LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

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\SFAMULM032422WMA.M
Title : VOC Analysis

Signal : TIC: VU047659.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	73	82	105	rBV2	243369	307942	1.66%	0.641%
2	1.938	171	186	213	rBV2	220566	431619	2.32%	0.899%
3	2.086	226	232	242	rVB	9347	12942	0.07%	0.027%
4	2.141	245	249	255	rVV	5008	5508	0.03%	0.011%
5	2.247	278	282	291	rVB3	5114	6971	0.04%	0.015%
6	2.578	371	385	402	rBV2	335596	661450	3.56%	1.377%
7	3.051	524	532	540	rBV4	2611	4591	0.02%	0.010%
8	3.176	567	571	574	rBV3	480	478	0.00%	0.001%
9	3.359	615	628	645	rBV	60000	119354	0.64%	0.249%
10	3.707	724	736	743	rBV6	1982	3741	0.02%	0.008%
11	3.874	768	788	821	rBV	1854783	4388047	23.59%	9.137%
12	4.485	974	978	984	rVB4	560	576	0.00%	0.001%
13	4.536	984	994	1004	rBV5	3016	6612	0.04%	0.014%
14	4.671	1013	1036	1077	rBV	8341038	18601636	100.00%	38.733%
15	5.067	1143	1159	1186	rVB	203544	455335	2.45%	0.948%
16	5.321	1218	1238	1272	rBV	2987186	6654689	35.77%	13.857%
17	5.729	1343	1365	1379	rBV2	414240	1128841	6.07%	2.351%
18	5.983	1437	1444	1455	rVB8	1848	3190	0.02%	0.007%
19	6.044	1460	1463	1467	rVV4	632	481	0.00%	0.001%
20	6.250	1512	1527	1551	rBV	409094	777375	4.18%	1.619%
21	6.546	1606	1619	1635	rBV	87566	166207	0.89%	0.346%
22	6.694	1649	1665	1679	rBV	252340	495538	2.66%	1.032%
23	6.941	1735	1742	1746	rBV3	390	461	0.00%	0.001%
24	7.073	1780	1783	1791	rVB4	768	1087	0.01%	0.002%
25	7.237	1827	1834	1838	rBV7	1013	1128	0.01%	0.002%
26	7.565	1924	1936	1957	rBV	143874	259812	1.40%	0.541%
27	7.694	1973	1976	1985	rVB3	1011	1236	0.01%	0.003%
28	7.796	1997	2008	2018	rBV2	17770	32904	0.18%	0.069%
29	7.899	2022	2040	2052	rVV	547192	937136	5.04%	1.951%
30	7.970	2053	2062	2076	rVB	173538	294227	1.58%	0.613%
31	8.179	2114	2127	2140	rBV	109661	194443	1.05%	0.405%
32	8.369	2180	2186	2189	rBV4	1846	2092	0.01%	0.004%
33	8.401	2189	2196	2208	rVB3	7807	12506	0.07%	0.026%
34	8.475	2208	2219	2230	rVB5	2199	4563	0.02%	0.010%
35	8.555	2231	2244	2257	rBV	262541	441319	2.37%	0.919%
36	8.636	2258	2269	2308	rVB	403361	756990	4.07%	1.576%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
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Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

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\SFAMULM032422WMA.M
Title : VOC Analysis

37	8.803	2317	2321	2332	rVB8	2616	3868	0.02%	0.008%
38	8.864	2332	2340	2350	rVB5	9727	15539	0.08%	0.032%
39	8.925	2351	2359	2369	rVB3	5546	7746	0.04%	0.016%
40	9.112	2411	2417	2418	rBV3	1225	951	0.01%	0.002%
41	9.166	2427	2434	2442	rVB7	2261	3227	0.02%	0.007%
42	9.214	2442	2449	2454	rVB5	1758	2064	0.01%	0.004%
43	9.253	2454	2461	2462	rBV2	403	453	0.00%	0.001%
44	9.272	2462	2467	2477	rVB7	2380	3042	0.02%	0.006%
45	9.337	2482	2487	2496	rVB5	1665	2439	0.01%	0.005%
46	9.417	2498	2512	2533	rBV	602599	1010571	5.43%	2.104%
47	9.571	2550	2560	2576	rVB	34779	57027	0.31%	0.119%
48	9.694	2579	2598	2610	rBV2	83072	152346	0.82%	0.317%
49	9.890	2648	2659	2663	rBV5	2423	3895	0.02%	0.008%
50	10.034	2691	2704	2712	rVV7	6521	15132	0.08%	0.032%
51	10.099	2713	2724	2753	rVB	370127	614823	3.31%	1.280%
52	10.272	2757	2778	2789	rBV7	18350	46592	0.25%	0.097%
53	10.359	2797	2805	2811	rBV7	13393	23867	0.13%	0.050%
54	10.452	2827	2834	2835	rBV4	1223	1109	0.01%	0.002%
55	10.484	2835	2844	2852	rVB	11195	18079	0.10%	0.038%
56	10.536	2852	2860	2861	rBV5	2806	3045	0.02%	0.006%
57	10.758	2917	2929	2940	rBV	410019	659418	3.54%	1.373%
58	10.902	2964	2974	2984	rBV2	24851	43938	0.24%	0.091%
59	11.025	2994	3012	3021	rBV	186349	423910	2.28%	0.883%
60	11.089	3022	3032	3054	rVB	384508	672184	3.61%	1.400%
61	11.234	3070	3077	3084	rBV2	8002	11807	0.06%	0.025%
62	11.292	3084	3095	3114	rVB	438739	696684	3.75%	1.451%
63	11.417	3127	3134	3139	rBV3	13513	18199	0.10%	0.038%
64	11.468	3140	3150	3164	rVB	238374	375339	2.02%	0.782%
65	11.574	3173	3183	3186	rBV7	3816	6306	0.03%	0.013%
66	11.610	3189	3194	3197	rBV3	6156	7185	0.04%	0.015%
67	11.713	3216	3226	3227	rBV6	10298	12836	0.07%	0.027%
68	11.745	3229	3236	3244	rVV	63536	92893	0.50%	0.193%
69	11.812	3244	3257	3270	rVB	731094	1198019	6.44%	2.495%
70	11.893	3271	3282	3298	rVV	656843	1012853	5.44%	2.109%
71	12.095	3327	3345	3352	rBV2	227057	410037	2.20%	0.854%
72	12.192	3363	3375	3392	rVB2	763631	1297755	6.98%	2.702%
73	12.327	3402	3417	3424	rBV5	37392	81413	0.44%	0.170%
74	12.375	3424	3432	3448	rVB	70799	115731	0.62%	0.241%
75	12.484	3451	3466	3484	rBV2	197491	417286	2.24%	0.869%
76	12.571	3484	3493	3501	rBV	105161	153069	0.82%	0.319%

LSC Area Percent Report

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Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

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\SFAMULM032422WMA.M
Title : VOC Analysis

77	12.687	3518	3529	3548	rVB5	48356	144224	0.78%	0.300%
78	12.812	3561	3568	3576	rBV5	9041	13419	0.07%	0.028%
79	12.877	3579	3588	3598	rVB3	47377	78234	0.42%	0.163%
80	12.973	3599	3618	3626	rBV	58278	112226	0.60%	0.234%
81	13.025	3626	3634	3650	rVB	98366	160127	0.86%	0.333%
82	13.108	3652	3660	3665	rBV2	11887	19685	0.11%	0.041%
83	13.256	3700	3706	3710	rBV5	6865	9912	0.05%	0.021%
84	13.449	3744	3766	3781	rBV3	117977	248221	1.33%	0.517%
85	13.565	3796	3802	3805	rBV	4705	5650	0.03%	0.012%
86	13.623	3813	3820	3842	rVB2	34244	61920	0.33%	0.129%
87	13.735	3845	3855	3864	rBV7	8285	14879	0.08%	0.031%
88	13.783	3864	3870	3877	rVB4	3817	5129	0.03%	0.011%
89	13.838	3877	3887	3904	rBV7	14138	31812	0.17%	0.066%
90	14.086	3955	3964	3983	rVB	90109	155714	0.84%	0.324%
91	14.192	3987	3997	4003	rBV8	5494	9074	0.05%	0.019%
92	14.291	4022	4028	4037	rVB7	3769	6199	0.03%	0.013%
93	14.449	4070	4077	4085	rBV3	10251	13750	0.07%	0.029%
94	14.574	4109	4116	4121	rBV8	1173	1506	0.01%	0.003%
95	14.600	4122	4124	4128	rBV5	889	598	0.00%	0.001%
96	14.873	4206	4209	4217	rVB5	2414	2552	0.01%	0.005%
97	14.941	4225	4230	4236	rBV5	1979	2343	0.01%	0.005%
98	15.021	4246	4255	4261	rBV5	5514	8376	0.05%	0.017%
99	15.224	4308	4318	4329	rBV	14260	24269	0.13%	0.051%
100	15.407	4366	4375	4390	rBV3	17374	29803	0.16%	0.062%

