LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

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\SFAMVLM103123WMA.M
Title : VOC Analysis

Signal : TIC: VV032801.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.098	11	18	28	rVB	7883	12209	0.22%	0.038%
2	1.282	68	75	90	rBV	226269	235271	4.19%	0.736%
3	1.532	146	153	170	rVB	186550	216396	3.85%	0.677%
4	2.060	307	317	332	rBV	359416	527734	9.39%	1.651%
5	2.163	343	349	361	rVB3	26442	44807	0.80%	0.140%
6	2.452	429	439	440	rBV8	4018	5411	0.10%	0.017%
7	2.548	466	469	471	rBV3	2010	1175	0.02%	0.004%
8	2.693	501	514	522	rBV10	9035	19791	0.35%	0.062%
9	2.864	564	567	571	rBV5	1696	1624	0.03%	0.005%
10	2.970	595	600	604	rBV8	1646	1789	0.03%	0.006%
11	3.056	624	627	632	rVB5	1586	1423	0.03%	0.004%
12	3.153	653	657	659	rBV5	1905	1375	0.02%	0.004%
13	3.285	695	698	701	rBV5	1989	1659	0.03%	0.005%
14	3.433	739	744	747	rBV7	1998	1977	0.04%	0.006%
15	3.458	747	752	758	rVB9	3026	3086	0.05%	0.010%
16	3.587	775	792	801	rBV10	12615	31532	0.56%	0.099%
17	3.658	809	814	815	rBV4	2046	1644	0.03%	0.005%
18	3.790	845	855	880	rBV	75681	205748	3.66%	0.644%
19	4.253	983	999	1020	rBV	219218	558410	9.94%	1.747%
20	4.507	1075	1078	1085	rBV8	1889	1946	0.03%	0.006%
21	4.580	1092	1101	1114	rVB8	7188	18027	0.32%	0.056%
22	4.674	1114	1130	1147	rBV4	43517	113875	2.03%	0.356%
23	4.825	1168	1177	1187	rVB9	8712	18390	0.33%	0.058%
24	4.960	1201	1219	1236	rBV2	512048	1344767	23.93%	4.207%
25	5.400	1354	1356	1359	rVV4	2397	1458	0.03%	0.005%
26	5.420	1359	1362	1366	rVB6	2439	1678	0.03%	0.005%
27	5.535	1386	1398	1414	rBV	388037	802647	14.28%	2.511%
28	5.741	1457	1462	1463	rBV5	2441	1591	0.03%	0.005%
29	5.992	1528	1540	1576	rBV	289581	685972	12.21%	2.146%
30	6.580	1712	1723	1733	rBV4	28798	55518	0.99%	0.174%
31	6.667	1745	1750	1751	rBV4	2621	2413	0.04%	0.008%
32	6.703	1751	1761	1772	rVV4	30141	67473	1.20%	0.211%
33	6.863	1806	1811	1813	rBV5	1636	1624	0.03%	0.005%
34	6.915	1813	1827	1847	rBV	158125	317662	5.65%	0.994%
35	7.092	1879	1882	1885	rBV5	2634	2157	0.04%	0.007%
36	7.201	1908	1916	1919	rBV9	5869	8654	0.15%	0.027%

LSC Area Percent Report

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Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

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\SFAMVLM103123WMA.M
Title : VOC Analysis

37	7.246	1919	1930	1962	rVV	617059	1160732	20.66%	3.632%
38	7.555	2018	2026	2050	rVB	106294	206352	3.67%	0.646%
39	7.777	2089	2095	2104	rVB10	5882	8723	0.16%	0.027%
40	8.027	2163	2173	2206	rBV	288863	593076	10.55%	1.856%
41	8.436	2297	2300	2302	rBV4	2077	1454	0.03%	0.005%
42	8.522	2322	2327	2332	rBV9	3119	4023	0.07%	0.013%
43	8.612	2352	2355	2360	rVB7	1893	1290	0.02%	0.004%
44	8.674	2370	2374	2376	rBV5	2215	1793	0.03%	0.006%
45	8.693	2377	2380	2386	rVB7	2144	2060	0.04%	0.006%
46	8.728	2386	2391	2394	rVB7	1708	1595	0.03%	0.005%
47	8.786	2398	2409	2432	rBV	659159	1128256	20.08%	3.530%
48	8.953	2452	2461	2476	rVB	55810	93849	1.67%	0.294%
49	9.371	2588	2591	2595	rBV5	2036	1789	0.03%	0.006%
50	9.487	2619	2627	2637	rBV2	12701	22558	0.40%	0.071%
51	9.574	2652	2654	2658	rVB5	1429	1120	0.02%	0.004%
52	9.629	2668	2671	2673	rBV4	2268	1653	0.03%	0.005%
53	9.870	2737	2746	2759	rBV	106611	176750	3.15%	0.553%
54	10.050	2798	2802	2804	rBV4	2428	2093	0.04%	0.007%
55	10.156	2820	2835	2853	rBV	458235	719834	12.81%	2.252%
56	10.291	2867	2877	2899	rBV	387176	599587	10.67%	1.876%
57	10.413	2907	2915	2930	rVB	98802	152767	2.72%	0.478%
58	10.590	2966	2970	2972	rBV5	1630	1105	0.02%	0.003%
59	10.677	2984	2997	3016	rBV	916514	1371433	24.41%	4.291%
60	10.854	3040	3052	3070	rBV	3925243	5619465	100.00%	17.582%
61	10.995	3089	3096	3101	rBV	30202	44279	0.79%	0.139%
62	11.133	3130	3139	3145	rBV2	22978	35738	0.64%	0.112%
63	11.188	3145	3156	3173	rVV	820456	1267675	22.56%	3.966%
64	11.275	3173	3183	3198	rVB	637023	946200	16.84%	2.960%
65	11.471	3231	3244	3261	rBV3	407845	1006755	17.92%	3.150%
66	11.564	3262	3273	3293	rVB3	1003029	1700642	30.26%	5.321%
67	11.686	3303	3311	3322	rVB2	55639	87594	1.56%	0.274%
68	11.760	3323	3334	3351	rVB	161728	256017	4.56%	0.801%
69	11.854	3352	3363	3367	rBV	432576	636986	11.34%	1.993%
70	11.956	3385	3395	3415	rVB	803091	1302480	23.18%	4.075%
71	12.056	3416	3426	3449	rBV2	425337	763823	13.59%	2.390%
72	12.255	3478	3488	3501	rVB	134181	216073	3.85%	0.676%
73	12.355	3506	3519	3527	rBV	471412	698160	12.42%	2.184%
74	12.407	3527	3535	3551	rVB	689118	1015468	18.07%	3.177%
75	12.493	3554	3562	3568	rBV2	55010	81061	1.44%	0.254%
76	12.590	3586	3592	3595	rBV4	10983	15217	0.27%	0.048%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
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Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

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\SFAMVLM103123WMA.M
Title : VOC Analysis

77	12.664	3607	3615	3631	rVB	413059	631422	11.24%	1.976%
78	12.735	3632	3637	3645	rVB2	28109	36191	0.64%	0.113%
79	12.821	3646	3664	3675	rBV2	1031921	1683693	29.96%	5.268%
80	12.944	3695	3702	3708	rBV	36715	53443	0.95%	0.167%
81	12.989	3709	3716	3729	rVB3	107462	190318	3.39%	0.595%
82	13.107	3745	3753	3760	rBV	57426	93974	1.67%	0.294%
83	13.156	3761	3768	3777	rVB	127932	190080	3.38%	0.595%
84	13.210	3777	3785	3792	rBV2	185023	287028	5.11%	0.898%
85	13.307	3811	3815	3822	rVB	92300	105125	1.87%	0.329%
86	13.442	3841	3857	3866	rBV	135117	220978	3.93%	0.691%
87	13.551	3884	3891	3910	rVB3	30424	53229	0.95%	0.167%
88	13.651	3913	3922	3933	rVV2	65425	128033	2.28%	0.401%
89	13.709	3933	3940	3950	rVB3	64019	101899	1.81%	0.319%
90	13.850	3975	3984	3998	rVB	118266	178820	3.18%	0.559%
91	14.033	4031	4041	4053	rBV3	95642	212771	3.79%	0.666%
92	14.172	4077	4084	4094	rBV	40173	63432	1.13%	0.198%
93	14.233	4096	4103	4120	rVB2	60565	107551	1.91%	0.336%
94	14.371	4138	4146	4159	rBV4	25160	43718	0.78%	0.137%
95	14.522	4184	4193	4198	rVV3	11873	19010	0.34%	0.059%
96	14.712	4241	4252	4255	rBV3	6449	10246	0.18%	0.032%
97	14.757	4255	4266	4279	rVV	156958	257867	4.59%	0.807%
98	14.927	4317	4319	4322	rBV4	2377	1980	0.04%	0.006%
99	15.365	4453	4455	4460	rVB5	3168	2095	0.04%	0.007%
100	15.750	4567	4575	4584	rBV5	13852	22743	0.40%	0.071%

