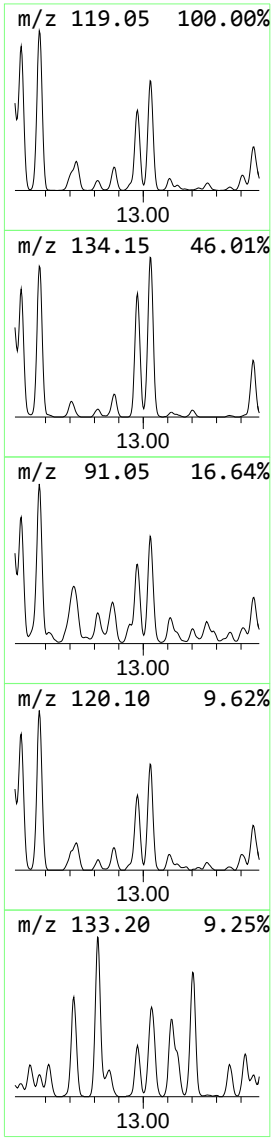
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	32.71 ug/L	562353	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

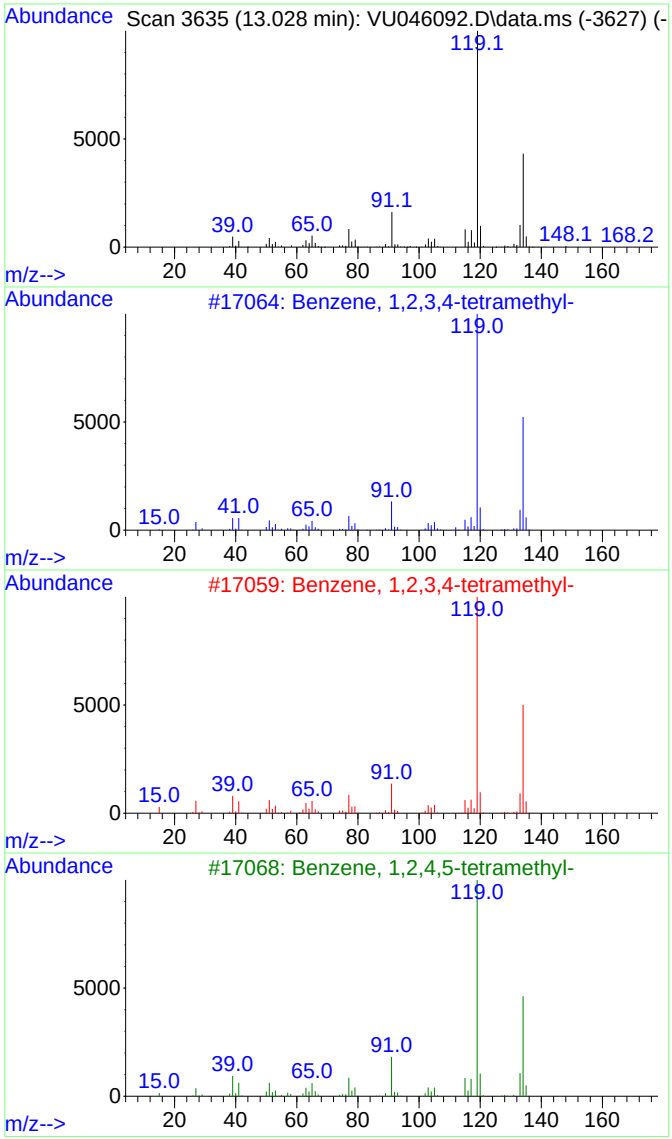
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

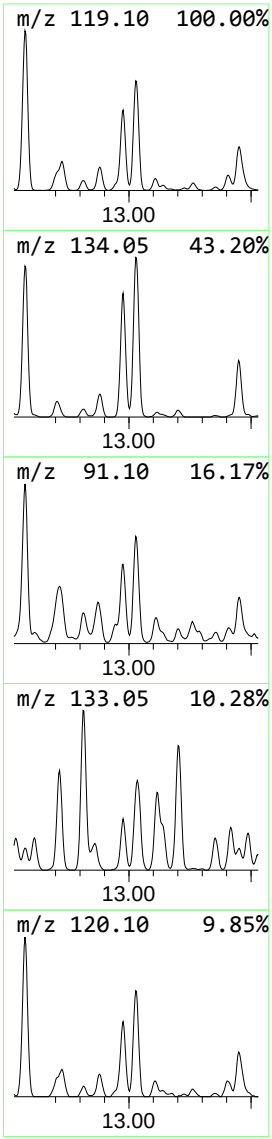
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	37.76 ug/L	649084	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

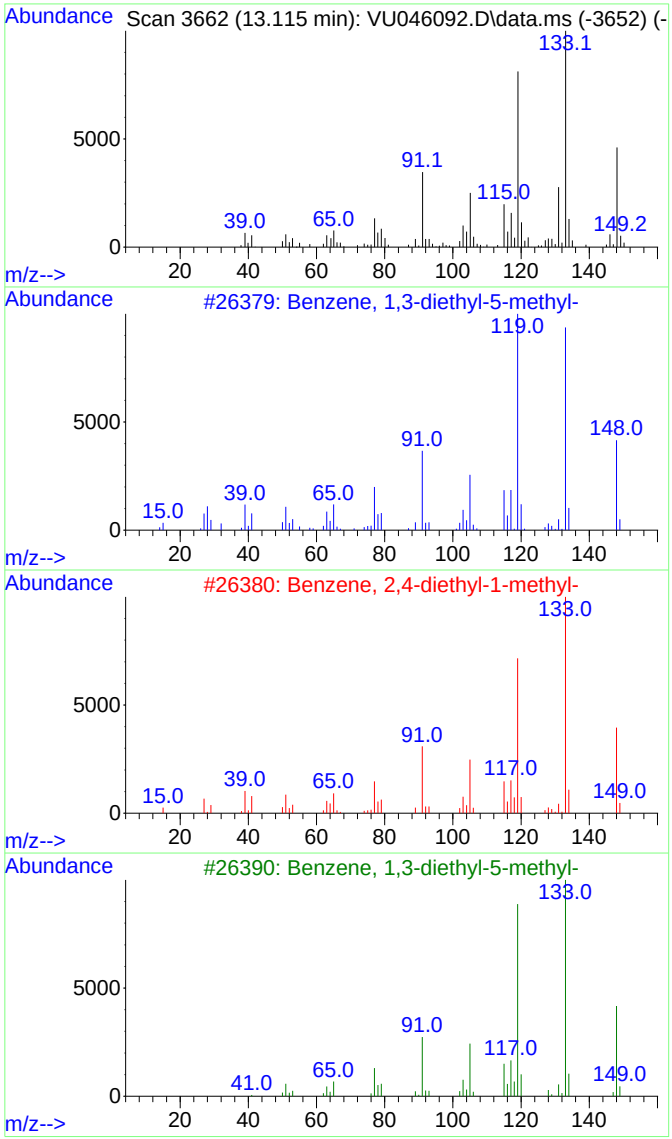
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