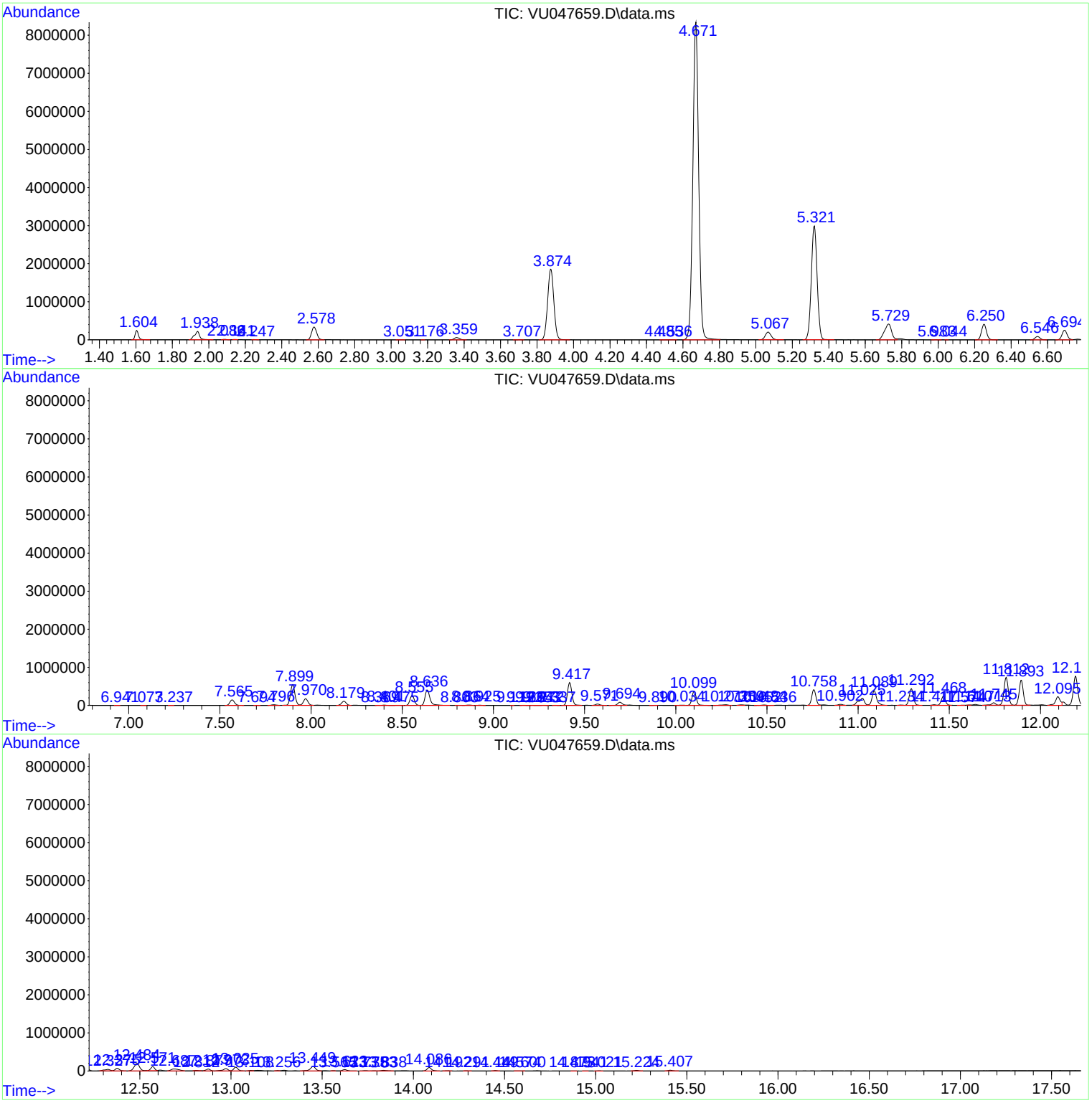
Sum of corrected areas: 48025326

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

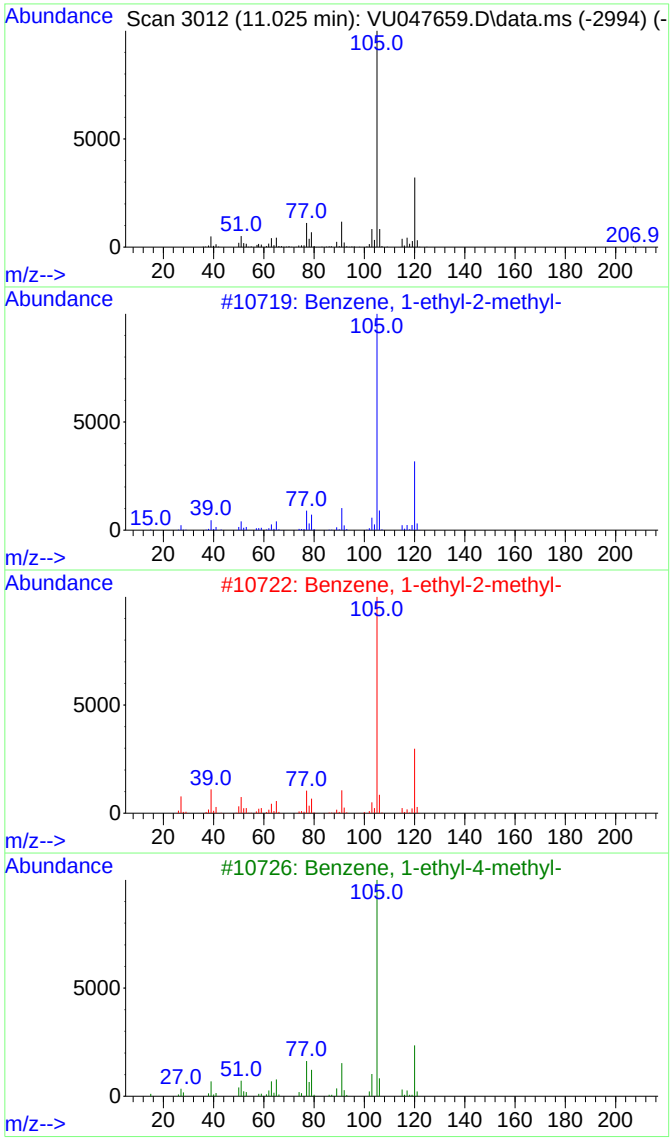
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

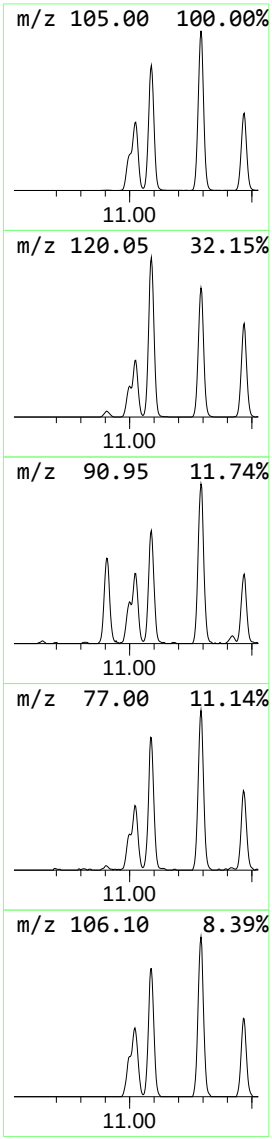
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.025	17.69 ug/L	423910	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

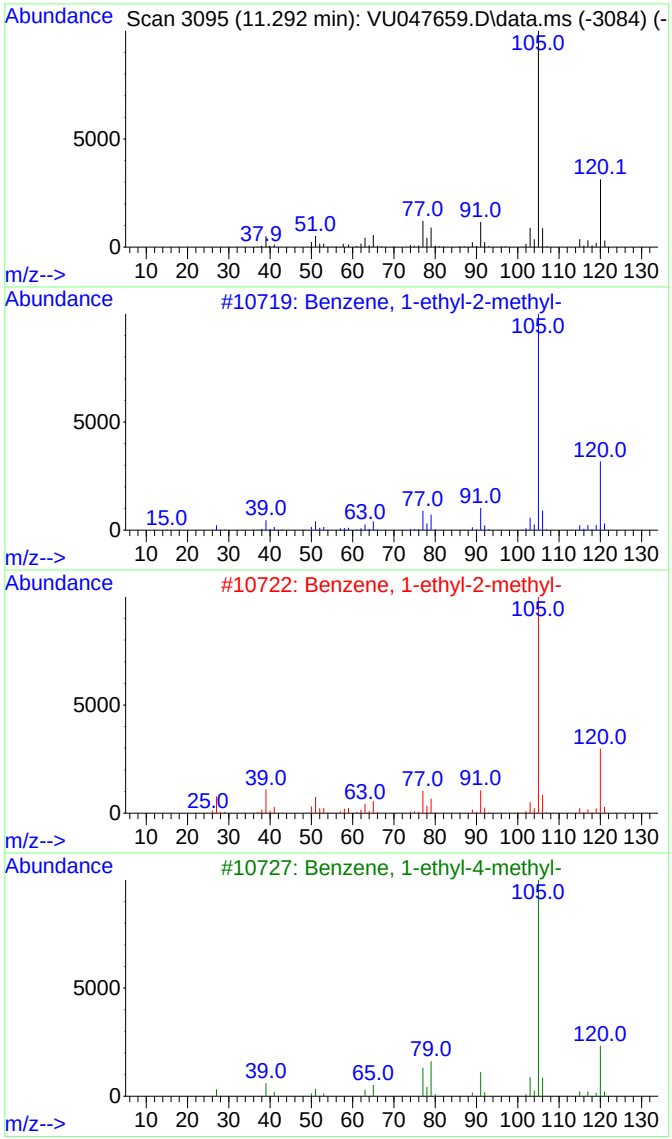
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