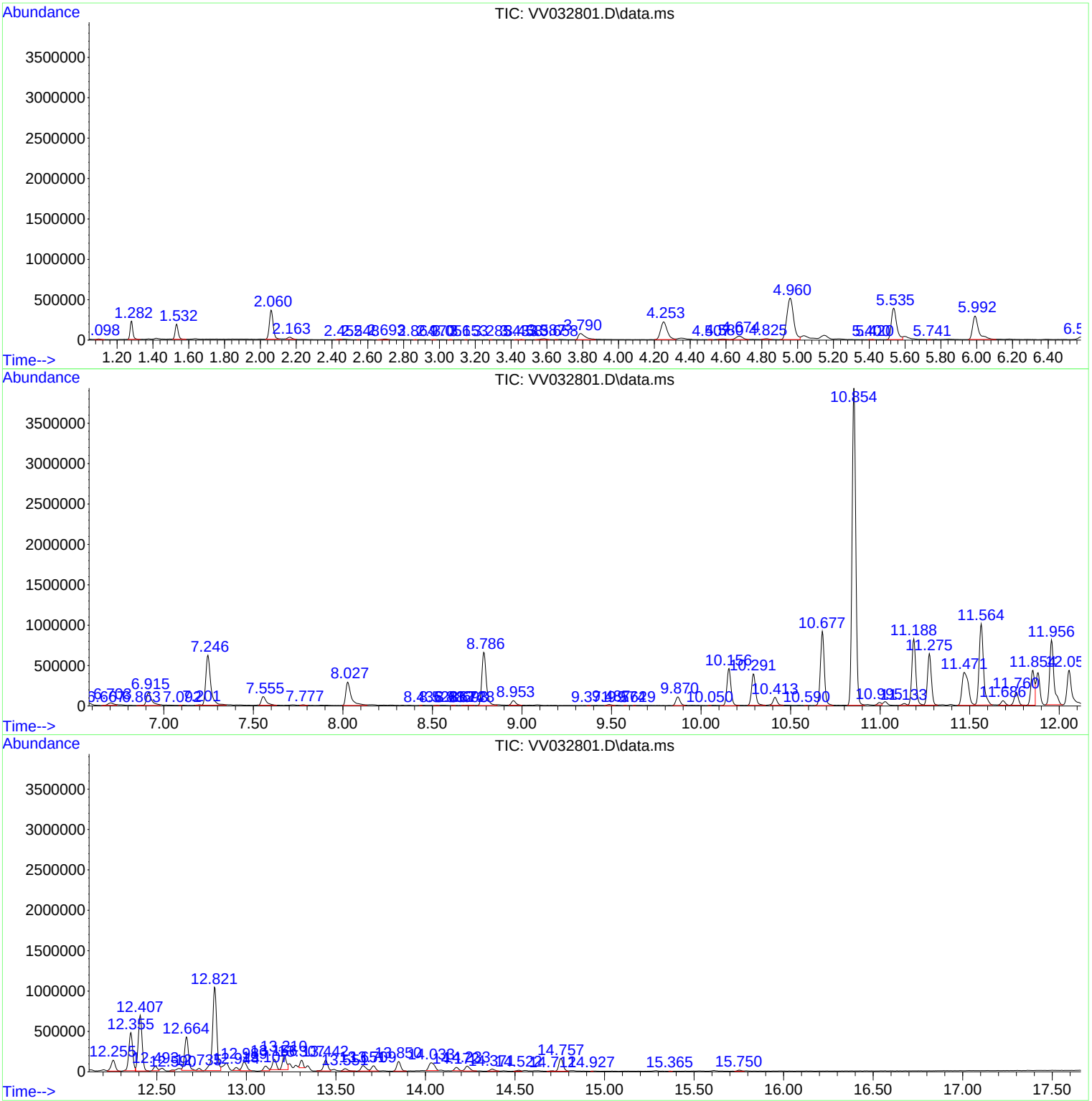
Sum of corrected areas: 31962084

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

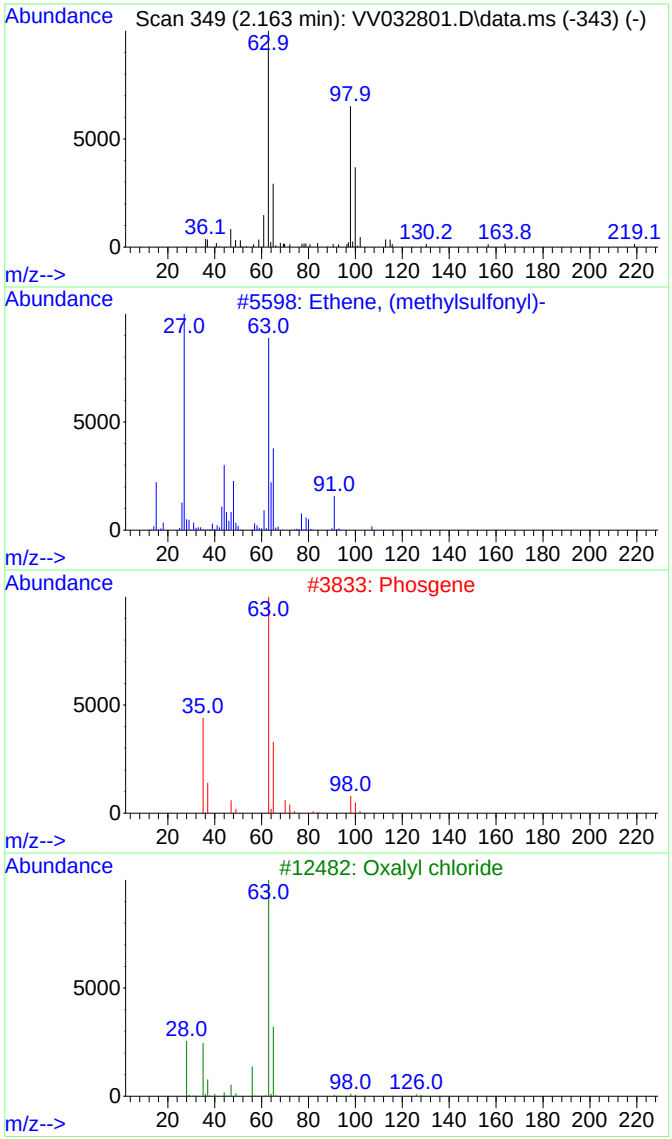
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

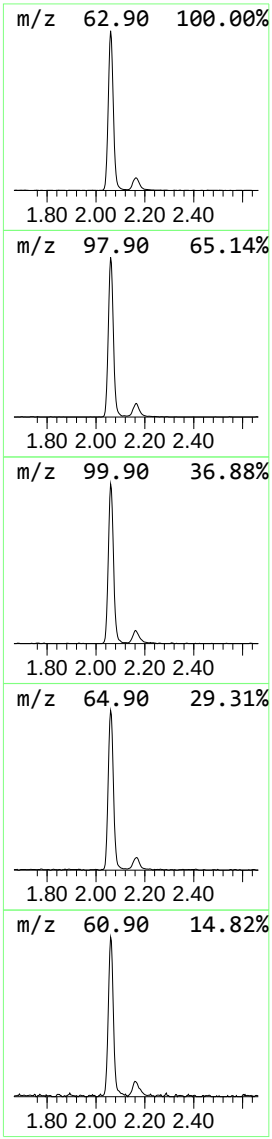
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethene, (methylsulfonyl)- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	2.79 ug/L	44807	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, (methylsulfonyl)-	106	C3H6O2S	003680-02-2	50
2	Phosgene	98	CCl2O	000075-44-5	40
3	Oxalyl chloride	126	C2Cl2O2	000079-37-8	39
4	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	38
5	1-Piperidinepropanol, .alpha.-cy...	287	C19H29NO	000077-39-4	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

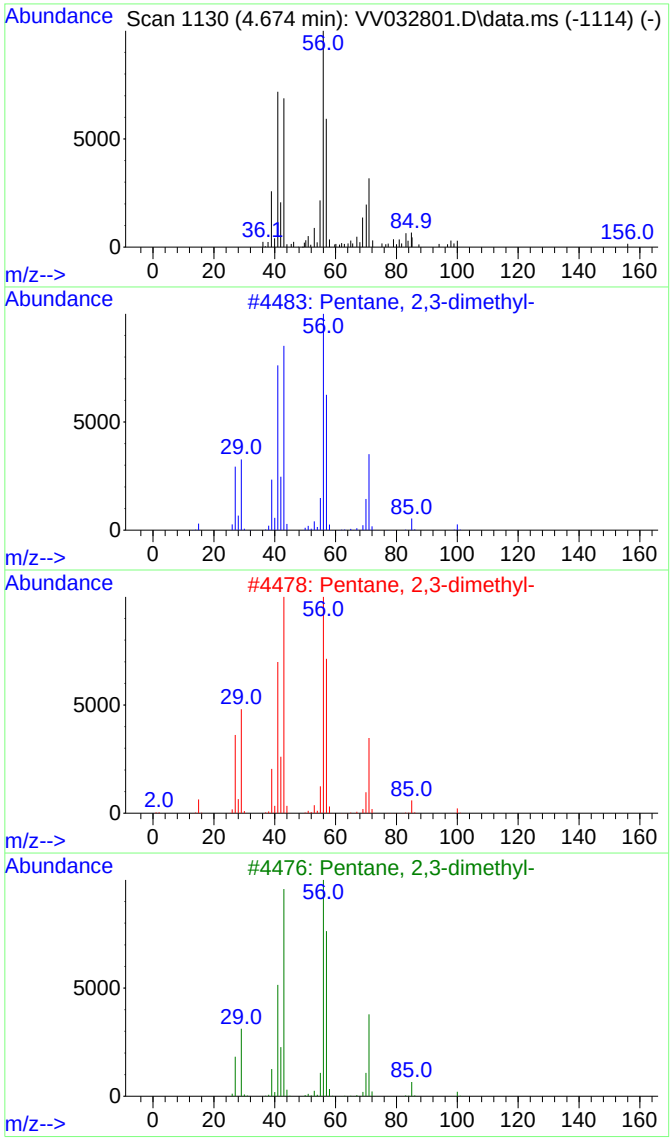
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

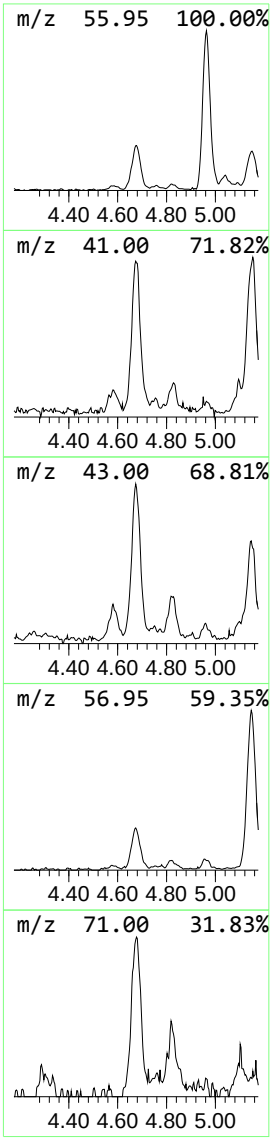
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.674	7.09 ug/L	113875	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
5	Cyclopentanamine	85	C5H11N	001003-03-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

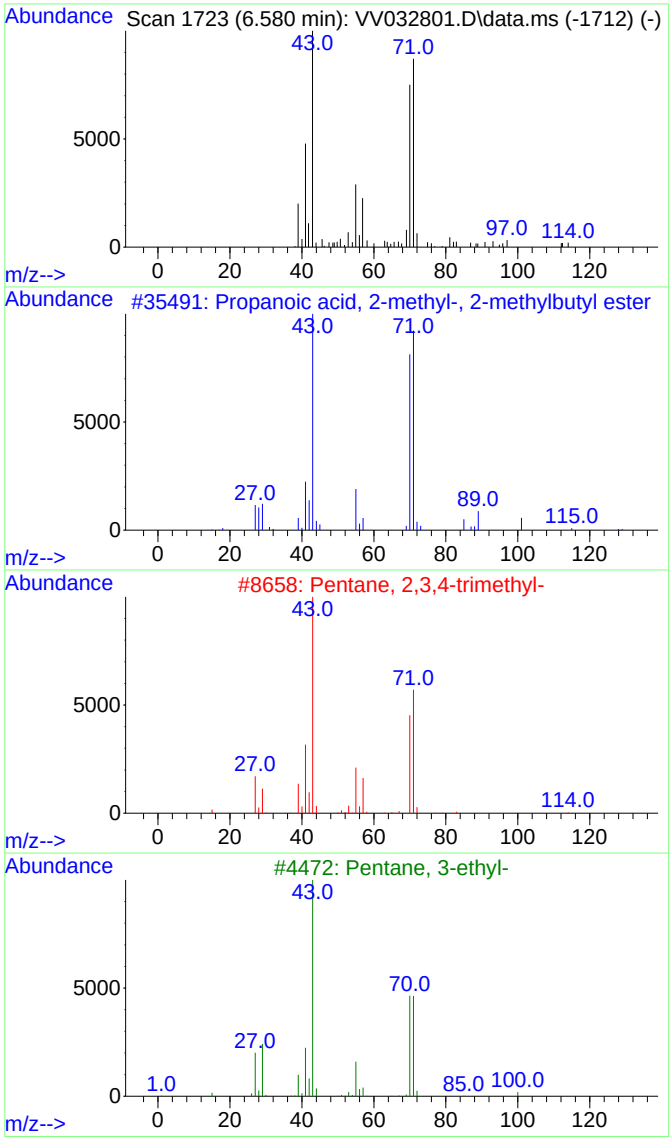
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

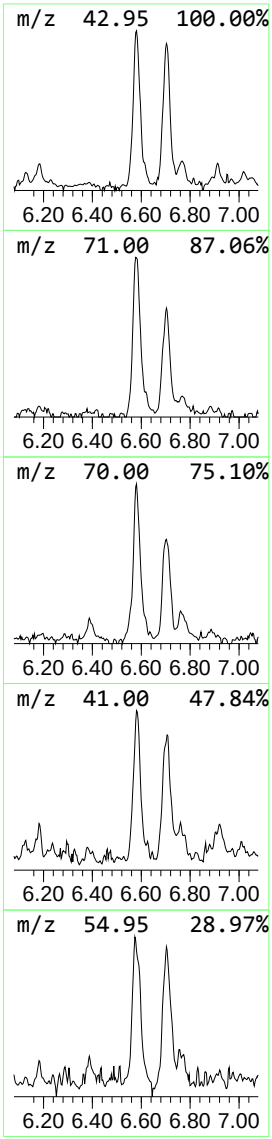
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.580	3.46 ug/L	55518	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2-met...	158	C9H18O2	002445-69-4	78
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

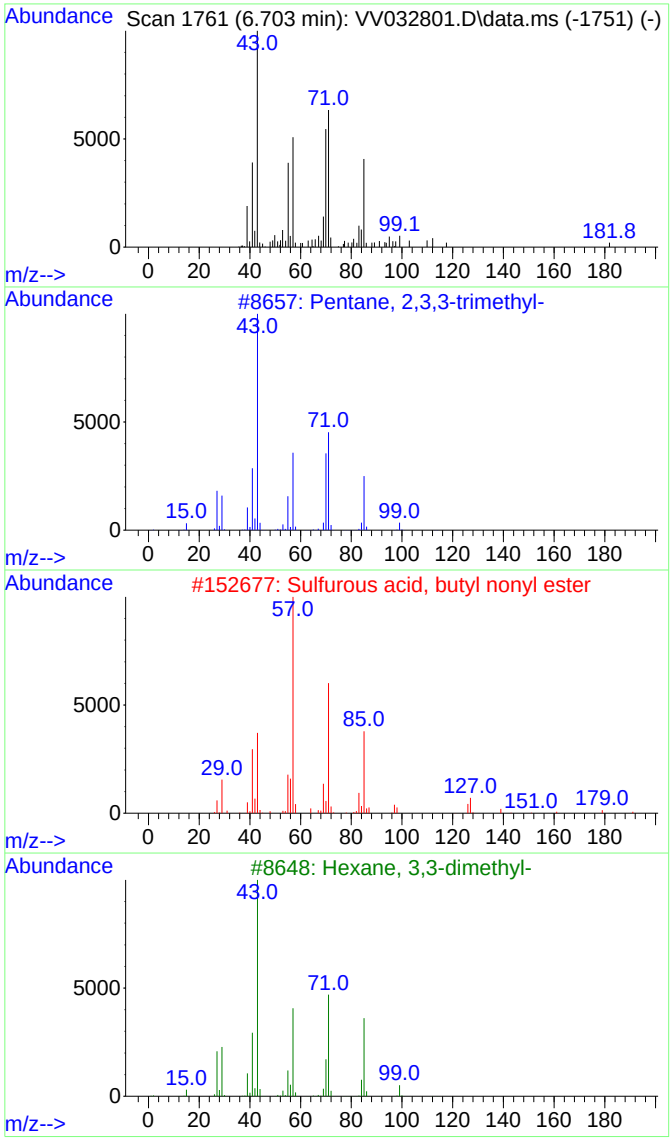
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

