LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010622\
Data File : VV024288.D
Acq On : 06 Jan 2022 11:52
Operator : SY/MD
Sample : N1025-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH1DL

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_V\Method\SFAMVLM123121WMA.M
Title : VOC Analysis

Signal : TIC: VV024288.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.204	45	51	61	rBV	28407	26360	3.06%	0.297%
2	1.307	76	83	96	rVB	127839	133545	15.52%	1.506%
3	1.571	157	165	176	rBV	104213	116443	13.53%	1.313%
4	1.950	275	283	295	rBV	35558	46162	5.36%	0.521%
5	2.108	322	332	348	rBV	225415	332700	38.66%	3.752%
6	2.301	385	392	399	rBV3	614	1073	0.12%	0.012%
7	2.513	448	458	475	rVB6	6616	14464	1.68%	0.163%
8	2.587	479	481	486	rVB	327	256	0.03%	0.003%
9	2.764	530	536	548	rVB4	2292	3782	0.44%	0.043%
10	3.040	618	622	630	rVV4	1247	1918	0.22%	0.022%
11	3.198	660	671	682	rVB2	1436	2965	0.34%	0.033%
12	3.751	839	843	844	rBV	351	281	0.03%	0.003%
13	3.892	874	887	917	rBV3	53246	199577	23.19%	2.250%
14	4.220	983	989	991	rBV3	304	330	0.04%	0.004%
15	4.346	1012	1028	1053	rBV	146909	360293	41.86%	4.063%
16	4.494	1070	1074	1077	rVB2	411	275	0.03%	0.003%
17	4.506	1077	1078	1082	rVB	446	313	0.04%	0.004%
18	4.539	1085	1088	1090	rBV2	365	275	0.03%	0.003%
19	4.677	1121	1131	1143	rBV9	2210	5069	0.59%	0.057%
20	4.744	1149	1152	1153	rBV2	462	257	0.03%	0.003%
21	4.902	1196	1201	1205	rBV3	1468	1745	0.20%	0.020%
22	5.043	1228	1245	1258	rBV3	324498	860654	100.00%	9.705%
23	5.249	1307	1309	1315	rVB3	805	656	0.08%	0.007%
24	5.490	1381	1384	1385	rBV	576	245	0.03%	0.003%
25	5.503	1385	1388	1392	rVB2	377	269	0.03%	0.003%
26	5.613	1408	1422	1447	rBV	268725	540018	62.75%	6.089%
27	5.847	1491	1495	1496	rBV2	407	277	0.03%	0.003%
28	6.066	1550	1563	1595	rVV	184242	379507	44.10%	4.279%
29	6.719	1761	1766	1771	rBB	150	237	0.03%	0.003%
30	6.982	1838	1848	1873	rVV	110218	198916	23.11%	2.243%
31	7.220	1918	1922	1926	rBV4	503	410	0.05%	0.005%
32	7.265	1931	1936	1939	rBV4	1468	1130	0.13%	0.013%
33	7.313	1939	1951	1964	rBV	412712	706455	82.08%	7.966%
34	7.384	1964	1973	1996	rVB	353881	609396	70.81%	6.872%
35	7.619	2032	2046	2073	rBV	78933	141636	16.46%	1.597%
36	7.783	2093	2097	2099	rBV2	880	687	0.08%	0.008%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010622\
Data File : VV024288.D
Acq On : 06 Jan 2022 11:52
Operator : SY/MD
Sample : N1025-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH1DL

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_V\Method\SFAMVLM123121WMA.M
Title : VOC Analysis

