LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046062.D
Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

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: VU046062.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	72	81	95	rBV2	122577	142041	7.25%	0.882%
2	1.916	171	179	194	rVB	77201	98579	5.03%	0.612%
3	2.379	311	323	345	rBV	354124	530430	27.08%	3.293%
4	2.572	371	383	394	rBV	170919	281820	14.39%	1.750%
5	2.649	395	407	439	rVB	99344	273295	13.95%	1.697%
6	3.051	521	532	547	rVB2	18541	34842	1.78%	0.216%
7	3.192	565	576	586	rBV2	1229	2889	0.15%	0.018%
8	3.356	618	627	639	rVB3	3492	6742	0.34%	0.042%
9	3.832	770	775	776	rBV	766	498	0.03%	0.003%
10	4.668	1009	1035	1067	rVV2	547892	1474174	75.25%	9.152%
11	4.809	1070	1079	1098	rVB2	19591	46545	2.38%	0.289%
12	5.067	1144	1159	1183	rVB	148614	338841	17.30%	2.104%
13	5.453	1274	1279	1281	rBV	566	579	0.03%	0.004%
14	5.729	1343	1365	1375	rBV2	314687	859114	43.85%	5.333%
15	6.160	1484	1499	1513	rBV2	10732	22800	1.16%	0.142%
16	6.250	1513	1527	1545	rBV	299828	562796	28.73%	3.494%
17	6.536	1603	1616	1627	rVV8	8803	18787	0.96%	0.117%
18	6.633	1641	1646	1649	rBV	539	442	0.02%	0.003%
19	6.694	1649	1665	1680	rBV	193310	376954	19.24%	2.340%
20	6.928	1732	1738	1747	rVV	1540	2461	0.13%	0.015%
21	7.128	1792	1800	1802	rBV3	467	489	0.02%	0.003%
22	7.179	1809	1816	1828	rVB5	2627	4509	0.23%	0.028%
23	7.568	1924	1937	1951	rBV	108175	187752	9.58%	1.166%
24	7.684	1964	1973	1983	rVB5	1462	2485	0.13%	0.015%
25	7.793	1993	2007	2024	rBV2	50193	90052	4.60%	0.559%
26	7.899	2026	2040	2052	rBV	393228	686106	35.02%	4.259%
27	7.970	2053	2062	2085	rVB	199948	351190	17.93%	2.180%
28	8.179	2116	2127	2138	rBV	73290	123423	6.30%	0.766%
29	8.468	2213	2217	2220	rBV2	682	705	0.04%	0.004%
30	8.552	2235	2243	2254	rVB3	2239	3548	0.18%	0.022%
31	8.632	2256	2268	2281	rBV	278367	486280	24.82%	3.019%
32	8.790	2312	2317	2319	rBV3	680	661	0.03%	0.004%
33	8.912	2348	2355	2362	rBV4	1244	1823	0.09%	0.011%
34	9.369	2486	2497	2499	rVV3	1451	2235	0.11%	0.014%
35	9.420	2500	2513	2545	rVB	415917	710885	36.29%	4.413%
36	9.571	2547	2560	2582	rBV	426965	700505	35.76%	4.349%

LSC Area Percent Report

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Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

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	9.693	2585	2598	2615	rVV	1177202	1959095	100.00%	12.162%
38	9.777	2617	2624	2636	rVB	32439	52298	2.67%	0.325%
39	9.909	2654	2665	2677	rBV8	4798	9857	0.50%	0.061%
40	10.012	2692	2697	2700	rBV2	698	838	0.04%	0.005%
41	10.102	2711	2725	2749	rBV	481070	818259	41.77%	5.080%
42	10.234	2756	2766	2779	rBV4	6446	11747	0.60%	0.073%
43	10.295	2782	2785	2792	rVB3	815	743	0.04%	0.005%
44	10.349	2792	2802	2811	rBV8	2535	5056	0.26%	0.031%
45	10.484	2833	2844	2861	rBV	46406	72955	3.72%	0.453%
46	10.571	2861	2871	2879	rBV6	3755	6474	0.33%	0.040%
47	10.626	2884	2888	2891	rVV2	1711	1756	0.09%	0.011%
48	10.674	2892	2903	2914	rVB5	4806	11272	0.58%	0.070%
49	10.758	2916	2929	2949	rBV	275486	443913	22.66%	2.756%
50	10.909	2957	2976	2988	rBV	18306	31420	1.60%	0.195%
51	10.999	2989	3004	3022	rVV2	81909	173367	8.85%	1.076%
52	11.089	3023	3032	3061	rVB3	50701	101540	5.18%	0.630%
53	11.208	3062	3069	3074	rBV5	940	1421	0.07%	0.009%
54	11.295	3083	3096	3115	rBV	49596	91331	4.66%	0.567%
55	11.417	3128	3134	3140	rBV3	5988	7750	0.40%	0.048%
56	11.468	3140	3150	3165	rVB	173943	269694	13.77%	1.674%
57	11.536	3165	3171	3174	rBV3	1920	2029	0.10%	0.013%
58	11.571	3176	3182	3191	rVB3	7439	9980	0.51%	0.062%
59	11.642	3200	3204	3213	rVB4	6216	7229	0.37%	0.045%
60	11.732	3213	3232	3243	rVB3	34775	68161	3.48%	0.423%
61	11.812	3244	3257	3271	rBV	474546	761298	38.86%	4.726%
62	11.896	3271	3283	3293	rBV	76109	125429	6.40%	0.779%
63	12.060	3325	3334	3336	rBV2	12679	15859	0.81%	0.098%
64	12.095	3338	3345	3361	rVV2	75320	134951	6.89%	0.838%
65	12.195	3364	3376	3393	rVB	433229	720009	36.75%	4.470%
66	12.317	3403	3414	3426	rBV2	56196	109612	5.60%	0.680%
67	12.378	3427	3433	3451	rVB	6737	12352	0.63%	0.077%
68	12.468	3453	3461	3464	rBV2	9421	12719	0.65%	0.079%
69	12.571	3488	3493	3501	rVB2	11191	14889	0.76%	0.092%
70	12.771	3548	3555	3561	rBV7	5469	7914	0.40%	0.049%
71	12.816	3564	3569	3580	rVB6	7082	10686	0.55%	0.066%
72	12.880	3582	3589	3594	rBV5	5315	7972	0.41%	0.049%
73	13.028	3627	3635	3648	rVB3	18558	33068	1.69%	0.205%
74	13.211	3685	3692	3699	rBV7	1751	2429	0.12%	0.015%
75	13.291	3710	3717	3725	rVB5	5759	8301	0.42%	0.052%
76	13.452	3754	3767	3779	rVB4	20351	51976	2.65%	0.323%

LSC Area Percent Report

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Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