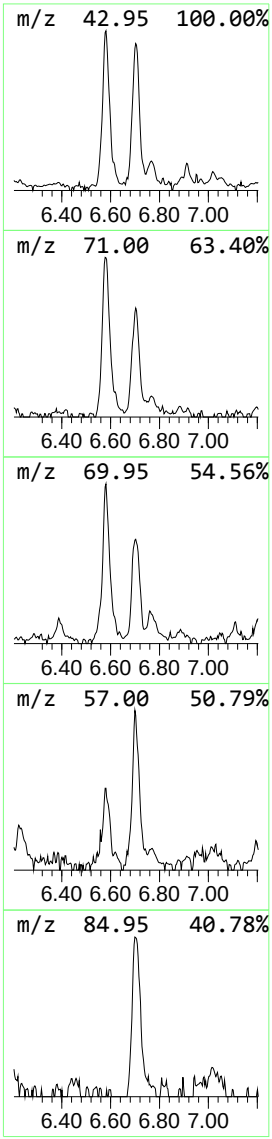
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.703	4.20 ug/L	67473	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

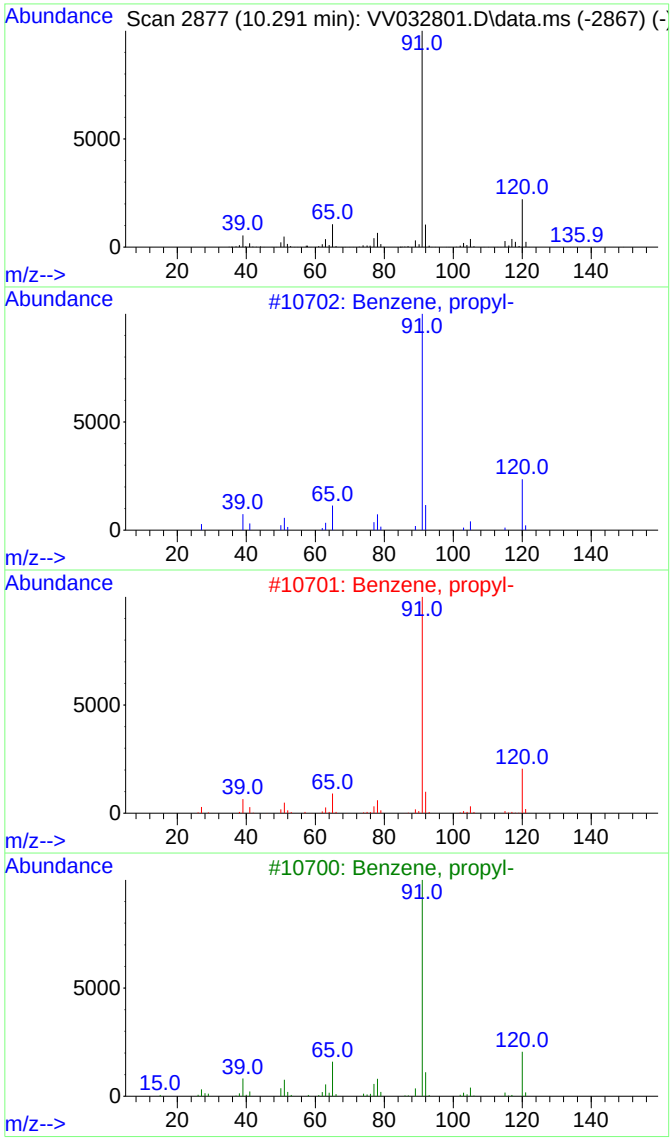
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

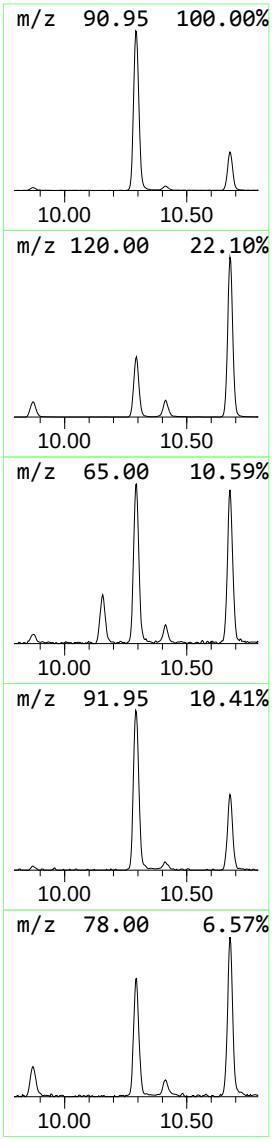
****

Peak Number 6 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.291	23.65 ug/L	599587	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	83
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

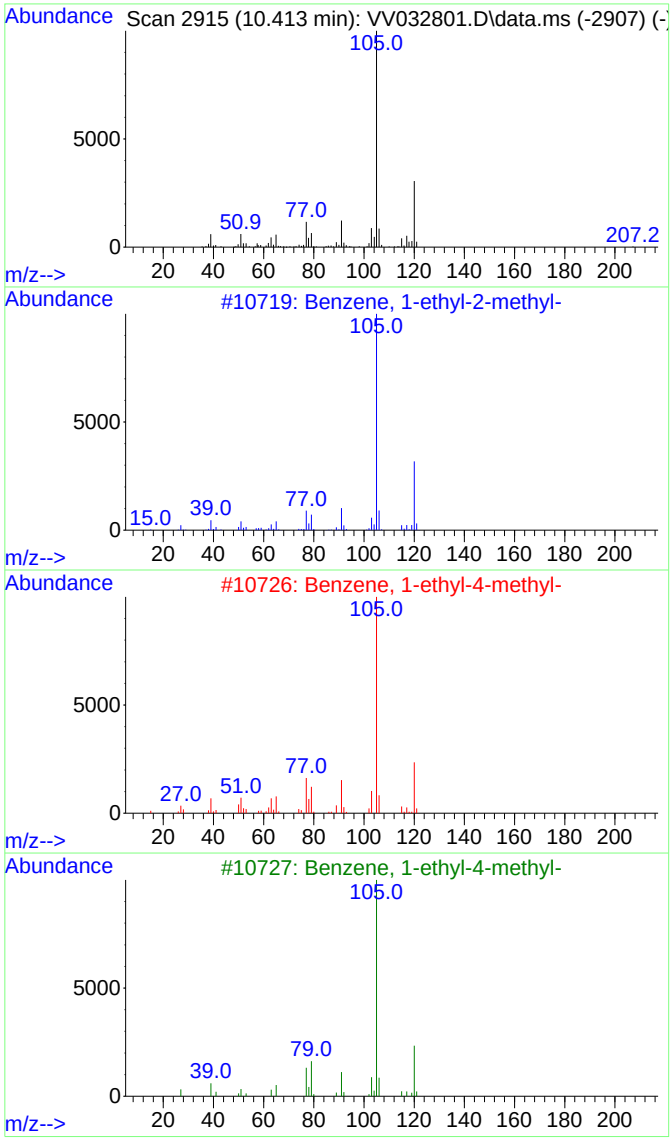
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

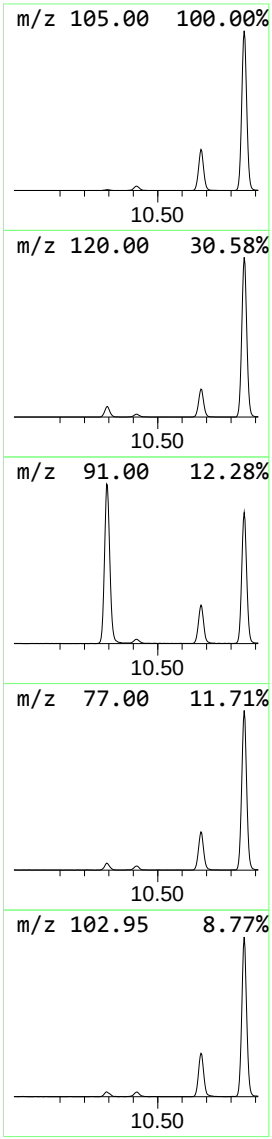
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.413	6.03 ug/L	152767	1,4-Dichlorobenzene-d4	11.188

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-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

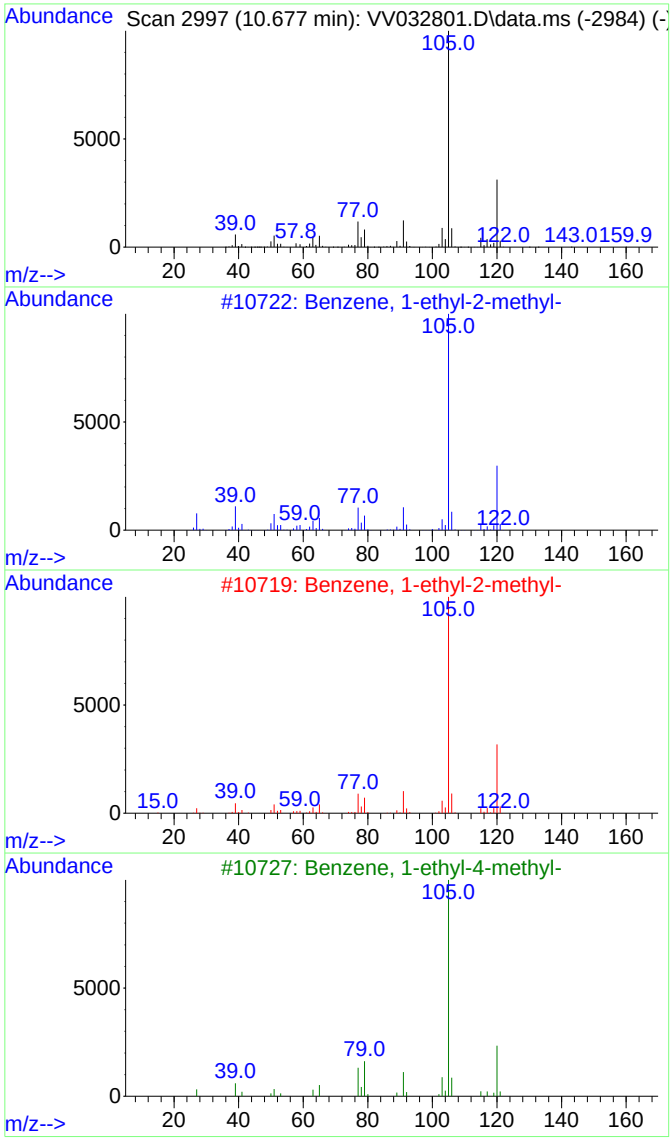
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

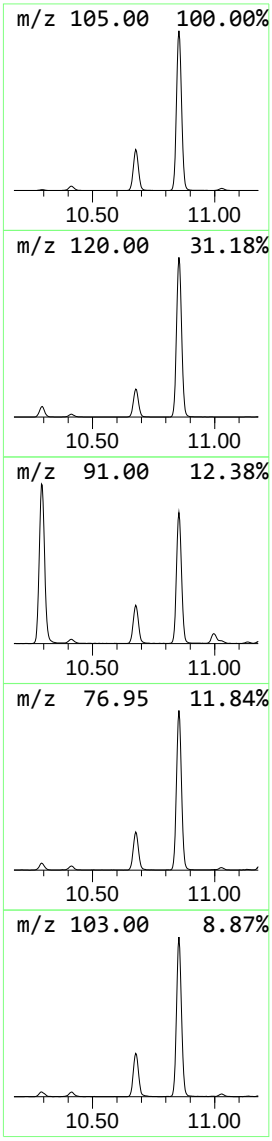
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.677	54.09 ug/L	1371430	1,4-Dichlorobenzene-d4	11.188

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	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

