LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033892.D
Acq On : 26 Jan 2024 17:32
Operator : SY/MD
Sample : P1252-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS5

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\SFAMVLM011024WMA.M
Title : VOC Analysis

Signal : TIC: VV033892.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.166	31	39	54	rBV	75504	86813	12.19%	1.411%
2	1.278	67	74	105	rBV2	109982	206980	29.07%	3.364%
3	1.529	145	152	166	rVB	84876	105436	14.81%	1.713%
4	2.060	307	317	333	rVB	180704	267822	37.61%	4.352%
5	2.211	363	364	367	rBV4	326	216	0.03%	0.004%
6	2.452	431	439	447	rBV3	2578	3926	0.55%	0.064%
7	2.564	472	474	482	rVB4	463	434	0.06%	0.007%
8	2.703	509	517	522	rBV4	1246	1771	0.25%	0.029%
9	2.780	534	541	543	rBV	227	265	0.04%	0.004%
10	3.198	665	671	674	rBV	214	192	0.03%	0.003%
11	3.754	840	844	846	rBV	294	224	0.03%	0.004%
12	3.786	846	854	886	rBV	53455	153687	21.58%	2.498%
13	4.249	981	998	1023	rBV2	110887	285386	40.08%	4.638%
14	4.535	1084	1087	1090	rVB2	336	188	0.03%	0.003%
15	4.748	1149	1153	1157	rVB3	272	223	0.03%	0.004%
16	4.957	1201	1218	1248	rBV2	271141	712101	100.00%	11.573%
17	5.416	1358	1361	1364	rVV2	247	201	0.03%	0.003%
18	5.474	1377	1379	1386	rVB3	235	250	0.04%	0.004%
19	5.535	1386	1398	1432	rBV	248895	509539	71.55%	8.281%
20	5.699	1447	1449	1454	rVB3	453	294	0.04%	0.005%
21	5.844	1485	1494	1508	rBV7	5240	11175	1.57%	0.182%
22	5.989	1527	1539	1565	rBV	155538	321499	45.15%	5.225%
23	6.140	1583	1586	1593	rVB4	487	444	0.06%	0.007%
24	6.188	1599	1601	1604	rVB	555	280	0.04%	0.005%
25	6.207	1604	1607	1610	rBV	291	201	0.03%	0.003%
26	6.339	1643	1648	1651	rBV2	186	231	0.03%	0.004%
27	6.452	1678	1683	1685	rBV2	247	267	0.04%	0.004%
28	6.664	1743	1749	1751	rBV2	252	244	0.03%	0.004%
29	6.915	1816	1827	1858	rBV	90960	169268	23.77%	2.751%
30	7.175	1905	1908	1912	rBV2	220	205	0.03%	0.003%
31	7.243	1918	1929	1952	rBV	320795	561621	78.87%	9.127%
32	7.555	2017	2026	2056	rBV	61468	110216	15.48%	1.791%
33	7.776	2090	2095	2098	rBV	282	225	0.03%	0.004%
34	7.863	2119	2122	2125	rBV2	272	213	0.03%	0.003%
35	7.915	2135	2138	2145	rVB4	998	1028	0.14%	0.017%
36	8.024	2163	2172	2213	rBV	195679	355095	49.87%	5.771%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033892.D
Acq On : 26 Jan 2024 17:32
Operator : SY/MD
Sample : P1252-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS5

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\SFAMVLM011024WMA.M
Title : VOC Analysis