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	13.626	3815	3821	3840	rVB10	9383	20549	1.05%	0.128%
78	14.086	3953	3964	3985	rVB	487185	771257	39.37%	4.788%
79	14.208	3996	4002	4012	rVB	15925	24418	1.25%	0.152%
80	14.336	4039	4042	4043	rBV3	745	440	0.02%	0.003%
81	14.378	4053	4055	4057	rBV3	717	475	0.02%	0.003%
82	14.423	4061	4069	4074	rBV	11667	16487	0.84%	0.102%
83	14.623	4129	4131	4135	rBV3	676	499	0.03%	0.003%
84	14.671	4140	4146	4149	rBV6	3060	3569	0.18%	0.022%
85	14.729	4162	4164	4173	rVB6	989	1255	0.06%	0.008%
86	14.803	4183	4187	4188	rBV	1345	811	0.04%	0.005%
87	14.883	4205	4212	4220	rVB6	3224	4686	0.24%	0.029%
88	14.983	4236	4243	4250	rBV9	2978	4680	0.24%	0.029%
89	15.069	4267	4270	4280	rVB5	1467	2055	0.10%	0.013%
90	15.172	4288	4302	4306	rBV4	4020	6792	0.35%	0.042%
91	15.221	4306	4317	4339	rVB	206439	329630	16.83%	2.046%
92	15.343	4345	4355	4362	rBV4	4694	7644	0.39%	0.047%
93	15.410	4364	4376	4389	rVV	126172	203283	10.38%	1.262%
94	15.954	4528	4545	4558	rBV	27079	44240	2.26%	0.275%
95	16.037	4568	4571	4574	rBV5	664	450	0.02%	0.003%
96	16.089	4581	4587	4589	rBV4	1525	1345	0.07%	0.008%
97	16.147	4599	4605	4614	rBV3	3373	4815	0.25%	0.030%
98	16.262	4632	4641	4648	rBV4	7898	12674	0.65%	0.079%
99	16.407	4678	4686	4693	rBV3	13583	19208	0.98%	0.119%
100	17.095	4894	4900	4916	rVB4	6266	12139	0.62%	0.075%

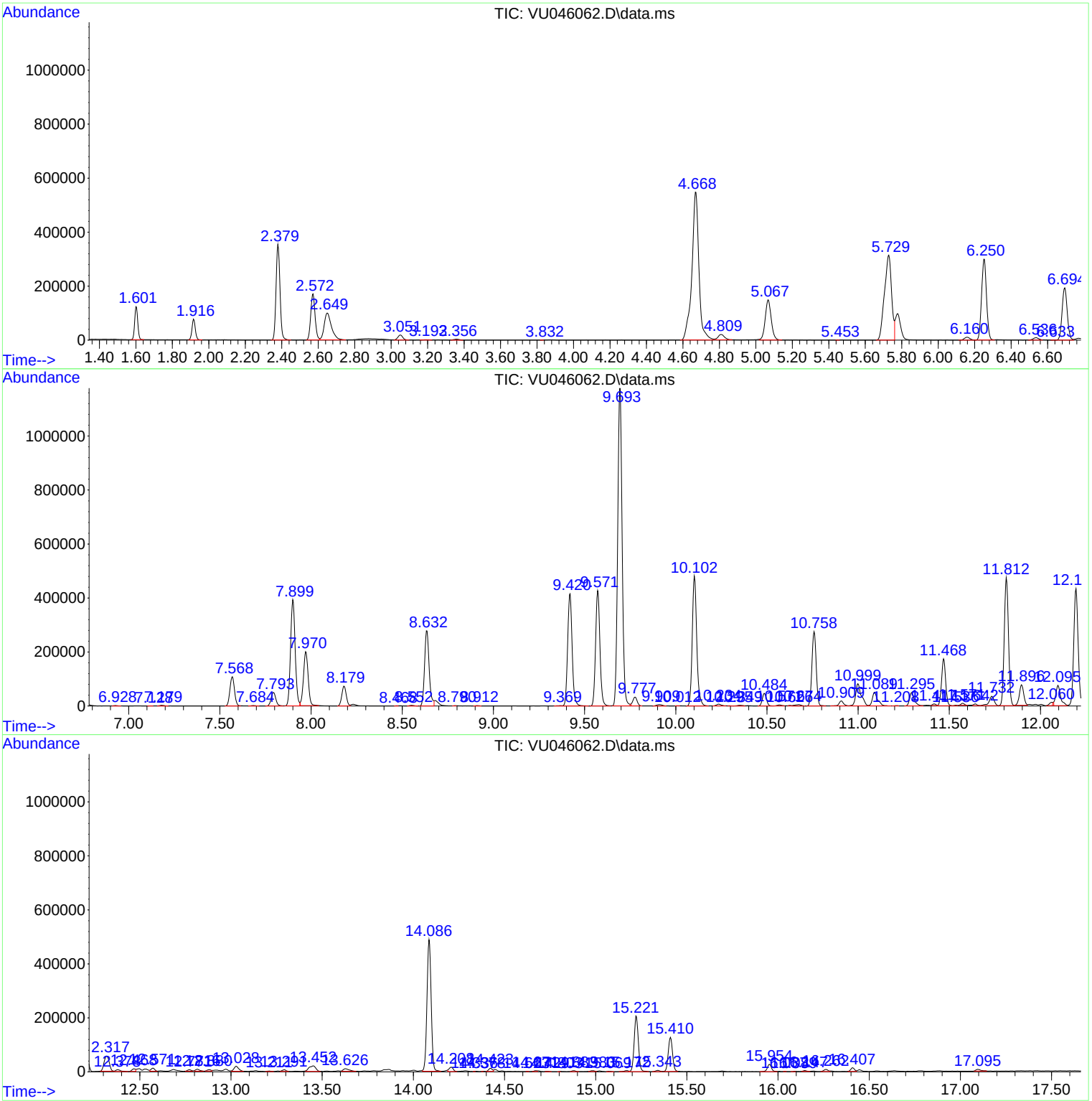
Sum of corrected areas: 16108327

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046062.D
Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

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\VU120221\
Data File : VU046062.D
Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

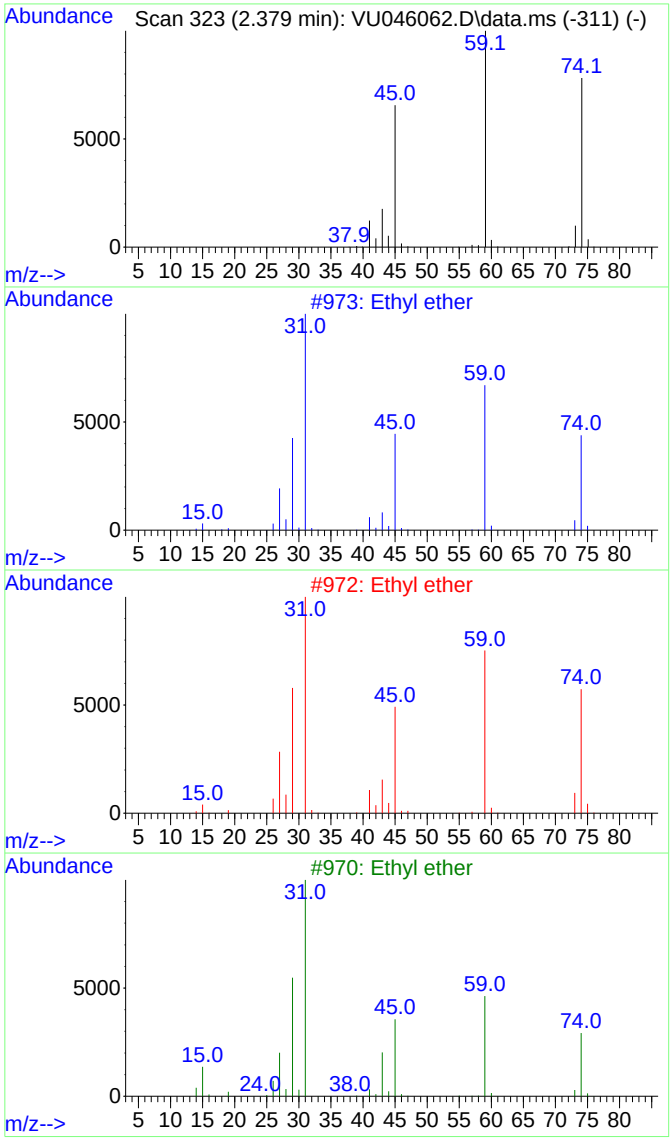
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

