LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031572.D
Acq On : 16 Jun 2023 13:37
Operator : SY/MD
Sample : 03249-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS4DL

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\SFAMVLM061423WMA.M
Title : VOC Analysis

Signal : TIC: VV031572.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.285	69	76	90	rVB2	184516	201922	25.15%	1.925%
2	1.539	148	155	170	rVB2	79030	144047	17.94%	1.374%
3	2.066	309	319	338	rBV	157031	231519	28.84%	2.208%
4	2.352	406	408	411	rVB	407	181	0.02%	0.002%
5	2.375	411	415	420	rBV2	337	348	0.04%	0.003%
6	2.458	432	441	450	rBV4	4319	6792	0.85%	0.065%
7	2.513	456	458	460	rVB2	271	87	0.01%	0.001%
8	2.532	460	464	467	rBV2	482	411	0.05%	0.004%
9	2.571	471	476	479	rBV4	420	470	0.06%	0.004%
10	2.706	509	518	531	rBV3	5910	10895	1.36%	0.104%
11	2.809	548	550	553	rBV	228	123	0.02%	0.001%
12	2.918	581	584	586	rBV	204	121	0.02%	0.001%
13	2.934	586	589	590	rBV	174	91	0.01%	0.001%
14	2.986	603	605	609	rVB2	242	130	0.02%	0.001%
15	3.021	613	616	621	rVB3	192	159	0.02%	0.002%
16	3.040	621	622	623	rBV3	176	48	0.01%	0.000%
17	3.121	632	647	670	rBV	207200	435893	54.29%	4.156%
18	3.417	737	739	742	rVB	108	56	0.01%	0.001%
19	3.445	742	748	752	rBV2	355	332	0.04%	0.003%
20	3.494	761	763	767	rBV2	220	154	0.02%	0.001%
21	3.590	790	793	795	rBV	192	133	0.02%	0.001%
22	3.606	795	798	802	rVB2	283	191	0.02%	0.002%
23	3.648	807	811	814	rBV2	163	148	0.02%	0.001%
24	3.693	820	825	828	rBV	187	195	0.02%	0.002%
25	3.738	835	839	843	rVB3	250	195	0.02%	0.002%
26	3.822	849	865	895	rBV2	186871	562824	70.10%	5.367%
27	4.259	985	1001	1033	rBV	130600	349493	43.53%	3.333%
28	4.523	1070	1083	1101	rVB3	25375	64872	8.08%	0.619%
29	4.642	1116	1120	1123	rBV	269	266	0.03%	0.003%
30	4.674	1128	1130	1131	rBV	207	80	0.01%	0.001%
31	4.851	1180	1185	1186	rBV	211	197	0.02%	0.002%
32	4.857	1186	1187	1188	rVB	217	48	0.01%	0.000%
33	4.899	1199	1200	1201	rBV	159	40	0.00%	0.000%
34	4.966	1203	1221	1250	rBV2	290865	801658	99.85%	7.644%
35	5.236	1301	1305	1308	rBV2	424	313	0.04%	0.003%
36	5.346	1333	1339	1340	rBV2	409	338	0.04%	0.003%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031572.D
Acq On : 16 Jun 2023 13:37
Operator : SY/MD
Sample : 03249-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS4DL

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\SFAMVLM061423WMA.M
Title : VOC Analysis

