LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031532.D
Acq On : 15 Jun 2023 15:36
Operator : SY/MD
Sample : 03249-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

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: VV031532.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.182	38	44	54	rBV	12125	17709	0.85%	0.189%
2	1.285	69	76	91	rVB2	196052	218022	10.45%	2.332%
3	1.535	148	154	168	rVB2	65883	91500	4.39%	0.979%
4	2.066	309	319	332	rBV2	143164	214438	10.28%	2.294%
5	2.211	361	364	372	rVB2	621	514	0.02%	0.005%
6	2.249	372	376	381	rVB2	515	508	0.02%	0.005%
7	2.458	435	441	447	rVB5	894	1263	0.06%	0.014%
8	2.709	502	519	533	rBV4	9108	17506	0.84%	0.187%
9	3.121	631	647	669	rBV	259284	544639	26.12%	5.825%
10	3.297	698	702	709	rVB2	568	577	0.03%	0.006%
11	3.558	777	783	786	rBV2	384	375	0.02%	0.004%
12	3.821	848	865	905	rBV2	830634	2085396	100.00%	22.304%
13	4.259	986	1001	1025	rVV	106632	280590	13.45%	3.001%
14	4.445	1055	1059	1061	rBV3	520	404	0.02%	0.004%
15	4.522	1065	1083	1118	rVB2	155344	402718	19.31%	4.307%
16	4.966	1204	1221	1248	rBV2	249917	664045	31.84%	7.102%
17	5.239	1304	1306	1310	rVB2	576	383	0.02%	0.004%
18	5.403	1354	1357	1362	rBV4	545	563	0.03%	0.006%
19	5.542	1388	1400	1423	rBV	198044	409704	19.65%	4.382%
20	5.844	1479	1494	1516	rBV2	48511	100363	4.81%	1.073%
21	5.995	1527	1541	1557	rBV	152373	316713	15.19%	3.387%
22	6.185	1597	1600	1603	rVB2	755	526	0.03%	0.006%
23	6.400	1662	1667	1674	rBV4	534	731	0.04%	0.008%
24	6.561	1711	1717	1720	rBV2	646	650	0.03%	0.007%
25	6.799	1787	1791	1798	rVB3	282	391	0.02%	0.004%
26	6.844	1802	1805	1812	rVB2	626	477	0.02%	0.005%
27	6.921	1817	1829	1858	rBV	76251	147357	7.07%	1.576%
28	7.198	1904	1915	1920	rBV8	3702	6378	0.31%	0.068%
29	7.252	1921	1932	1949	rBV	258618	450325	21.59%	4.816%
30	7.455	1990	1995	1999	rVB3	761	642	0.03%	0.007%
31	7.561	2018	2028	2053	rBV	57752	110647	5.31%	1.183%
32	7.722	2072	2078	2088	rVB6	1973	2644	0.13%	0.028%
33	7.789	2092	2099	2102	rBV5	1189	1276	0.06%	0.014%
34	7.911	2118	2137	2158	rBV	147125	253816	12.17%	2.715%
35	8.034	2165	2175	2202	rBV	204868	366415	17.57%	3.919%
36	8.226	2226	2235	2247	rVB4	7631	13811	0.66%	0.148%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031532.D
Acq On : 15 Jun 2023 15:36
Operator : SY/MD
Sample : 03249-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