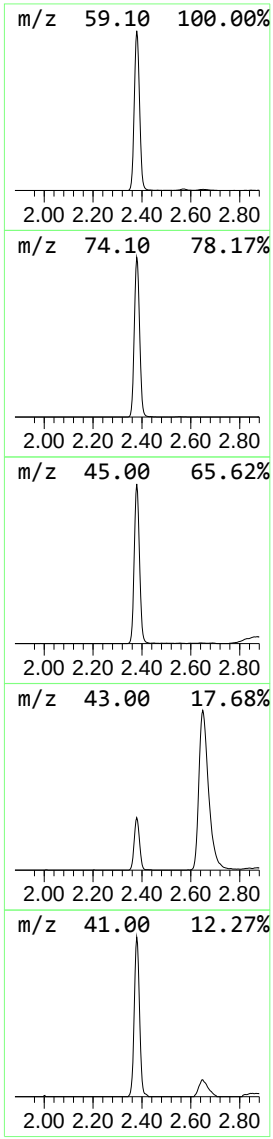
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.379	47.12 ug/L	530430	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	91
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	83
4	Ethyl ether	74	C4H10O	000060-29-7	72
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046062.D
Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

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

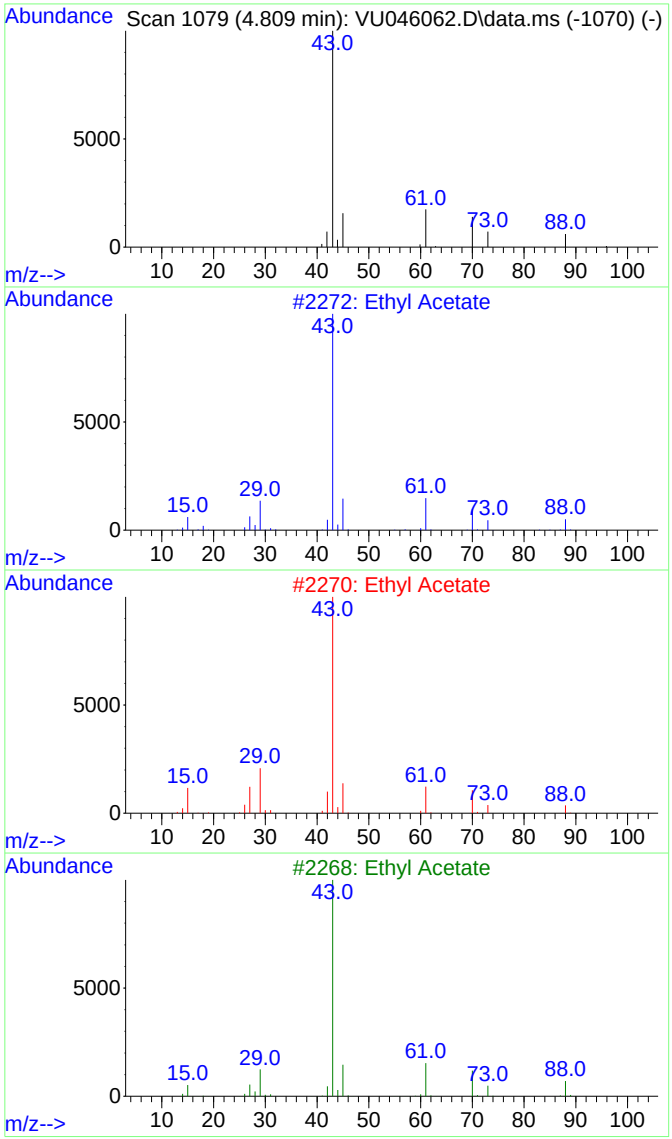
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

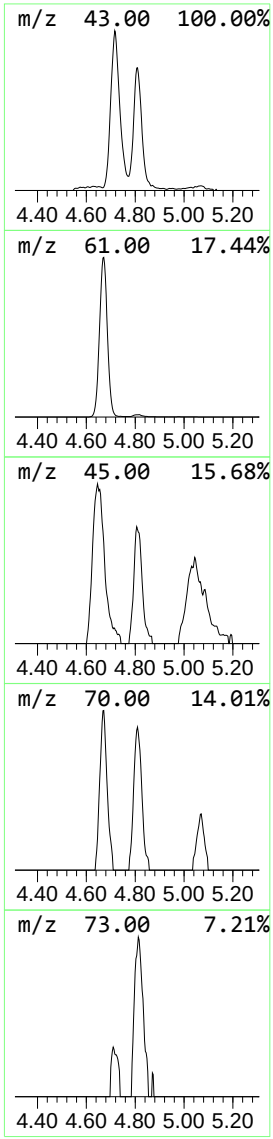
****

Peak Number 2 Ethyl Acetate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.809	4.14 ug/L	46545	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	86
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
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Acq On : 02 Dec 2021 18:57
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Sample : M4870-01
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

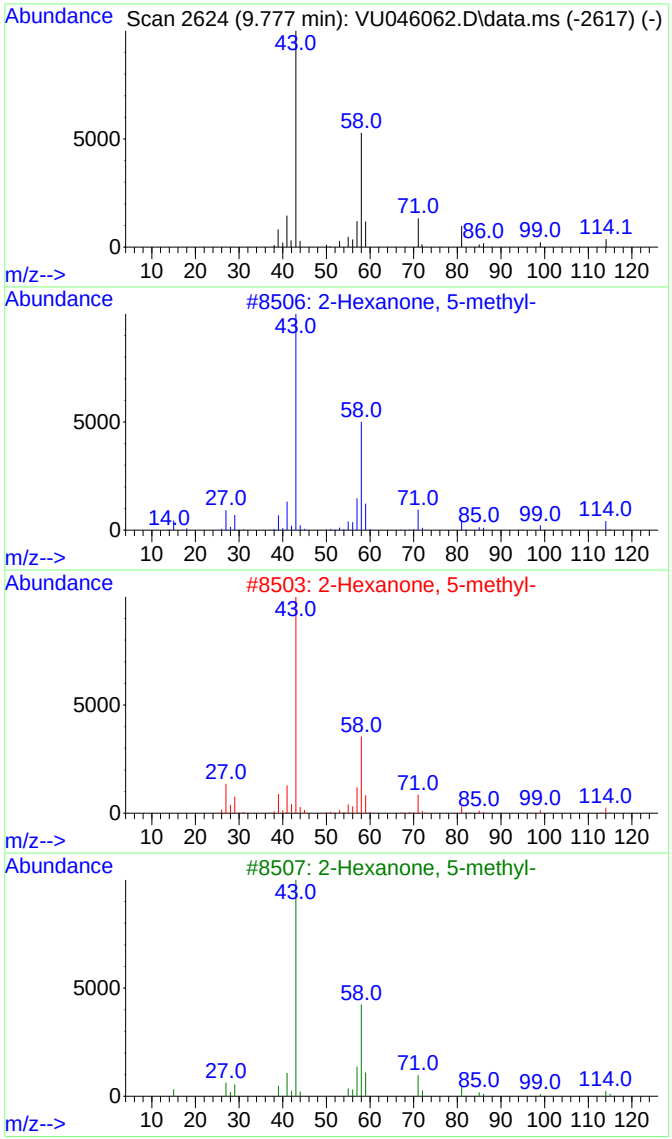
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