37	5.375	1346	1348	1351	rVB	286	109	0.01%	0.001%
38	5.416	1358	1361	1365	rBV	196	131	0.02%	0.001%
39	5.449	1369	1371	1376	rBV2	161	153	0.02%	0.001%
40	5.542	1386	1400	1423	rBV	271457	554600	69.08%	5.288%
41	5.847	1486	1495	1513	rVB8	5810	12191	1.52%	0.116%
42	5.995	1528	1541	1569	rBV	189168	389333	48.49%	3.712%
43	6.188	1598	1601	1603	rBV2	206	141	0.02%	0.001%
44	6.297	1632	1635	1637	rBV2	214	147	0.02%	0.001%
45	6.510	1700	1701	1708	rVB	179	106	0.01%	0.001%
46	6.712	1762	1764	1769	rBV2	213	147	0.02%	0.001%
47	6.818	1795	1797	1803	rVB	269	197	0.02%	0.002%
48	6.851	1804	1807	1809	rBV2	150	107	0.01%	0.001%
49	6.921	1818	1829	1848	rBV	90525	167557	20.87%	1.598%
50	7.249	1919	1931	1947	rBV	311752	556929	69.37%	5.311%
51	7.474	1999	2001	2002	rBV	310	123	0.02%	0.001%
52	7.558	2018	2027	2052	rBV2	68238	122101	15.21%	1.164%
53	7.780	2092	2096	2097	rBV	571	351	0.04%	0.003%
54	7.867	2121	2123	2124	rBV	312	143	0.02%	0.001%
55	8.034	2165	2175	2214	rBV	205978	379777	47.30%	3.621%
56	8.584	2344	2346	2348	rBV	263	141	0.02%	0.001%
57	8.645	2357	2365	2368	rBV	380	417	0.05%	0.004%
58	8.789	2399	2410	2439	rBV	425832	694227	86.47%	6.620%
59	8.953	2452	2461	2475	rBV	64053	102804	12.80%	0.980%
60	9.079	2488	2500	2517	rBV	208116	336650	41.93%	3.210%
61	9.223	2542	2545	2553	rVB	5913	4041	0.50%	0.039%
62	9.336	2577	2580	2584	rBV2	276	199	0.02%	0.002%
63	9.484	2614	2626	2646	rBV	112457	177624	22.12%	1.694%
64	9.641	2673	2675	2681	rBV2	496	292	0.04%	0.003%
65	9.793	2720	2722	2724	rBV	176	75	0.01%	0.001%
66	9.876	2736	2748	2760	rBV3	8313	12762	1.59%	0.122%
67	9.947	2764	2770	2775	rBV2	352	464	0.06%	0.004%
68	10.059	2798	2805	2809	rBV2	496	551	0.07%	0.005%
69	10.082	2809	2812	2814	rBV	238	172	0.02%	0.002%
70	10.159	2824	2836	2855	rBV	303805	469433	58.47%	4.476%
71	10.297	2870	2879	2898	rVB	25214	39728	4.95%	0.379%
72	10.391	2898	2908	2927	rBV	135320	303491	37.80%	2.894%
73	10.484	2928	2937	2952	rVB	78825	121765	15.17%	1.161%
74	10.583	2966	2968	2971	rBV	387	182	0.02%	0.002%
75	10.645	2979	2987	2988	rBV3	3071	2965	0.37%	0.028%
76	10.680	2989	2998	3016	rVB	101308	154913	19.29%	1.477%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031572.D
Acq On : 16 Jun 2023 13:37
Operator : SY/MD
Sample : 03249-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS4DL

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\SFAMVLM061423WMA.M
Title : VOC Analysis

77	10.780	3025	3029	3032	rBV2	501	376	0.05%	0.004%
78	10.857	3042	3053	3072	rBV	454923	676009	84.20%	6.446%
79	11.108	3125	3131	3133	rBV3	624	661	0.08%	0.006%
80	11.137	3133	3140	3146	rVV5	5209	7972	0.99%	0.076%
81	11.191	3146	3157	3173	rVV	524835	802884	100.00%	7.656%
82	11.278	3175	3184	3202	rVB	134131	206355	25.70%	1.968%
83	11.471	3234	3244	3254	rBV	53007	84358	10.51%	0.804%
84	11.567	3264	3274	3294	rVB	450583	726306	90.46%	6.926%
85	11.767	3328	3336	3347	rVB2	5142	6516	0.81%	0.062%
86	11.866	3355	3367	3382	rBV	284705	492619	61.36%	4.697%
87	12.233	3477	3481	3482	rBV2	432	260	0.03%	0.002%
88	12.262	3485	3490	3498	rVB2	4324	5393	0.67%	0.051%
89	12.323	3504	3509	3511	rBV3	789	797	0.10%	0.008%
90	12.410	3529	3536	3550	rVB	10719	15549	1.94%	0.148%
91	12.468	3550	3554	3557	rBV3	246	219	0.03%	0.002%
92	12.825	3655	3665	3675	rVB4	11213	17021	2.12%	0.162%
93	12.989	3710	3716	3724	rBV4	2532	3110	0.39%	0.030%
94	13.079	3741	3744	3746	rBV2	411	215	0.03%	0.002%
95	13.448	3851	3859	3870	rVB2	11613	17646	2.20%	0.168%
96	14.869	4297	4301	4302	rBV2	773	569	0.07%	0.005%
97	15.075	4363	4365	4366	rBV	677	347	0.04%	0.003%