37	7.857	2115	2120	2121	rBV	298	267	0.03%	0.003%
38	7.937	2140	2145	2148	rBV3	912	879	0.10%	0.010%
39	8.085	2178	2191	2227	rBV	182759	346856	40.30%	3.911%
40	8.355	2271	2275	2277	rBV2	430	357	0.04%	0.004%
41	8.548	2331	2335	2338	rBV	297	269	0.03%	0.003%
42	8.645	2363	2365	2371	rVB	267	244	0.03%	0.003%
43	8.850	2418	2429	2453	rBV	413735	681099	79.14%	7.680%
44	9.011	2468	2479	2500	rBV	88092	138296	16.07%	1.559%
45	9.136	2504	2518	2536	rBV	85303	145403	16.89%	1.640%
46	9.227	2543	2546	2547	rBV	586	326	0.04%	0.004%
47	9.471	2617	2622	2623	rBV	517	349	0.04%	0.004%
48	9.484	2623	2626	2627	rBV2	380	243	0.03%	0.003%
49	9.545	2635	2645	2661	rVB	44831	72523	8.43%	0.818%
50	9.702	2691	2694	2697	rVB2	614	365	0.04%	0.004%
51	9.799	2720	2724	2725	rBV	498	313	0.04%	0.004%
52	9.931	2756	2765	2783	rBV2	25456	40446	4.70%	0.456%
53	9.998	2783	2786	2790	rVV3	325	265	0.03%	0.003%
54	10.124	2819	2825	2835	rBV6	2343	3771	0.44%	0.043%
55	10.214	2842	2853	2873	rBV	254956	389987	45.31%	4.398%
56	10.313	2880	2884	2887	rBV3	254	252	0.03%	0.003%
57	10.352	2888	2896	2913	rBV	18614	31017	3.60%	0.350%
58	10.429	2915	2920	2921	rBV3	1519	1187	0.14%	0.013%
59	10.542	2947	2955	2964	rBV2	6354	8940	1.04%	0.101%
60	10.693	2998	3002	3003	rBV	383	294	0.03%	0.003%
61	10.738	3007	3016	3031	rVB	20441	31502	3.66%	0.355%
62	10.863	3048	3055	3061	rVV7	2146	3189	0.37%	0.036%
63	10.915	3061	3071	3087	rVB	94989	143587	16.68%	1.619%
64	11.056	3108	3115	3119	rBV4	5093	7078	0.82%	0.080%
65	11.149	3137	3144	3148	rBV6	1173	1487	0.17%	0.017%
66	11.191	3149	3157	3164	rVV3	9735	13753	1.60%	0.155%
67	11.246	3164	3174	3193	rVV	465121	722662	83.97%	8.149%
68	11.336	3194	3202	3212	rVB	25289	37396	4.35%	0.422%
69	11.529	3249	3262	3270	rBV3	28318	57431	6.67%	0.648%
70	11.622	3282	3291	3312	rVB	495776	812837	94.44%	9.166%
71	11.747	3324	3330	3338	rVB5	4708	6392	0.74%	0.072%
72	11.818	3345	3352	3366	rVB	15585	23484	2.73%	0.265%
73	11.908	3371	3380	3386	rBV2	18745	29821	3.46%	0.336%
74	12.014	3405	3413	3431	rVB2	25199	44761	5.20%	0.505%
75	12.114	3437	3444	3450	rBV	9496	14506	1.69%	0.164%
76	12.413	3531	3537	3545	rVB	19339	25321	2.94%	0.286%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010622\
Data File : VV024288.D
Acq On : 06 Jan 2022 11:52
Operator : SY/MD
Sample : N1025-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH1DL

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_V\Method\SFAMVLM123121WMA.M
Title : VOC Analysis

77	12.464	3545	3553	3570	rVB2	25371	39796	4.62%	0.449%
78	12.551	3573	3580	3587	rBV5	3815	5257	0.61%	0.059%
79	12.648	3603	3610	3616	rVV4	3045	3905	0.45%	0.044%
80	12.792	3649	3655	3662	rVB5	1265	1755	0.20%	0.020%
81	12.847	3662	3672	3674	rBV4	3843	4826	0.56%	0.054%
82	13.001	3713	3720	3727	rBV2	2773	3634	0.42%	0.041%
83	13.046	3727	3734	3744	rVB8	4500	6855	0.80%	0.077%
84	13.162	3763	3770	3778	rBV5	2093	3114	0.36%	0.035%
85	13.214	3780	3786	3794	rBV3	2860	4034	0.47%	0.045%
86	13.265	3794	3802	3812	rBV5	16825	27870	3.24%	0.314%
87	13.503	3864	3876	3887	rBV	120355	187911	21.83%	2.119%
88	13.619	3902	3912	3922	rVB7	3612	5842	0.68%	0.066%
89	13.677	3926	3930	3932	rBV	243	234	0.03%	0.003%
90	13.712	3935	3941	3945	rBV6	2556	3346	0.39%	0.038%
91	13.911	3997	4003	4018	rVB4	3926	5802	0.67%	0.065%
92	14.091	4052	4059	4060	rBV4	4050	4205	0.49%	0.047%
93	14.297	4115	4123	4132	rBV3	2756	4355	0.51%	0.049%
94	14.432	4157	4165	4175	rBV5	3518	5463	0.63%	0.062%
95	14.561	4199	4205	4207	rBV2	307	289	0.03%	0.003%
96	14.628	4224	4226	4227	rBV2	969	452	0.05%	0.005%
97	14.715	4251	4253	4256	rBV	398	254	0.03%	0.003%
98	14.818	4275	4285	4297	rBV2	13570	20487	2.38%	0.231%
99	15.075	4362	4365	4367	rBV2	509	269	0.03%	0.003%
100	15.339	4443	4447	4450	rBV3	720	604	0.07%	0.007%