37	8.786	2398	2409	2430	rBV	377395	611098	85.82%	9.931%
38	8.956	2456	2462	2476	rVB4	1161	2511	0.35%	0.041%
39	9.255	2546	2555	2560	rBV2	563	860	0.12%	0.014%
40	9.410	2599	2603	2605	rBV4	708	571	0.08%	0.009%
41	9.487	2624	2627	2632	rBV2	461	397	0.06%	0.006%
42	9.596	2657	2661	2663	rBV2	308	207	0.03%	0.003%
43	9.606	2663	2664	2669	rVB	245	187	0.03%	0.003%
44	9.638	2669	2674	2681	rBV4	689	786	0.11%	0.013%
45	9.728	2695	2702	2704	rBV	324	365	0.05%	0.006%
46	9.873	2739	2747	2756	rBV2	4616	6874	0.97%	0.112%
47	9.927	2762	2764	2769	rVB2	345	267	0.04%	0.004%
48	10.063	2799	2806	2813	rVB3	1463	1836	0.26%	0.030%
49	10.108	2813	2820	2823	rBV2	322	331	0.05%	0.005%
50	10.153	2823	2834	2859	rBV	214522	341630	47.97%	5.552%
51	10.294	2870	2878	2897	rVB2	8852	14660	2.06%	0.238%
52	10.381	2901	2905	2907	rBV2	286	262	0.04%	0.004%
53	10.448	2921	2926	2930	rBV2	222	247	0.03%	0.004%
54	10.677	2991	2997	3010	rBV6	1639	3009	0.42%	0.049%
55	10.802	3027	3036	3048	rVB5	2332	3479	0.49%	0.057%
56	10.956	3079	3084	3089	rBV3	580	509	0.07%	0.008%
57	10.998	3090	3097	3100	rVV2	2050	2649	0.37%	0.043%
58	11.027	3100	3106	3122	rVB2	5290	8332	1.17%	0.135%
59	11.111	3129	3132	3137	rBV2	224	255	0.04%	0.004%
60	11.133	3137	3139	3145	rBV2	305	268	0.04%	0.004%
61	11.185	3145	3155	3182	rBV	388539	603756	84.79%	9.812%
62	11.394	3211	3220	3231	rVB3	7190	10504	1.48%	0.171%
63	11.490	3237	3250	3260	rVB5	11091	18301	2.57%	0.297%
64	11.561	3260	3272	3296	rBV	332340	533891	74.97%	8.677%
65	11.686	3303	3311	3322	rVB3	6768	10082	1.42%	0.164%
66	11.763	3328	3335	3343	rVB2	1095	1397	0.20%	0.023%
67	11.927	3382	3386	3389	rBV2	332	207	0.03%	0.003%
68	11.988	3393	3405	3418	rVB2	14251	21961	3.08%	0.357%
69	12.056	3418	3426	3430	rBV2	7315	11338	1.59%	0.184%
70	12.236	3474	3482	3494	rVB2	4825	6972	0.98%	0.113%
71	12.323	3504	3509	3514	rBV2	772	868	0.12%	0.014%
72	12.429	3536	3542	3548	rBV2	538	664	0.09%	0.011%
73	12.487	3556	3560	3567	rVB4	618	811	0.11%	0.013%
74	12.622	3596	3602	3603	rBV3	479	416	0.06%	0.007%
75	12.667	3610	3616	3624	rBV4	1657	2434	0.34%	0.040%
76	12.824	3655	3665	3682	rVB	30909	45914	6.45%	0.746%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033892.D
Acq On : 26 Jan 2024 17:32
Operator : SY/MD
Sample : P1252-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS5

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\SFAMVLM011024WMA.M
Title : VOC Analysis

77	12.898	3684	3688	3689	rBV2	391	255	0.04%	0.004%
78	12.992	3711	3717	3722	rBV4	674	684	0.10%	0.011%
79	13.078	3740	3744	3749	rBV2	177	187	0.03%	0.003%
80	13.156	3763	3768	3772	rVV2	416	403	0.06%	0.007%
81	13.207	3778	3784	3791	rBV5	1367	1482	0.21%	0.024%
82	13.278	3800	3806	3809	rBV2	700	844	0.12%	0.014%
83	13.307	3811	3815	3824	rVB2	1400	1423	0.20%	0.023%
84	13.448	3853	3859	3868	rBV	2226	2987	0.42%	0.049%
85	13.532	3882	3885	3887	rBV	319	241	0.03%	0.004%
86	13.574	3891	3898	3900	rBV3	444	547	0.08%	0.009%
87	13.815	3967	3973	3977	rBV	259	328	0.05%	0.005%
88	13.879	3989	3993	3998	rBV2	303	266	0.04%	0.004%
89	14.049	4044	4046	4050	rBV2	254	220	0.03%	0.004%
90	14.172	4079	4084	4090	rBV5	489	674	0.09%	0.011%
91	14.365	4139	4144	4147	rBV3	374	419	0.06%	0.007%
92	14.471	4173	4177	4178	rBV	299	237	0.03%	0.004%
93	14.680	4237	4242	4245	rBV4	263	242	0.03%	0.004%
94	14.702	4245	4249	4254	rVB4	214	201	0.03%	0.003%
95	15.066	4359	4362	4366	rBV4	251	259	0.04%	0.004%
96	15.368	4452	4456	4458	rBV3	458	412	0.06%	0.007%
97	15.554	4511	4514	4516	rBV	554	334	0.05%	0.005%
98	15.676	4548	4552	4556	rBV4	564	630	0.09%	0.010%
99	15.734	4568	4570	4573	rBV3	440	264	0.04%	0.004%
100	15.998	4649	4652	4655	rBV2	624	489	0.07%	0.008%