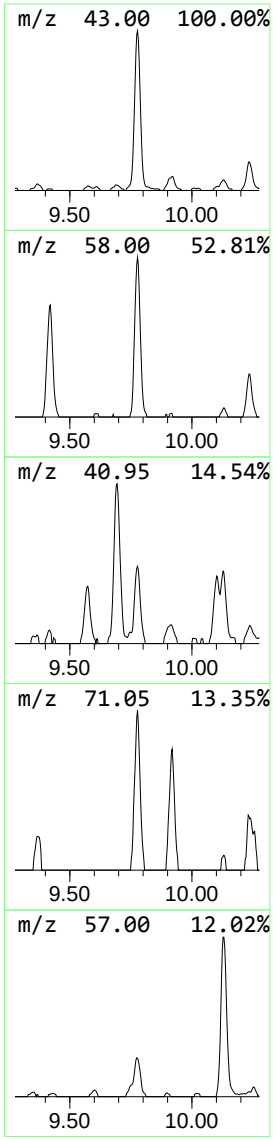
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Hexanone, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.777	3.68 ug/L	52298	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	91
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	87
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	87
4	2-Heptanone	114	C7H14O	000110-43-0	72
5	2-Heptanone	114	C7H14O	000110-43-0	72





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Data File : VU046062.D
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

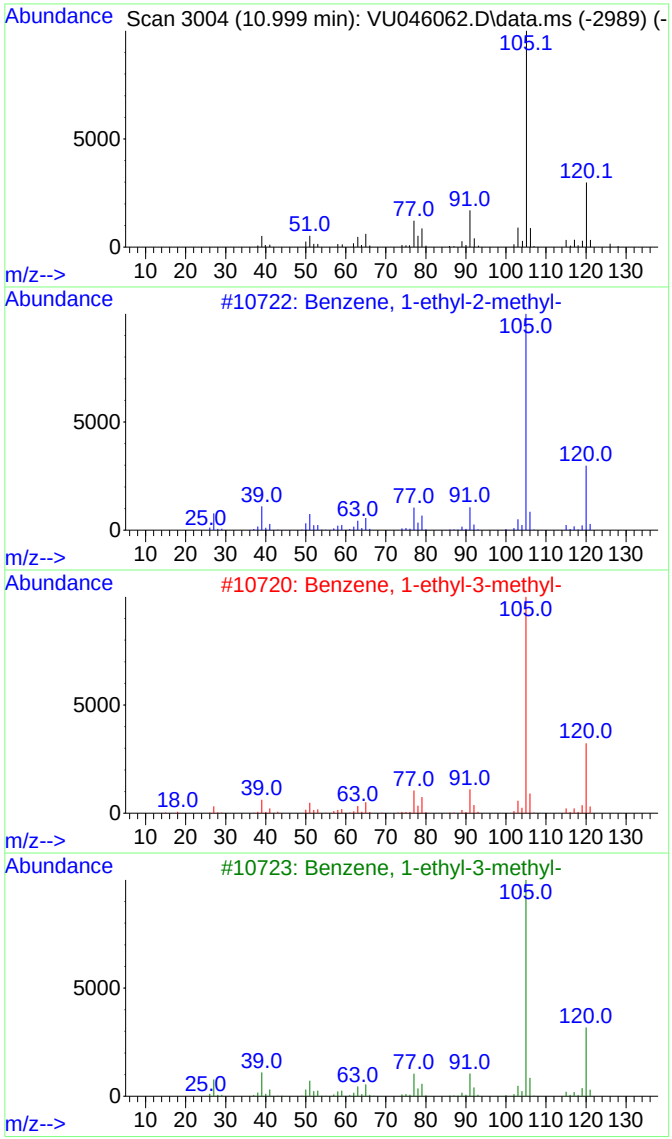
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

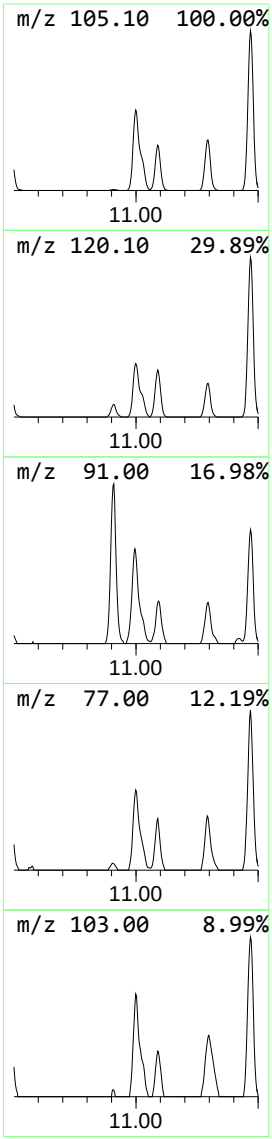
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.999	11.39 ug/L	173367	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	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046062.D
Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

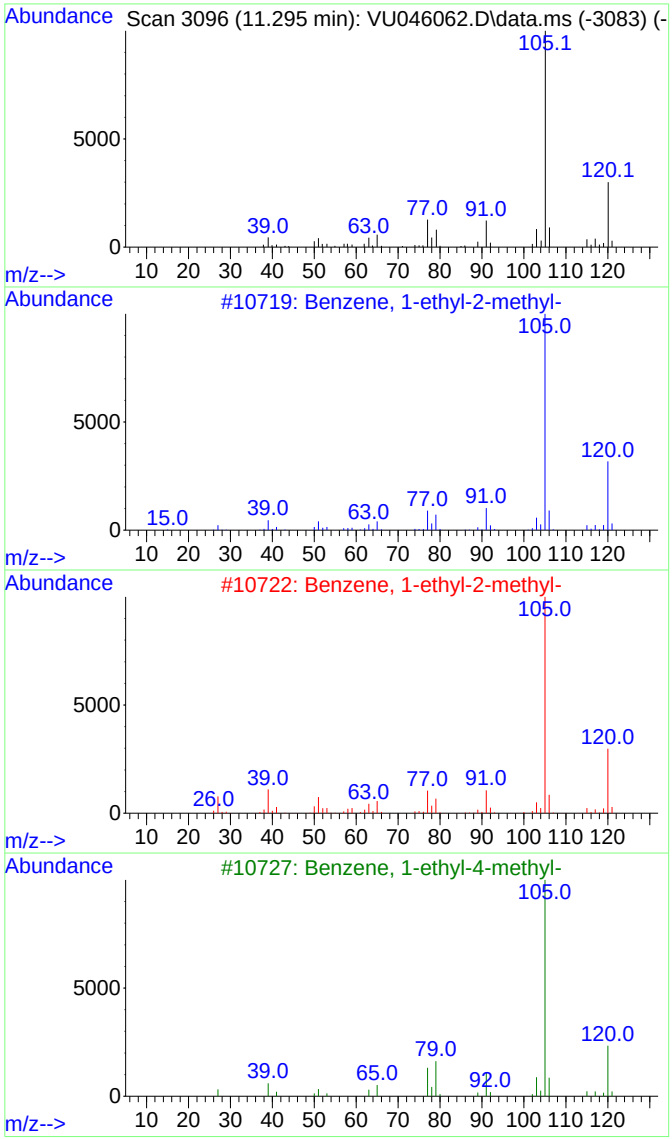
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

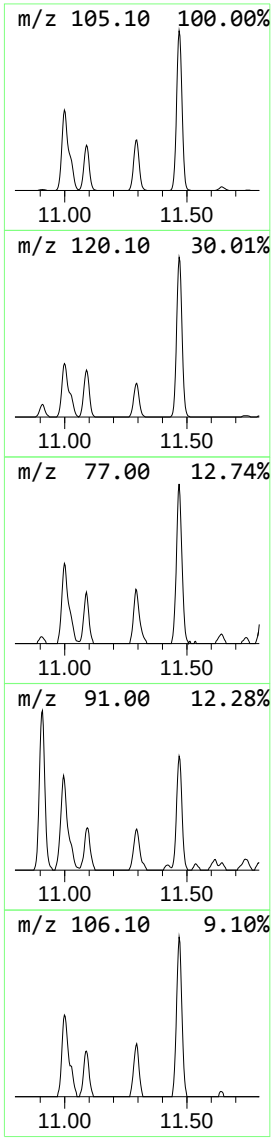
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.295	6.00 ug/L	91331	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	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Data File : VU046062.D
Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