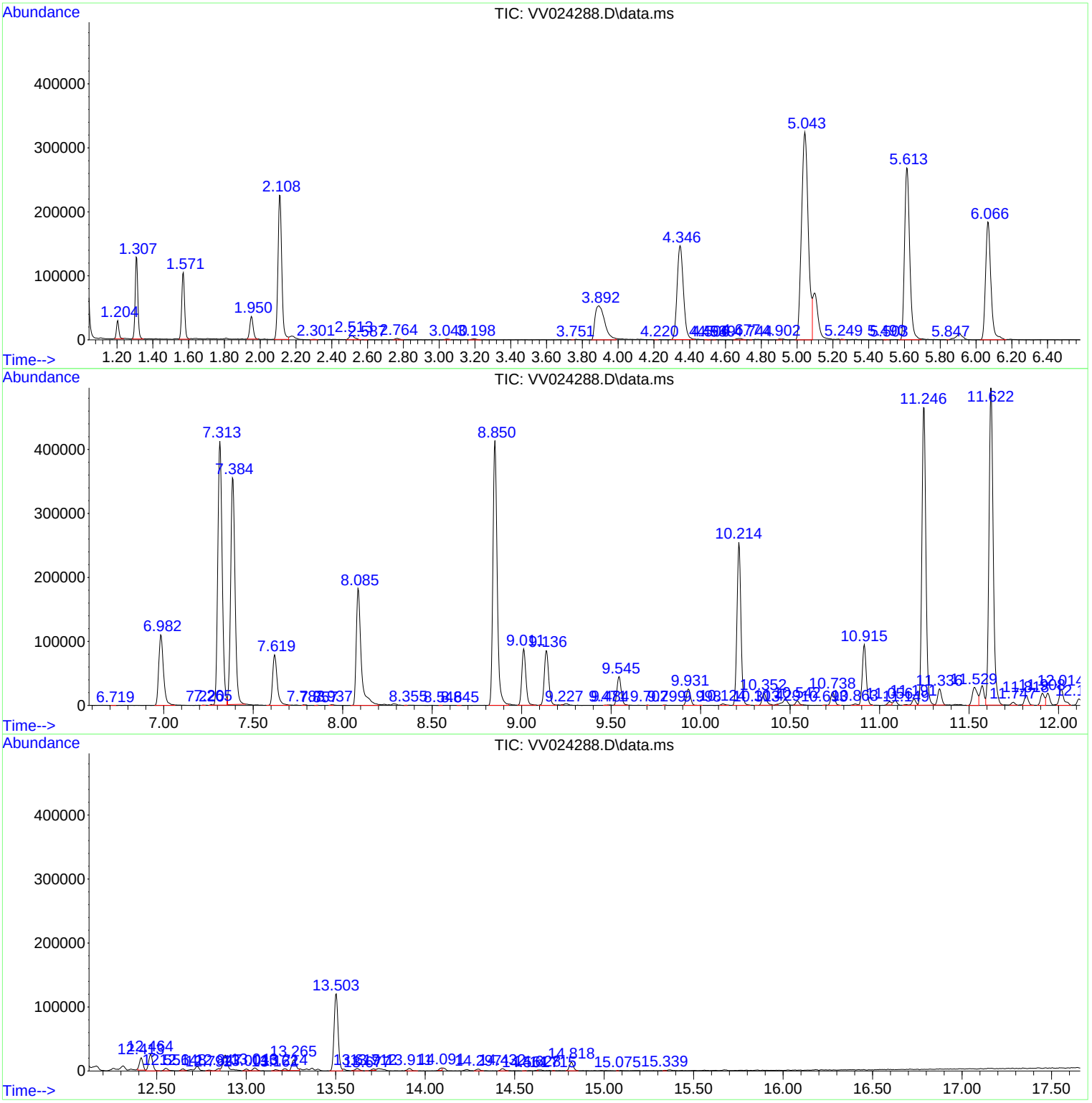
Sum of corrected areas: 8868290

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010622\
Data File : VV024288.D
Acq On : 06 Jan 2022 11:52
Operator : SY/MD
Sample : N1025-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH1DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010622\
Data File : VV024288.D
Acq On : 06 Jan 2022 11:52
Operator : SY/MD
Sample : N1025-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH1DL