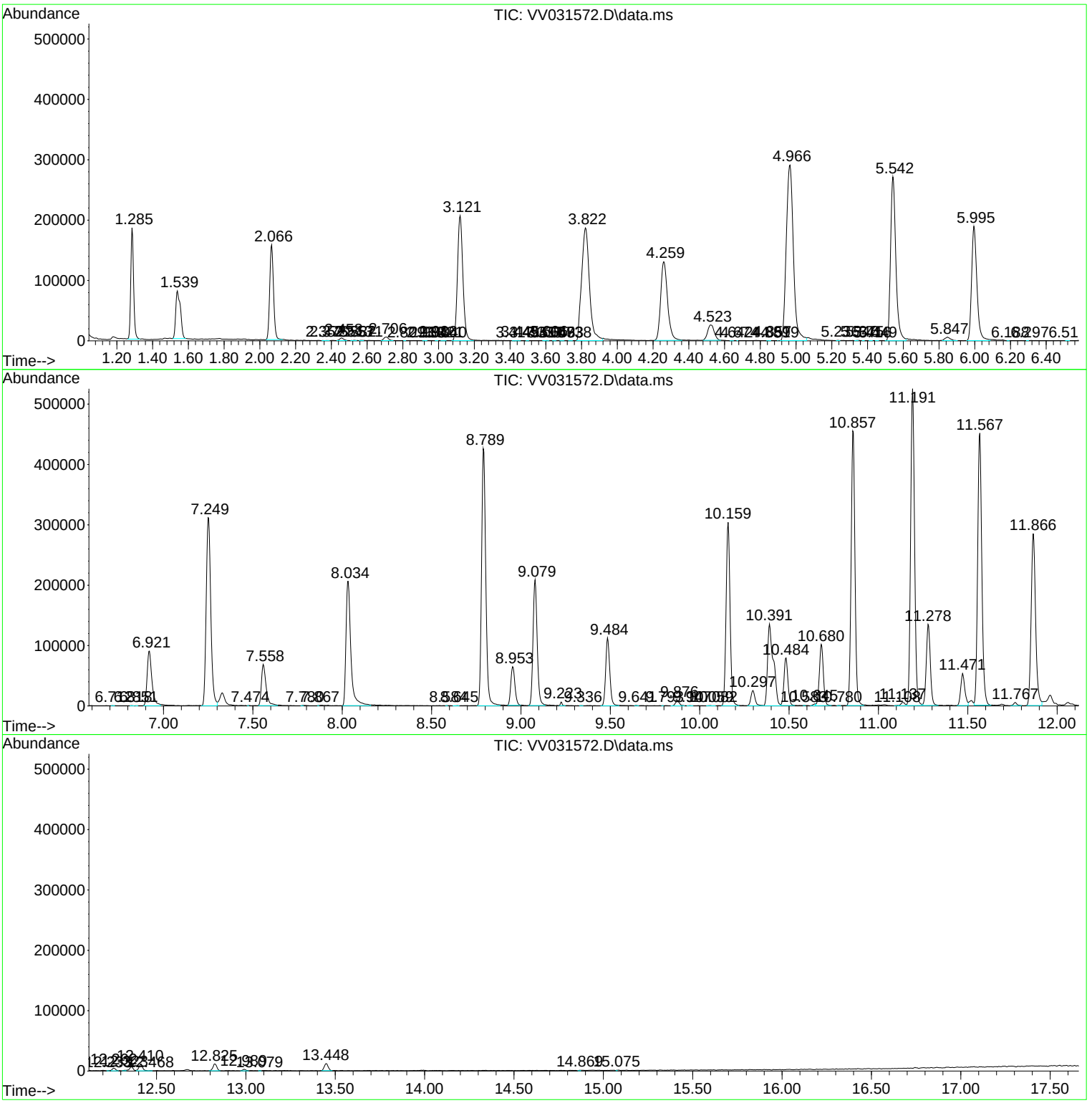
Sum of corrected areas: 10487191

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031572.D
Acq On : 16 Jun 2023 13:37
Operator : SY/MD
Sample : 03249-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS4DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031572.D
Acq On : 16 Jun 2023 13:37
Operator : SY/MD
Sample : 03249-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS4DL