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	8.284	2247	2253	2254	rBV3	3054	2710	0.13%	0.029%
38	8.538	2325	2332	2335	rBV4	614	733	0.04%	0.008%
39	8.638	2360	2363	2367	rBV2	434	452	0.02%	0.005%
40	8.792	2399	2411	2431	rBV	310419	511651	24.53%	5.472%
41	8.960	2455	2463	2475	rVB3	5261	8362	0.40%	0.089%
42	9.040	2483	2488	2489	rBV4	796	597	0.03%	0.006%
43	9.091	2496	2504	2512	rVB6	4063	7275	0.35%	0.078%
44	9.255	2548	2555	2557	rBV4	1431	1346	0.06%	0.014%
45	9.413	2593	2604	2605	rBV4	2241	2975	0.14%	0.032%
46	9.490	2620	2628	2636	rBV4	4278	6036	0.29%	0.065%
47	9.612	2660	2666	2668	rBV3	1116	1026	0.05%	0.011%
48	9.644	2669	2676	2688	rVV6	7986	12570	0.60%	0.134%
49	9.738	2698	2705	2716	rBV7	3910	6024	0.29%	0.064%
50	9.876	2739	2748	2759	rBV3	2774	4201	0.20%	0.045%
51	9.966	2771	2776	2782	rVB4	947	1001	0.05%	0.011%
52	10.069	2799	2808	2815	rVB8	3885	5638	0.27%	0.060%
53	10.159	2824	2836	2855	rBV	252615	397307	19.05%	4.249%
54	10.297	2870	2879	2887	rBV	13605	21693	1.04%	0.232%
55	10.394	2902	2909	2916	rBV4	5129	9826	0.47%	0.105%
56	10.484	2928	2937	2949	rBV	20999	31135	1.49%	0.333%
57	10.680	2989	2998	3013	rVV	56982	86477	4.15%	0.925%
58	10.808	3033	3038	3039	rBV	762	571	0.03%	0.006%
59	10.860	3044	3054	3068	rVB	33952	50944	2.44%	0.545%
60	10.937	3075	3078	3081	rBV3	562	424	0.02%	0.005%
61	10.963	3085	3086	3091	rVB4	1008	596	0.03%	0.006%
62	11.004	3091	3099	3102	rBV2	2364	3146	0.15%	0.034%
63	11.033	3102	3108	3119	rVB	6359	8942	0.43%	0.096%
64	11.140	3131	3141	3147	rBV3	10511	15493	0.74%	0.166%
65	11.191	3147	3157	3175	rVV	340183	526500	25.25%	5.631%
66	11.281	3178	3185	3195	rVB2	11469	16974	0.81%	0.182%
67	11.397	3215	3221	3230	rBV7	2500	3231	0.15%	0.035%
68	11.474	3235	3245	3246	rBV3	18764	20433	0.98%	0.219%
69	11.567	3264	3274	3299	rVB	339423	567491	27.21%	6.070%
70	11.693	3304	3313	3322	rVB5	5675	8604	0.41%	0.092%
71	11.763	3325	3335	3349	rBV	16339	24195	1.16%	0.259%
72	11.863	3354	3366	3385	rBV5	21173	56737	2.72%	0.607%
73	11.959	3389	3396	3416	rVB2	20258	38312	1.84%	0.410%
74	12.059	3417	3427	3432	rBV2	10717	17008	0.82%	0.182%
75	12.204	3460	3472	3478	rBV8	3846	6679	0.32%	0.071%
76	12.252	3480	3487	3498	rVB9	3716	6673	0.32%	0.071%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031532.D
Acq On : 15 Jun 2023 15:36
Operator : SY/MD
Sample : 03249-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

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	12.326	3505	3510	3511	rBV3	1861	1445	0.07%	0.015%
78	12.358	3514	3520	3528	rVV2	10174	14573	0.70%	0.156%
79	12.410	3528	3536	3547	rVB2	17067	25602	1.23%	0.274%
80	12.500	3556	3564	3570	rBV7	3996	5555	0.27%	0.059%
81	12.586	3586	3591	3593	rBV4	1198	1082	0.05%	0.012%
82	12.635	3601	3606	3612	rBV6	1709	2343	0.11%	0.025%
83	12.673	3614	3618	3623	rVB5	3008	3290	0.16%	0.035%
84	12.741	3633	3639	3645	rVB5	922	1102	0.05%	0.012%
85	12.795	3647	3656	3657	rBV4	1961	1876	0.09%	0.020%
86	12.828	3657	3666	3676	rVB4	19704	31018	1.49%	0.332%
87	12.895	3681	3687	3696	rVB5	1867	2592	0.12%	0.028%
88	12.950	3700	3704	3709	rVV4	1141	964	0.05%	0.010%
89	12.988	3709	3716	3725	rVB4	7019	10374	0.50%	0.111%
90	13.210	3777	3785	3792	rBV9	3405	5219	0.25%	0.056%
91	13.313	3812	3817	3823	rBV3	869	1036	0.05%	0.011%
92	13.448	3851	3859	3867	rVV	10655	15903	0.76%	0.170%
93	13.766	3953	3958	3961	rBV2	611	555	0.03%	0.006%
94	14.178	4081	4086	4087	rBV2	575	404	0.02%	0.004%
95	14.377	4144	4148	4152	rBV3	863	907	0.04%	0.010%
96	14.422	4160	4162	4170	rBV4	474	533	0.03%	0.006%
97	14.580	4206	4211	4223	rVB3	2592	3541	0.17%	0.038%
98	14.763	4261	4268	4273	rBV4	1992	2547	0.12%	0.027%
99	14.918	4311	4316	4319	rBV4	507	474	0.02%	0.005%
100	16.027	4658	4661	4663	rBV3	1236	749	0.04%	0.008%