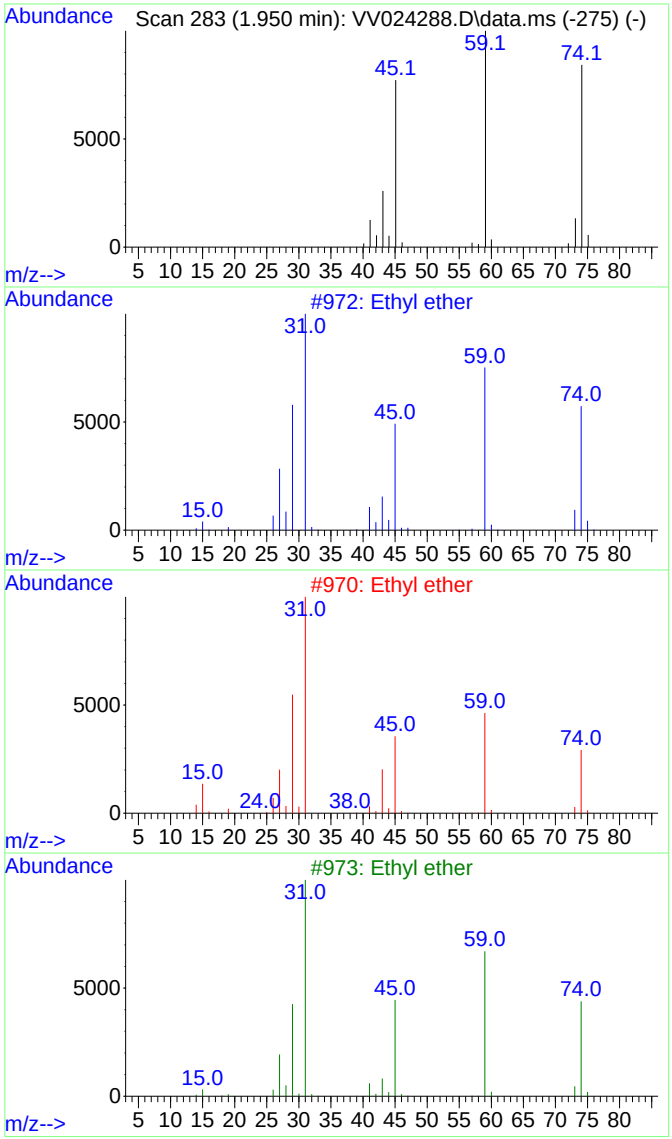
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis

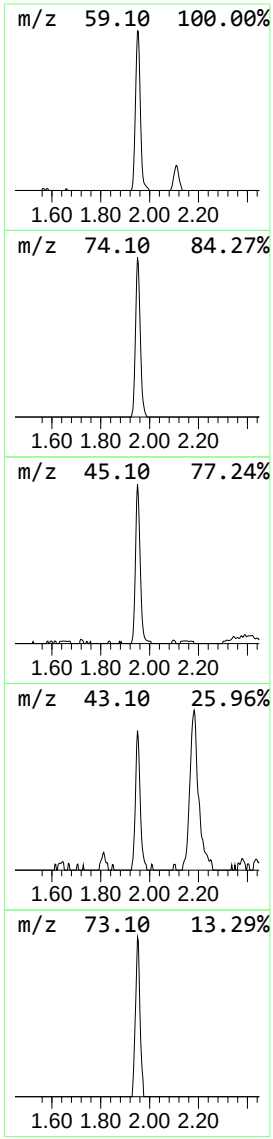
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.950	4.27 ug/L	46162	1,4-Difluorobenzene	5.616

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	90
4	Ethyl ether	74	C4H10O	000060-29-7	64
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010622\
Data File : VV024288.D
Acq On : 06 Jan 2022 11:52
Operator : SY/MD
Sample : N1025-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH1DL