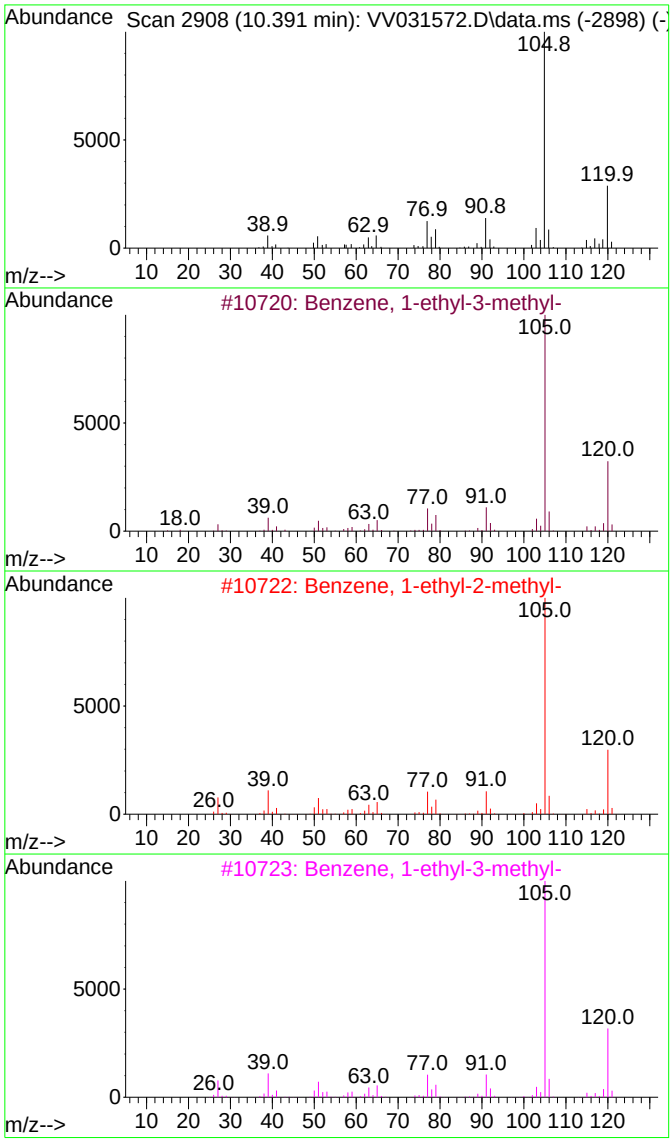
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

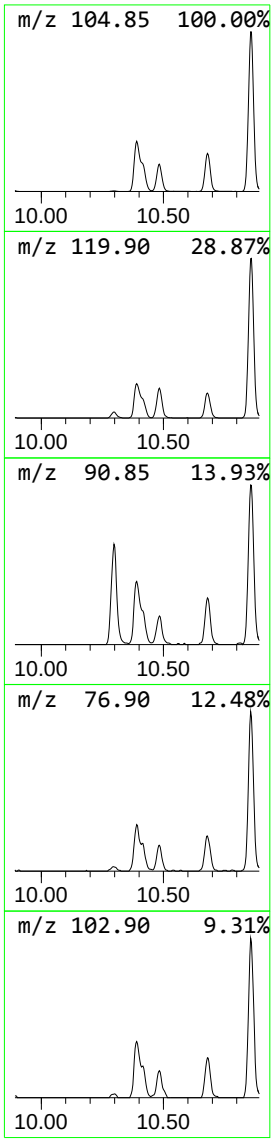
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.391	18.90 ug/L	303491	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031572.D
Acq On : 16 Jun 2023 13:37
Operator : SY/MD
Sample : 03249-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS4DL