Sum of corrected areas: 9349688

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031532.D
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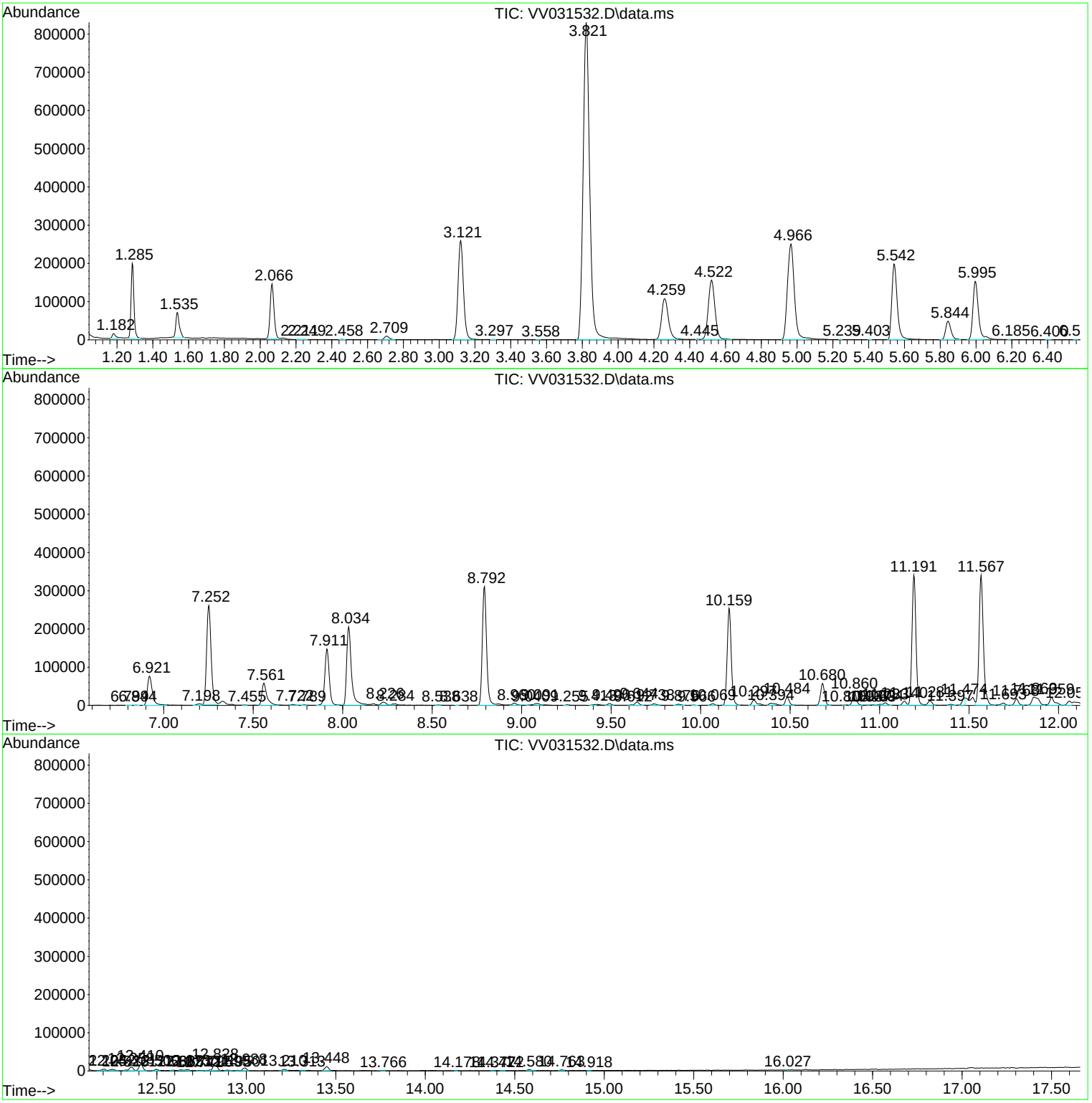
Sample : 03249-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