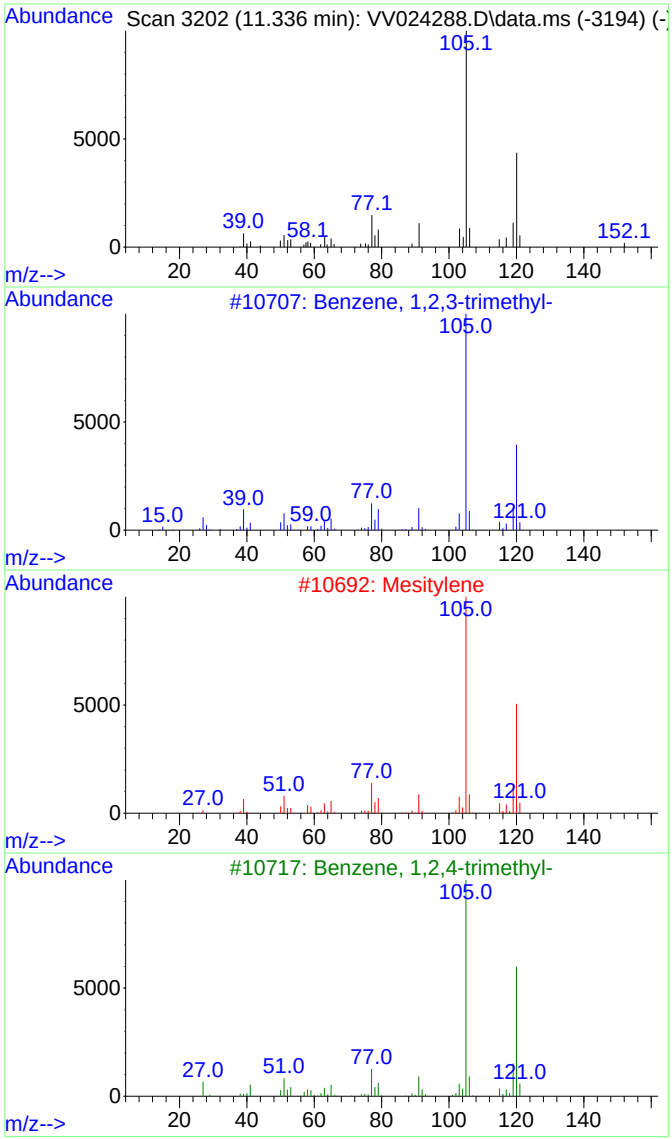
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis

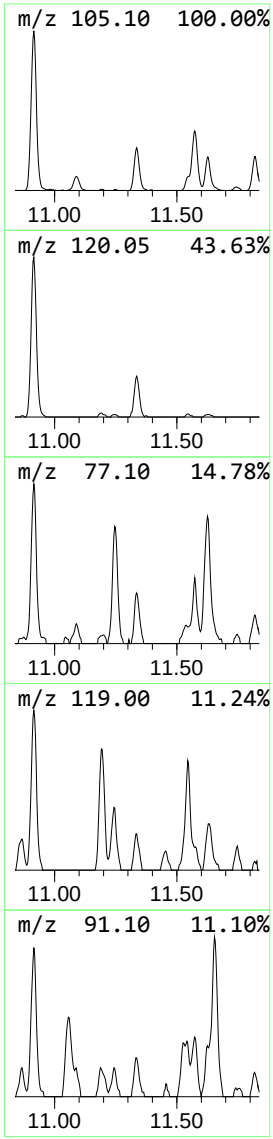
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.336	2.59 ug/L	37396	1,4-Dichlorobenzene-d4	11.246

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010622\
Data File : VV024288.D
Acq On : 06 Jan 2022 11:52
Operator : SY/MD
Sample : N1025-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH1DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis

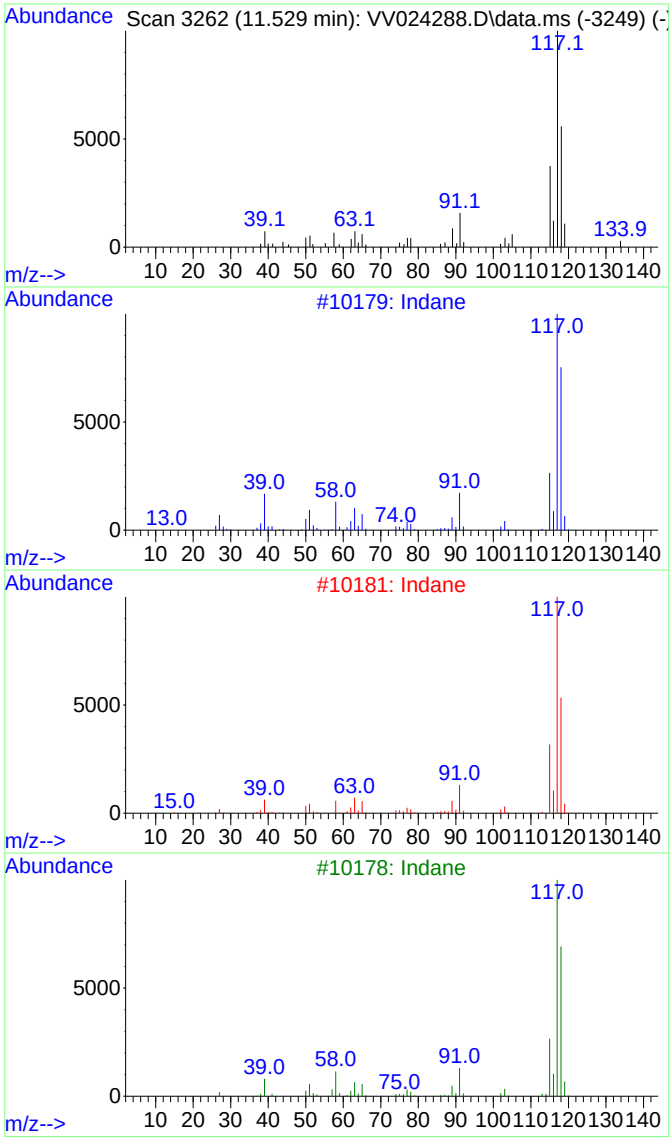
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