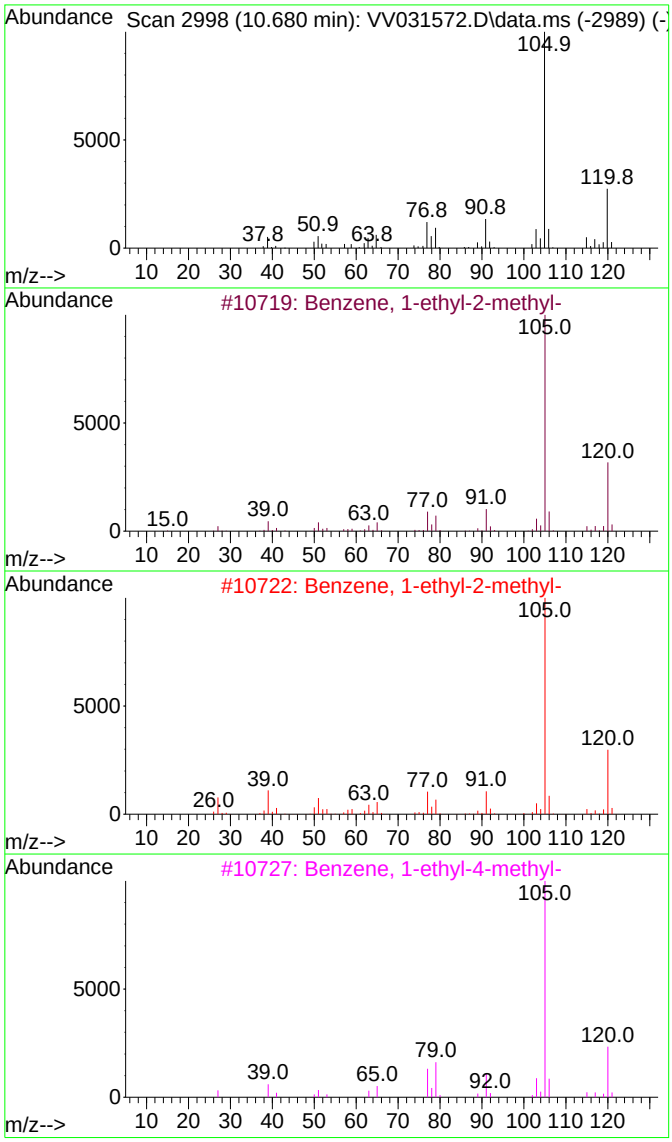
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

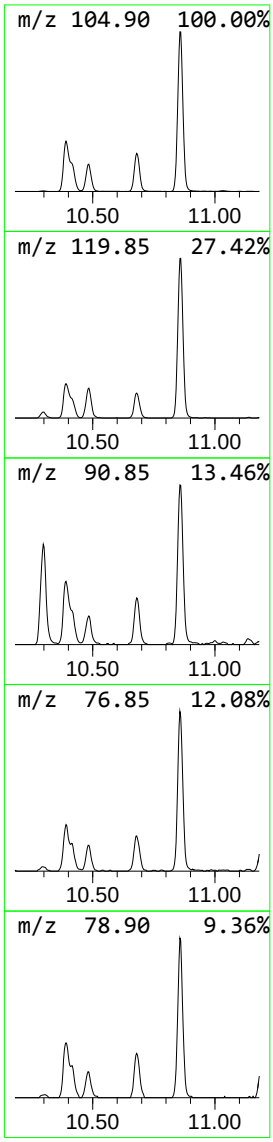
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	9.65 ug/L	154913	1,4-Dichlorobenzene-d4	11.191