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\VV061523\
Data File : VV031532.D
Acq On : 15 Jun 2023 15:36
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

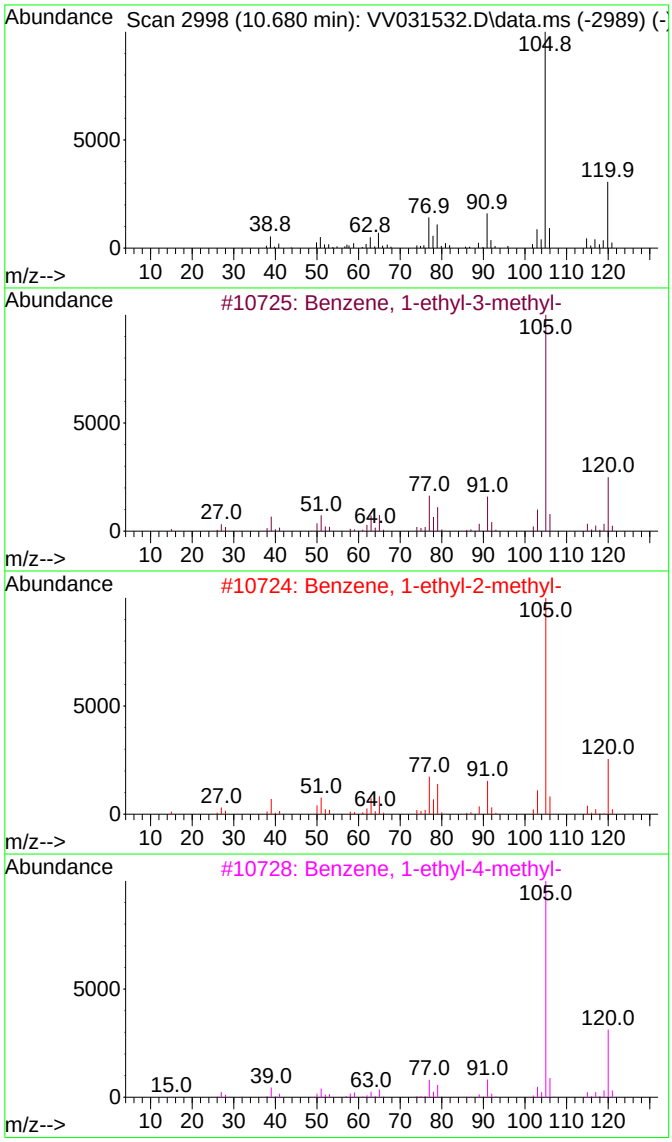
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

