LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028462.D
Acq On : 09 Oct 2022 01:27
Operator : SY/MD
Sample : N4923-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10016

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\SFAMVLM100722WMA.M
Title : VOC Analysis

Signal : TIC: VV028462.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	76	82	101	rVB	142195	148110	10.89%	1.215%
2	2.105	323	331	345	rVB	267817	388575	28.56%	3.188%
3	2.863	565	567	568	rBV	610	242	0.02%	0.002%
4	2.912	579	582	584	rBV3	713	478	0.04%	0.004%
5	3.307	703	705	706	rBV2	779	309	0.02%	0.003%
6	3.355	717	720	722	rBV3	567	371	0.03%	0.003%
7	3.407	733	736	737	rBV	495	283	0.02%	0.002%
8	3.445	744	748	754	rVB4	447	421	0.03%	0.003%
9	3.474	754	757	759	rBV2	539	347	0.03%	0.003%
10	3.519	768	771	773	rVV4	506	308	0.02%	0.003%
11	3.664	812	816	818	rBV2	385	285	0.02%	0.002%
12	3.693	820	825	830	rVB5	713	717	0.05%	0.006%
13	3.764	842	847	848	rBV2	518	416	0.03%	0.003%
14	3.793	854	856	857	rBV2	424	228	0.02%	0.002%
15	3.834	866	869	871	rBV2	735	494	0.04%	0.004%
16	3.902	878	890	920	rBV	61991	257284	18.91%	2.111%
17	4.342	1014	1027	1056	rVB	206348	505984	37.19%	4.151%
18	4.654	1120	1124	1127	rBV5	1054	754	0.06%	0.006%
19	4.709	1139	1141	1145	rBV3	380	245	0.02%	0.002%
20	4.822	1173	1176	1178	rBV3	389	235	0.02%	0.002%
21	5.040	1228	1244	1281	rBV2	517106	1360631	100.00%	11.163%
22	5.330	1331	1334	1336	rBV3	853	535	0.04%	0.004%
23	5.355	1339	1342	1345	rBV3	631	432	0.03%	0.004%
24	5.474	1374	1379	1382	rVB5	950	762	0.06%	0.006%
25	5.490	1382	1384	1386	rBV	636	387	0.03%	0.003%
26	5.555	1399	1404	1406	rBV4	392	359	0.03%	0.003%
27	5.612	1409	1422	1446	rBV	425151	862623	63.40%	7.077%
28	5.867	1498	1501	1506	rBV3	1084	838	0.06%	0.007%
29	5.908	1507	1514	1519	rBV5	2301	3795	0.28%	0.031%
30	6.066	1548	1563	1598	rBV	294611	616490	45.31%	5.058%
31	6.317	1639	1641	1642	rBV	644	271	0.02%	0.002%
32	6.349	1649	1651	1653	rBV3	526	224	0.02%	0.002%
33	6.416	1669	1672	1673	rBV	462	274	0.02%	0.002%
34	6.452	1681	1683	1685	rBV2	730	377	0.03%	0.003%
35	6.465	1685	1687	1688	rVV	432	220	0.02%	0.002%
36	6.490	1692	1695	1696	rBV	392	241	0.02%	0.002%

LSC Area Percent Report

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Operator : SY/MD
Sample : N4923-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10016

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\SFAMVLM100722WMA.M
Title : VOC Analysis