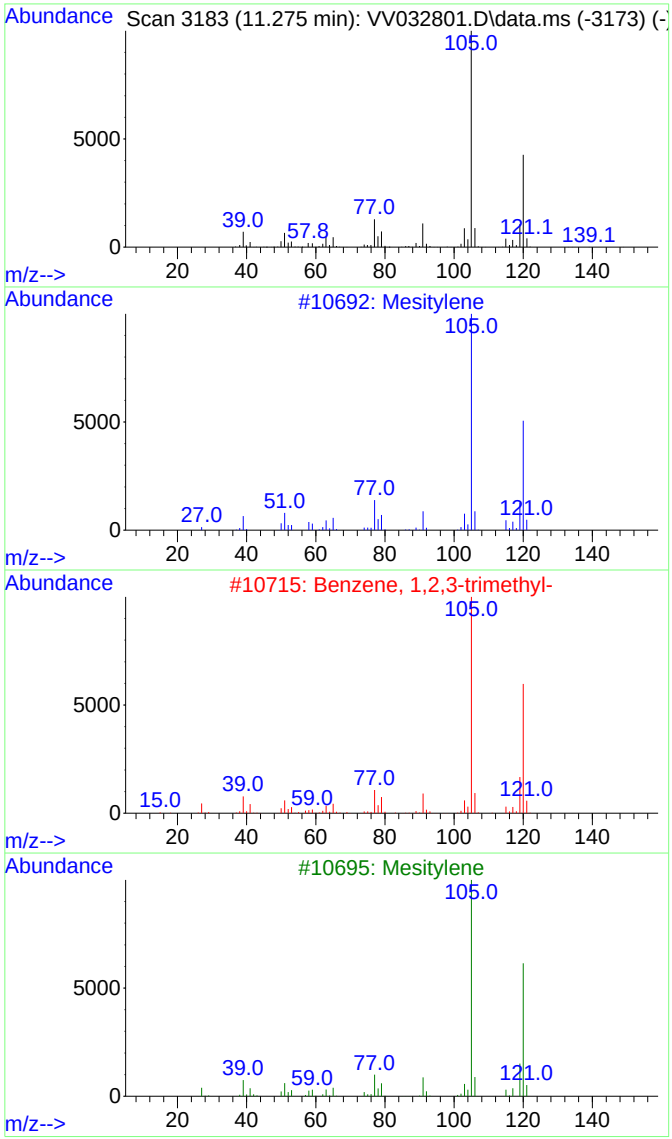
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

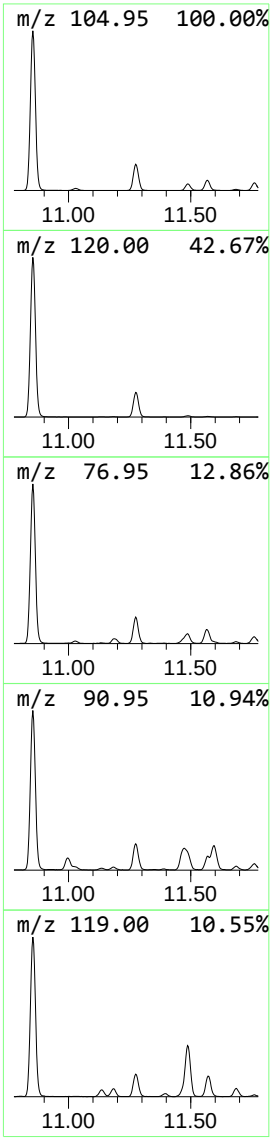
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.275	37.32 ug/L	946200	1,4-Dichlorobenzene-d4	11.188

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	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

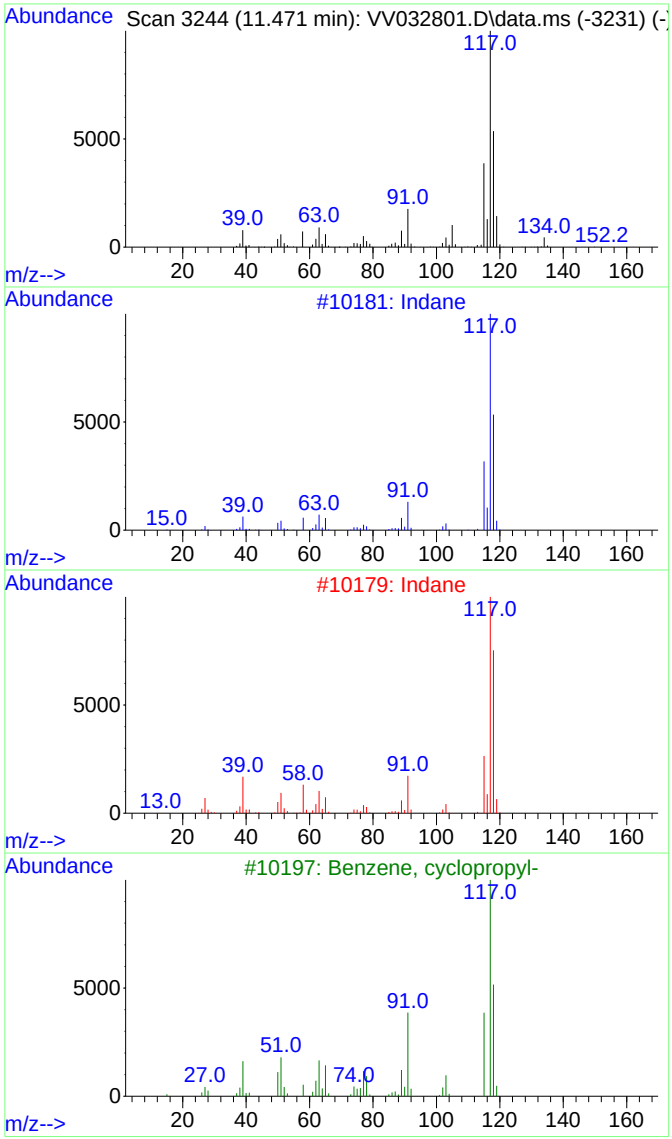
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

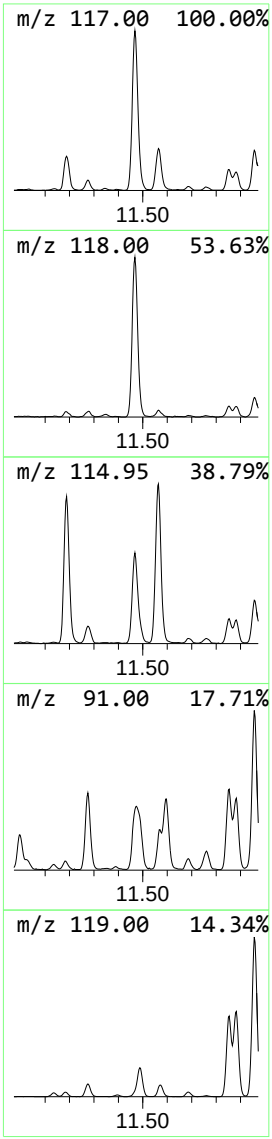
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.471	39.71 ug/L	1006760	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	58
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

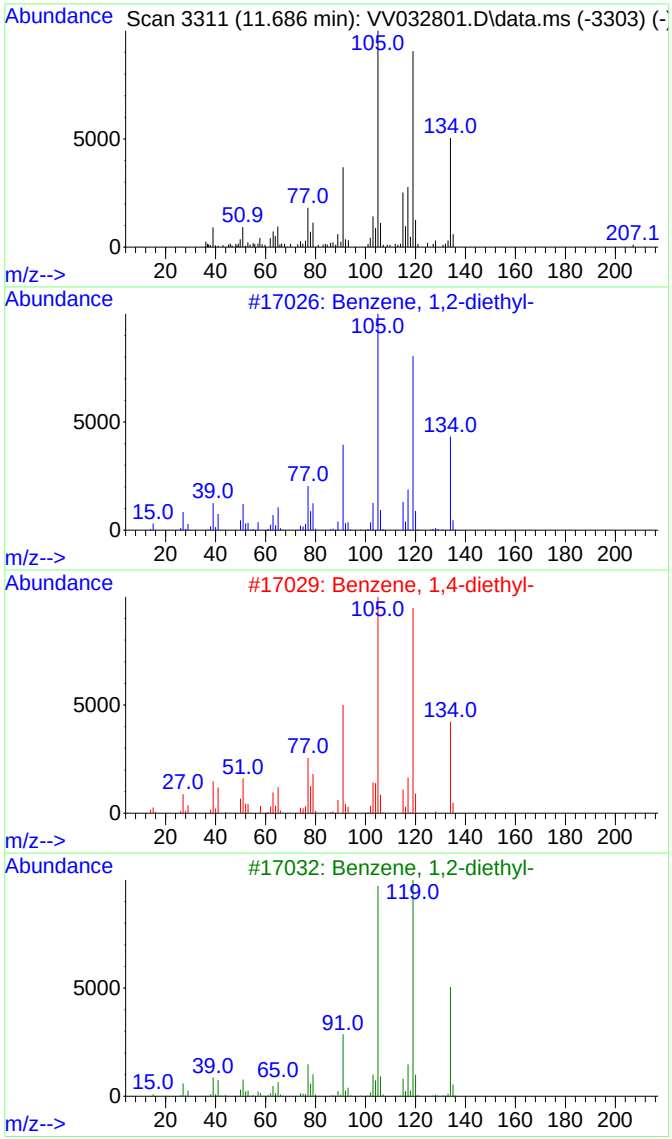
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

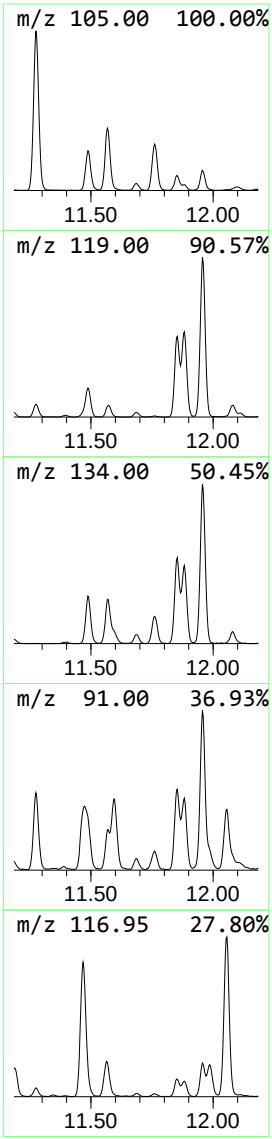
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	3.45 ug/L	87594	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

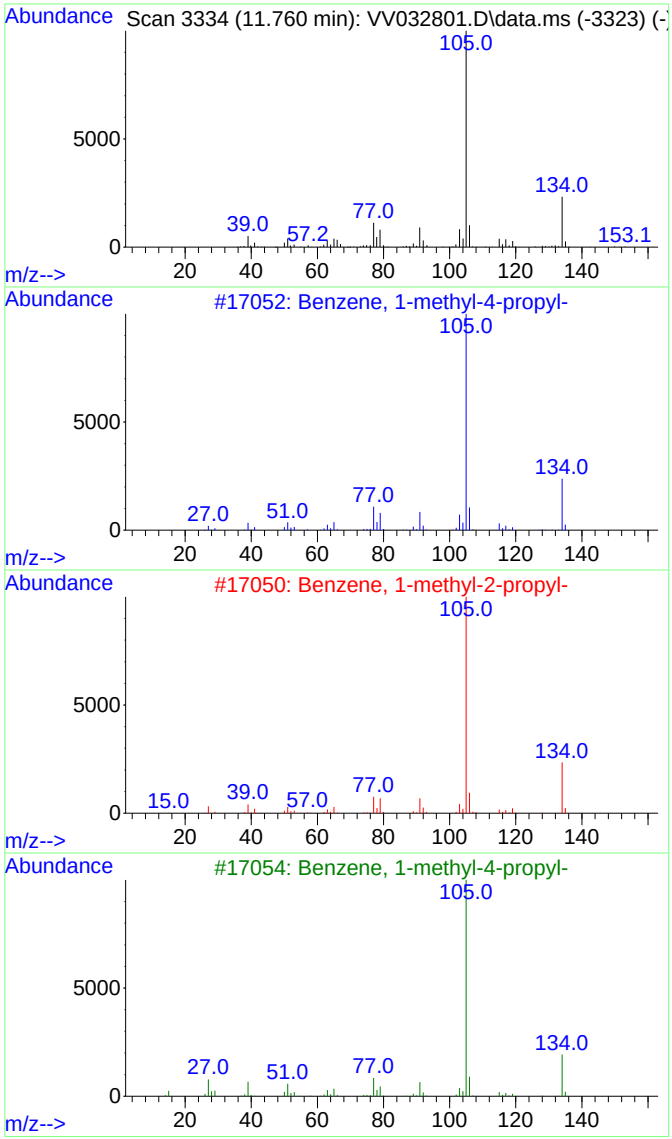
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