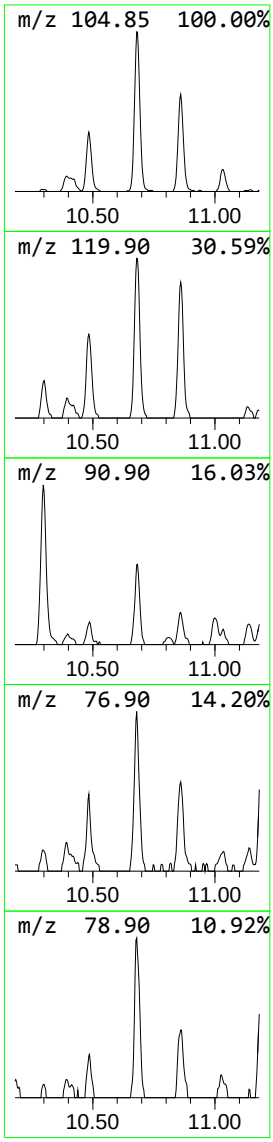
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	8.21 ug/L	86477	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	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031532.D
Acq On : 15 Jun 2023 15:36
Operator : SY/MD
Sample : 03249-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

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

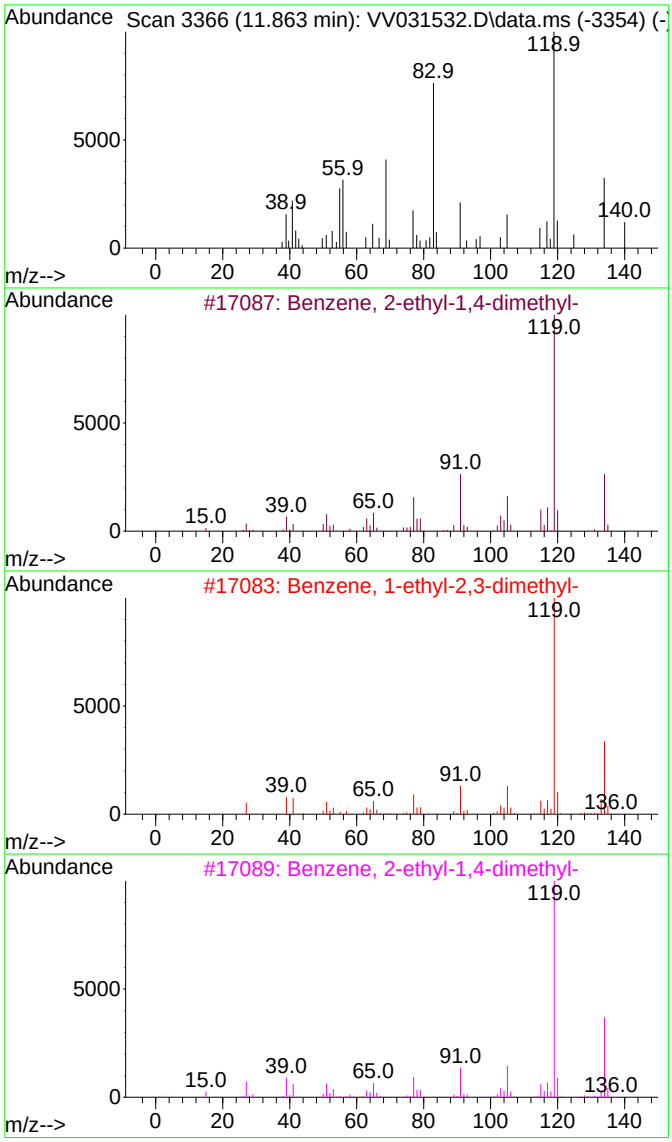
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

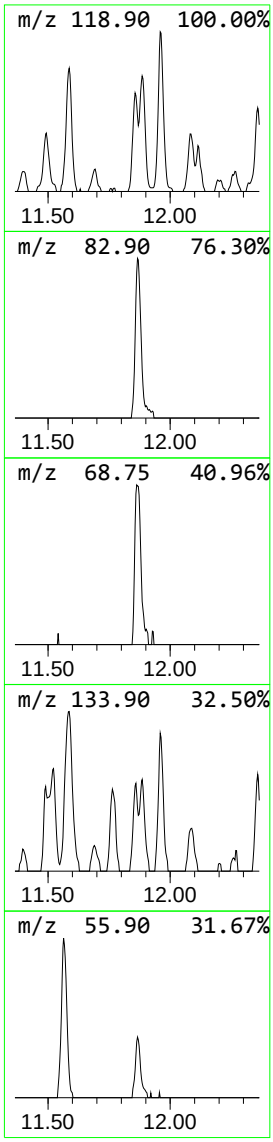
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	5.39 ug/L	56737	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	45
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	45
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	45
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43
5	o-Cymene	134	C10H14	000527-84-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031532.D
Acq On : 15 Jun 2023 15:36
Operator : SY/MD
Sample : 03249-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