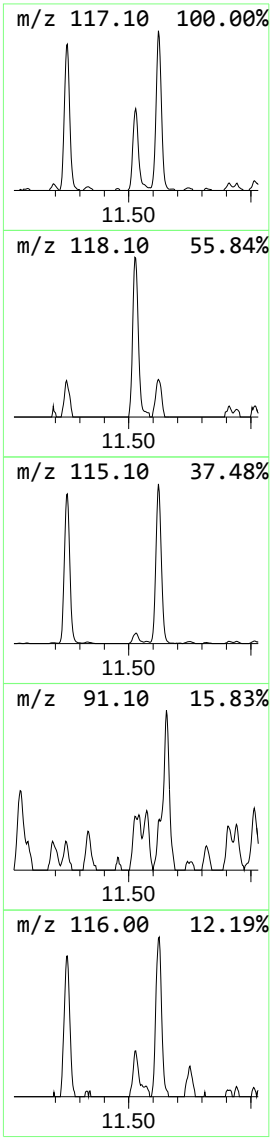
****

Peak Number 4 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	3.97 ug/L	57431	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	80
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010622\
Data File : VV024288.D
Acq On : 06 Jan 2022 11:52
Operator : SY/MD
Sample : N1025-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH1DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis

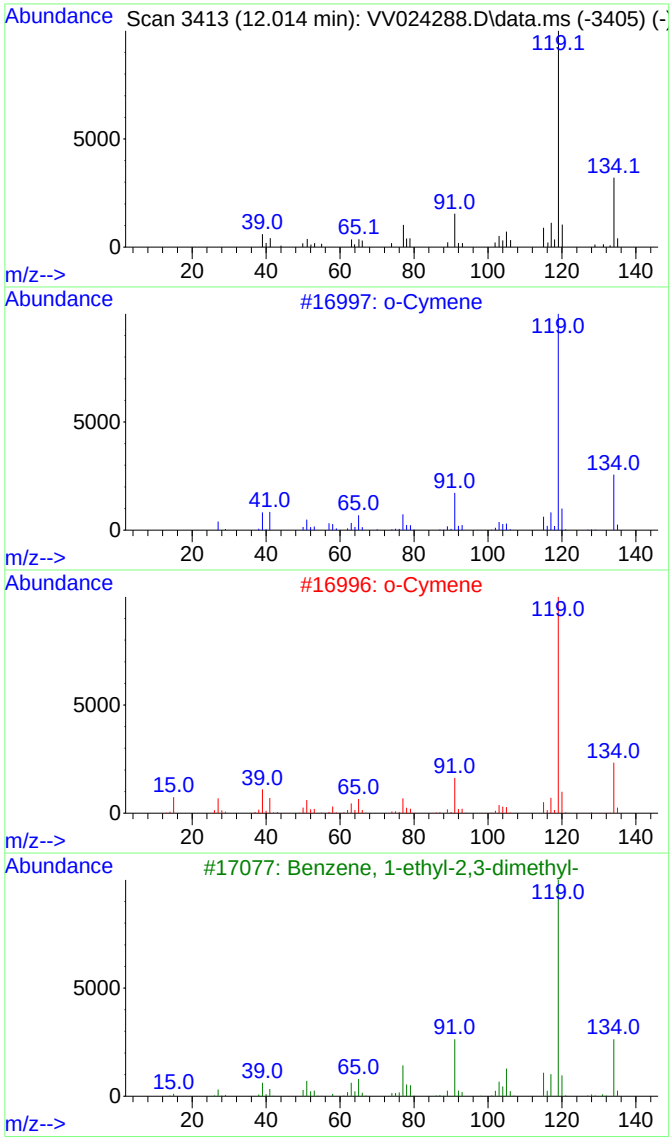
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