37	6.500	1696	1698	1701	rVV4	575	251	0.02%	0.002%
38	6.715	1762	1765	1768	rVB4	565	301	0.02%	0.002%
39	6.982	1836	1848	1879	rBV	172255	328530	24.15%	2.695%
40	7.310	1939	1950	1970	rBV	636912	1097979	80.70%	9.008%
41	7.619	2036	2046	2070	rBV	117136	218330	16.05%	1.791%
42	7.799	2101	2102	2106	rVB4	545	256	0.02%	0.002%
43	7.821	2106	2109	2110	rBV	582	314	0.02%	0.003%
44	7.934	2134	2144	2155	rBV2	8654	15636	1.15%	0.128%
45	8.085	2181	2191	2233	rBV	356584	708224	52.05%	5.810%
46	8.847	2415	2428	2451	rBV	615893	1022031	75.11%	8.385%
47	9.143	2514	2520	2525	rBV6	1771	2419	0.18%	0.020%
48	9.230	2544	2547	2549	rBV2	587	260	0.02%	0.002%
49	9.304	2566	2570	2573	rBV4	783	487	0.04%	0.004%
50	9.358	2584	2587	2588	rBV2	525	248	0.02%	0.002%
51	9.410	2600	2603	2607	rBV2	308	229	0.02%	0.002%
52	9.545	2636	2645	2647	rBV6	1358	1991	0.15%	0.016%
53	9.696	2686	2692	2695	rBV3	712	559	0.04%	0.005%
54	9.715	2695	2698	2702	rVV4	655	498	0.04%	0.004%
55	9.780	2713	2718	2720	rBV4	890	670	0.05%	0.005%
56	9.828	2731	2733	2738	rVB3	571	289	0.02%	0.002%
57	9.870	2743	2746	2747	rBV2	383	216	0.02%	0.002%
58	9.892	2751	2753	2757	rVB4	753	413	0.03%	0.003%
59	9.921	2761	2762	2766	rVB4	549	270	0.02%	0.002%
60	9.944	2766	2769	2771	rBV	466	288	0.02%	0.002%
61	9.995	2783	2785	2788	rBV2	408	233	0.02%	0.002%
62	10.017	2788	2792	2794	rBV2	692	446	0.03%	0.004%
63	10.043	2797	2800	2801	rBV2	526	278	0.02%	0.002%
64	10.207	2836	2851	2873	rBV	405151	650546	47.81%	5.337%
65	10.374	2896	2903	2914	rVB2	10814	17586	1.29%	0.144%
66	10.439	2920	2923	2924	rVB2	605	290	0.02%	0.002%
67	10.474	2932	2934	2940	rVB4	787	580	0.04%	0.005%
68	10.542	2951	2955	2959	rBV4	948	944	0.07%	0.008%
69	10.606	2970	2975	2978	rBV4	584	604	0.04%	0.005%
70	10.699	3002	3004	3007	rBV	517	311	0.02%	0.003%
71	10.734	3011	3015	3017	rBV2	942	813	0.06%	0.007%
72	10.837	3044	3047	3049	rBV2	543	346	0.03%	0.003%
73	11.146	3137	3143	3144	rBV3	742	666	0.05%	0.005%
74	11.175	3144	3152	3161	rVV4	4272	7667	0.56%	0.063%
75	11.239	3161	3172	3195	rBV	669159	1034485	76.03%	8.487%
76	11.522	3251	3260	3273	rBV	22202	36265	2.67%	0.298%

LSC Area Percent Report

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Acq On : 09 Oct 2022 01:27
Operator : SY/MD
Sample : N4923-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10016

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\SFAMVLM100722WMA.M
Title : VOC Analysis

77	11.615	3277	3289	3309	rBV	646124	997231	73.29%	8.181%
78	11.812	3345	3350	3353	rBV5	971	874	0.06%	0.007%
79	11.889	3371	3374	3375	rBV2	393	232	0.02%	0.002%
80	11.911	3379	3381	3383	rBV	609	298	0.02%	0.002%
81	12.107	3438	3442	3449	rBV5	788	940	0.07%	0.008%
82	12.355	3511	3519	3530	rVB7	7597	11668	0.86%	0.096%
83	12.397	3530	3532	3533	rBV2	963	482	0.04%	0.004%
84	12.461	3544	3552	3565	rBV4	12285	23492	1.73%	0.193%
85	12.612	3595	3599	3603	rBV4	860	862	0.06%	0.007%
86	12.715	3625	3631	3642	rVB9	3185	5128	0.38%	0.042%
87	12.795	3649	3656	3659	rBV4	974	1274	0.09%	0.010%
88	12.831	3664	3667	3671	rVB2	889	512	0.04%	0.004%
89	12.873	3671	3680	3694	rBV5	11758	21177	1.56%	0.174%
90	13.037	3727	3731	3732	rBV3	1408	952	0.07%	0.008%
91	13.493	3862	3873	3893	rBV	114295	195048	14.34%	1.600%
92	13.824	3966	3976	3986	rBV2	17839	28618	2.10%	0.235%
93	14.490	4174	4183	4184	rBV5	2075	2229	0.16%	0.018%
94	14.622	4218	4224	4234	rVB2	21576	32557	2.39%	0.267%
95	14.802	4270	4280	4295	rBV	302302	477385	35.09%	3.916%
96	15.348	4442	4450	4466	rVB	98794	151419	11.13%	1.242%
97	15.654	4536	4545	4563	rVB	64478	113374	8.33%	0.930%
98	15.799	4581	4590	4598	rBV2	126058	197535	14.52%	1.621%
99	16.258	4726	4733	4748	rVB	66294	116026	8.53%	0.952%
100	16.467	4789	4798	4817	rVB	317846	502644	36.94%	4.124%