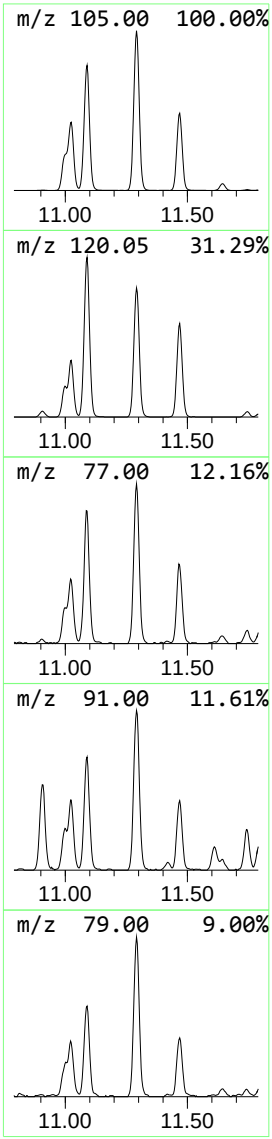
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	29.08 ug/L	696684	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

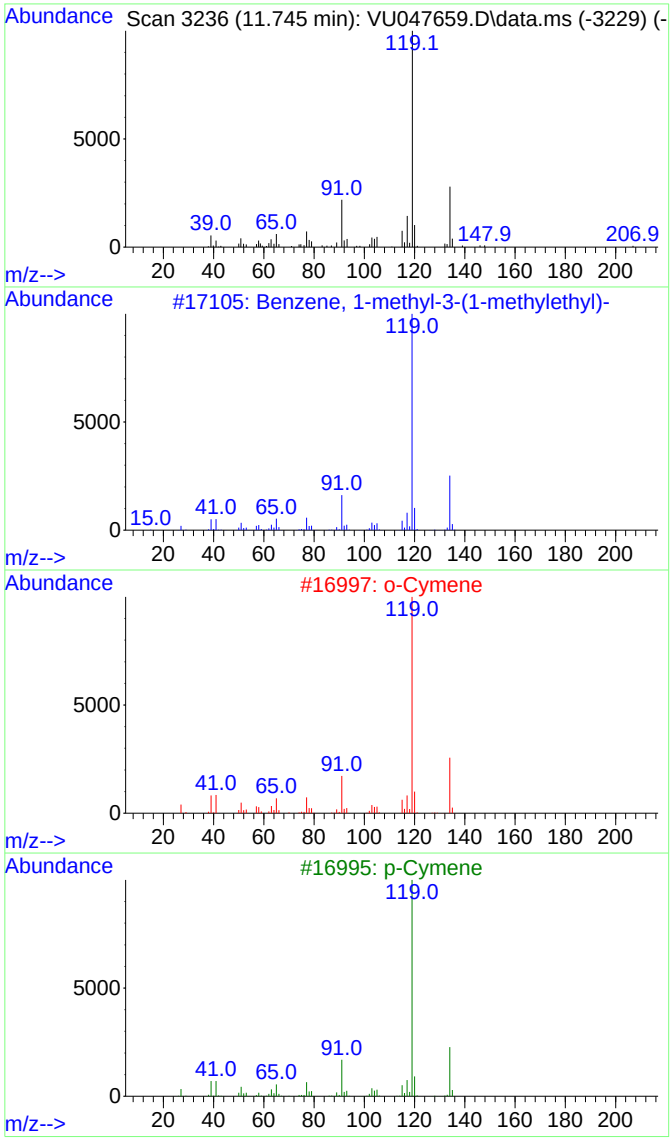
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

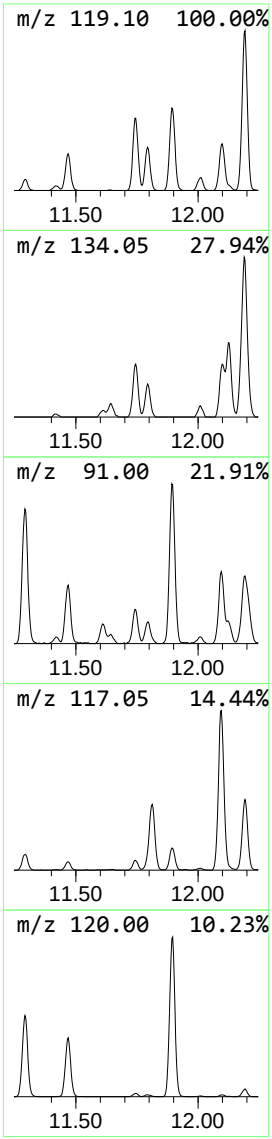
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	3.88 ug/L	92893	1,4-Dichlorobenzene-d4	11.812

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	p-Cymene	134	C10H14	000099-87-6	97
4	o-Cymene	134	C10H14	000527-84-4	97
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

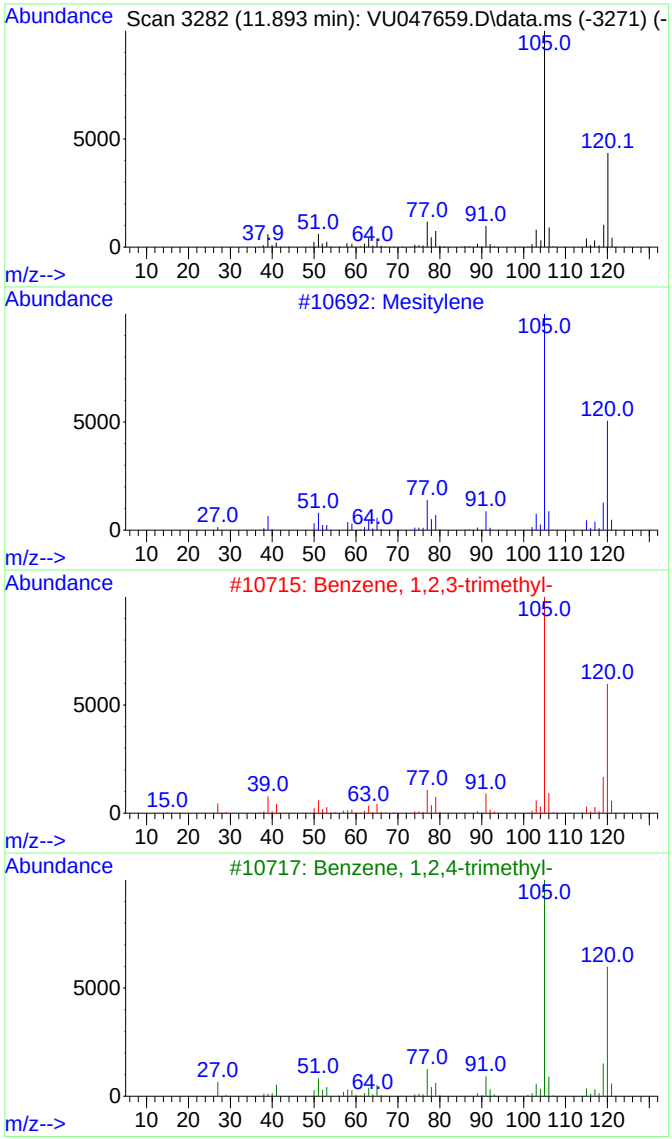
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

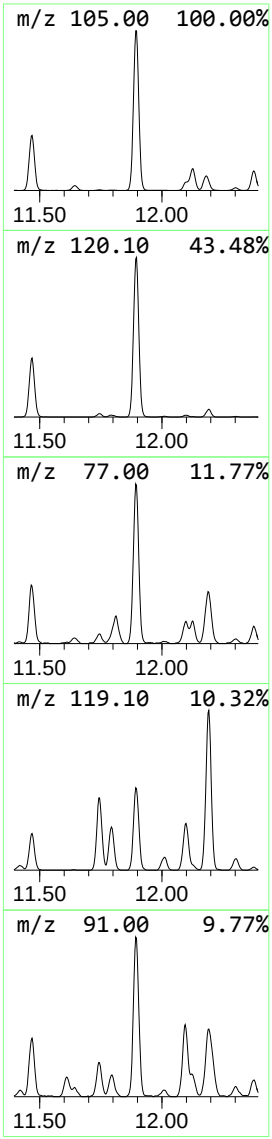
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	42.27 ug/L	1012850	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