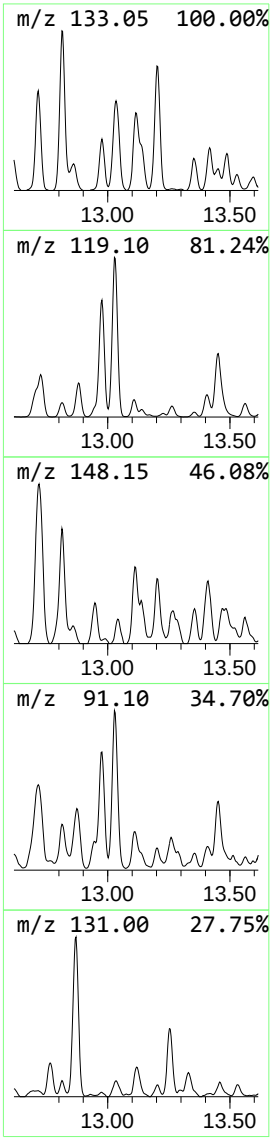
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.115	11.47 ug/L	197124	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	97
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	94
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	76
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

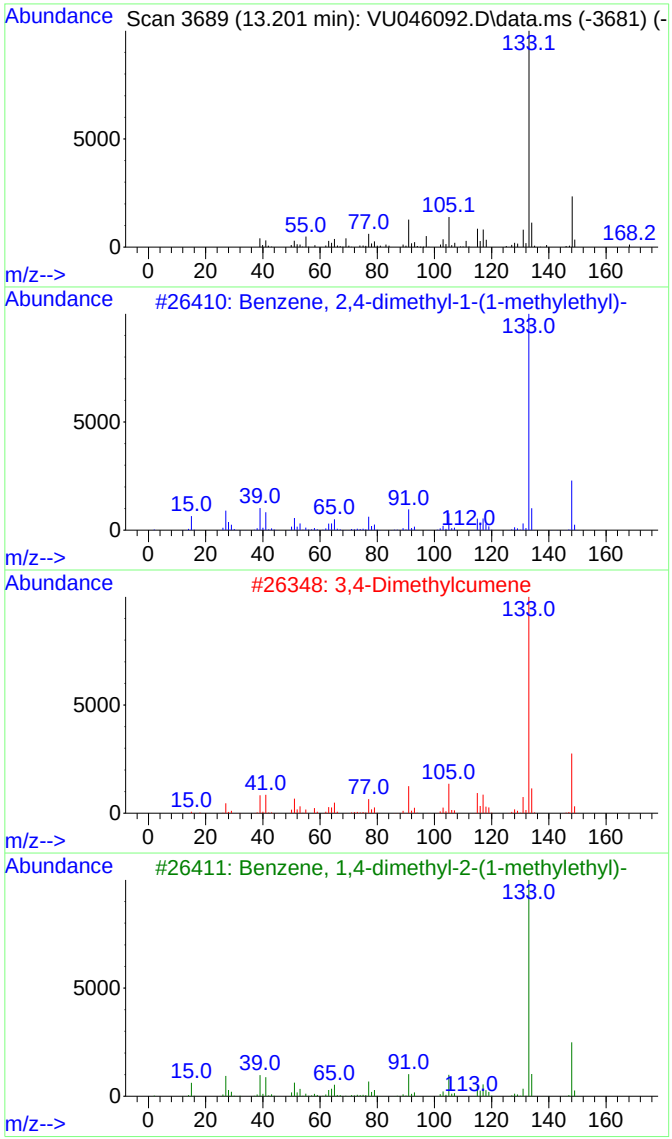
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

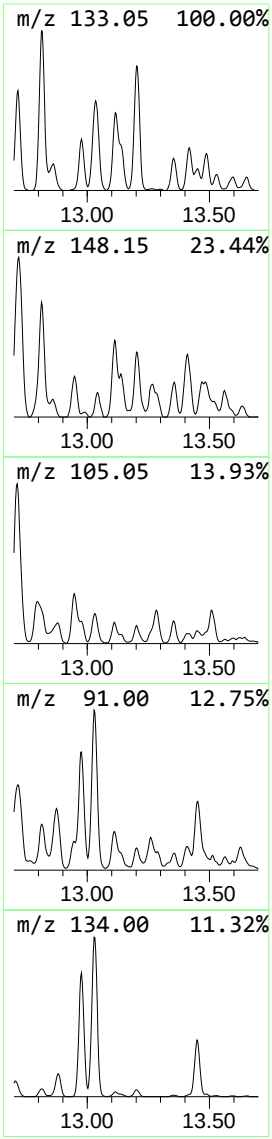
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.201	5.35 ug/L	91963	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	94
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	94
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