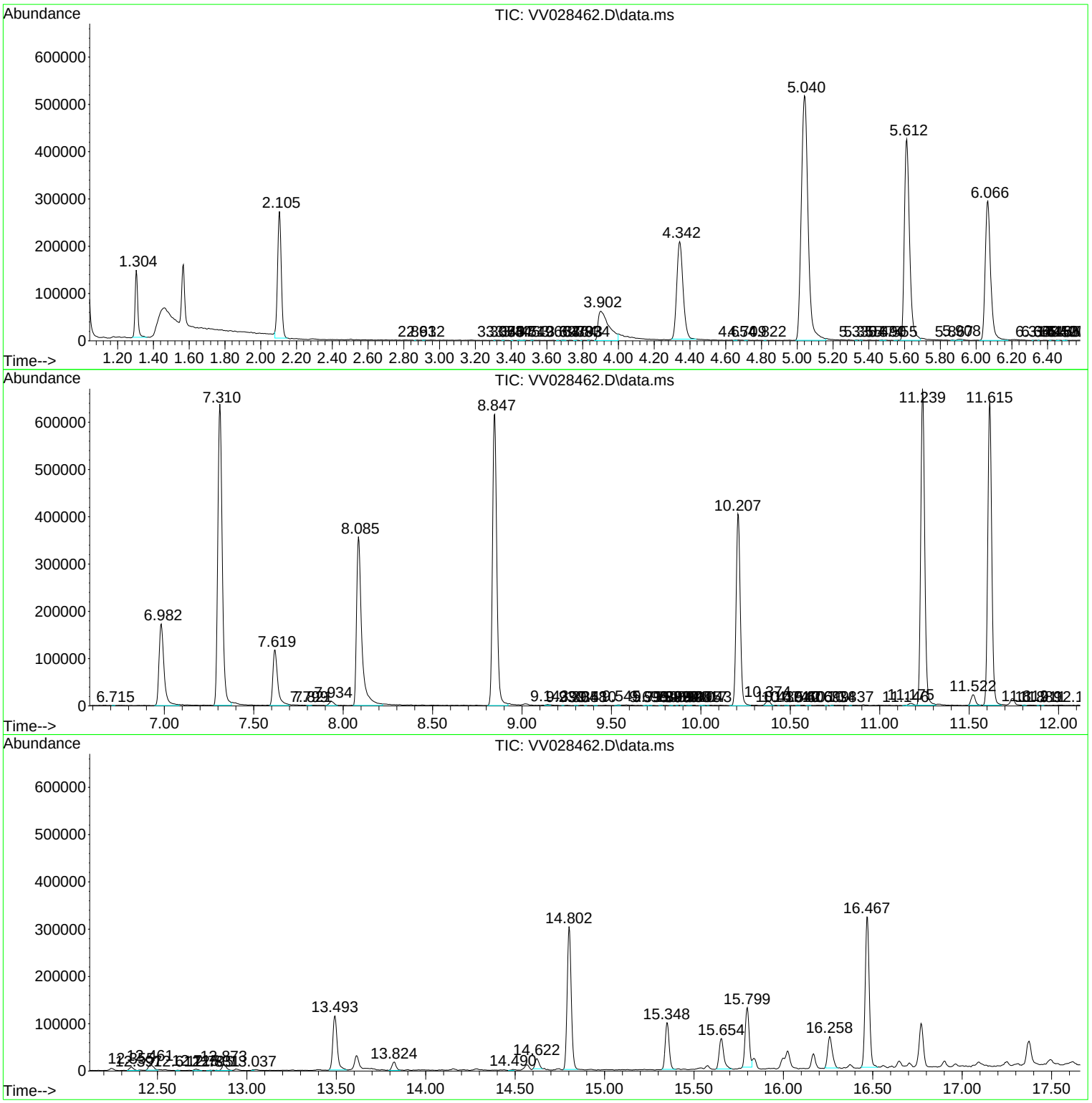
Sum of corrected areas: 12189251

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028462.D
Acq On : 09 Oct 2022 01:27
Operator : SY/MD
Sample : N4923-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10016

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028462.D
Acq On : 09 Oct 2022 01:27
Operator : SY/MD
Sample : N4923-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10016