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	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031572.D
Acq On : 16 Jun 2023 13:37
Operator : SY/MD
Sample : 03249-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS4DL

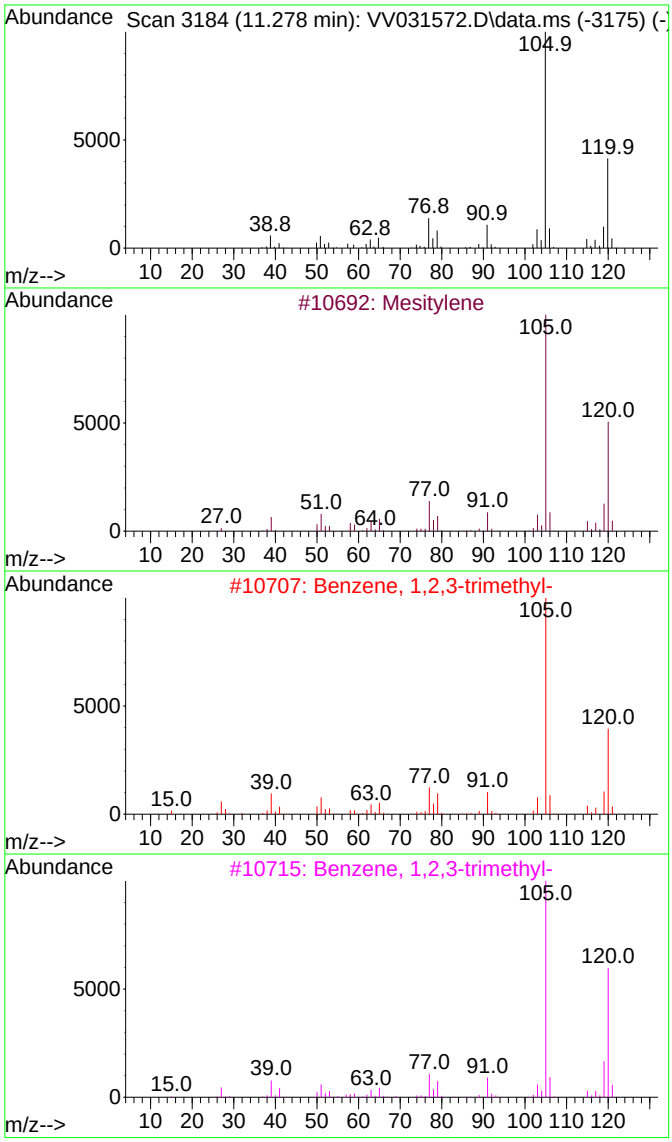
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

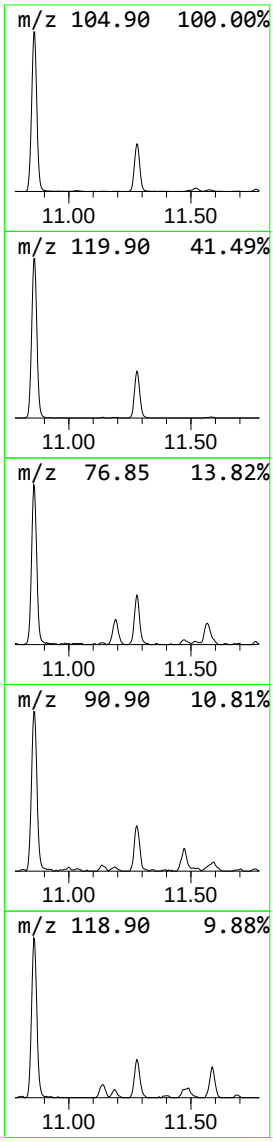
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.278	12.85 ug/L	206355	1,4-Dichlorobenzene-d4	11.191

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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031572.D
Acq On : 16 Jun 2023 13:37
Operator : SY/MD
Sample : 03249-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS4DL