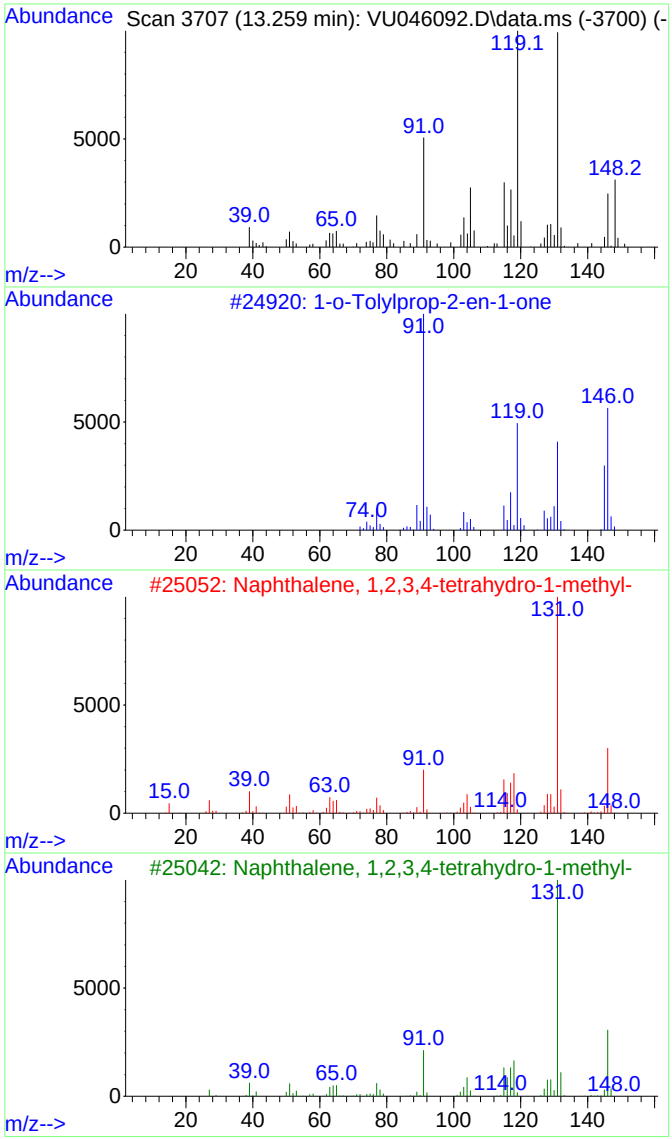
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

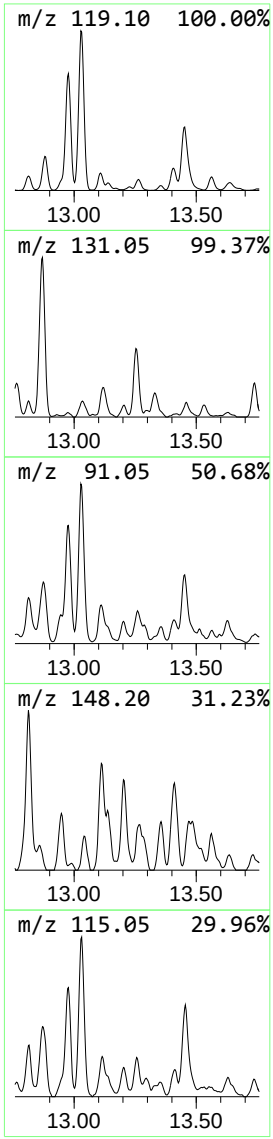
****

Peak Number 44 1-o-Tolylprop-2-en-1-one Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.259	4.12 ug/L	70763	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-o-Tolylprop-2-en-1-one	146	C10H10O	039627-60-6	74
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	50
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

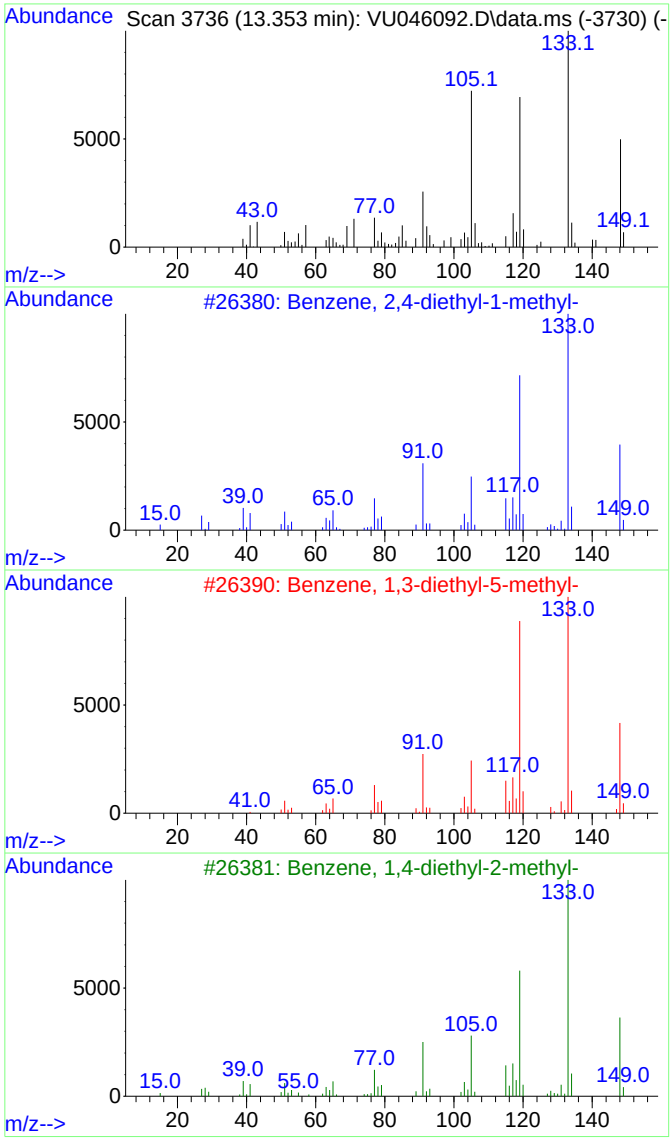
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

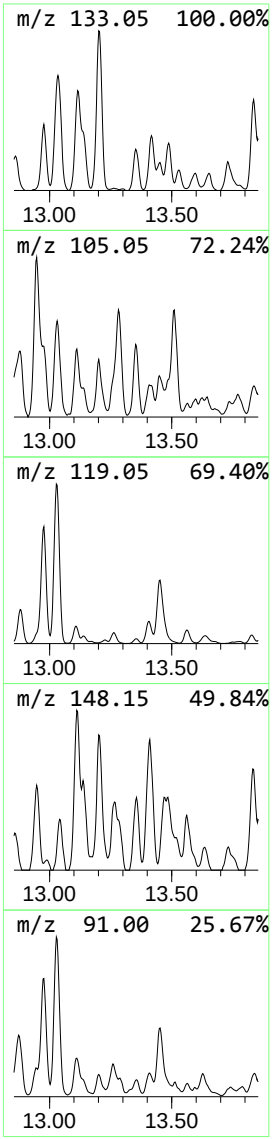
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.353	2.84 ug/L	48773	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	87
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	87
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	72
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