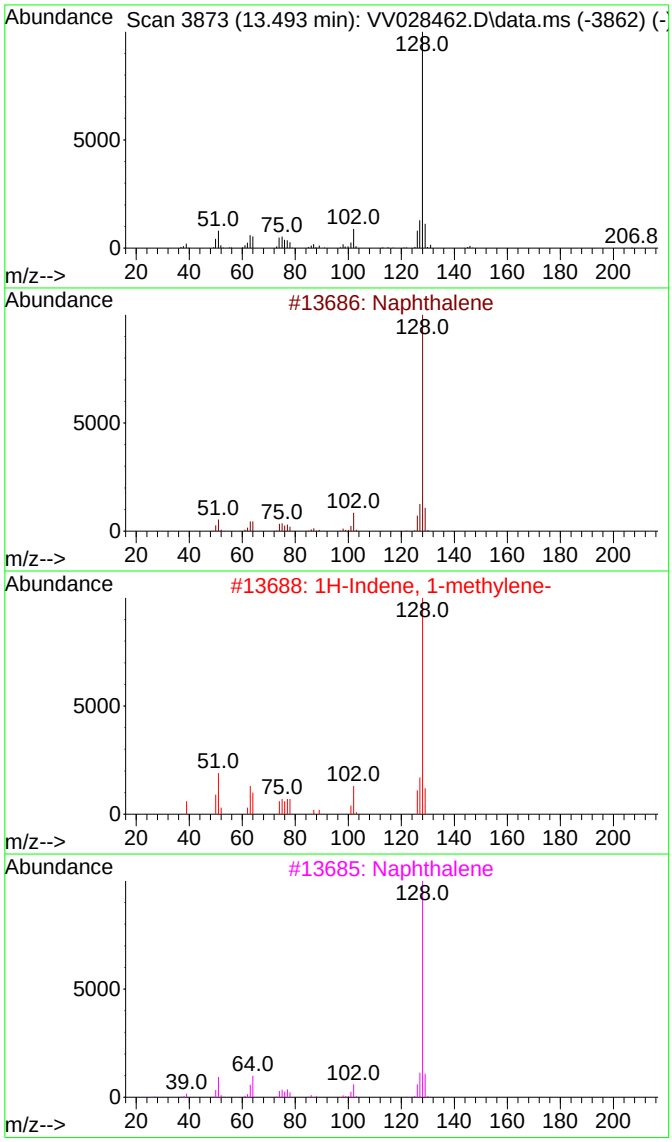
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

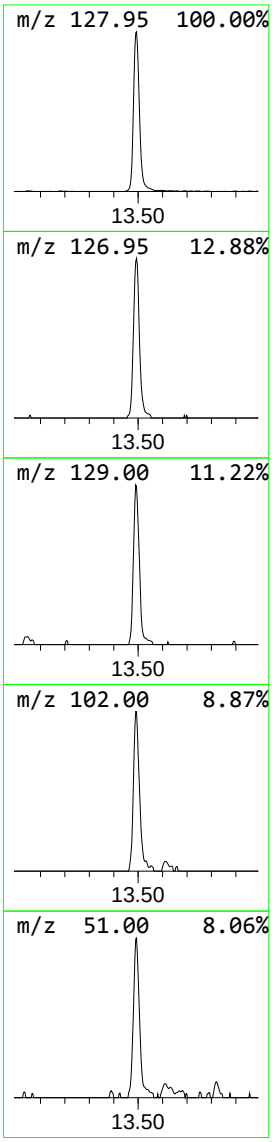
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Azulene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	9.43 ug/L	195048	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	95
3	Naphthalene	128	C10H8	000091-20-3	93
4	Naphthalene	128	C10H8	000091-20-3	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028462.D
Acq On : 09 Oct 2022 01:27
Operator : SY/MD
Sample : N4923-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10016

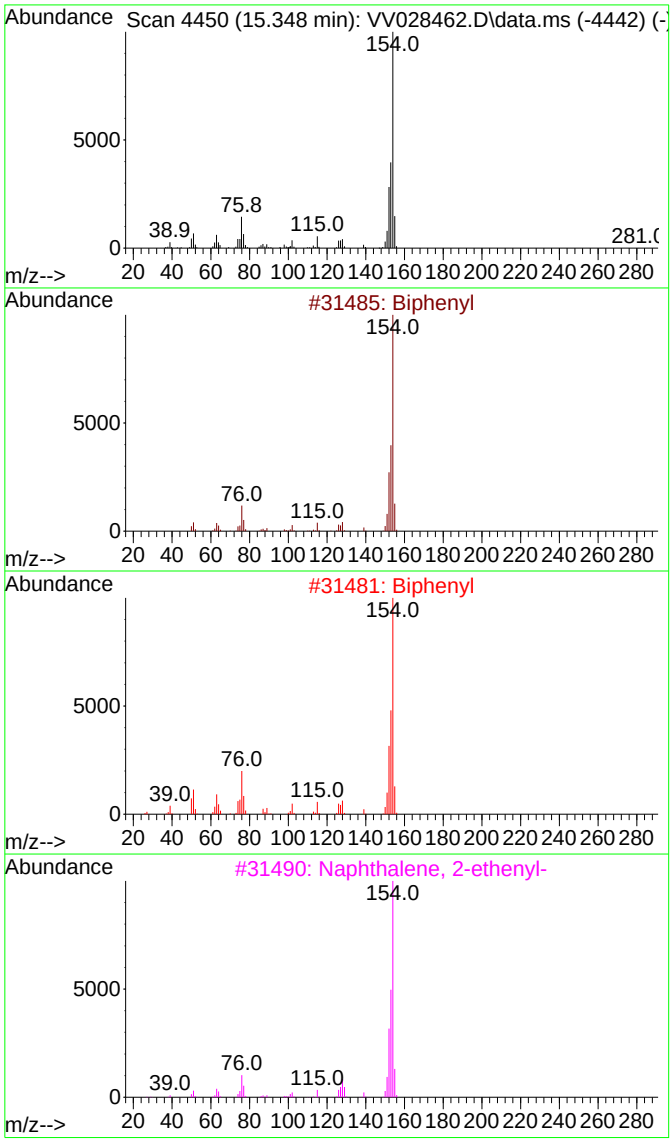
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