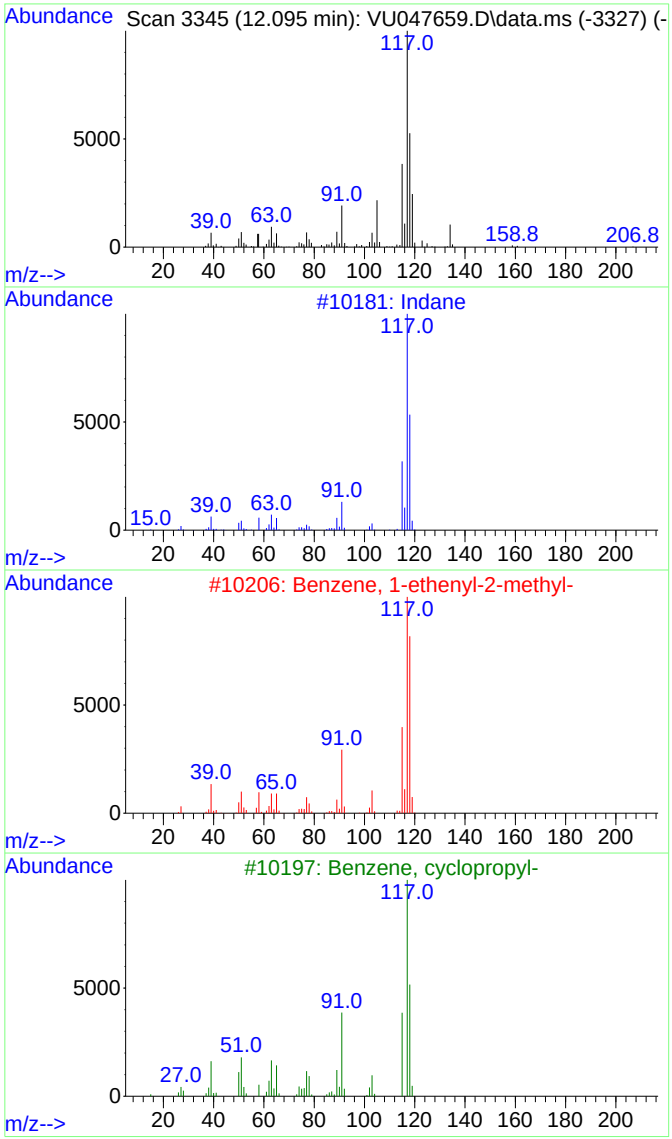
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

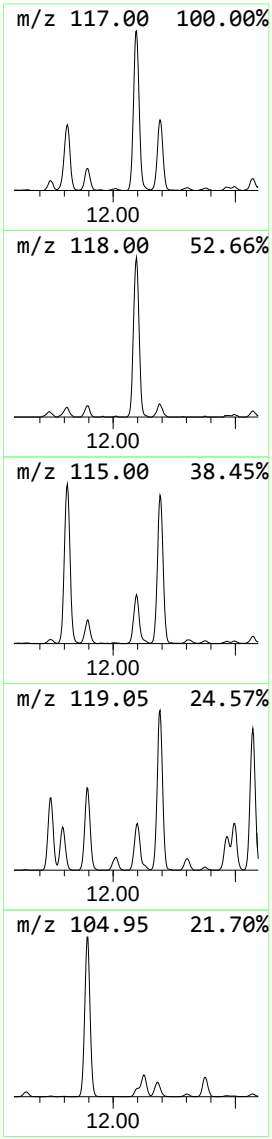
****

Peak Number 6 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	17.11 ug/L	410037	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
4	Indane	118	C9H10	000496-11-7	60
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60





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Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

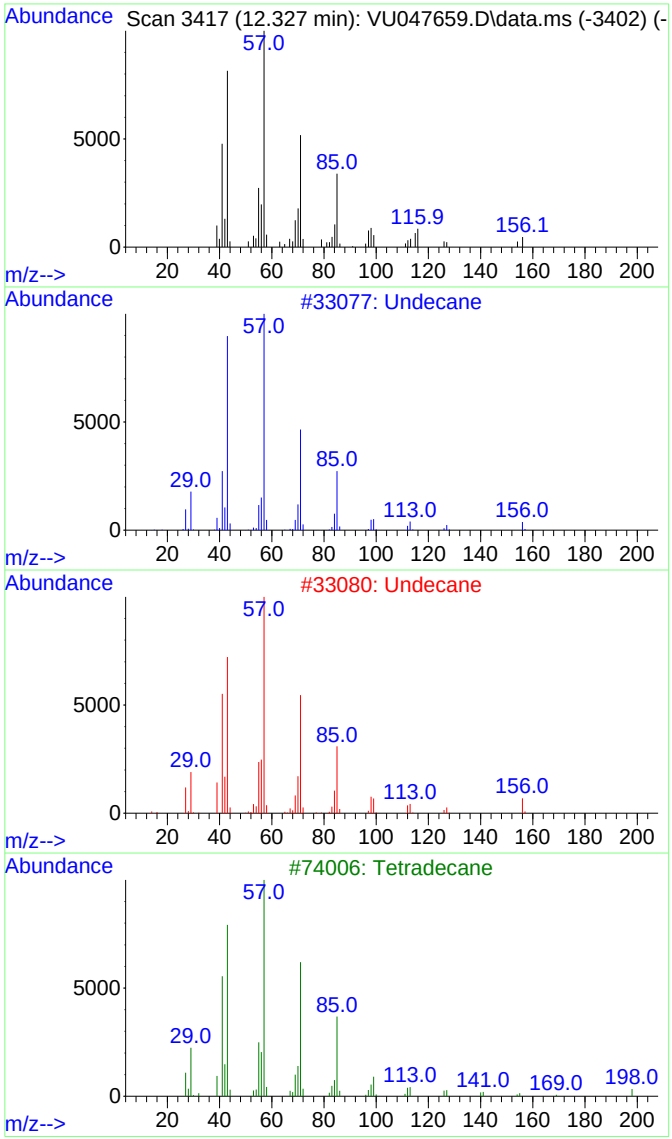
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

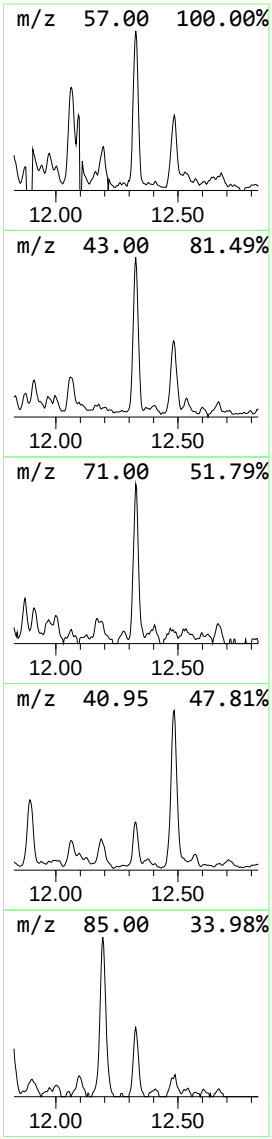
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	3.40 ug/L	81413	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	91
3	Tetradecane	198	C14H30	000629-59-4	86
4	Decane	142	C10H22	000124-18-5	86
5	Undecane	156	C11H24	001120-21-4	81





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Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

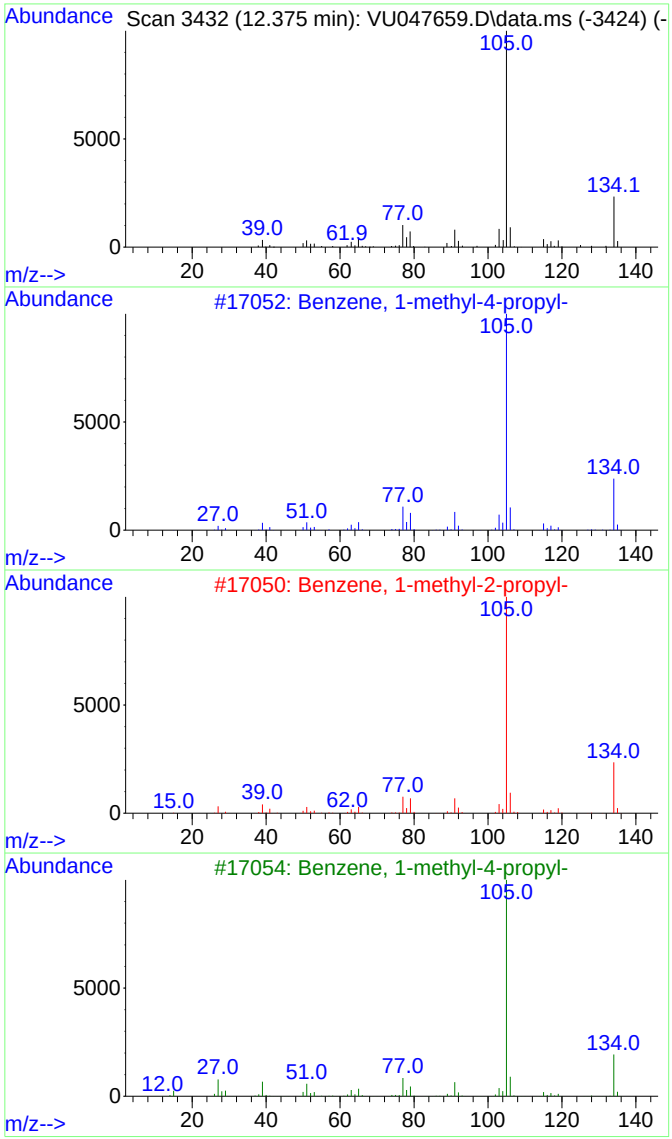
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