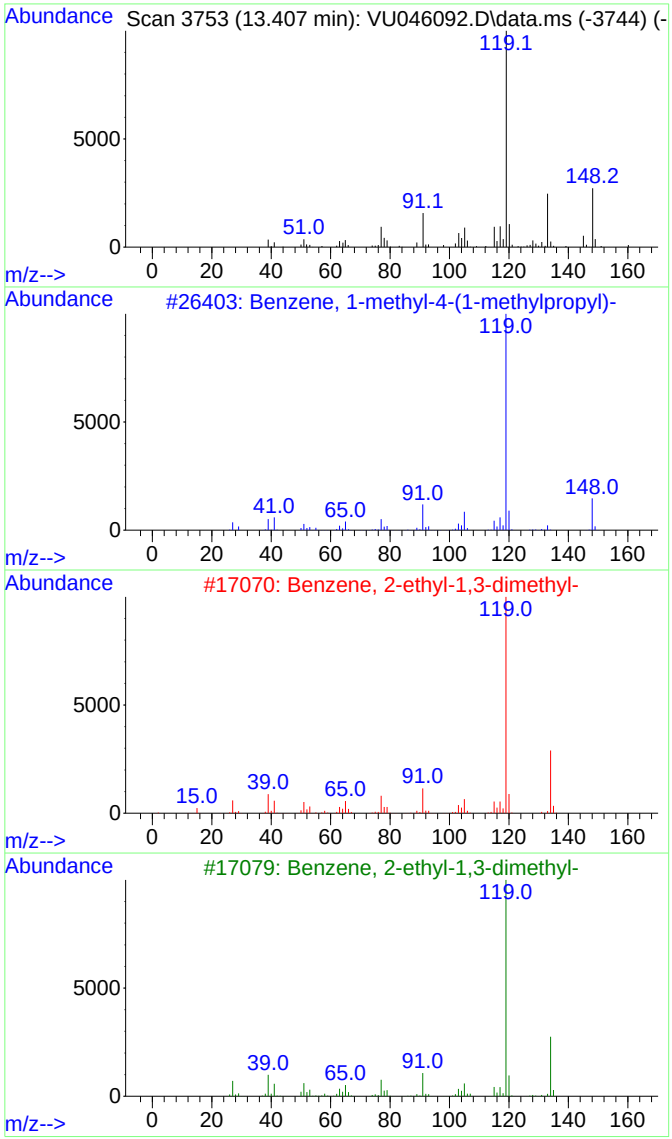
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

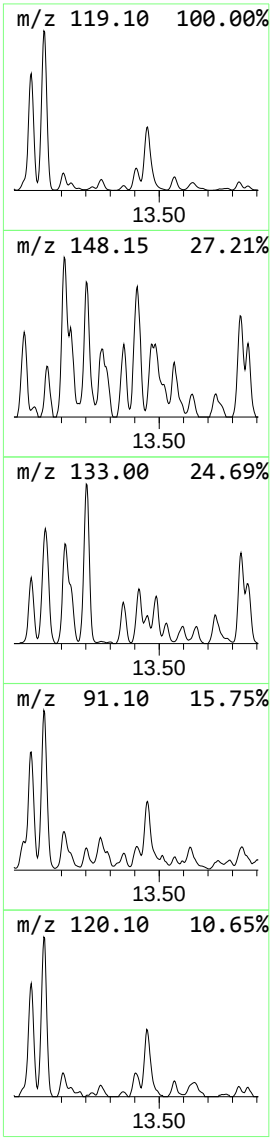
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 1-methyl-4-(1-meth... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.407	5.45 ug/L	93692	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	81
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	62
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	59
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

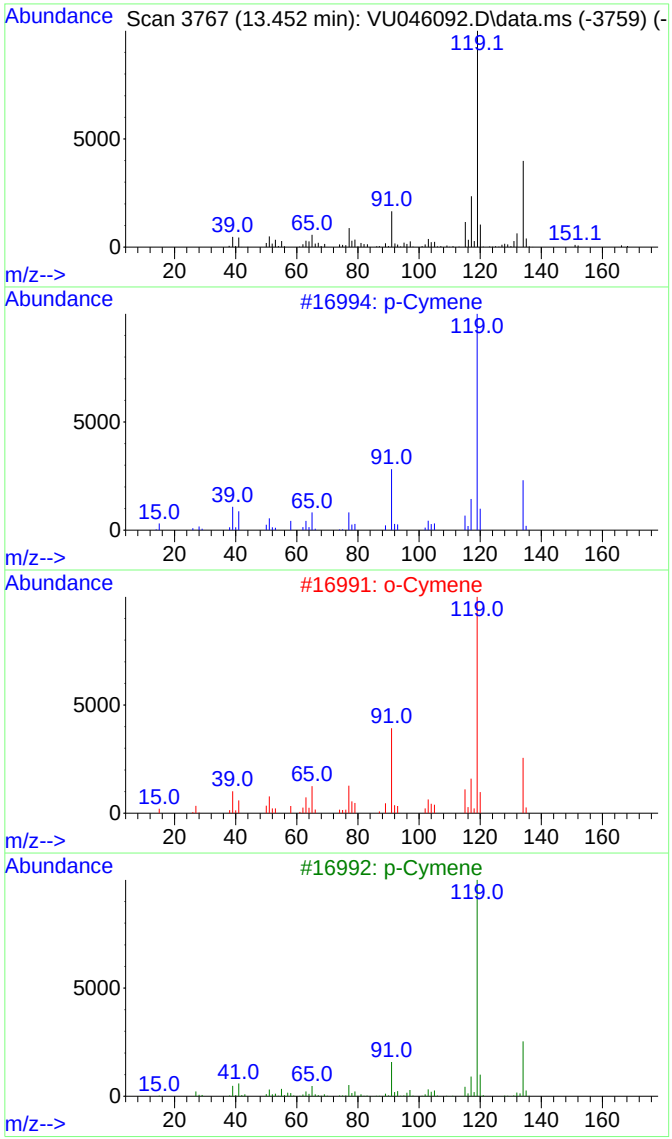
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