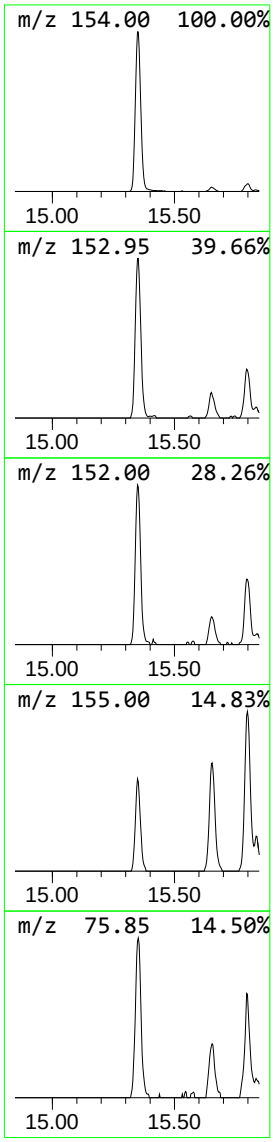
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2-ethenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.348	7.32 ug/L	151419	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	93
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	83
5	Biphenyl	154	C12H10	000092-52-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028462.D
Acq On : 09 Oct 2022 01:27
Operator : SY/MD
Sample : N4923-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10016

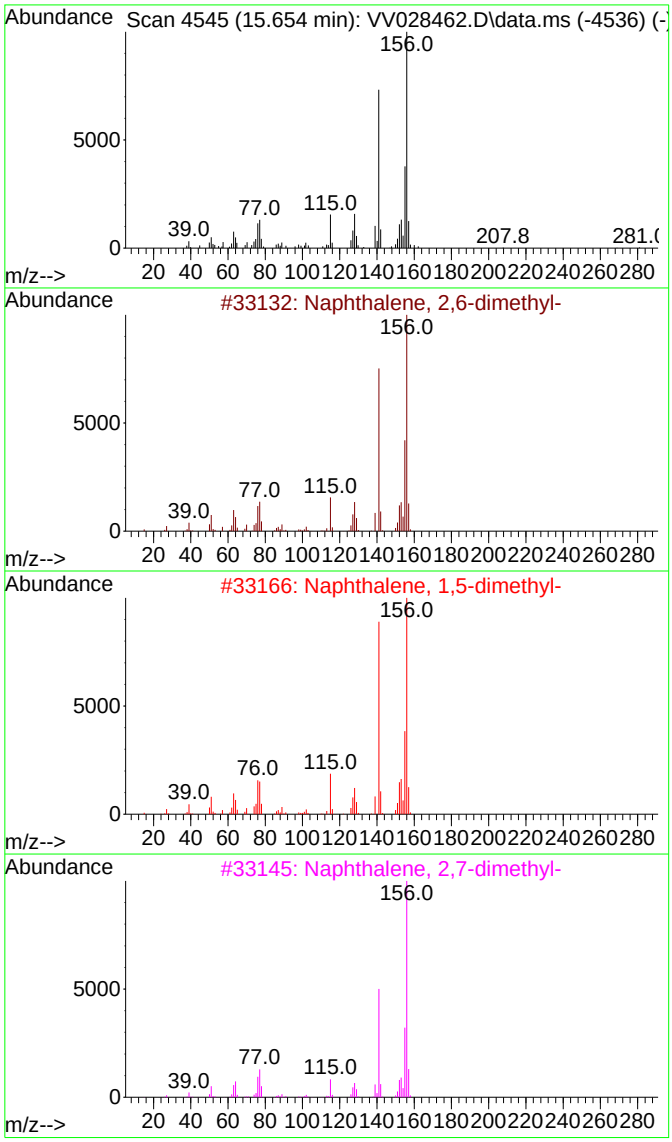
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