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

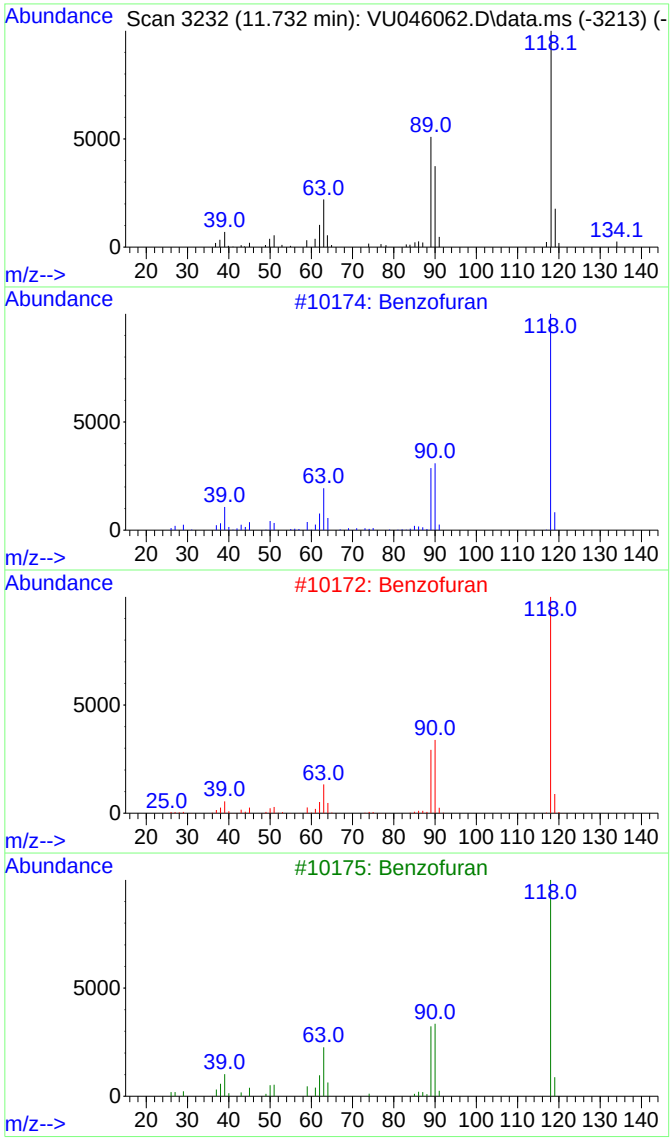
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

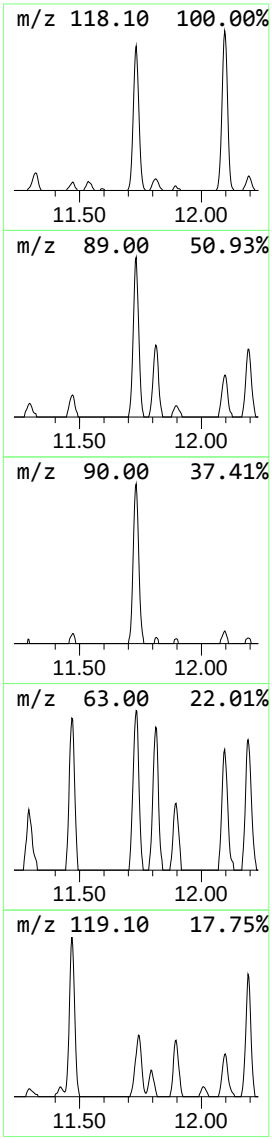
****

Peak Number 7 Benzofuran Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.732	4.48 ug/L	68161	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	87
2	Benzofuran	118	C8H6O	000271-89-6	87
3	Benzofuran	118	C8H6O	000271-89-6	87
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	86
5	5-Azaindole	118	C7H6N2	000271-34-1	50





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Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

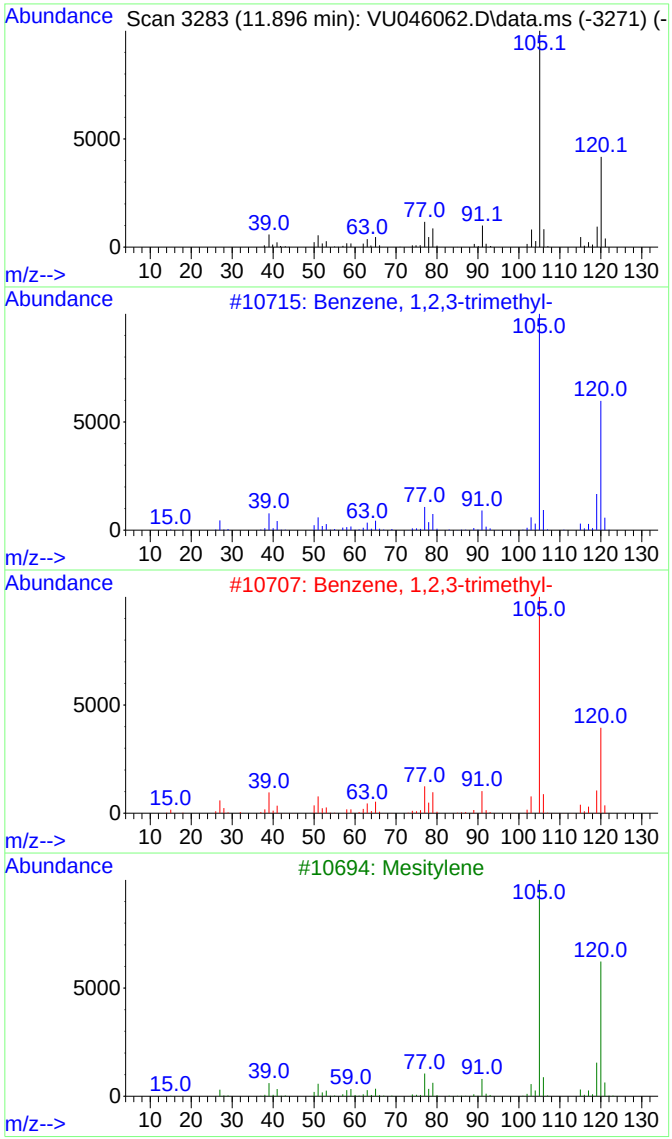
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

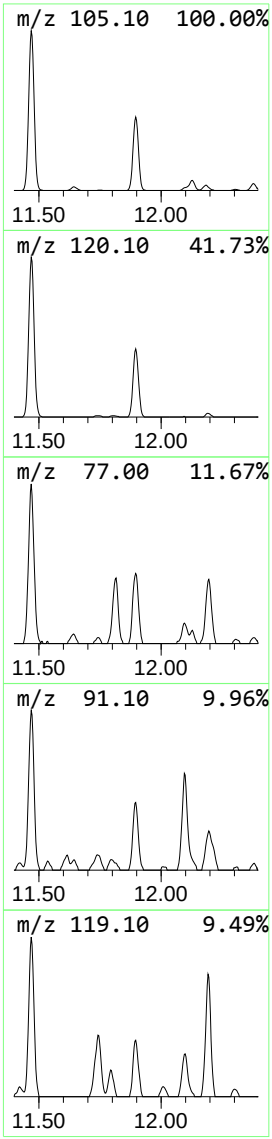
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	8.24 ug/L	125429	1,4-Dichlorobenzene-d4	11.812

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





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Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