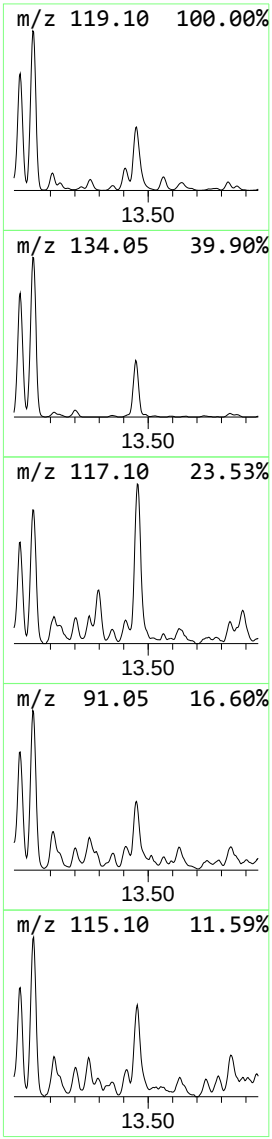
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	19.32 ug/L	332179	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	90
2	o-Cymene	134	C10H14	000527-84-4	90
3	p-Cymene	134	C10H14	000099-87-6	87
4	o-Cymene	134	C10H14	000527-84-4	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

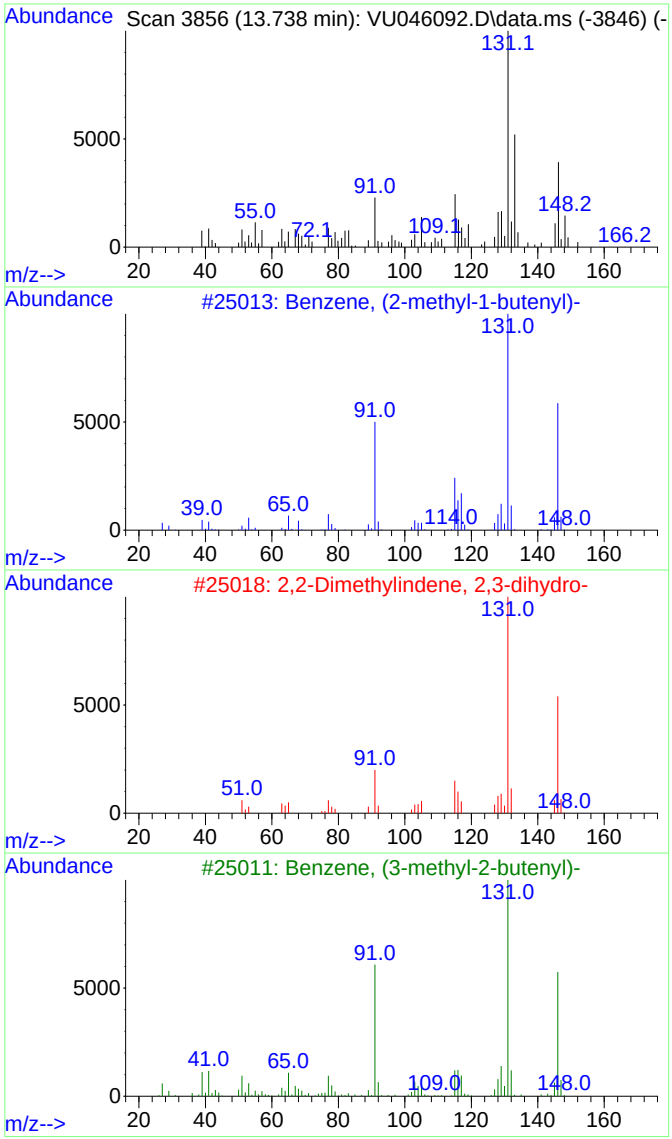
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

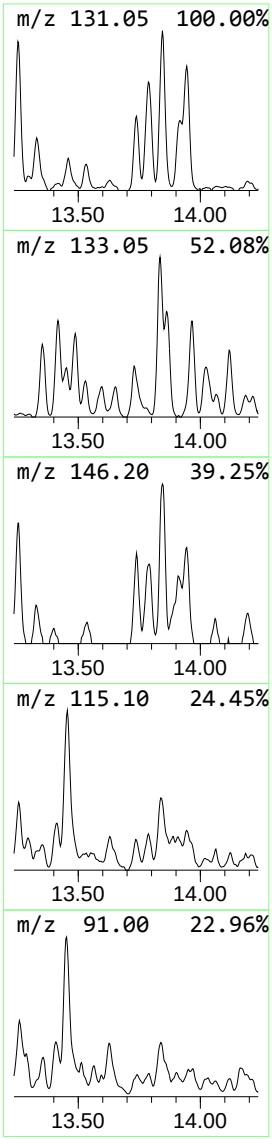
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, (2-methyl-1-butenyl)- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.738	3.49 ug/L	60034	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