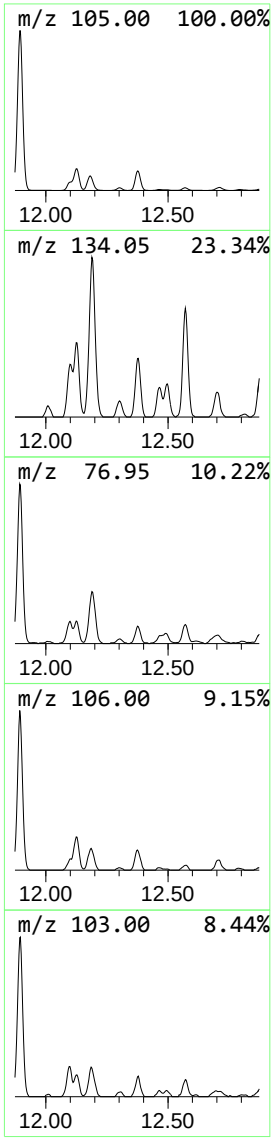
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-methyl-4-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.375	4.83 ug/L	115731	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87





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Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

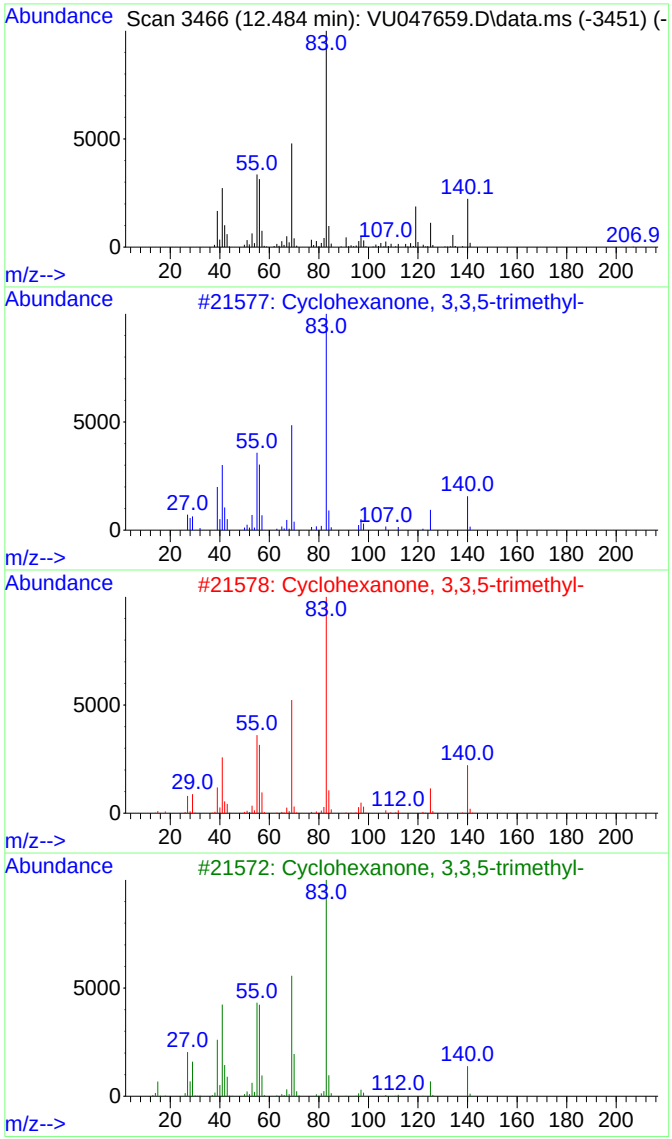
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

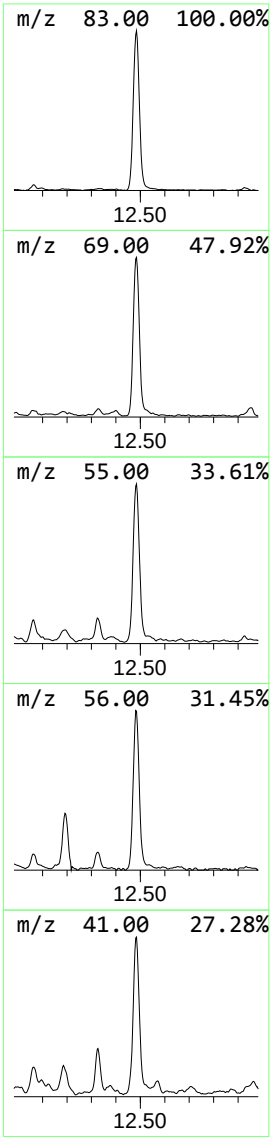
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexanone, 3,3,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.484	17.42 ug/L	417286	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	90
5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

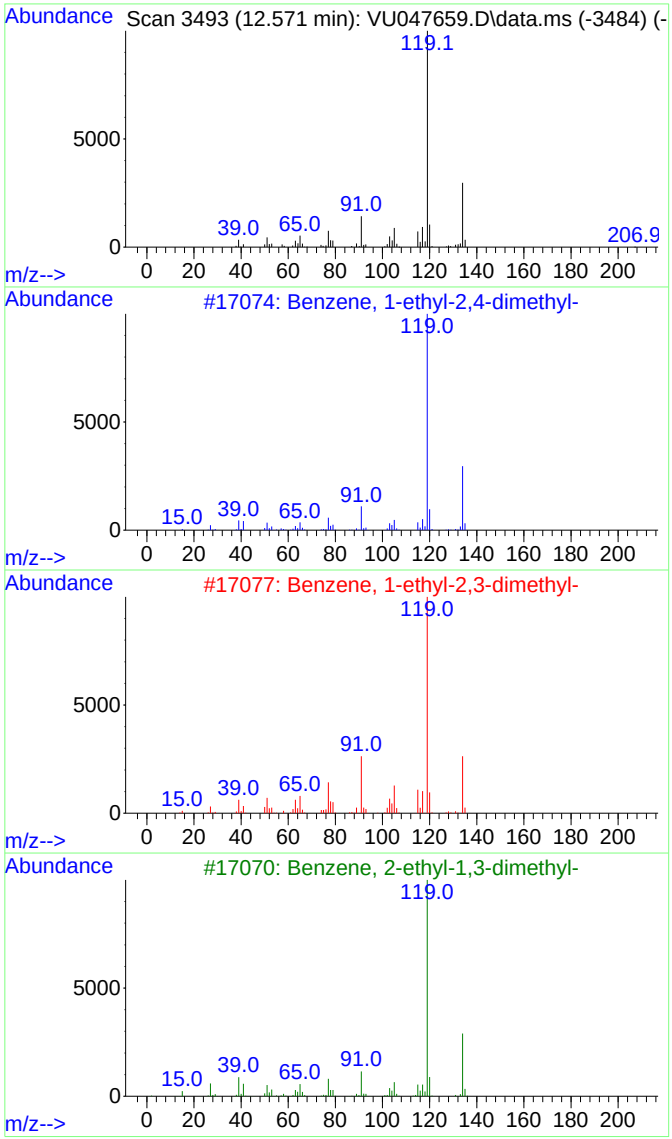
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

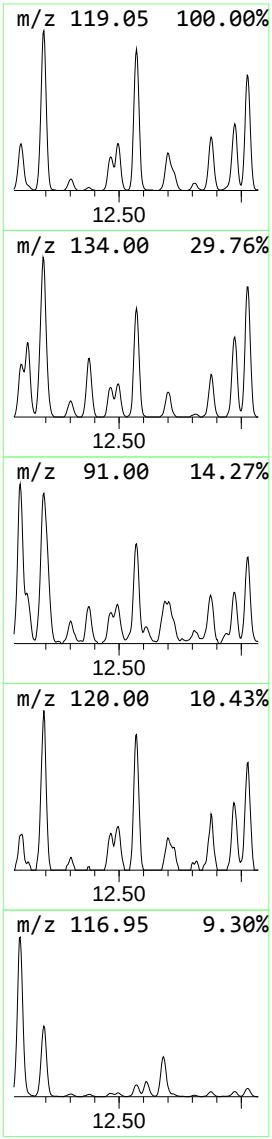
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	6.39 ug/L	153069	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	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\VU032422\
Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