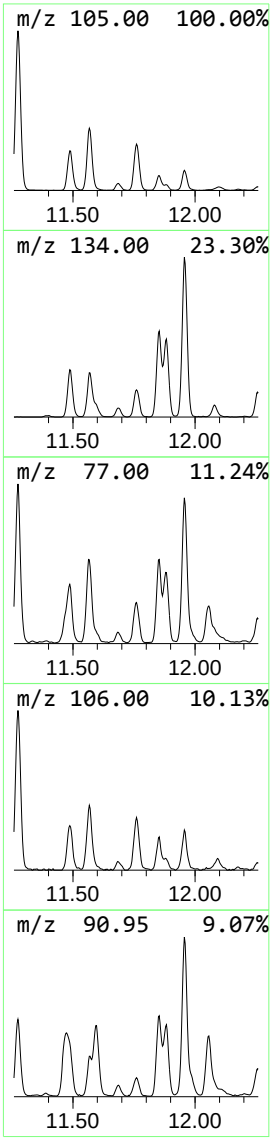
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.760	10.10 ug/L	256017	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	2-Tolyloxirane	134	C9H10O	002783-26-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

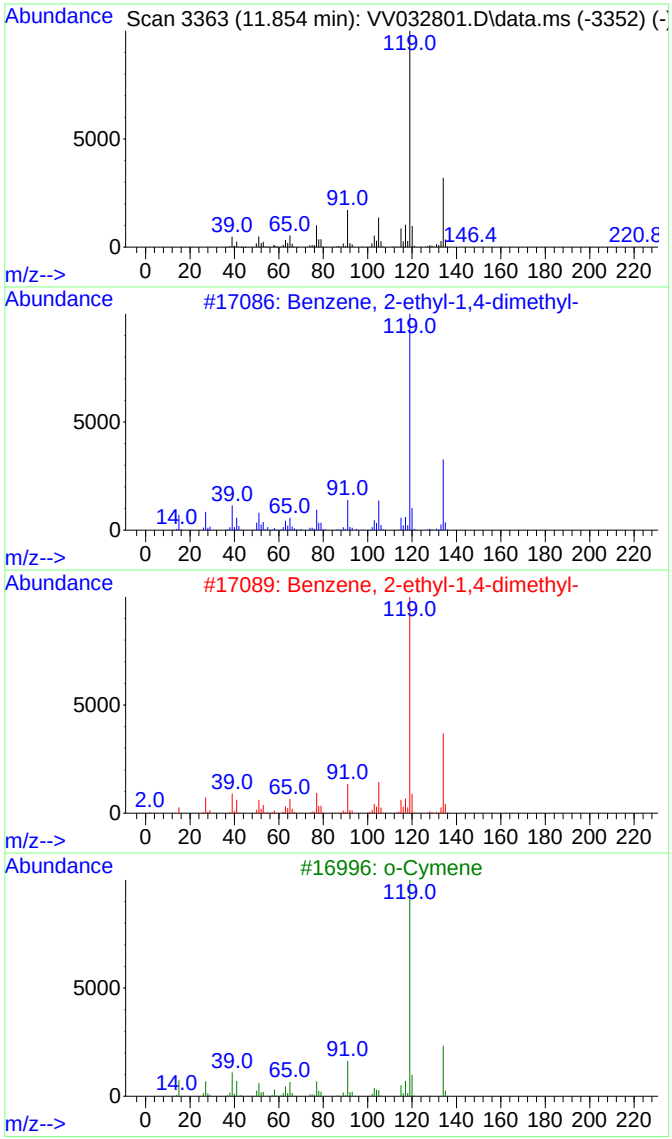
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

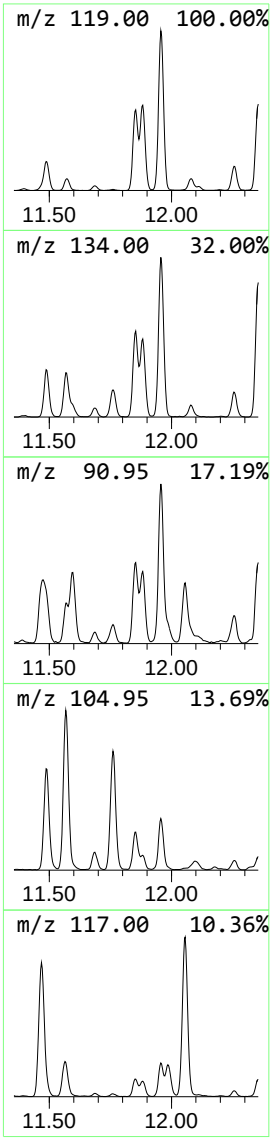
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.854	25.12 ug/L	636986	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





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Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

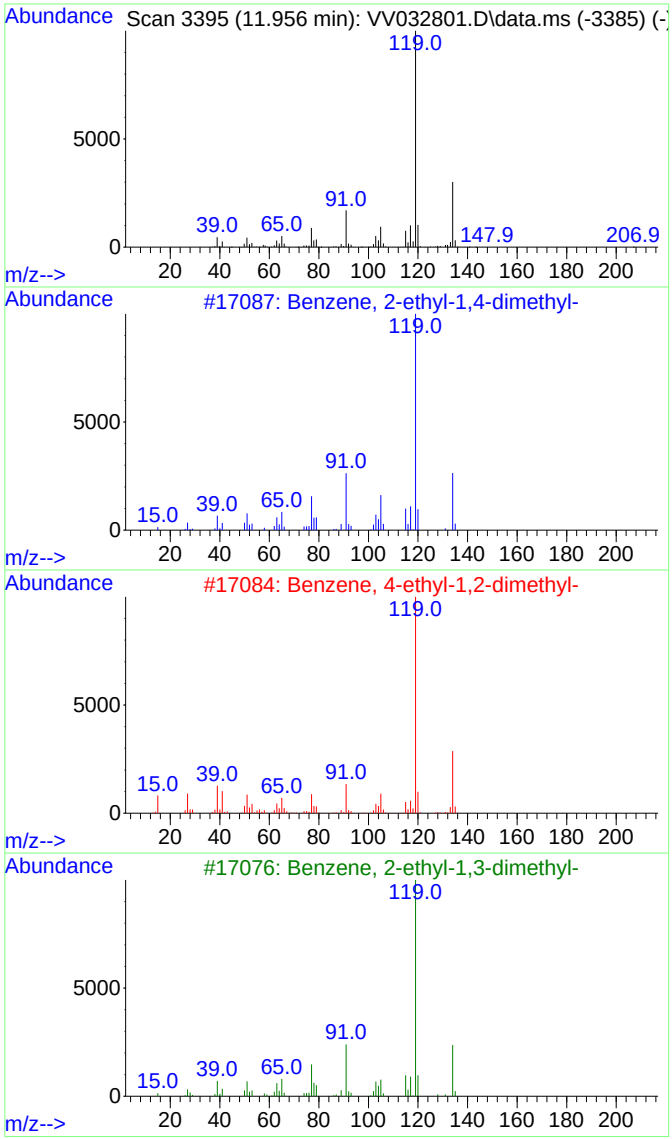
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

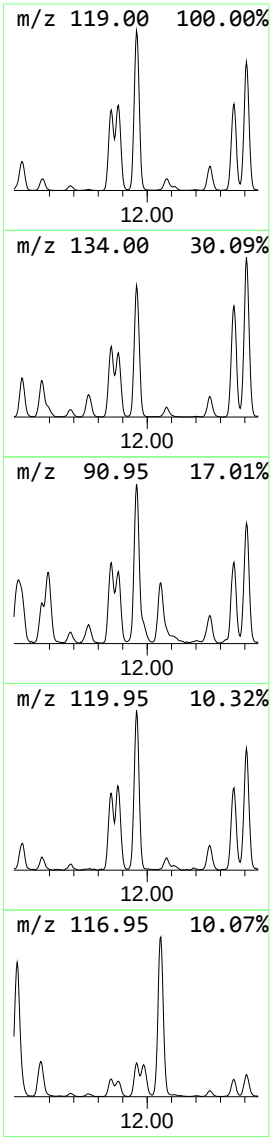
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.956	51.37 ug/L	1302480	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

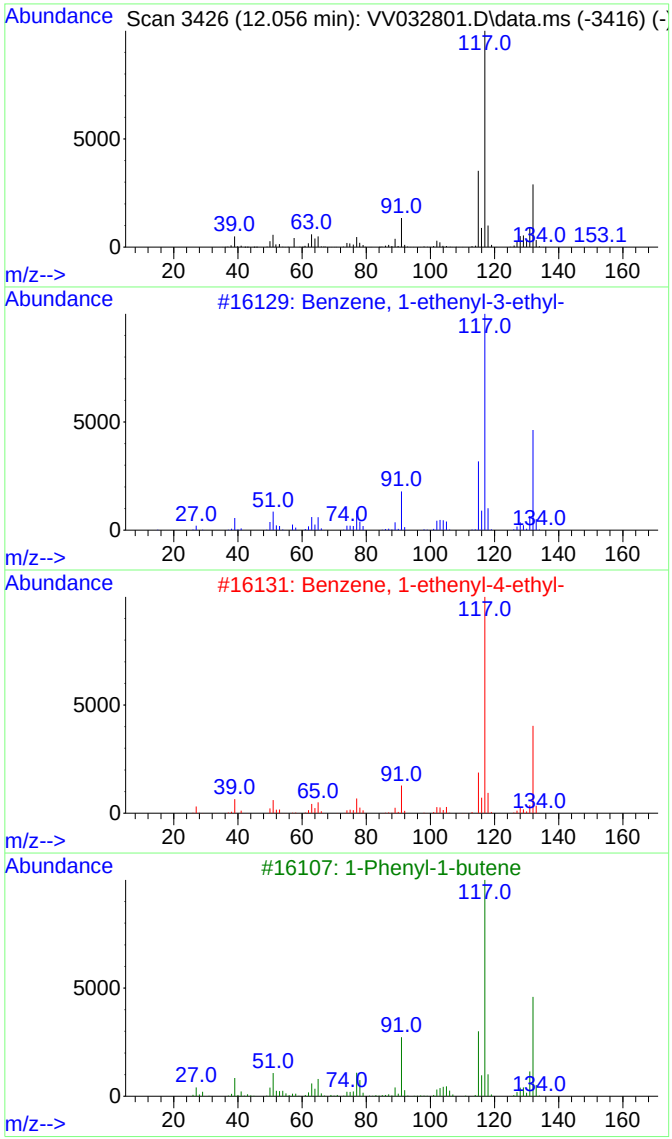
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

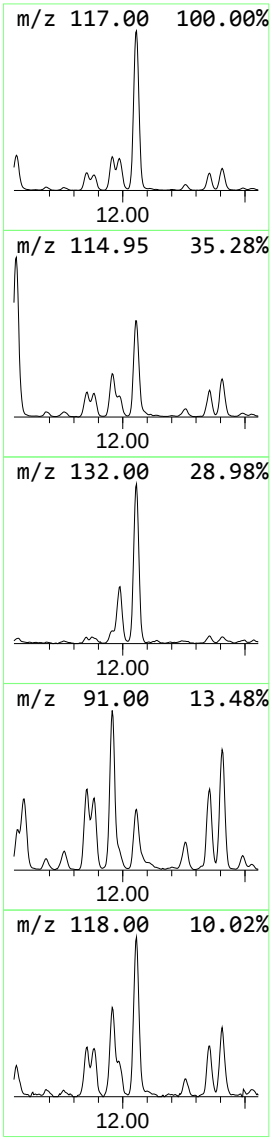
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.056	30.13 ug/L	763823	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