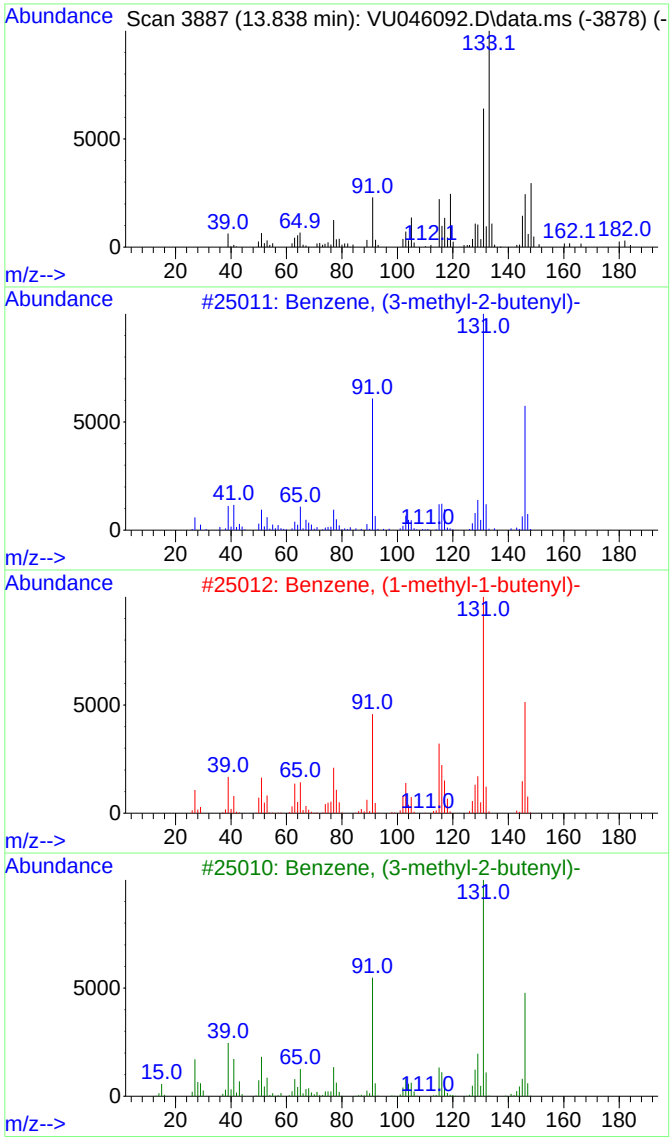
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

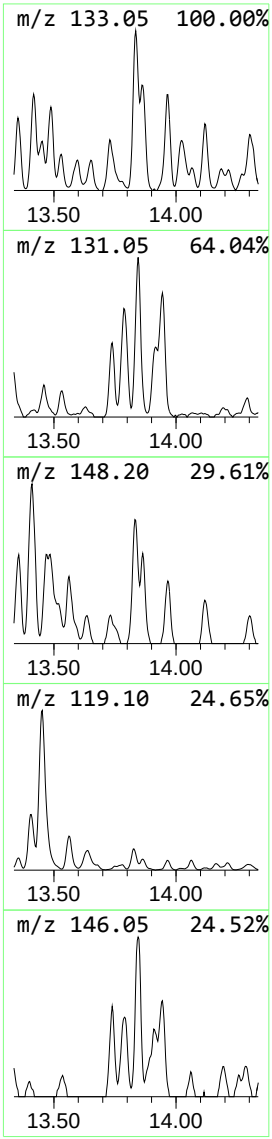
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, (3-methyl-2-butenyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.838	8.30 ug/L	142595	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	80
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

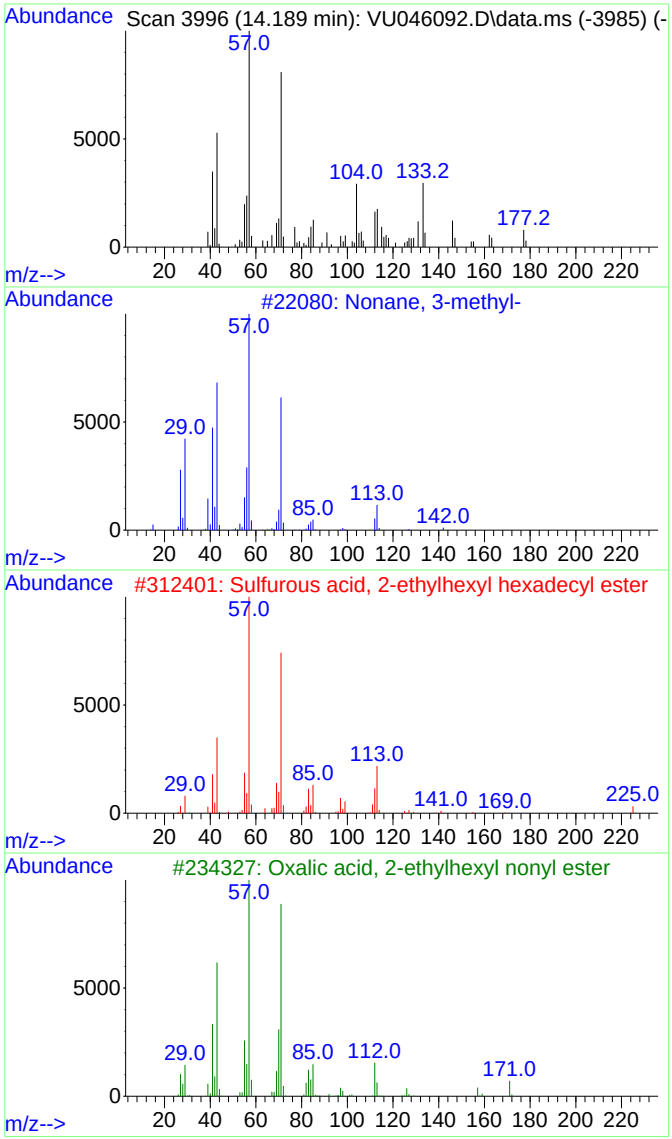
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

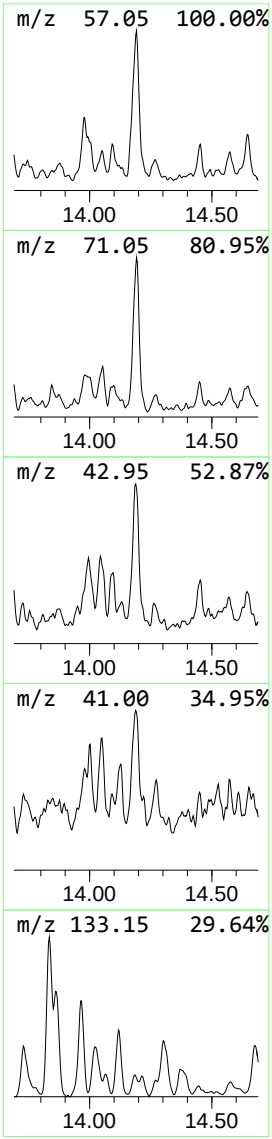
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.189	5.58 ug/L	95899	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
2	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	52
3	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	50
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	50
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