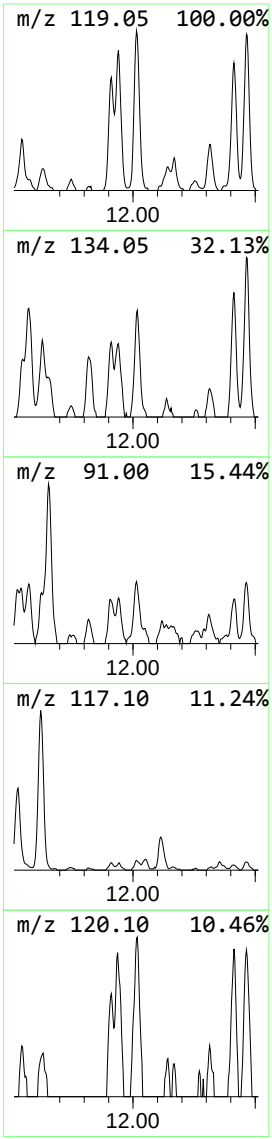
****

Peak Number 5 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	3.10 ug/L	44761	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
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_V\Data\VV010622\
Data File : VV024288.D
Acq On : 06 Jan 2022 11:52
Operator : SY/MD
Sample : N1025-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH1DL

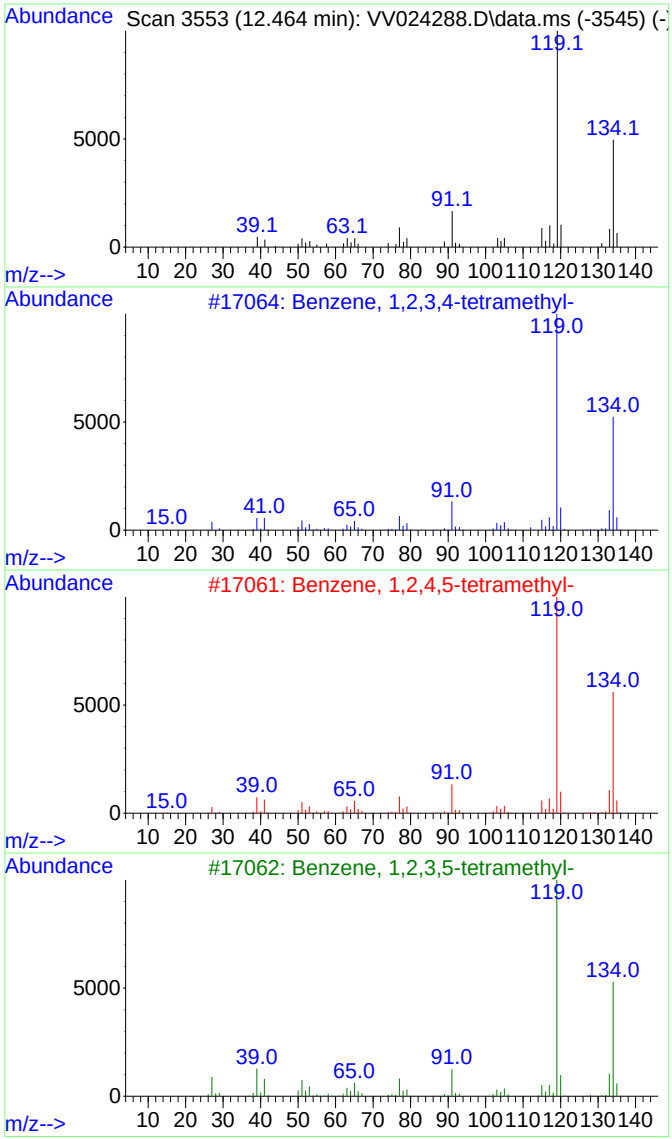
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis

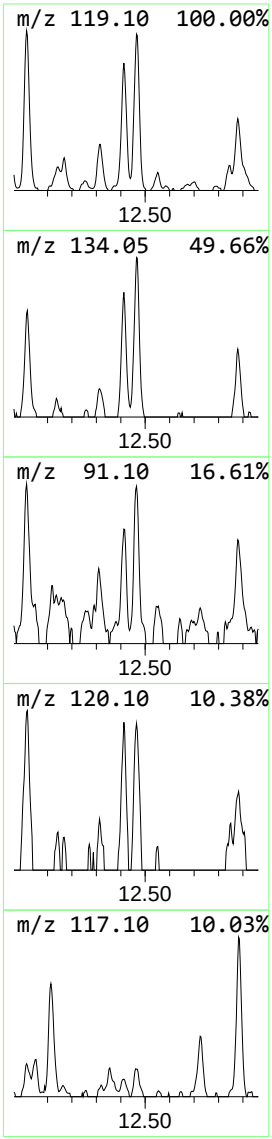
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	2.75 ug/L	39796	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010622\
Data File : VV024288.D
Acq On : 06 Jan 2022 11:52
Operator : SY/MD
Sample : N1025-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH1DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis