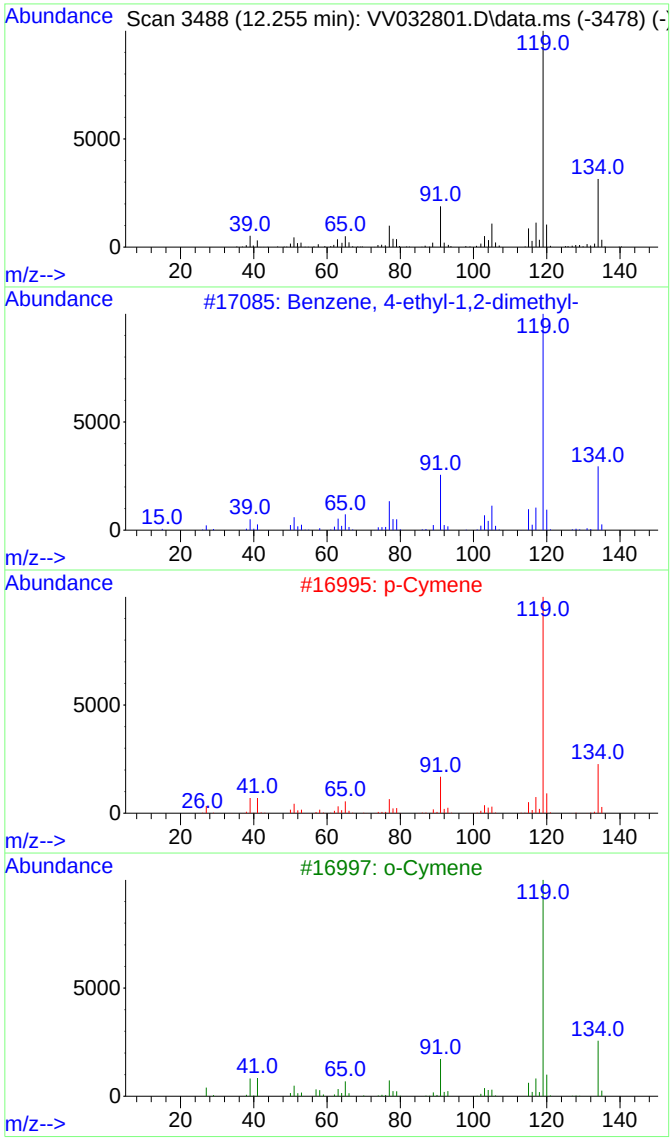
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

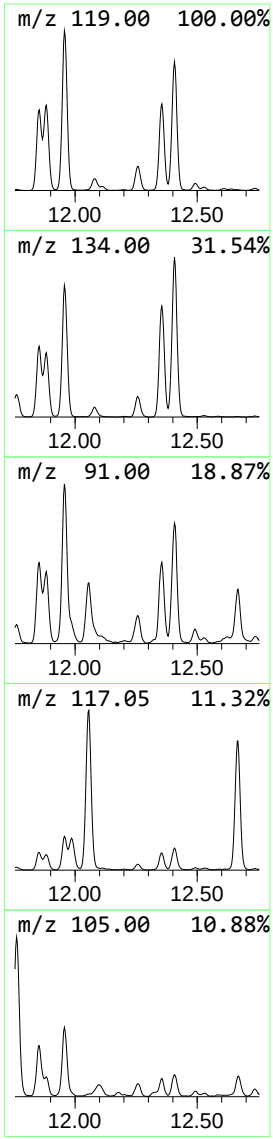
****

Peak Number 16 p-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.255	8.52 ug/L	216073	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

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

****
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.355	27.54 ug/L	698160	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
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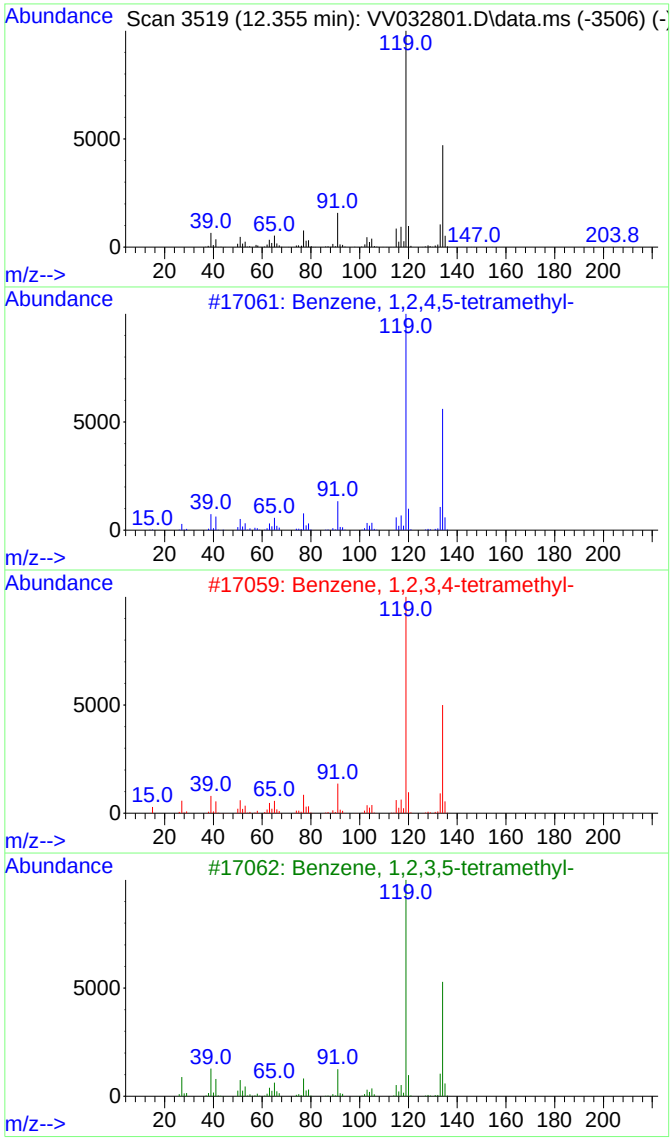
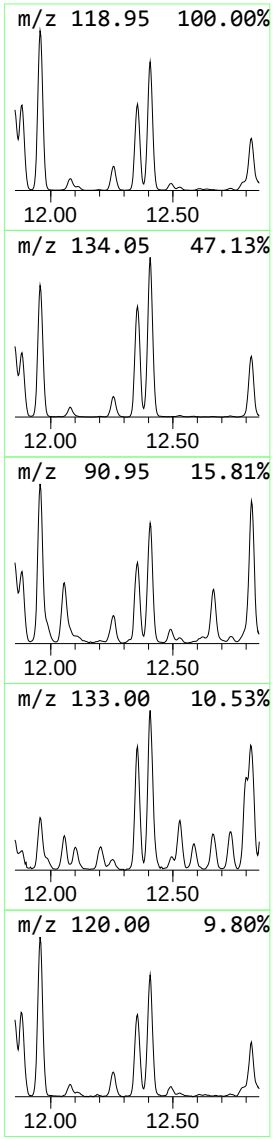




Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

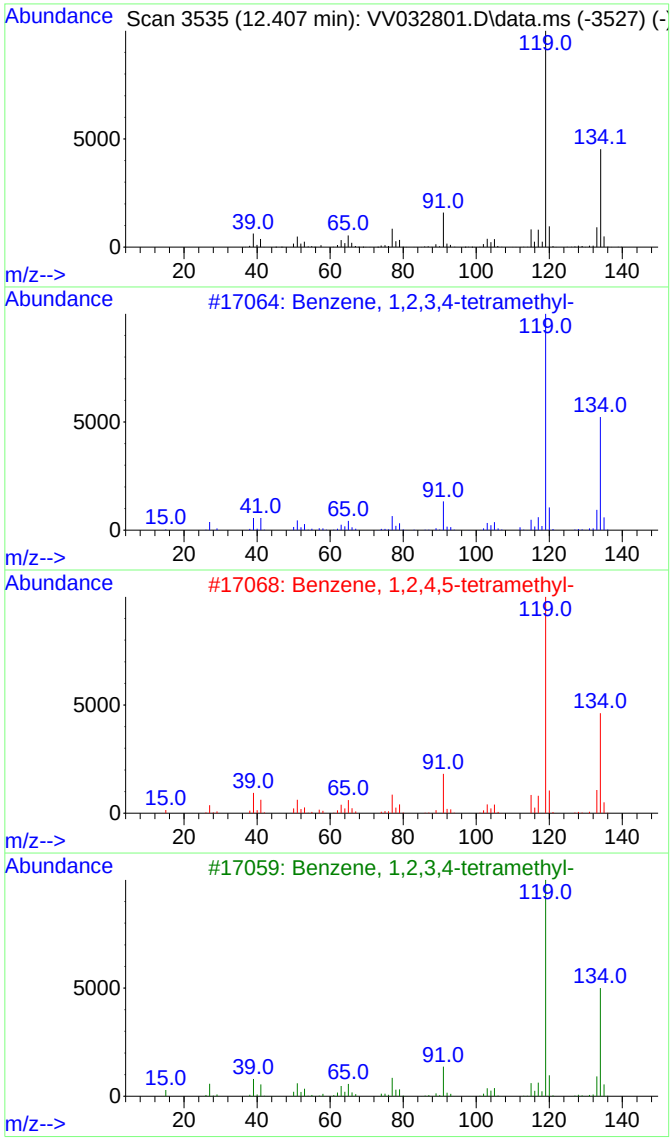
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

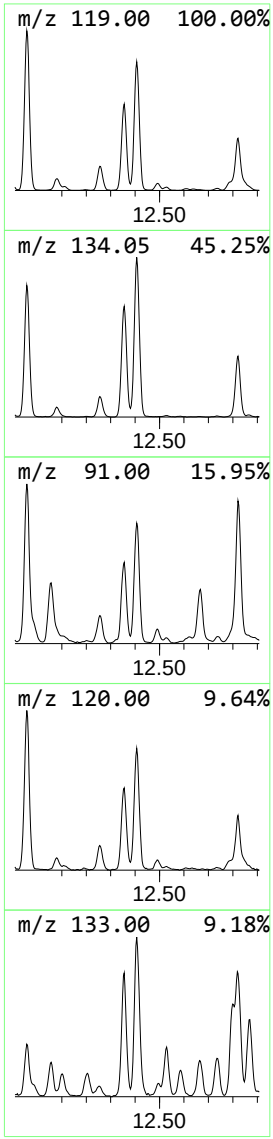
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.407	40.05 ug/L	1015470	1,4-Dichlorobenzene-d4	11.188

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	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

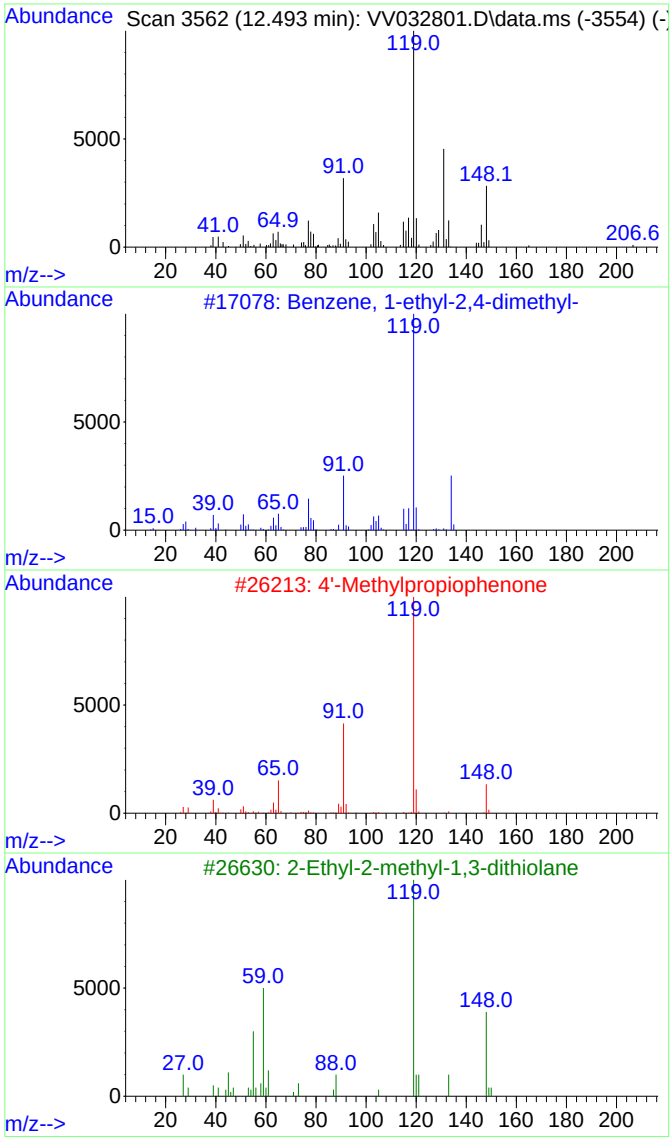
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