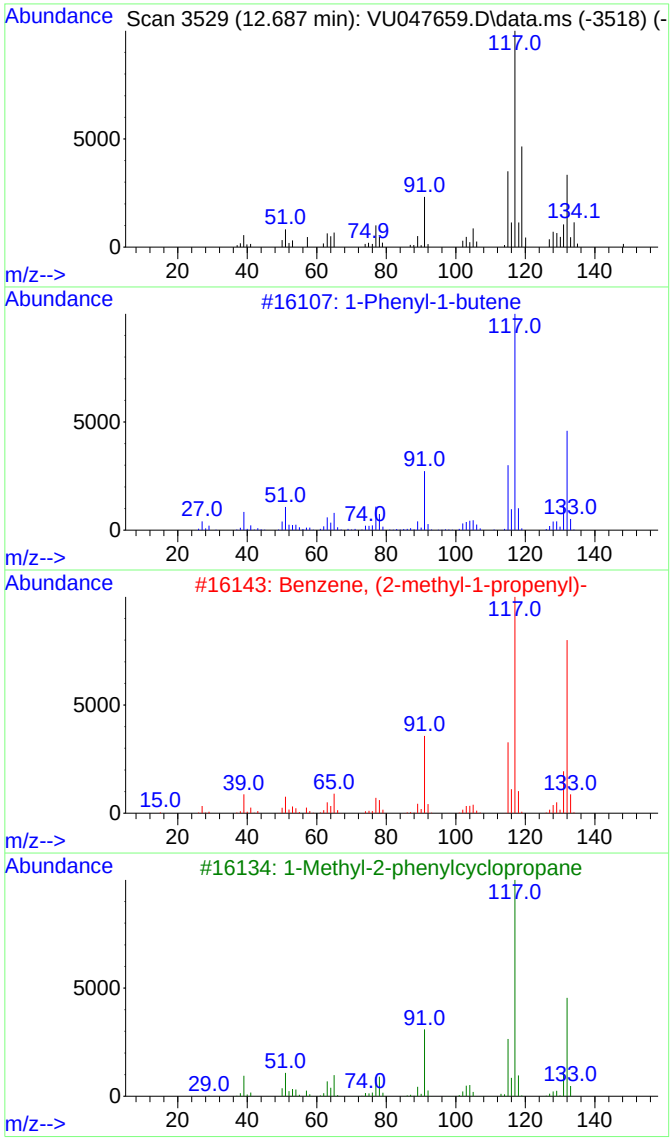
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

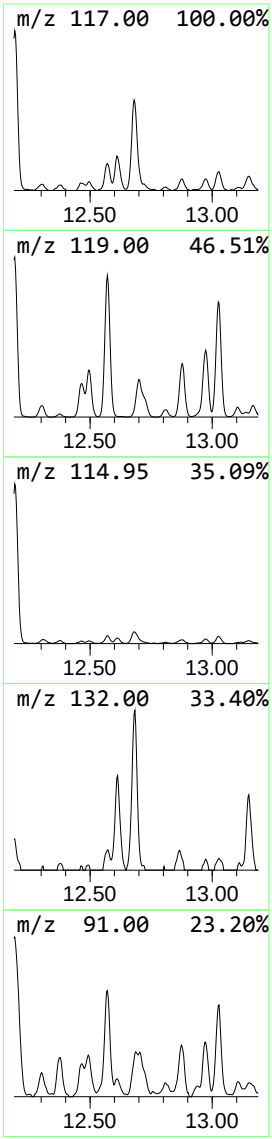
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Phenyl-1-butene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.687	6.02 ug/L	144224	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	70
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70





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Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

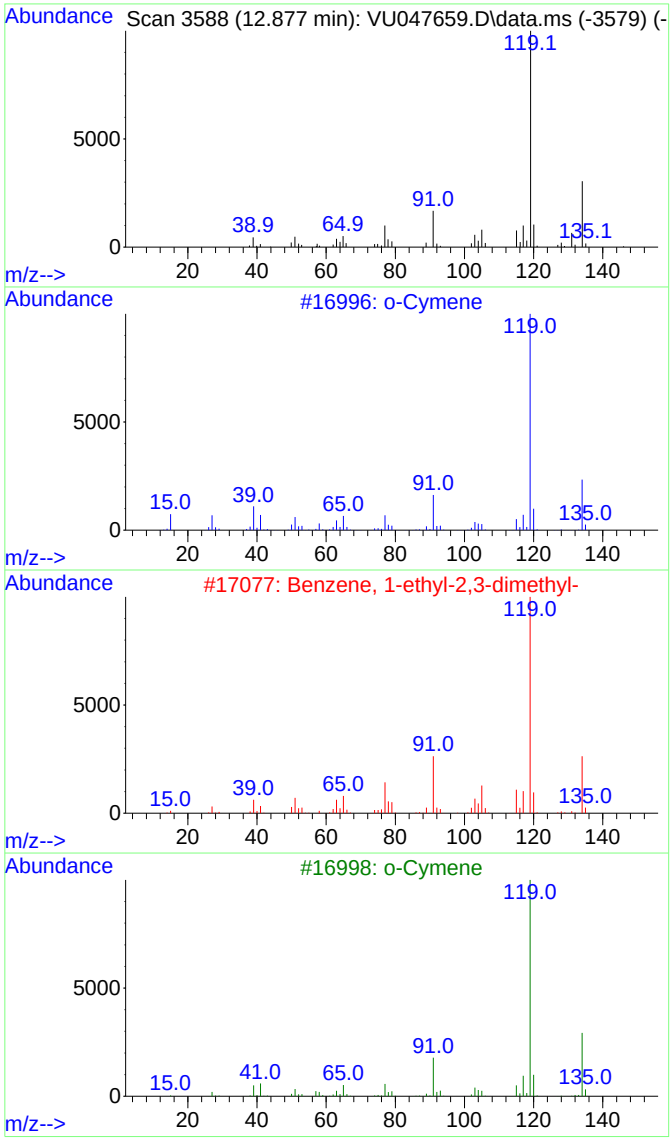
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

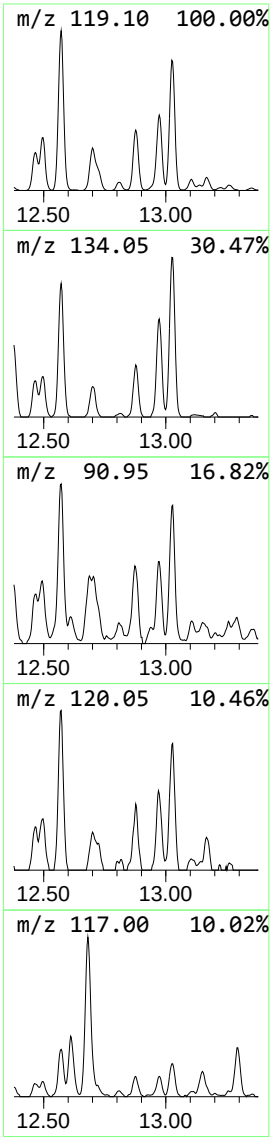
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	3.27 ug/L	78234	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	p-Cymene	134	C10H14	000099-87-6	93





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Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

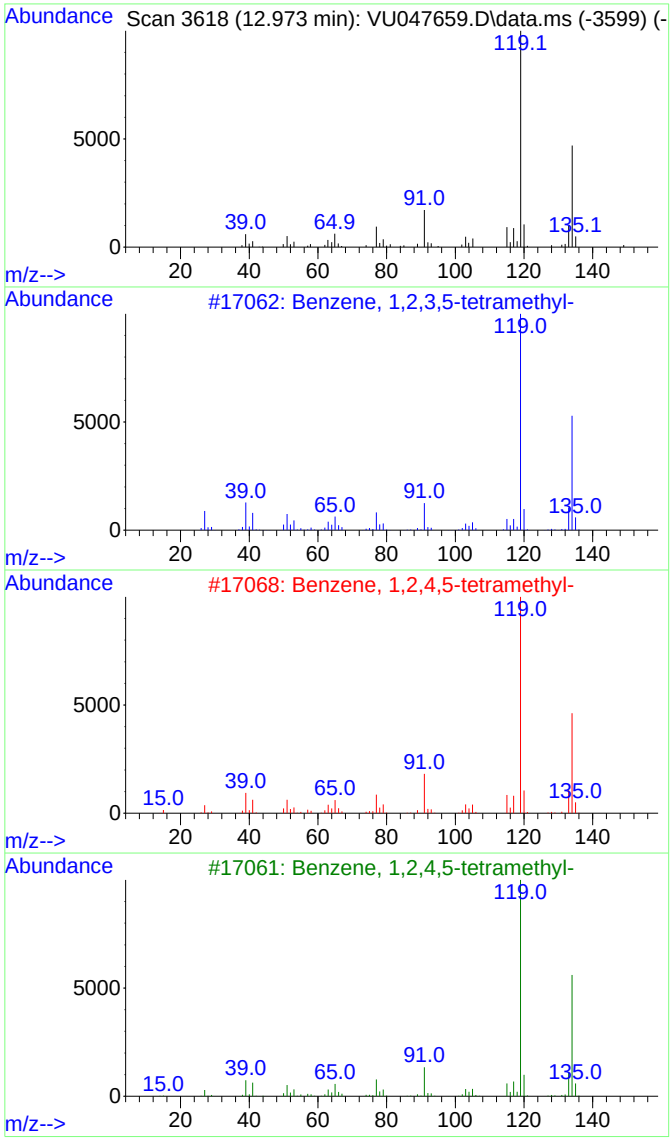
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