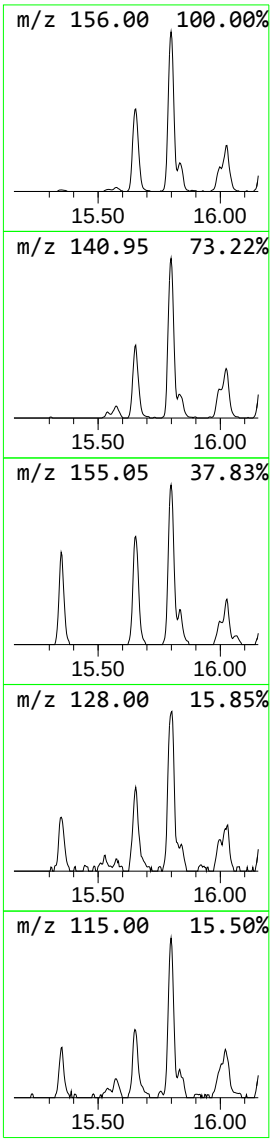
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.654	5.48 ug/L	113374	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028462.D
Acq On : 09 Oct 2022 01:27
Operator : SY/MD
Sample : N4923-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10016

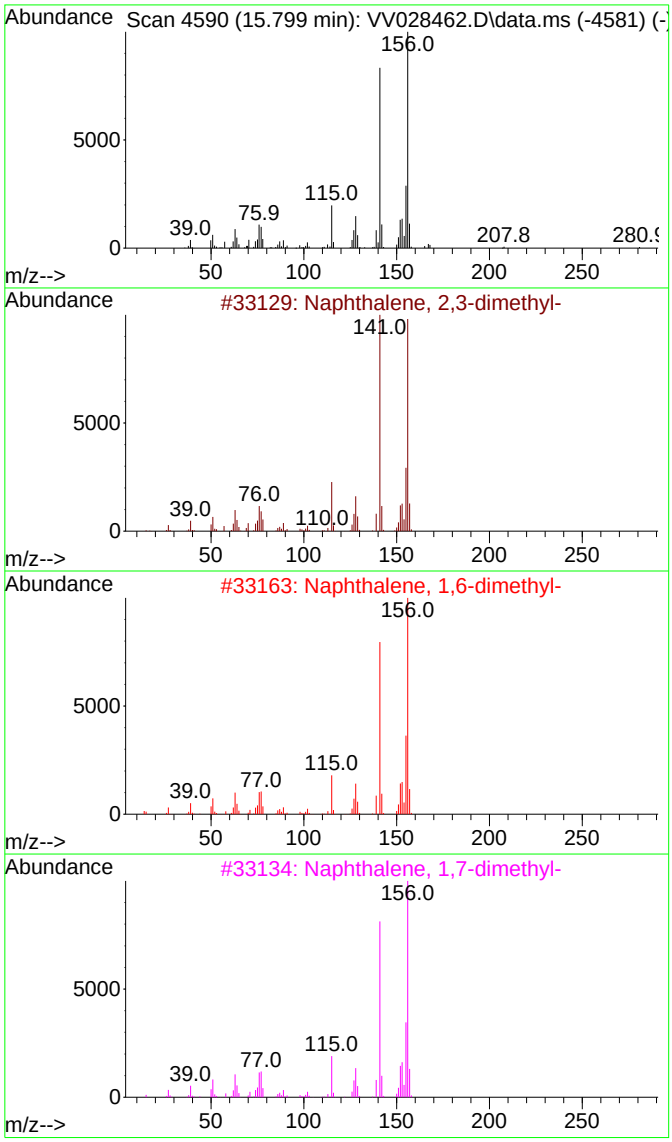
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