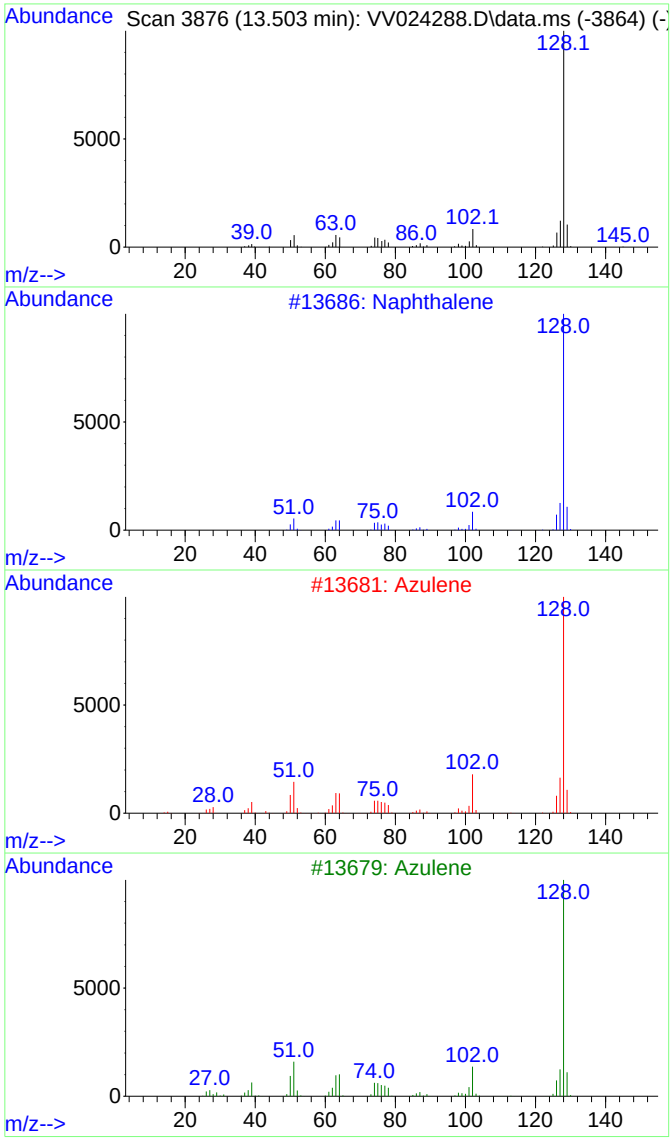
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

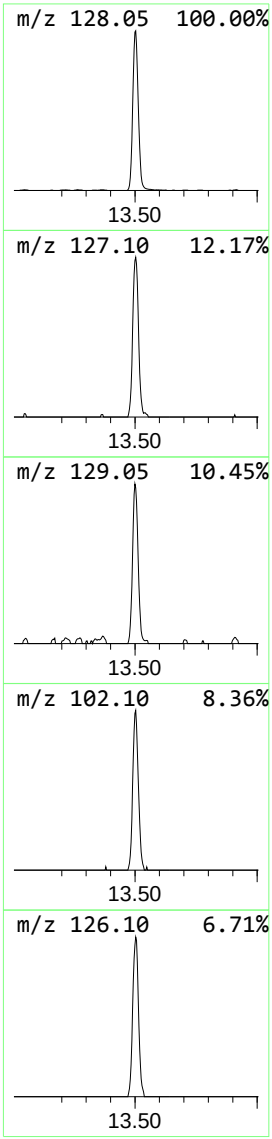
****

Peak Number 7 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	13.00 ug/L	187911	1,4-Dichlorobenzene-d4	11.246

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV010622\
Data File : VV024288.D
Acq On : 06 Jan 2022 11:52
Operator : SY/MD
Sample : N1025-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGLH1DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.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	1.950	4.3	ug/L	46162	1	5.616	540018	50.0
Benzene, 1,2,3-...	11.336	2.6	ug/L	37396	3	11.246	722662	50.0
Indane	11.529	4.0	ug/L	57431	3	11.246	722662	50.0
o-Cymene	12.014	3.1	ug/L	44761	3	11.246	722662	50.0
Benzene, 1,2,3,...	12.464	2.8	ug/L	39796	3	11.246	722662	50.0
Azulene	13.503	13.0	ug/L	187911	3	11.246	722662	50.0