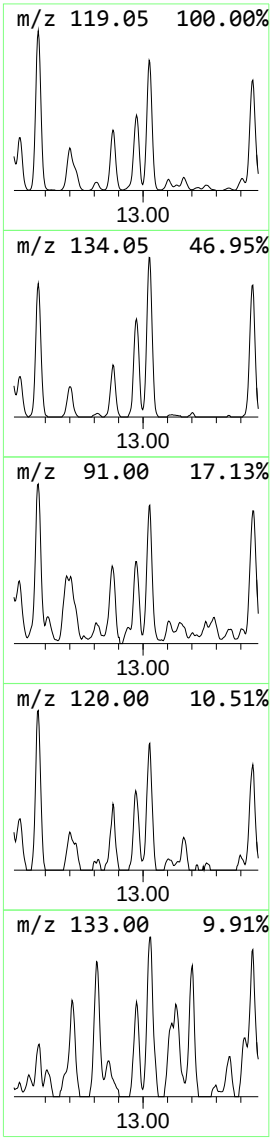
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.973	4.68 ug/L	112226	1,4-Dichlorobenzene-d4	11.812

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





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Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

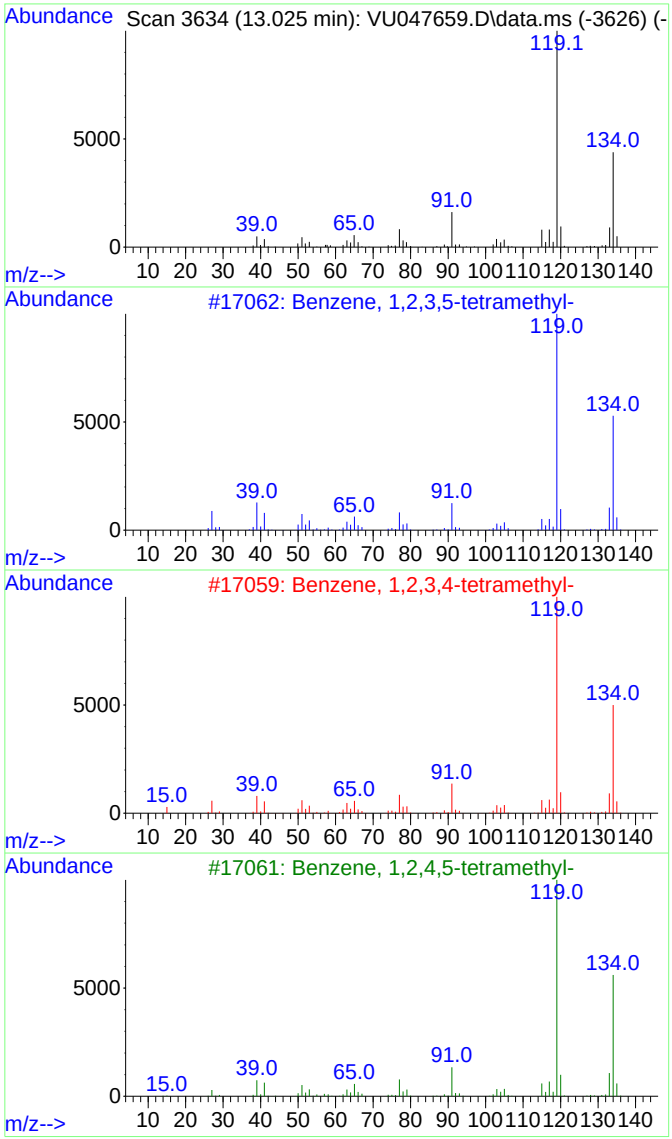
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

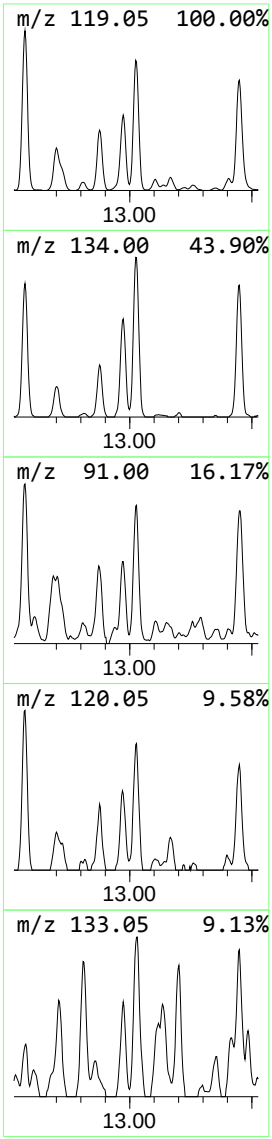
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	6.68 ug/L	160127	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

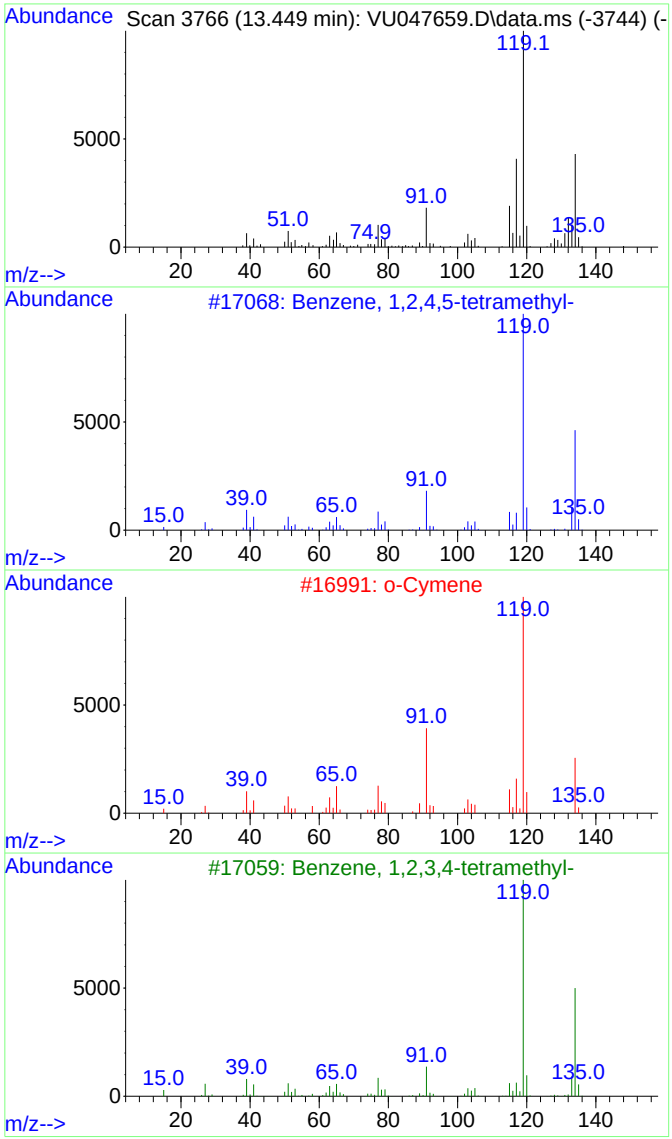
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

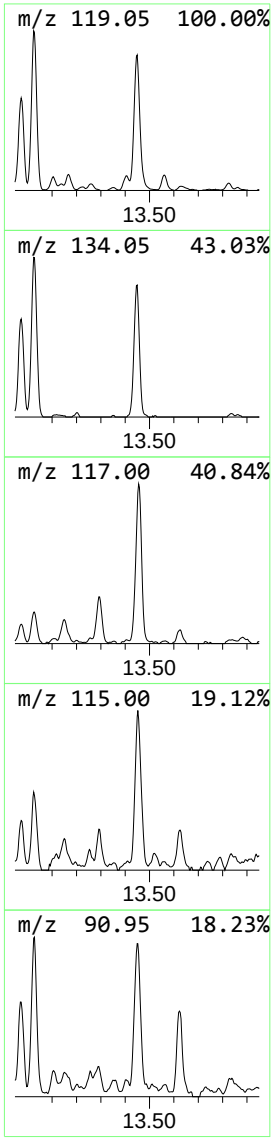
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	10.36 ug/L	248221	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	o-Cymene	134	C10H14	000527-84-4	70
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
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Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