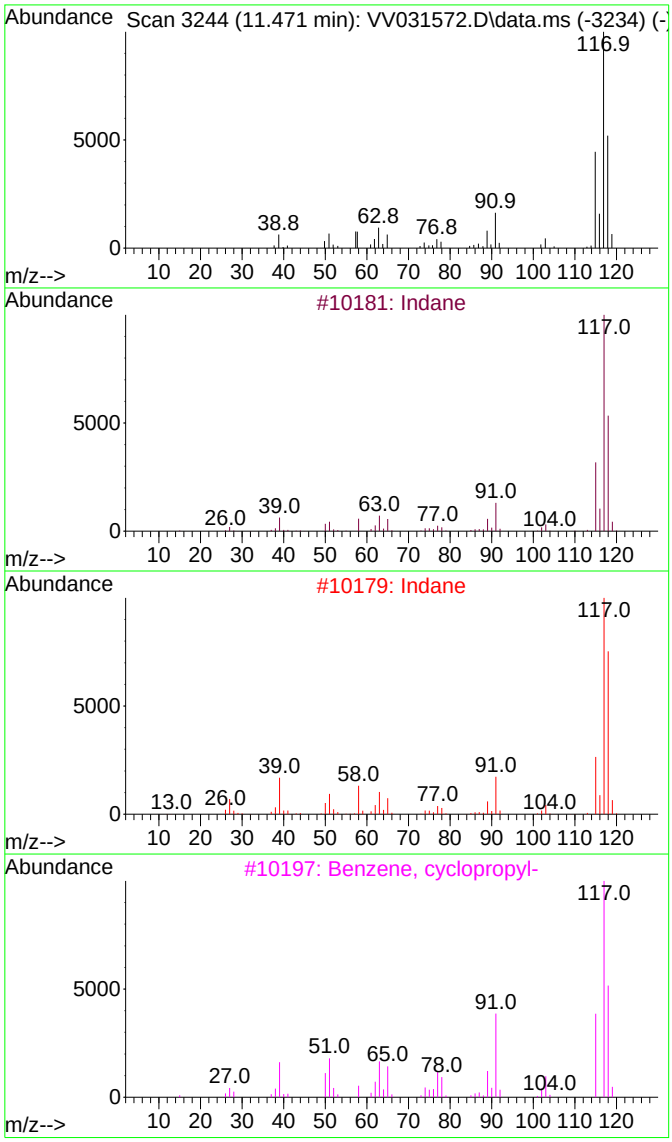
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

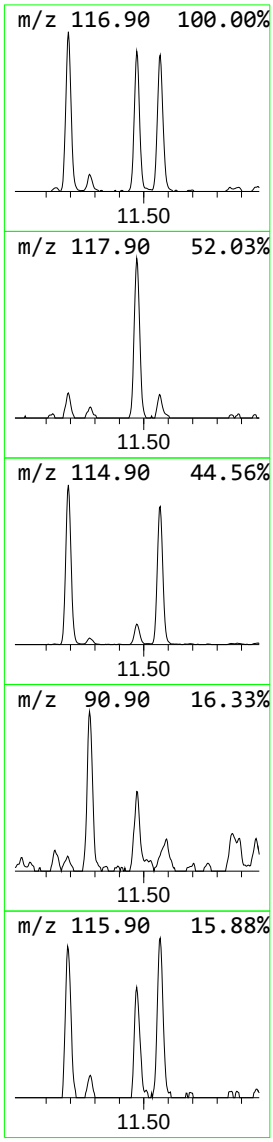
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.471	5.25 ug/L	84358	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Indane	118	C9H10	000496-11-7	76
5	Deltacyclene	118	C9H10	007785-10-6	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031572.D
Acq On : 16 Jun 2023 13:37
Operator : SY/MD
Sample : 03249-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS4DL