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

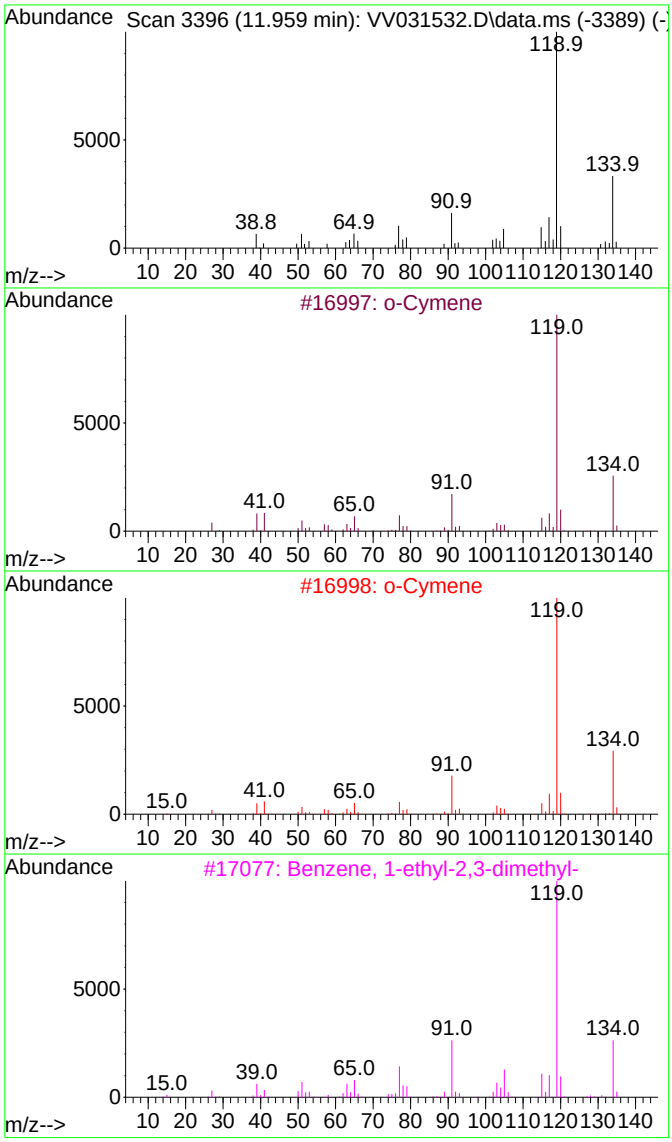
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

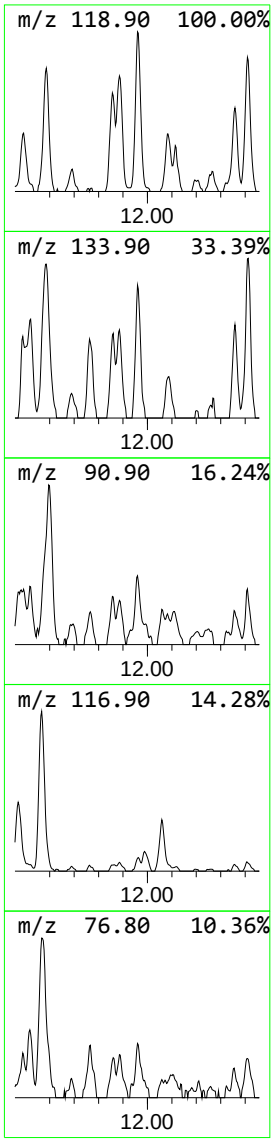
****

Peak Number 4 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.959	3.64 ug/L	38312	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031532.D
Acq On : 15 Jun 2023 15:36
Operator : SY/MD
Sample : 03249-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