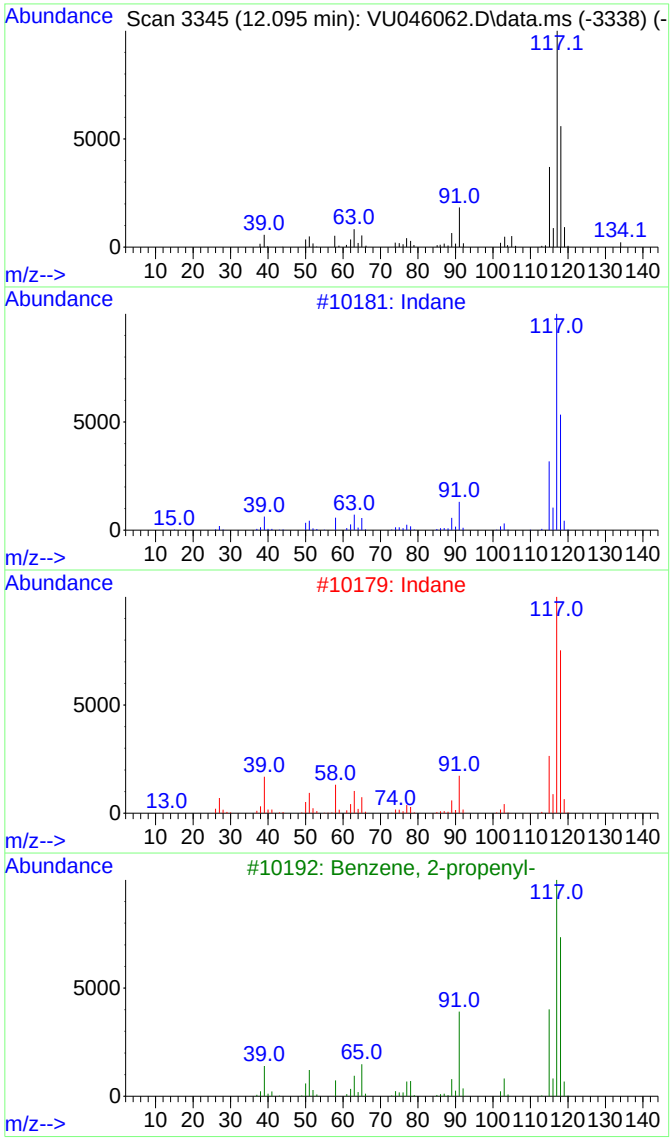
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

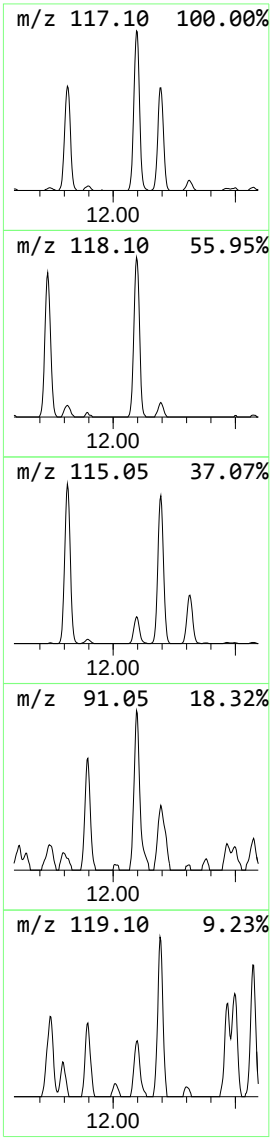
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	8.86 ug/L	134951	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	87
5	Indane	118	C9H10	000496-11-7	87





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Data File : VU046062.D
Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

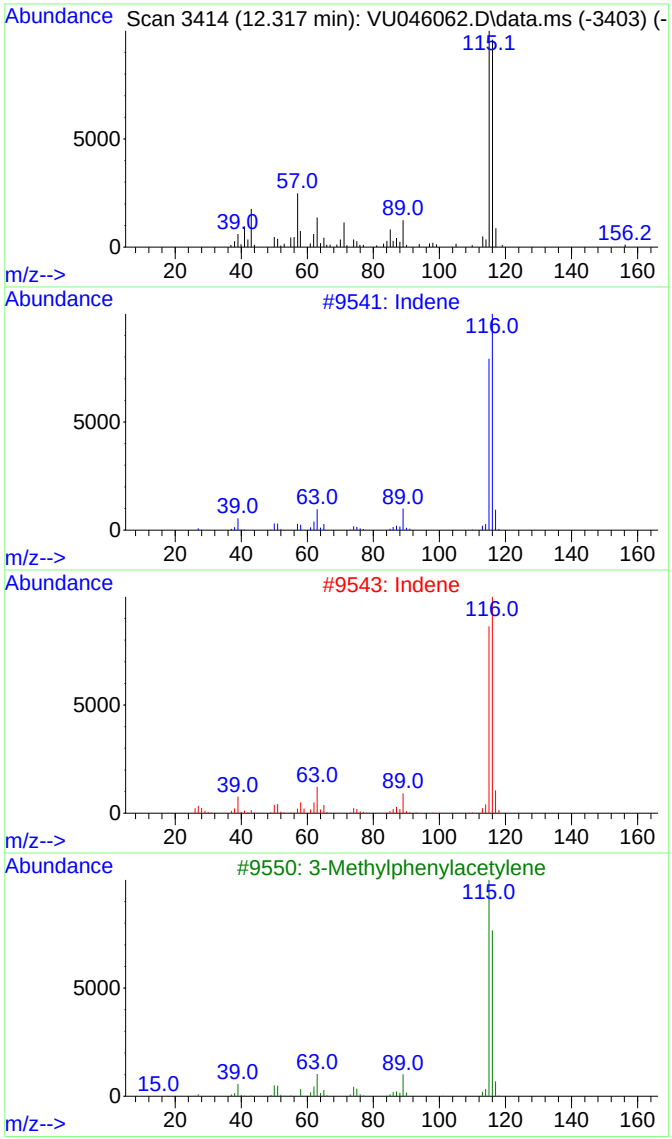
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

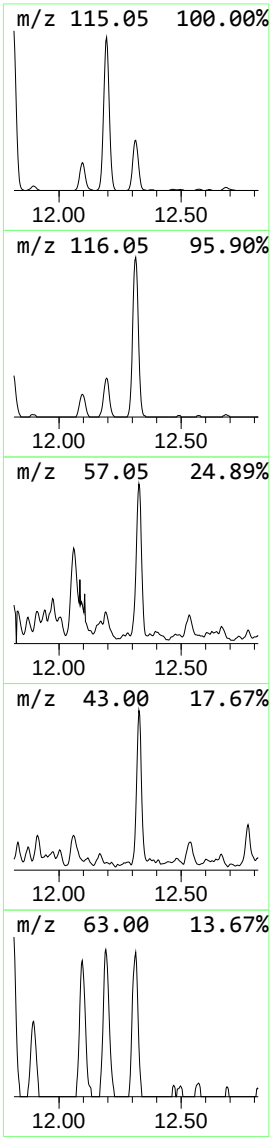
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.317	7.20 ug/L	109612	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	93
2	Indene	116	C9H8	000095-13-6	93
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	90
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	87





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Data File : VU046062.D
Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