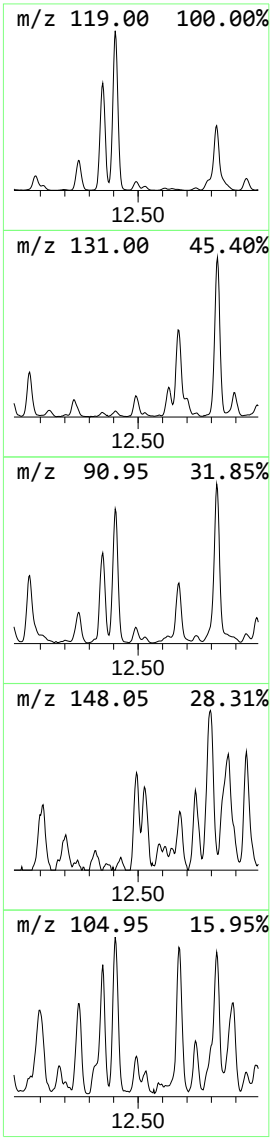
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.493	3.20 ug/L	81061	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
2	4'-Methylpropiophenone	148	C10H12O	005337-93-9	49
3	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	49
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
5	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

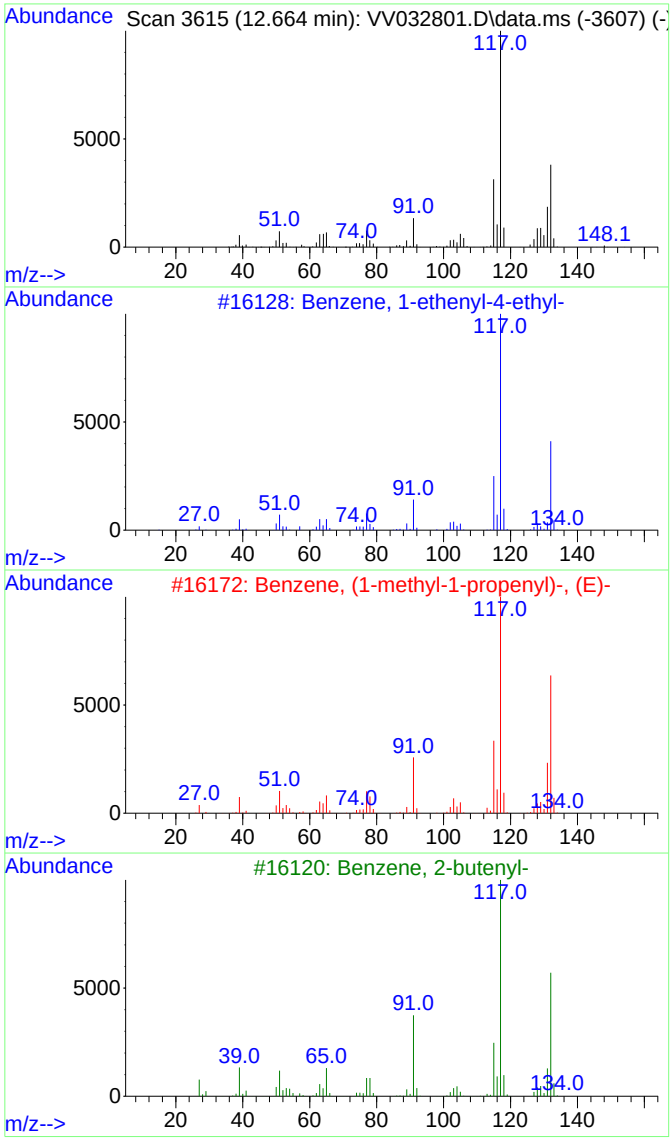
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

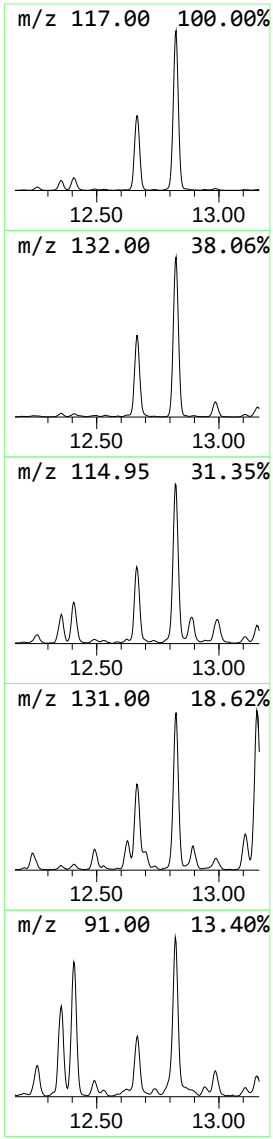
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.664	24.90 ug/L	631422	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

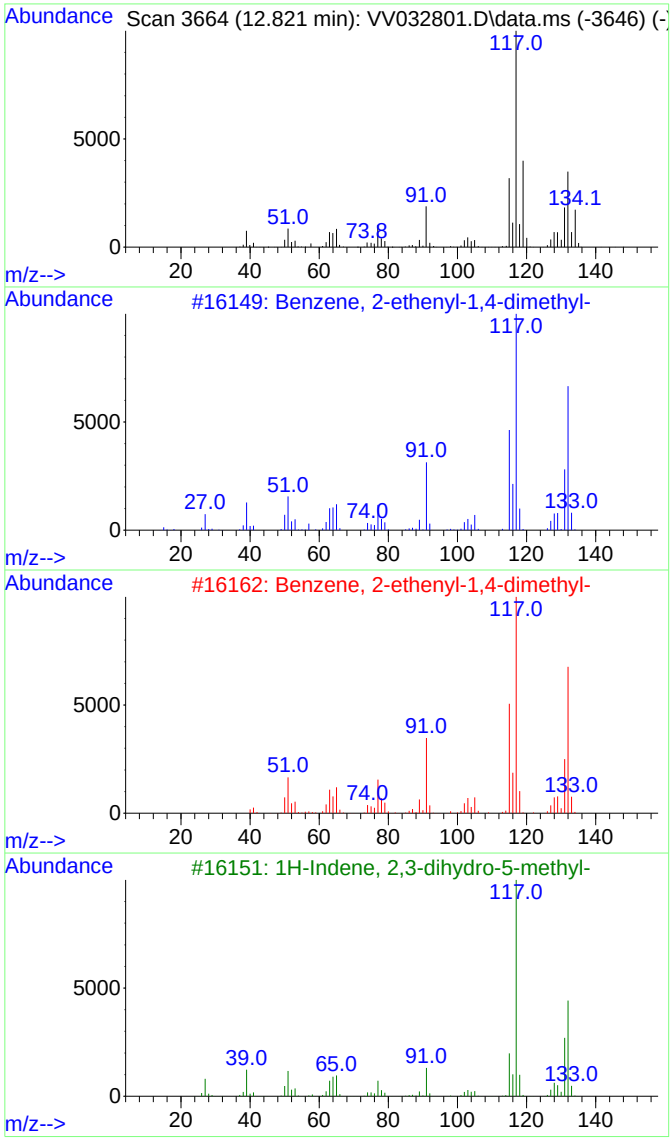
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

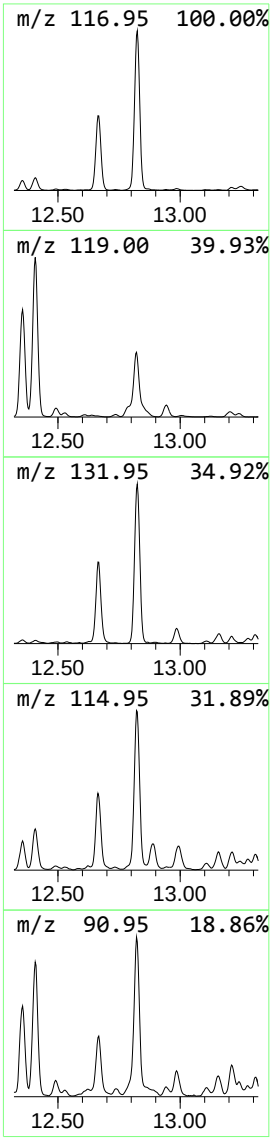
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.821	66.41 ug/L	1683690	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

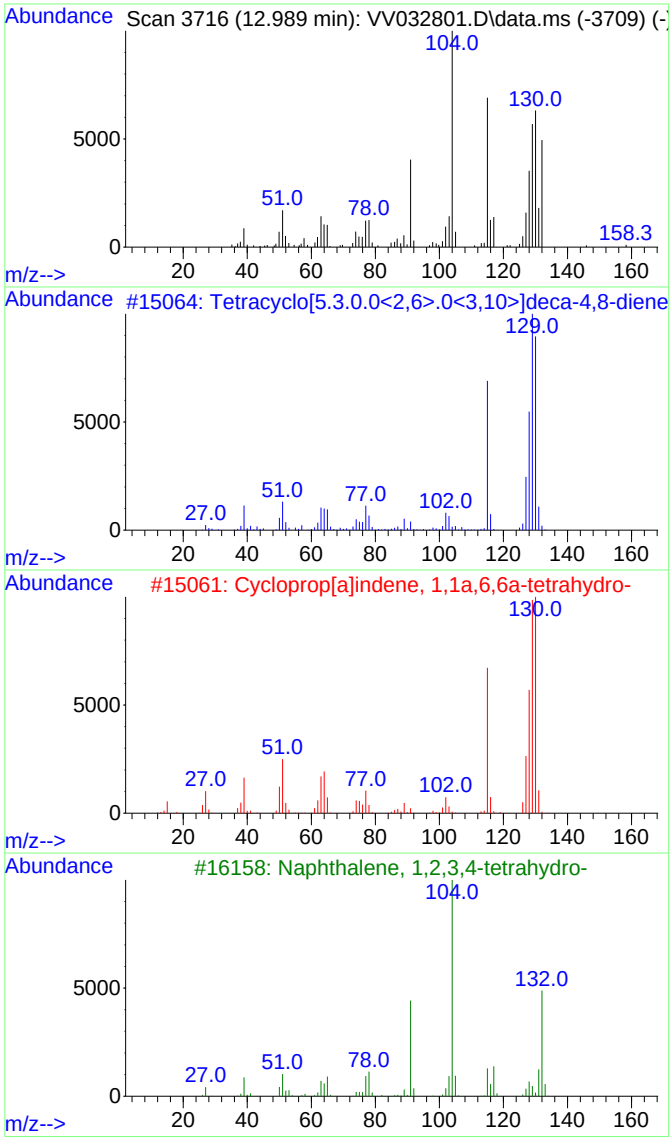
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

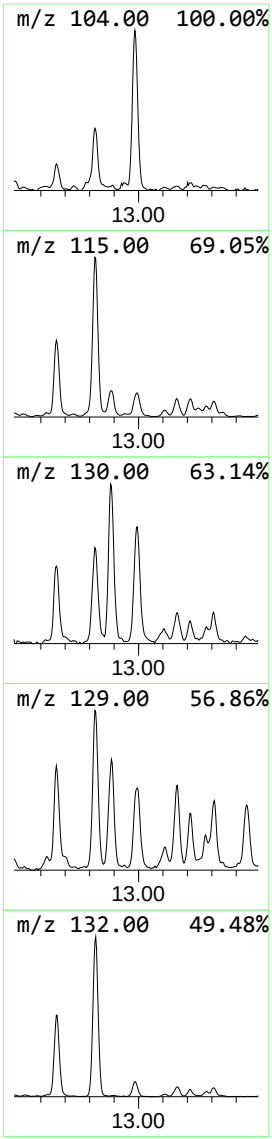
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	7.51 ug/L	190318	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	81
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	60
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

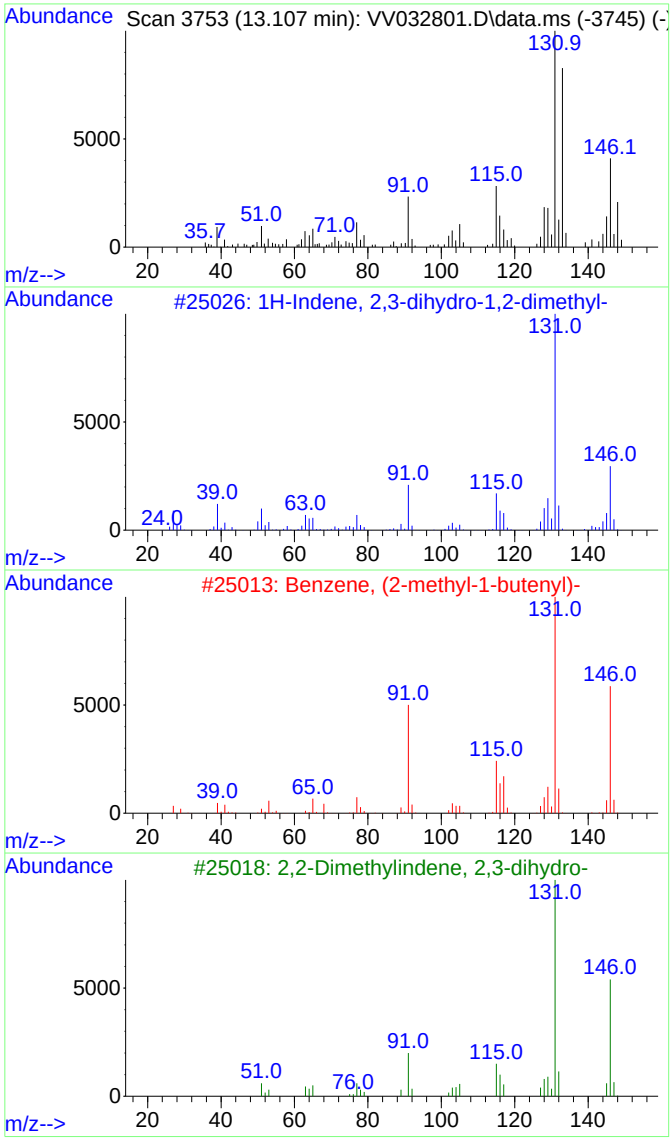
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