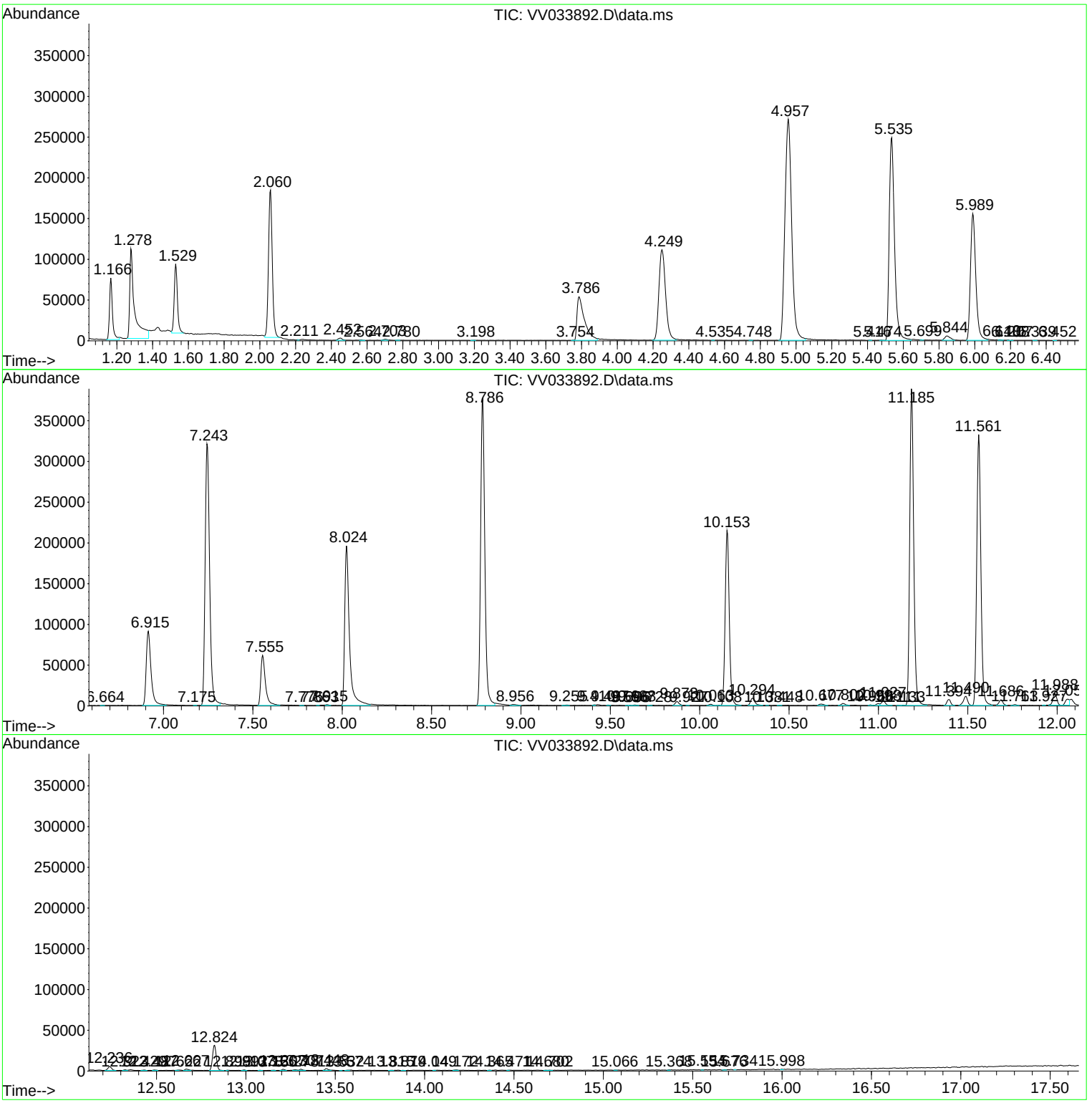
Sum of corrected areas: 6153294

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033892.D
Acq On : 26 Jan 2024 17:32
Operator : SY/MD
Sample : P1252-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033892.D
Acq On : 26 Jan 2024 17:32
Operator : SY/MD
Sample : P1252-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