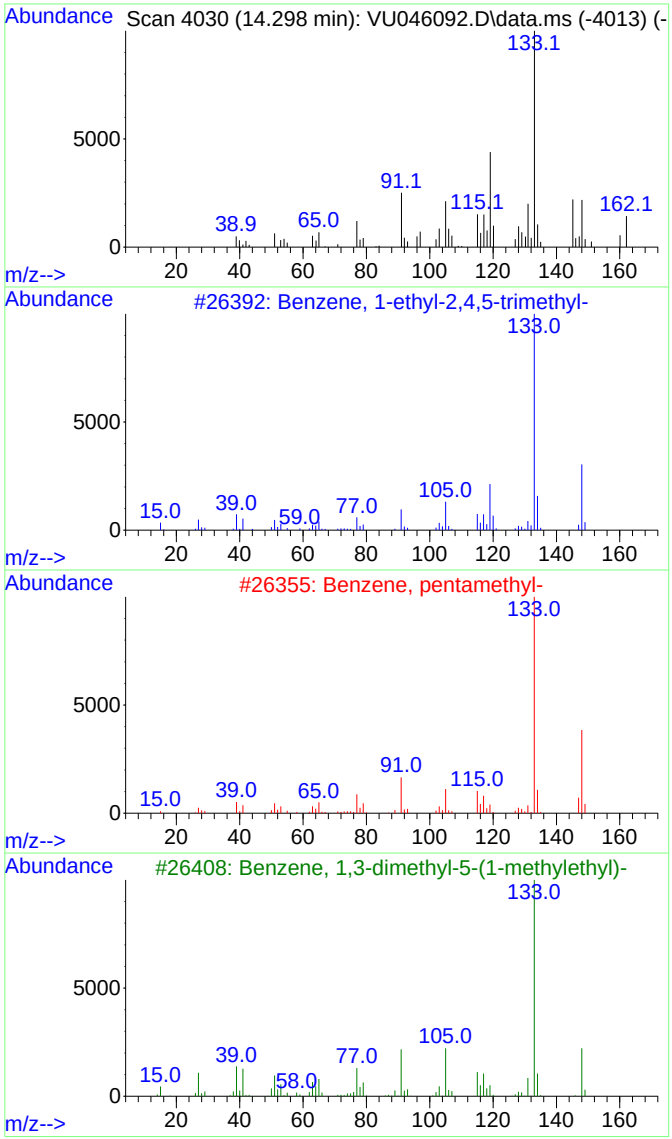
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

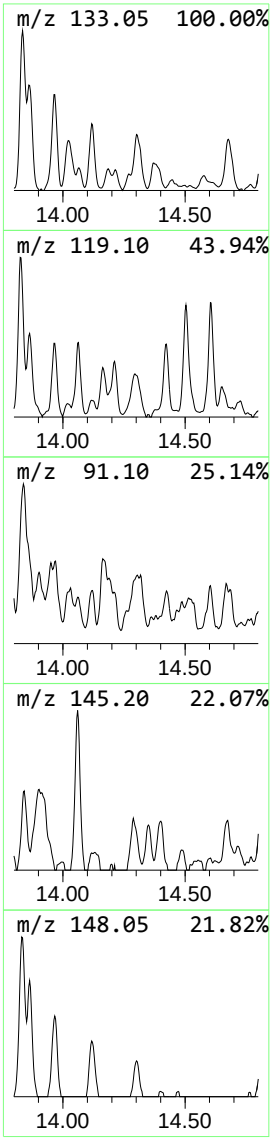
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.298	4.12 ug/L	70842	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	62
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	49
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

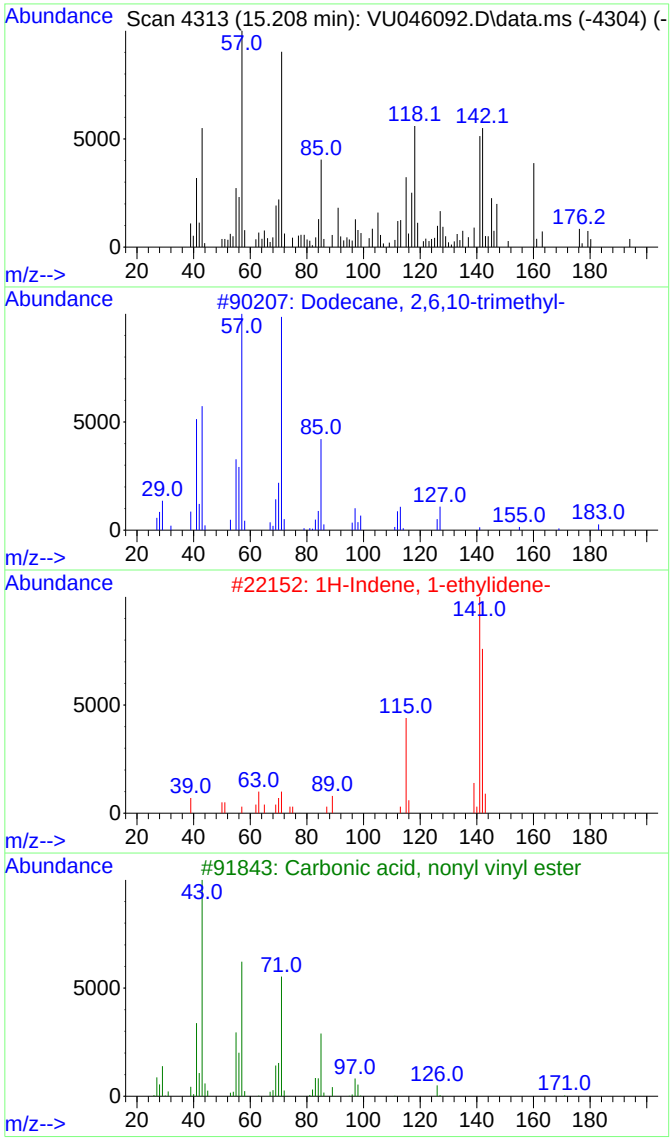
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