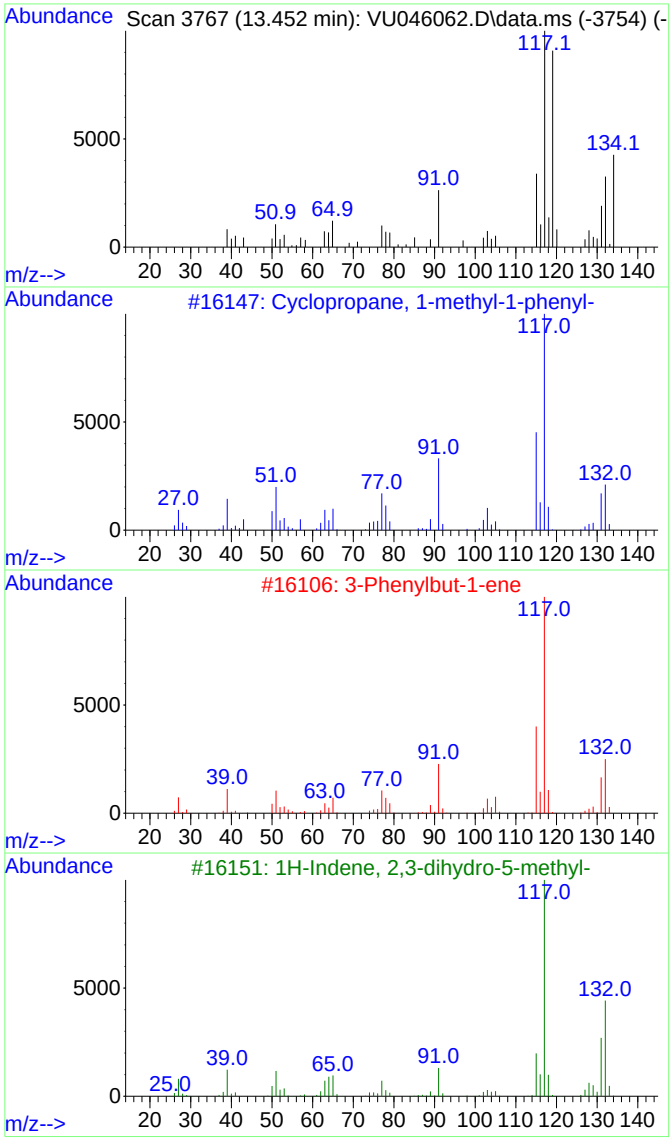
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

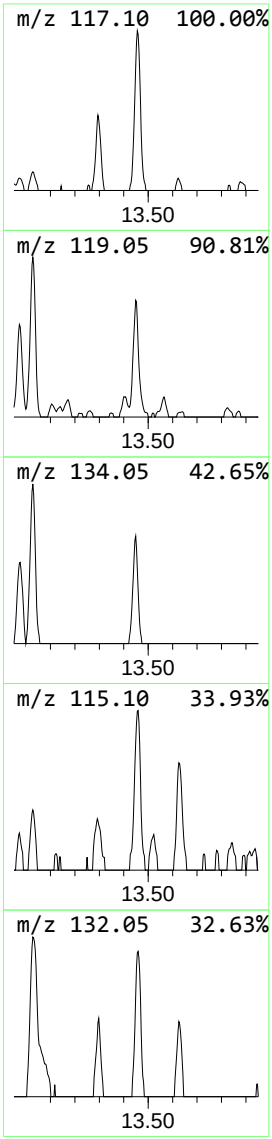
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopropane, 1-methyl-1-ph... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	3.41 ug/L	51976	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	55
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	55
5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	50





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Data File : VU046062.D
Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

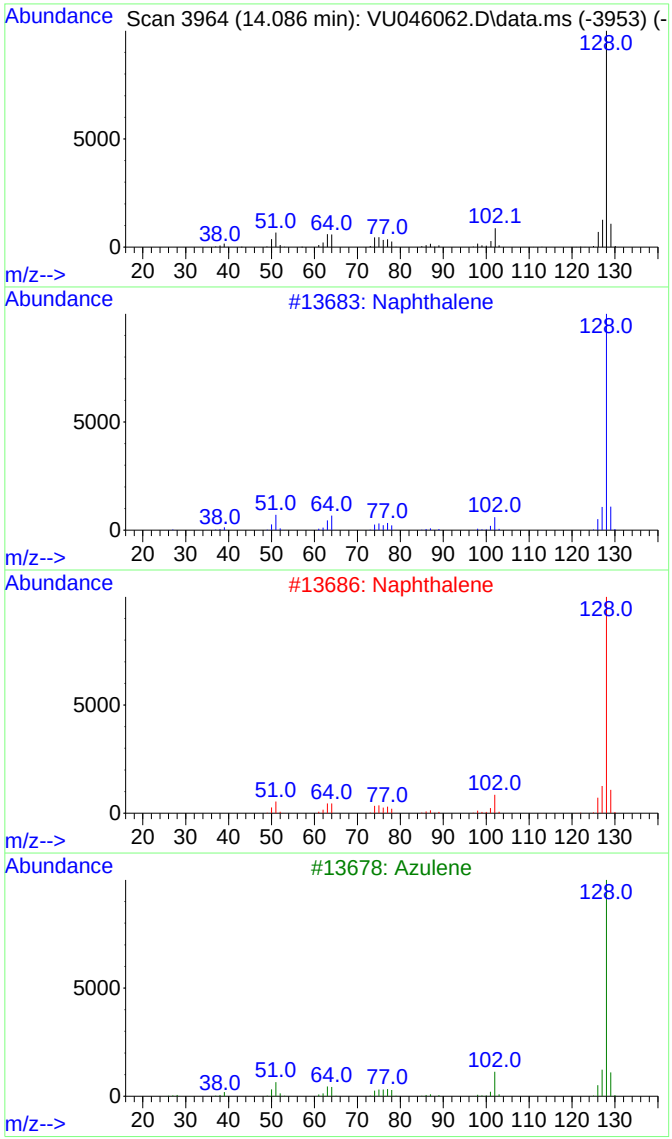
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

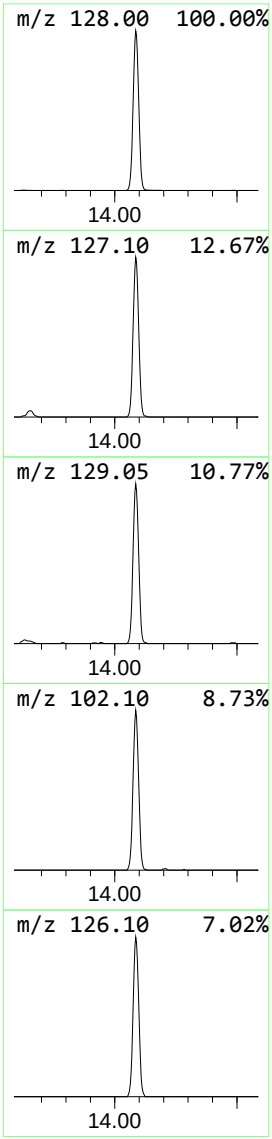
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.086	50.65 ug/L	771257	1,4-Dichlorobenzene-d4	11.812

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





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Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