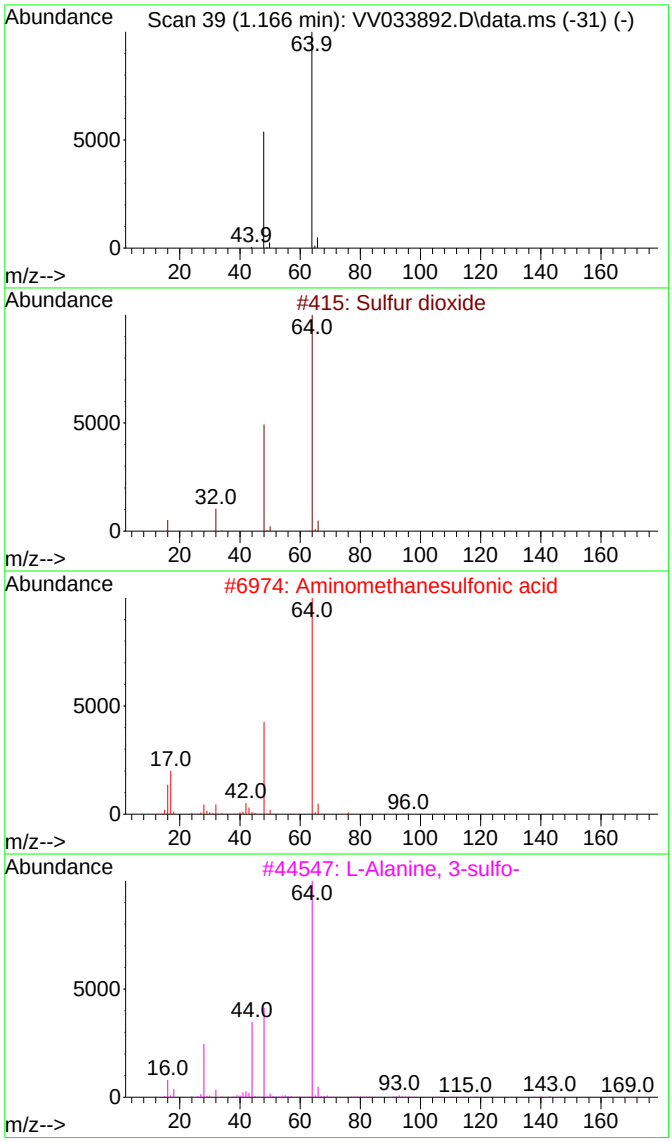
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

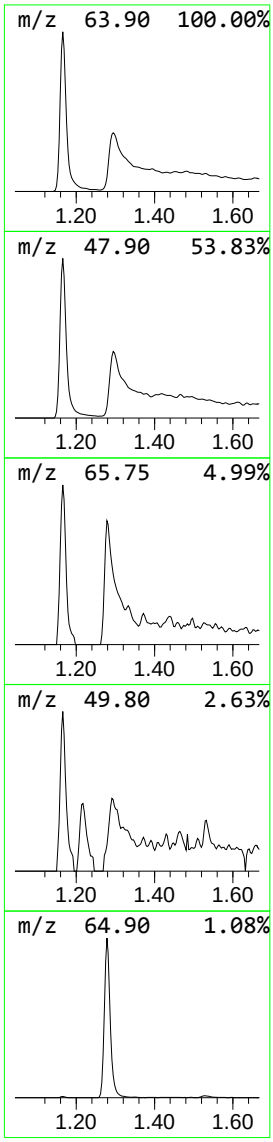
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.166	8.52 ug/L	86813	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033892.D
Acq On : 26 Jan 2024 17:32
Operator : SY/MD
Sample : P1252-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS5