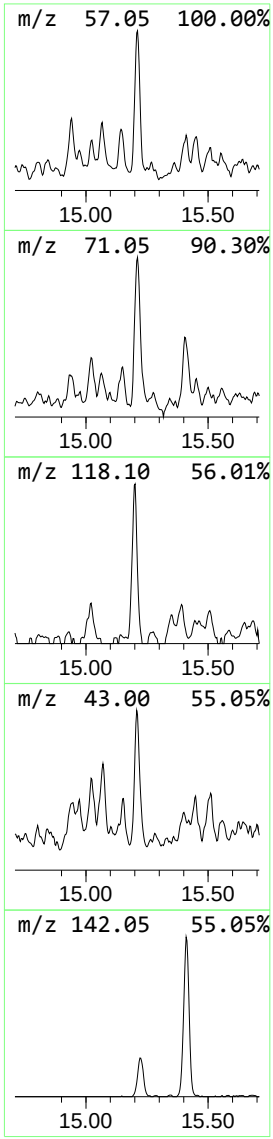
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	4.64 ug/L	79700	1,4-Dichlorobenzene-d4	11.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	30
2	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	25
3	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	25
4	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	22
5	2,3-Dimethyldecane	170	C12H26	017312-44-6	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
Data File : VU046092.D
Acq On : 04 Dec 2021 14:51
Operator : SY/MD
Sample : M4942-04
Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	7.498	2.9	ug/L	23636	1	6.247	406163	50.0
(DEL) Alkane: S...	7.658	4.0	ug/L	32670	1	6.247	406163	50.0
(DEL) Alkane: C...	8.864	6.9	ug/L	72424	2	9.427	525695	50.0
(DEL) Alkane: C...	8.925	6.1	ug/L	63883	2	9.427	525695	50.0
Cyclohexanone, ...	9.060	2.5	ug/L	26327	2	9.427	525695	50.0
(DEL) Alkane: S...	9.121	3.0	ug/L	31748	2	9.427	525695	50.0
(DEL) Alkane: C...	9.166	5.2	ug/L	54830	2	9.427	525695	50.0
(DEL) Alkane: S...	9.211	8.5	ug/L	89646	2	9.427	525695	50.0
(DEL) Alkane: S...	9.337	12.0	ug/L	126509	2	9.427	525695	50.0
Pentalene, octa...	9.510	4.2	ug/L	44131	2	9.427	525695	50.0
Cyclohexene, 1-...	9.893	3.7	ug/L	38768	2	9.427	525695	50.0
(DEL) Alkane: C...	10.028	20.2	ug/L	212564	2	9.427	525695	50.0
(DEL) Alkane: S...	10.253	21.0	ug/L	220650	2	9.427	525695	50.0
(DEL) Alkane: C...	10.359	25.8	ug/L	270843	2	9.427	525695	50.0
(DEL) Alkane: S...	10.559	13.4	ug/L	141040	2	9.427	525695	50.0
(DEL) Alkane: S...	10.626	7.8	ug/L	133257	3	11.819	859514	50.0
1-Methylbicyclo...	10.700	2.7	ug/L	45728	3	11.819	859514	50.0
Benzene, propyl-	10.912	5.0	ug/L	85353	3	11.819	859514	50.0
Cyclohexene, 3-...	11.018	4.7	ug/L	81071	3	11.819	859514	50.0
Benzene, 1-ethy...	11.305	16.1	ug/L	275835	3	11.819	859514	50.0
(DEL) Alkane: S...	11.378	3.4	ug/L	58943	3	11.819	859514	50.0
(DEL) Alkane: S...	11.417	10.2	ug/L	175774	3	11.819	859514	50.0
(DEL) Alkane: S...	11.575	5.0	ug/L	85592	3	11.819	859514	50.0
Benzene, (2-met...	11.616	10.7	ug/L	184633	3	11.819	859514	50.0
Benzene, (1-met...	11.649	16.7	ug/L	287036	3	11.819	859514	50.0
(DEL) Alkane: C...	11.710	8.6	ug/L	147584	3	11.819	859514	50.0
p-Cymene	11.748	15.1	ug/L	260230	3	11.819	859514	50.0
(DEL) Alkane: S...	11.877	3.1	ug/L	54212	3	11.819	859514	50.0
Benzene, 1,2-di...	12.105	24.3	ug/L	416882	3	11.819	859514	50.0
Benzene, 1-meth...	12.131	66.0	ug/L	1133810	3	11.819	859514	50.0
Benzene, 1,3-di...	12.314	9.6	ug/L	164708	3	11.819	859514	50.0
Benzene, 1-meth...	12.382	30.5	ug/L	524111	3	11.819	859514	50.0
Benzene, 2-ethy...	12.468	31.6	ug/L	543031	3	11.819	859514	50.0
Benzene, 1-meth...	12.501	31.5	ug/L	541716	3	11.819	859514	50.0
Benzene, pentam...	12.716	21.2	ug/L	364882	3	11.819	859514	50.0
Benzene, 1,4-di...	12.816	12.3	ug/L	211074	3	11.819	859514	50.0
Benzene, 1,2,3,...	12.874	10.8	ug/L	185812	3	11.819	859514	50.0
Benzene, 1,2,3,...	12.976	32.7	ug/L	562353	3	11.819	859514	50.0
Benzene, 1,2,4,...	13.028	37.8	ug/L	649084	3	11.819	859514	50.0
Benzene, 1,3-di...	13.115	11.5	ug/L	197124	3	11.819	859514	50.0
Benzene, 2,4-di...	13.201	5.3	ug/L	91963	3	11.819	859514	50.0
1-o-Tolylprop-2...	13.259	4.1	ug/L	70763	3	11.819	859514	50.0
Benzene, 2,4-di...	13.353	2.8	ug/L	48773	3	11.819	859514	50.0
Benzene, 1-meth...	13.407	5.5	ug/L	93692	3	11.819	859514	50.0
Benzene, 1-ethy...	13.452	19.3	ug/L	332179	3	11.819	859514	50.0
Benzene, (2-met...	13.738	3.5	ug/L	60034	3	11.819	859514	50.0
Benzene, (3-met...	13.838	8.3	ug/L	142595	3	11.819	859514	50.0
(DEL) Alkane: S...	14.189	5.6	ug/L	95899	3	11.819	859514	50.0
Benzene, 1-ethy...	14.298	4.1	ug/L	70842	3	11.819	859514	50.0
(DEL) Alkane: S...	15.208	4.6	ug/L	79700	3	11.819	859514	50.0