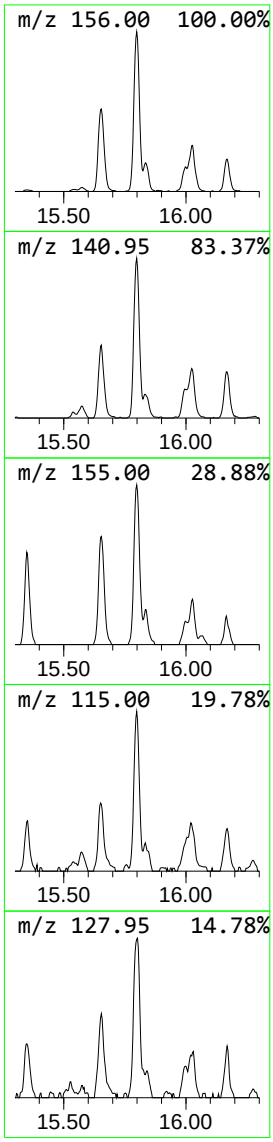
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.799	9.55 ug/L	197535	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028462.D
Acq On : 09 Oct 2022 01:27
Operator : SY/MD
Sample : N4923-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10016

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

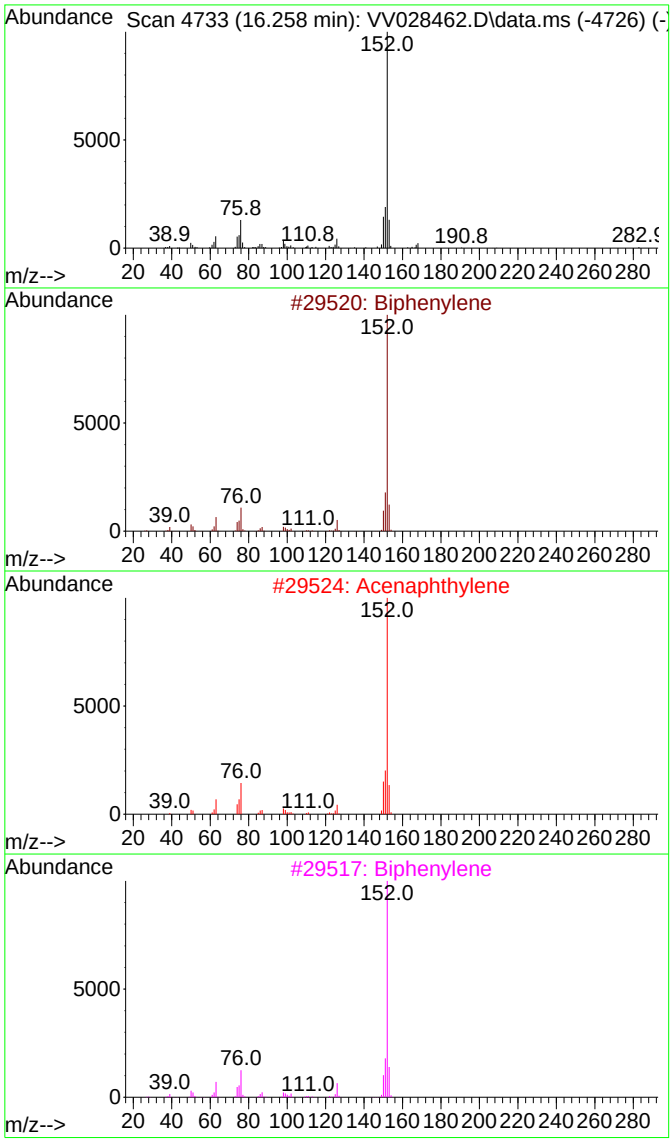
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

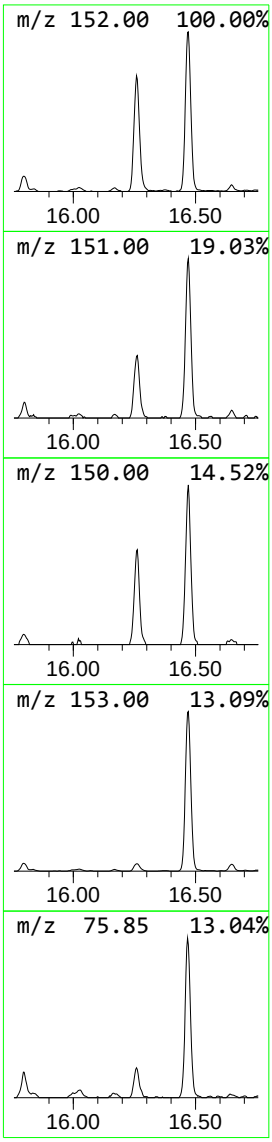
****

Peak Number 7 Biphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.258	5.61 ug/L	116026	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	95
2	Acenaphthylene	152	C12H8	000208-96-8	95
3	Biphenylene	152	C12H8	000259-79-0	91
4	Acenaphthylene	152	C12H8	000208-96-8	87
5	Acenaphthylene	152	C12H8	000208-96-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028462.D
Acq On : 09 Oct 2022 01:27
Operator : SY/MD
Sample : N4923-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10016