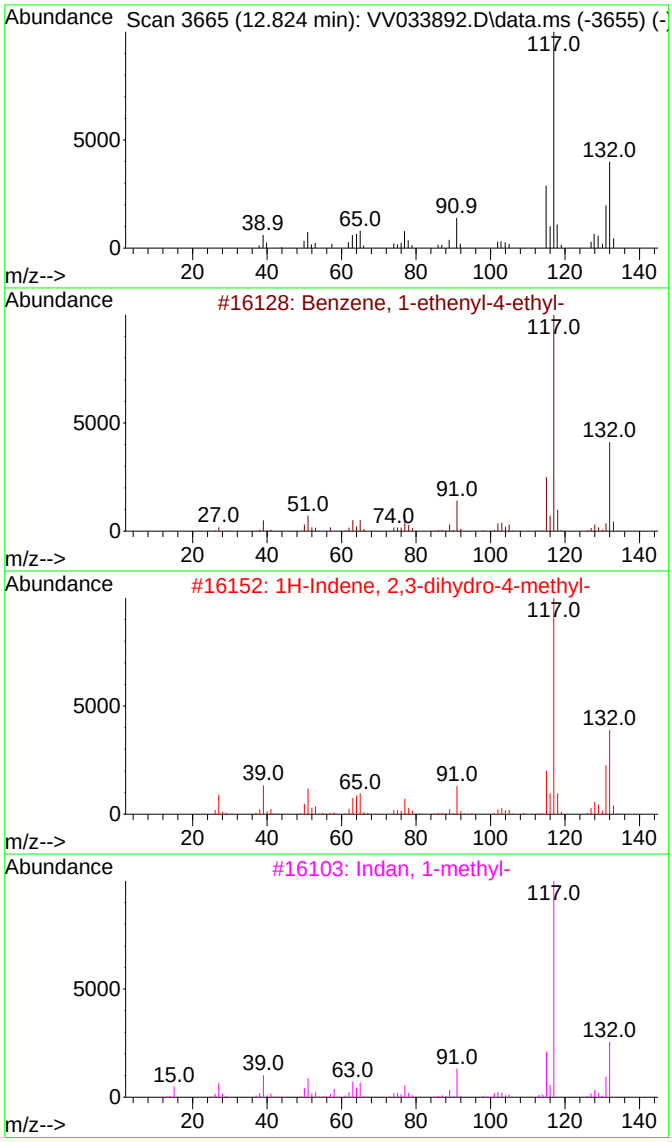
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

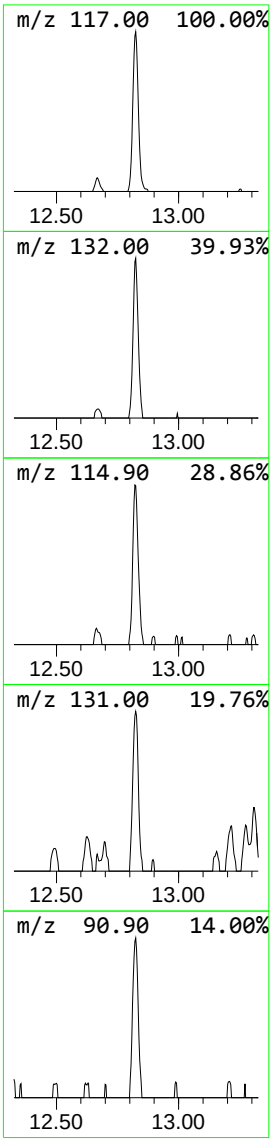
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.825	3.80 ug/L	45914	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033892.D
Acq On : 26 Jan 2024 17:32
Operator : SY/MD
Sample : P1252-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.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
Sulfur dioxide	1.166	8.5	ug/L	86813	1	5.535	509539	50.0
Benzene, 1-ethe...	12.825	3.8	ug/L	45914	3	11.185	603756	50.0