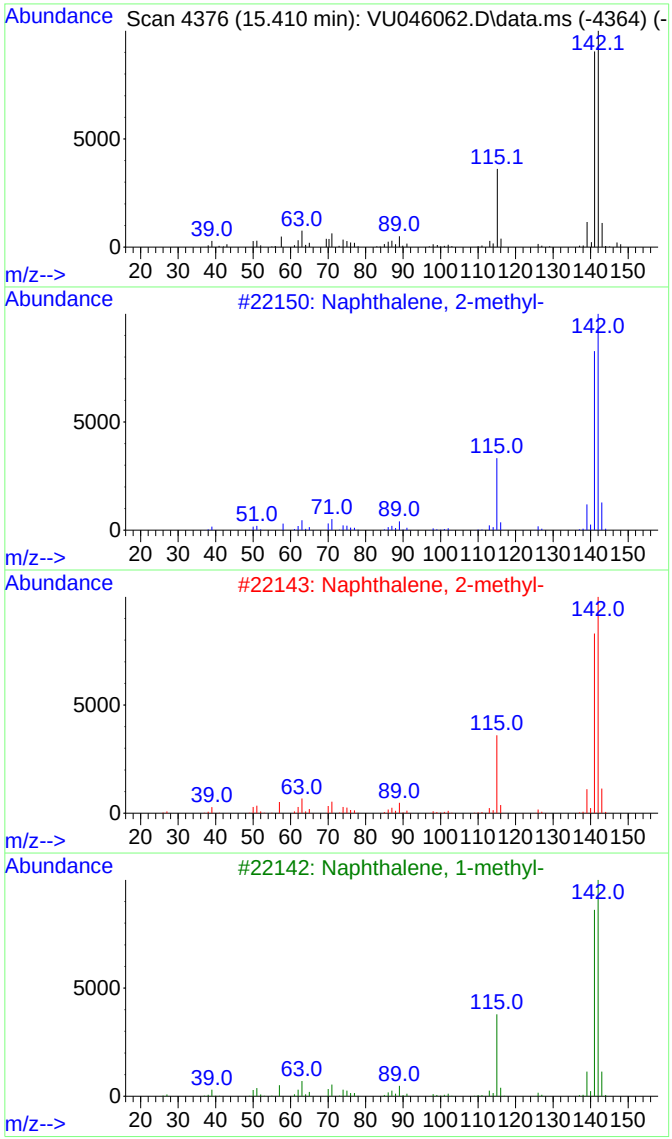
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

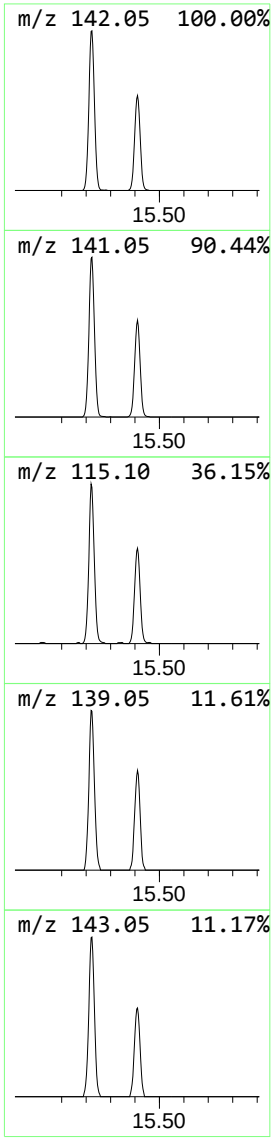
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1,4-Methanonaphthalene, 1,4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	13.35 ug/L	203283	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Data File : VU046062.D
Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

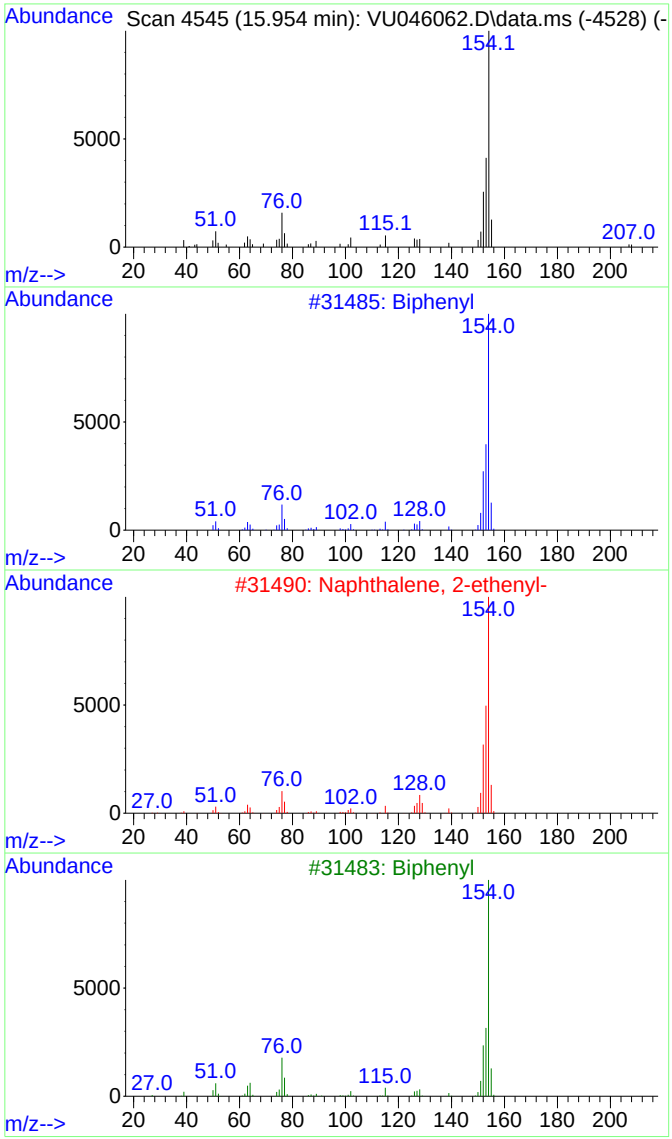
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

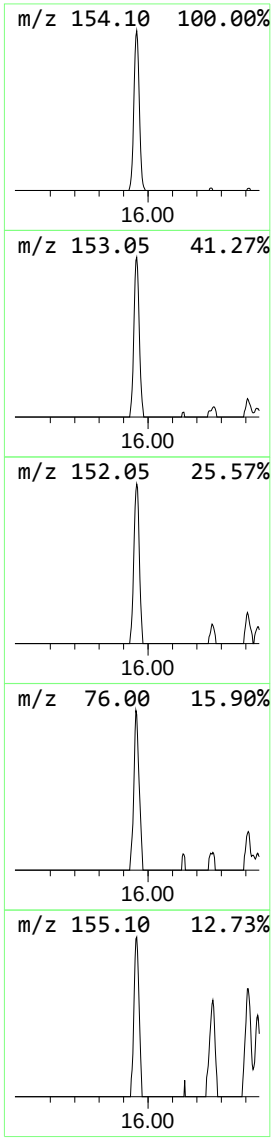
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2-ethenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.954	2.91 ug/L	44240	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	93
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
3	Biphenyl	154	C12H10	000092-52-4	87
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5	Biphenyl	154	C12H10	000092-52-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046062.D
Acq On : 02 Dec 2021 18:57
Operator : SY/MD
Sample : M4870-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKN8

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
Ethyl ether	2.379	47.1	ug/L	530430	1	6.253	562796	50.0
Ethyl Acetate	4.809	4.1	ug/L	46545	1	6.253	562796	50.0
2-Hexanone, 5-m...	9.777	3.7	ug/L	52298	2	9.420	710885	50.0
Benzene, 1-ethy...	10.999	11.4	ug/L	173367	3	11.812	761298	50.0
Benzene, 1-ethy...	11.295	6.0	ug/L	91331	3	11.812	761298	50.0
Benzofuran	11.732	4.5	ug/L	68161	3	11.812	761298	50.0
Benzene, 1,2,3-...	11.896	8.2	ug/L	125429	3	11.812	761298	50.0
Indane	12.095	8.9	ug/L	134951	3	11.812	761298	50.0
Indene	12.317	7.2	ug/L	109612	3	11.812	761298	50.0
Cyclopropane, 1...	13.452	3.4	ug/L	51976	3	11.812	761298	50.0
Azulene	14.086	50.6	ug/L	771257	3	11.812	761298	50.0
1,4-Methanonaph...	15.410	13.4	ug/L	203283	3	11.812	761298	50.0
Naphthalene, 2-...	15.954	2.9	ug/L	44240	3	11.812	761298	50.0