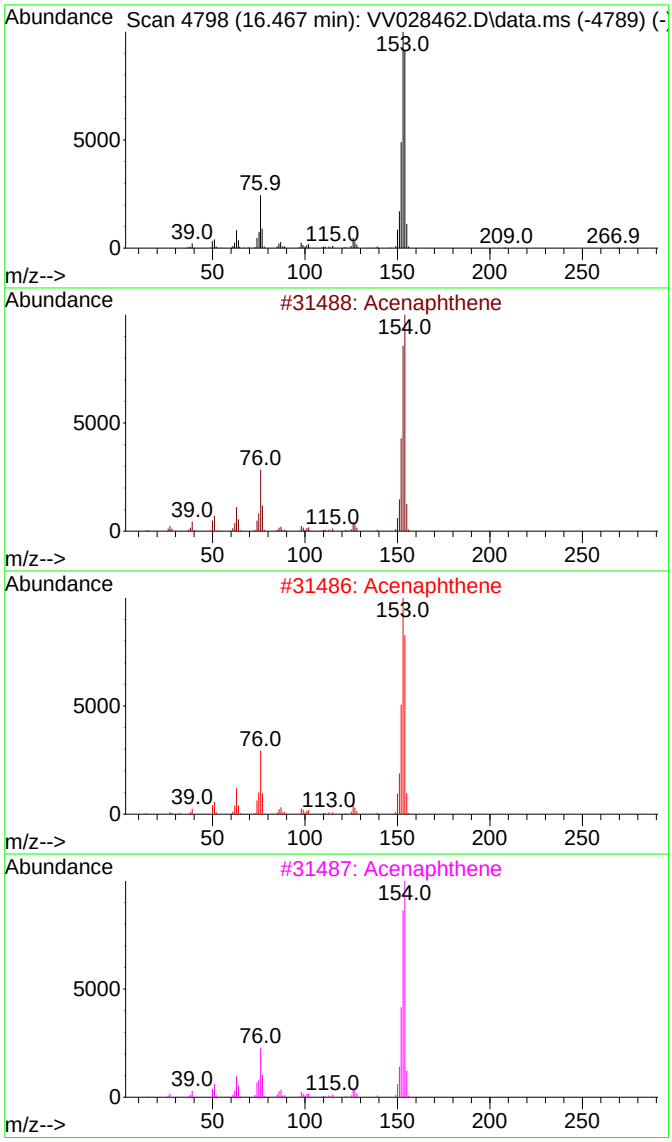
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis

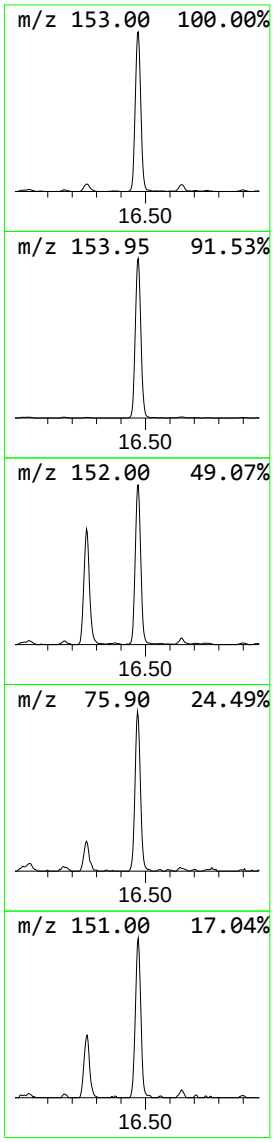
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.467	24.29 ug/L	502644	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	92
2	Acenaphthene	154	C12H10	000083-32-9	90
3	Acenaphthene	154	C12H10	000083-32-9	90
4	Acenaphthene	154	C12H10	000083-32-9	81
5	Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028462.D
Acq On : 09 Oct 2022 01:27
Operator : SY/MD
Sample : N4923-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10016

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.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
Azulene	13.493	9.4	ug/L	195048	3	11.243	1034490	50.0
Naphthalene, 2-...	15.348	7.3	ug/L	151419	3	11.243	1034490	50.0
Naphthalene, 2,...	15.654	5.5	ug/L	113374	3	11.243	1034490	50.0
Naphthalene, 2,...	15.799	9.6	ug/L	197535	3	11.243	1034490	50.0
Biphenylene	16.258	5.6	ug/L	116026	3	11.243	1034490	50.0
Hexa-2,4-diyn-1...	16.467	24.3	ug/L	502644	3	11.243	1034490	50.0