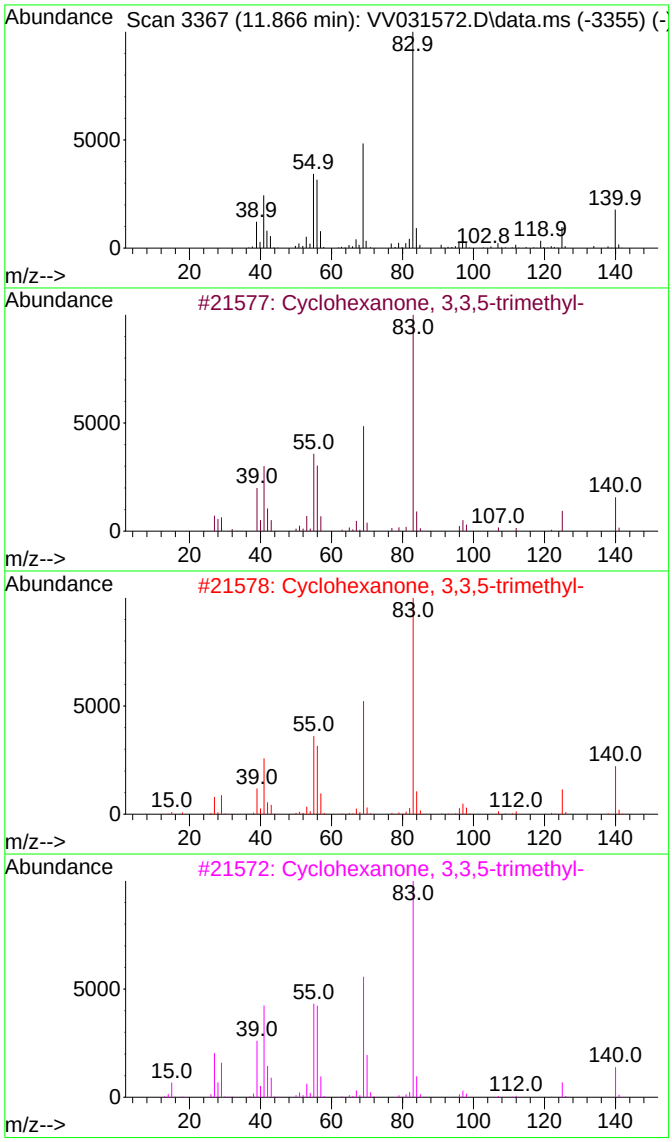
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

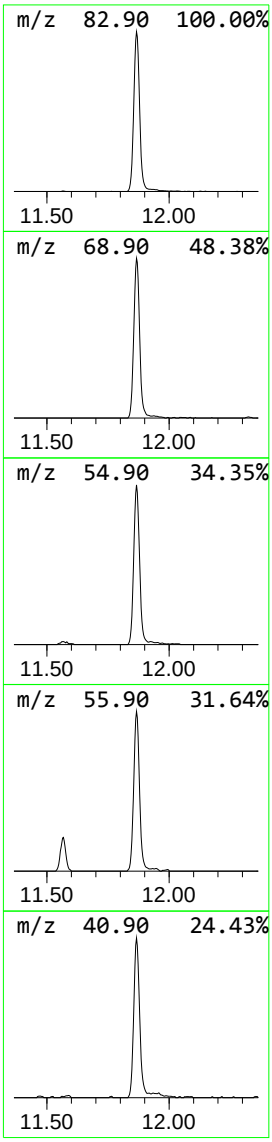
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexanone, 3,3,5-trimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.866	30.68 ug/L	492619	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	97
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
5	Propanedinitrile, dicyclohexyl-	230	C15H22N2	074764-28-6	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061623\
Data File : VV031572.D
Acq On : 16 Jun 2023 13:37
Operator : SY/MD
Sample : 03249-02DL 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS4DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.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...	10.391	18.9	ug/L	303491	3	11.191	802884	50.0
Benzene, 1-ethy...	10.680	9.7	ug/L	154913	3	11.191	802884	50.0
Benzene, 1,2,3-...	11.278	12.9	ug/L	206355	3	11.191	802884	50.0
Indane	11.471	5.3	ug/L	84358	3	11.191	802884	50.0
Cyclohexanone, ...	11.866	30.7	ug/L	492619	3	11.191	802884	50.0