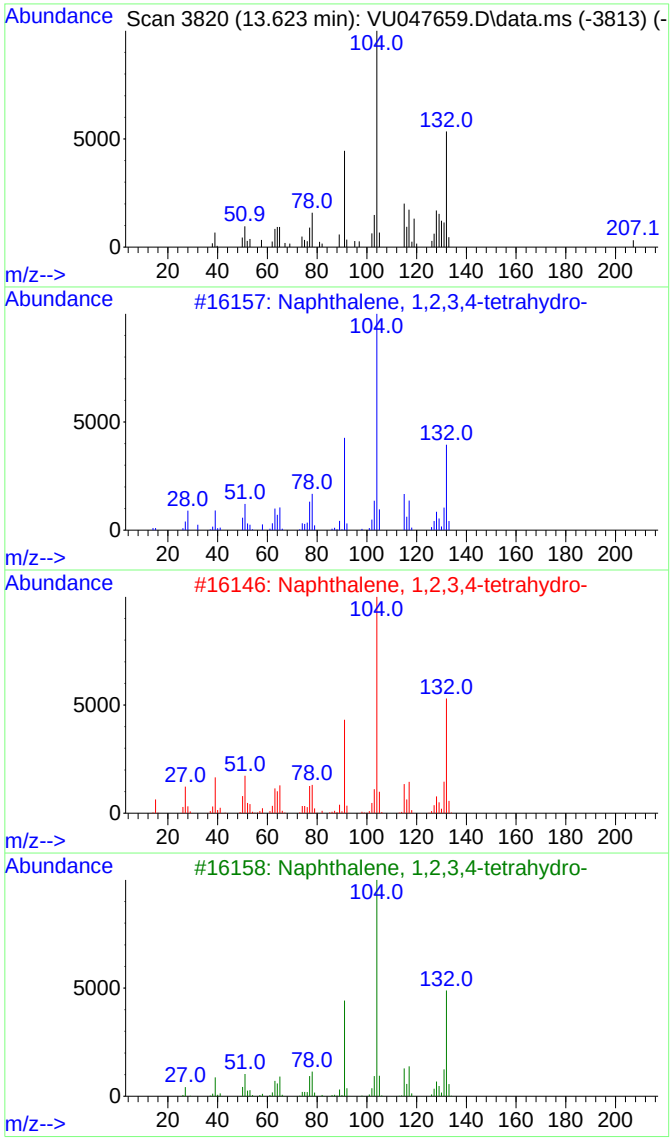
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

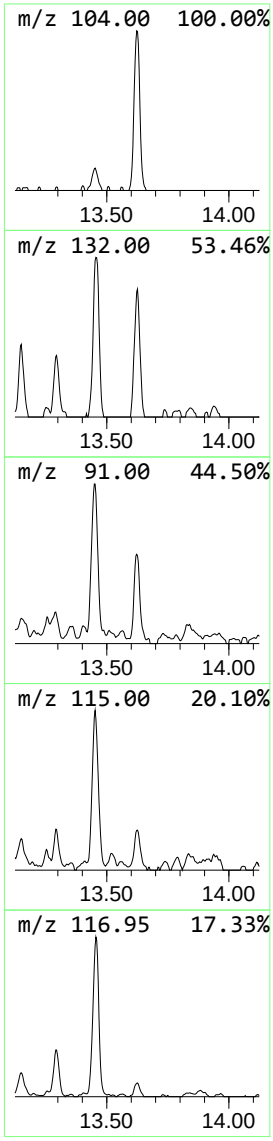
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	2.58 ug/L	61920	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	58
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis

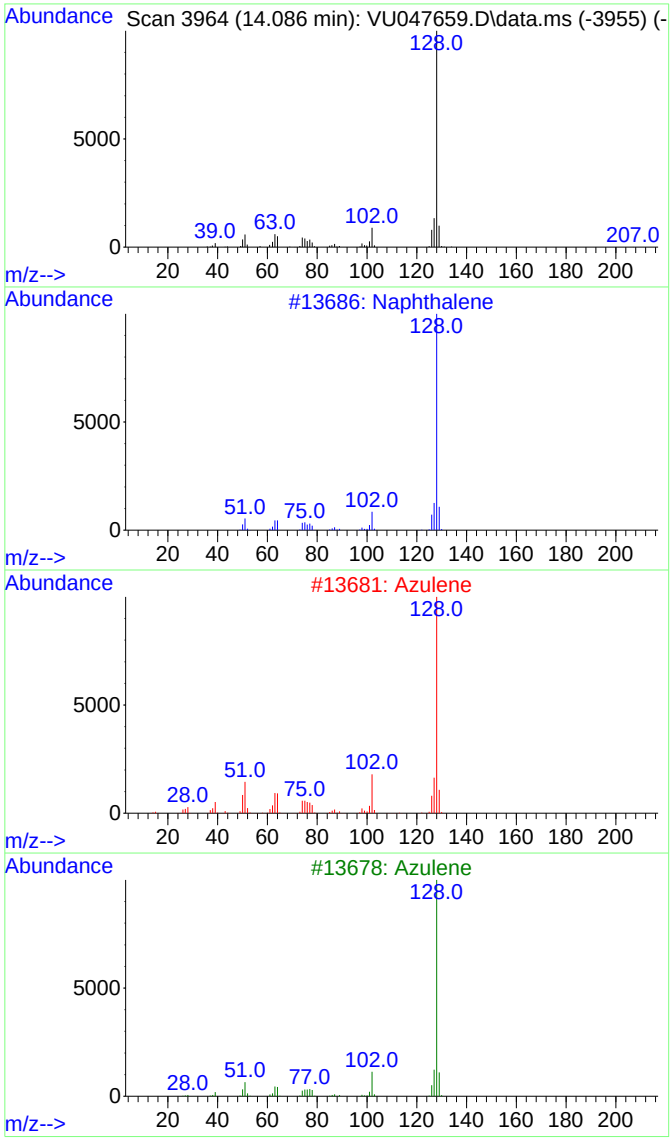
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

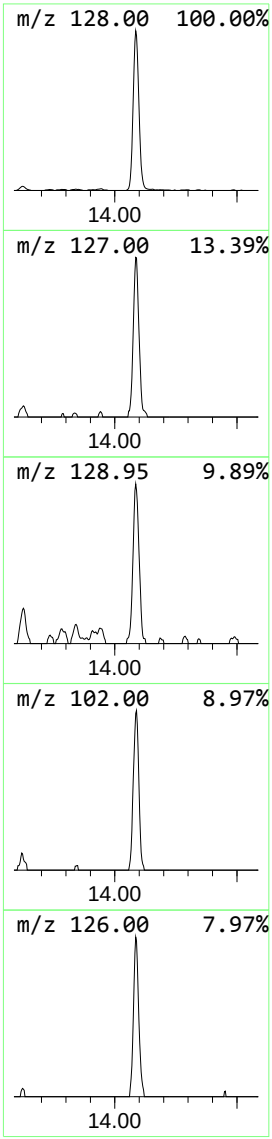
****

Peak Number 17 Azulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	6.50 ug/L	155714	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	94
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
Data File : VU047659.D
Acq On : 25 Mar 2022 01:40
Operator : SY/MD
Sample : N2081-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Y5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.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
Benzene, 1-ethy...	11.025	17.7	ug/L	423910	3	11.812	1198020	50.0
Benzene, 1-ethy...	11.291	29.1	ug/L	696684	3	11.812	1198020	50.0
Benzene, 1-meth...	11.745	3.9	ug/L	92893	3	11.812	1198020	50.0
Benzene, 1,2,3-...	11.893	42.3	ug/L	1012850	3	11.812	1198020	50.0
Indane	12.095	17.1	ug/L	410037	3	11.812	1198020	50.0
(DEL) Alkane: S...	12.327	3.4	ug/L	81413	3	11.812	1198020	50.0
Benzene, 1-meth...	12.375	4.8	ug/L	115731	3	11.812	1198020	50.0
Cyclohexanone, ...	12.484	17.4	ug/L	417286	3	11.812	1198020	50.0
Benzene, 1-ethy...	12.571	6.4	ug/L	153069	3	11.812	1198020	50.0
1-Phenyl-1-butene	12.687	6.0	ug/L	144224	3	11.812	1198020	50.0
o-Cymene	12.877	3.3	ug/L	78234	3	11.812	1198020	50.0
Benzene, 1,2,3,...	12.973	4.7	ug/L	112226	3	11.812	1198020	50.0
Benzene, 1,2,3,...	13.025	6.7	ug/L	160127	3	11.812	1198020	50.0
Benzene, 1,2,4,...	13.449	10.4	ug/L	248221	3	11.812	1198020	50.0
Naphthalene, 1,...	13.623	2.6	ug/L	61920	3	11.812	1198020	50.0
Azulene	14.086	6.5	ug/L	155714	3	11.812	1198020	50.0