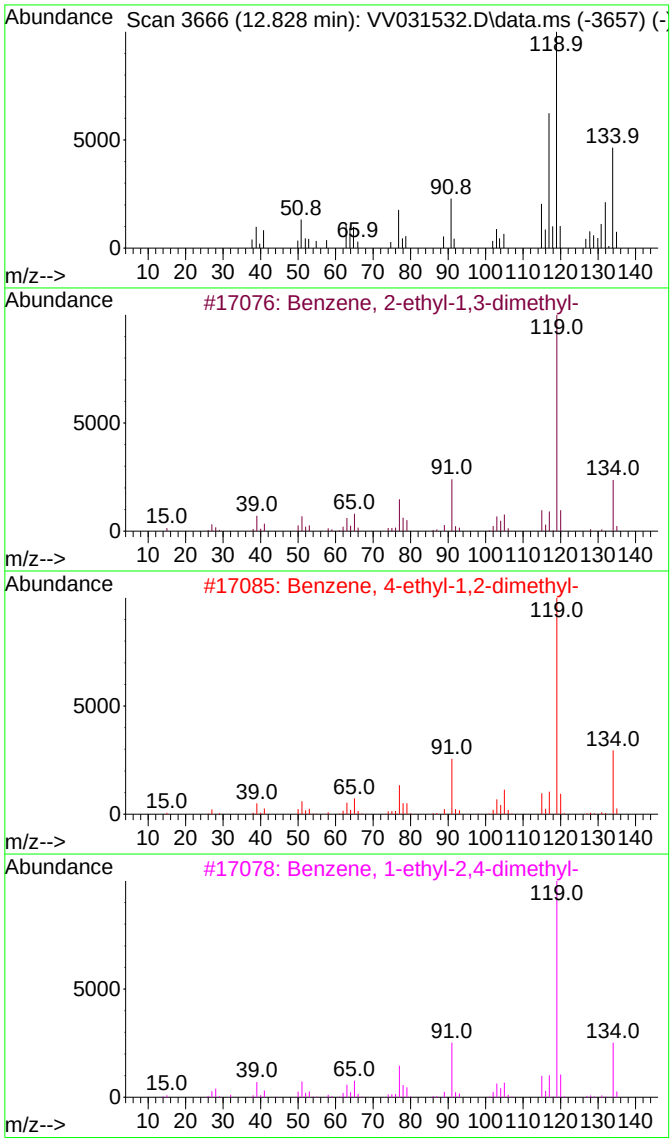
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

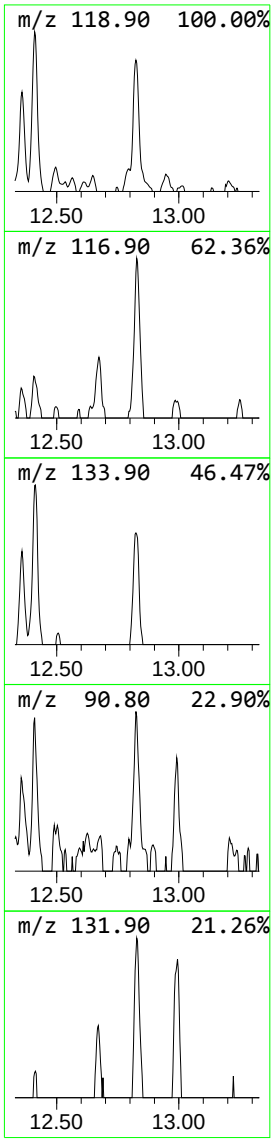
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	2.95 ug/L	31018	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	53
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	53
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
5	o-Cymene	134	C10H14	000527-84-4	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031532.D
Acq On : 15 Jun 2023 15:36
Operator : SY/MD
Sample : 03249-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT0

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...	10.680	8.2	ug/L	86477	3	11.191	526500	50.0
unknown-01	11.863	5.4	ug/L	56737	3	11.191	526500	50.0
o-Cymene	11.959	3.6	ug/L	38312	3	11.191	526500	50.0
Benzene, 2-ethy...	12.828	3.0	ug/L	31018	3	11.191	526500	50.0