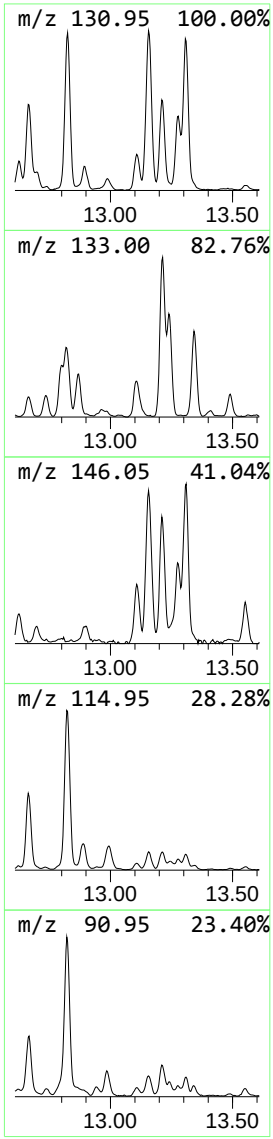
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.108	3.71 ug/L	93974	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	92
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	78
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	60
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

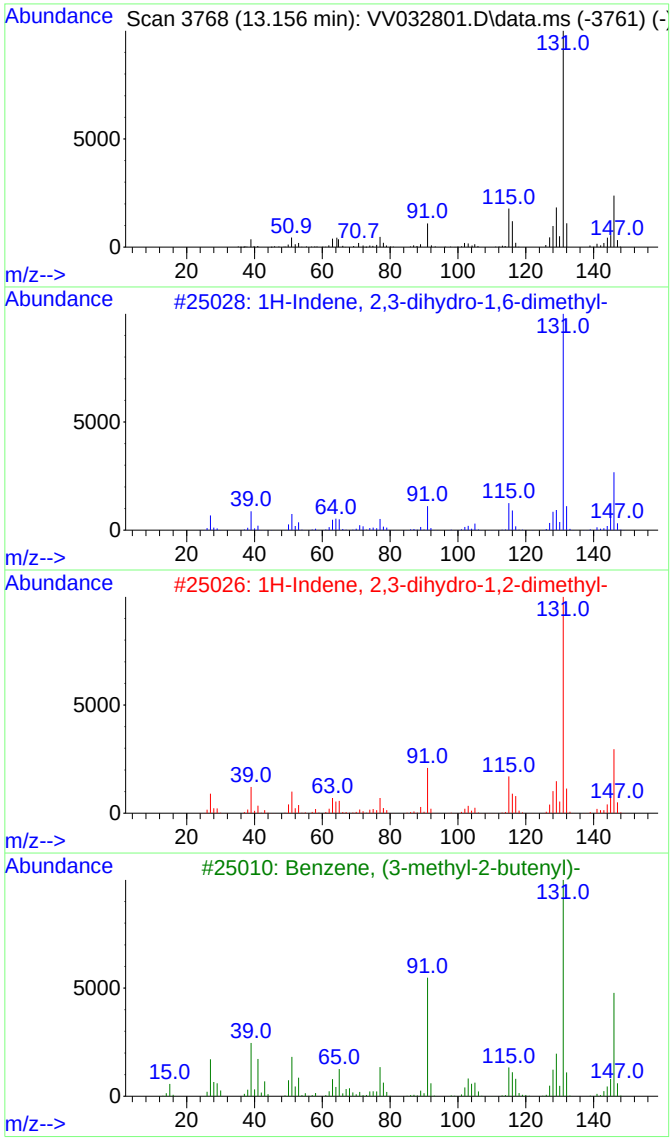
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

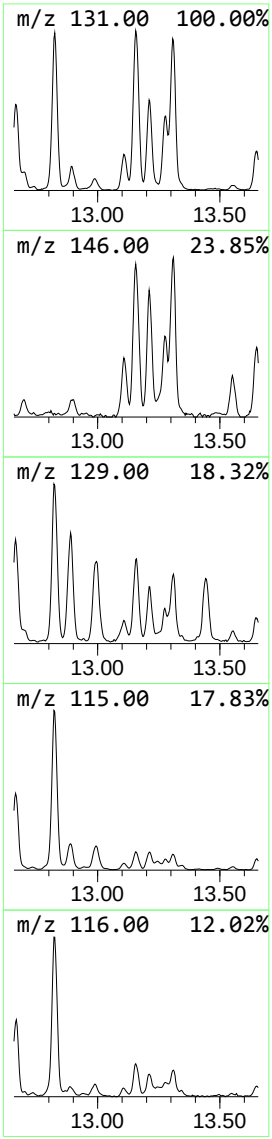
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.156	7.50 ug/L	190080	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

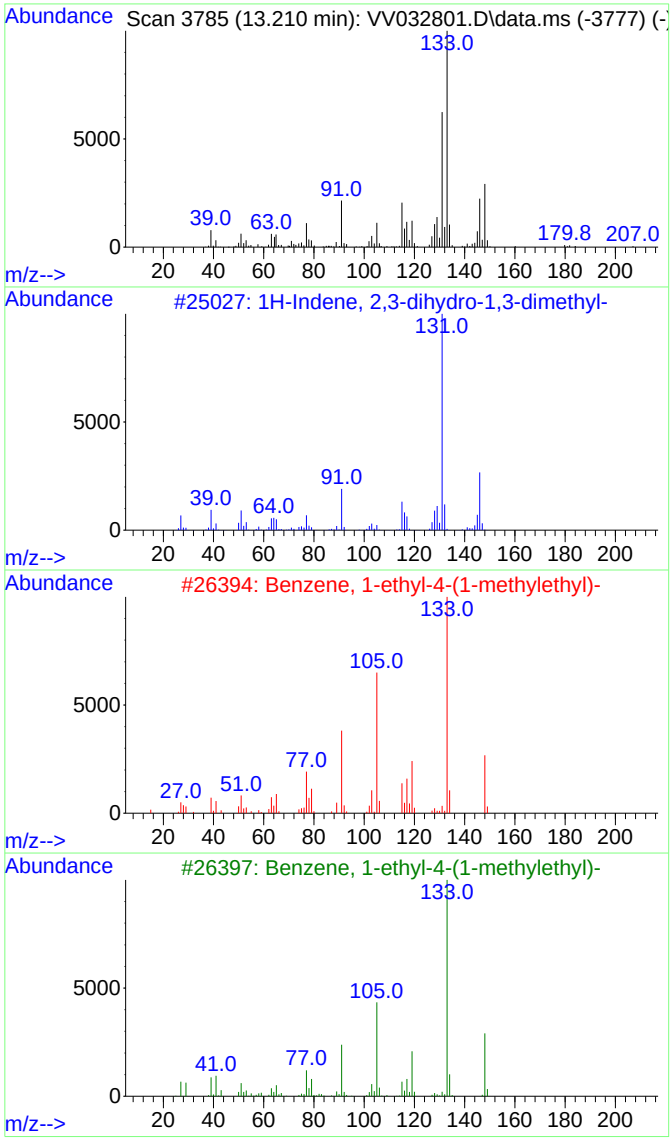
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

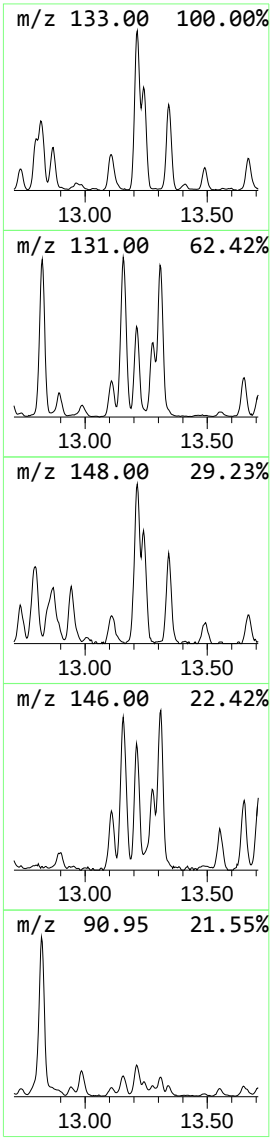
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	11.32 ug/L	287028	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	80
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

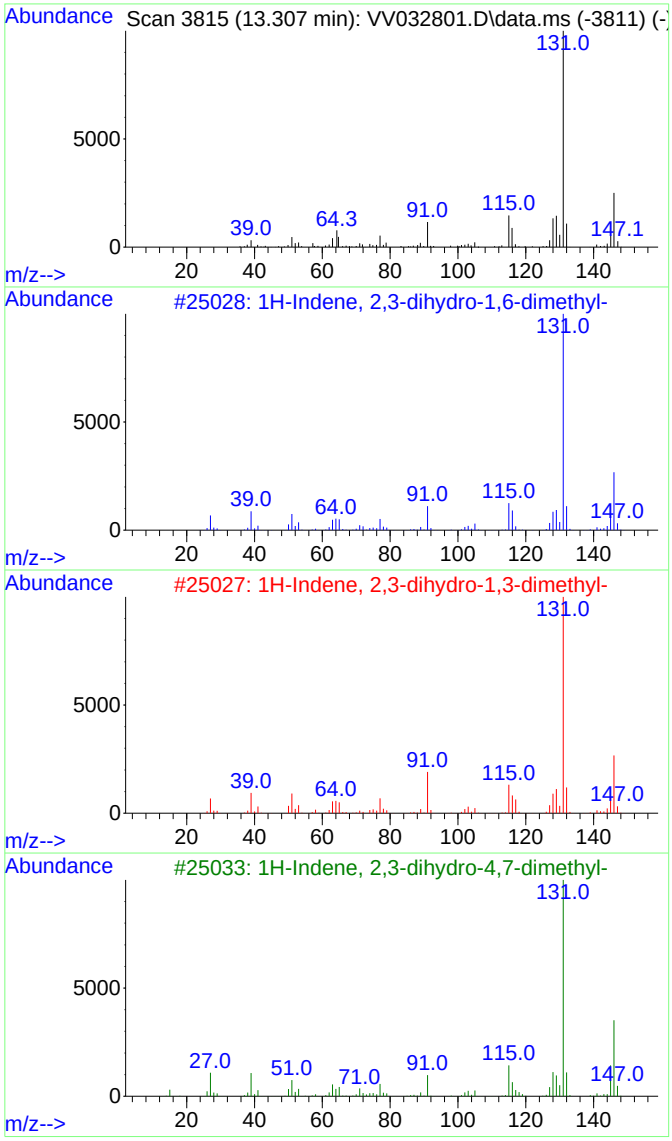
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

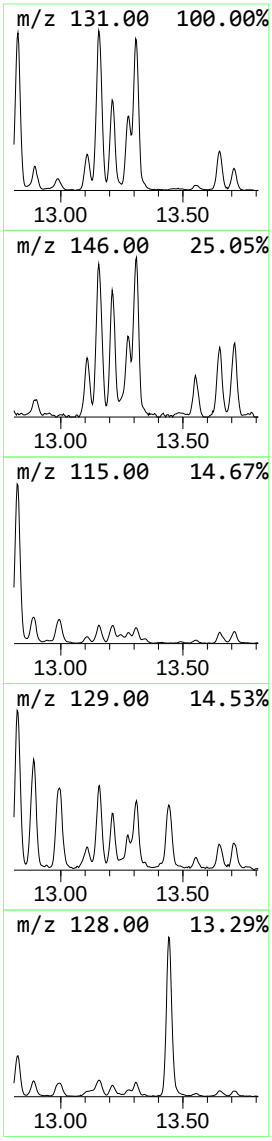
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.307	4.15 ug/L	105125	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	97
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	90
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

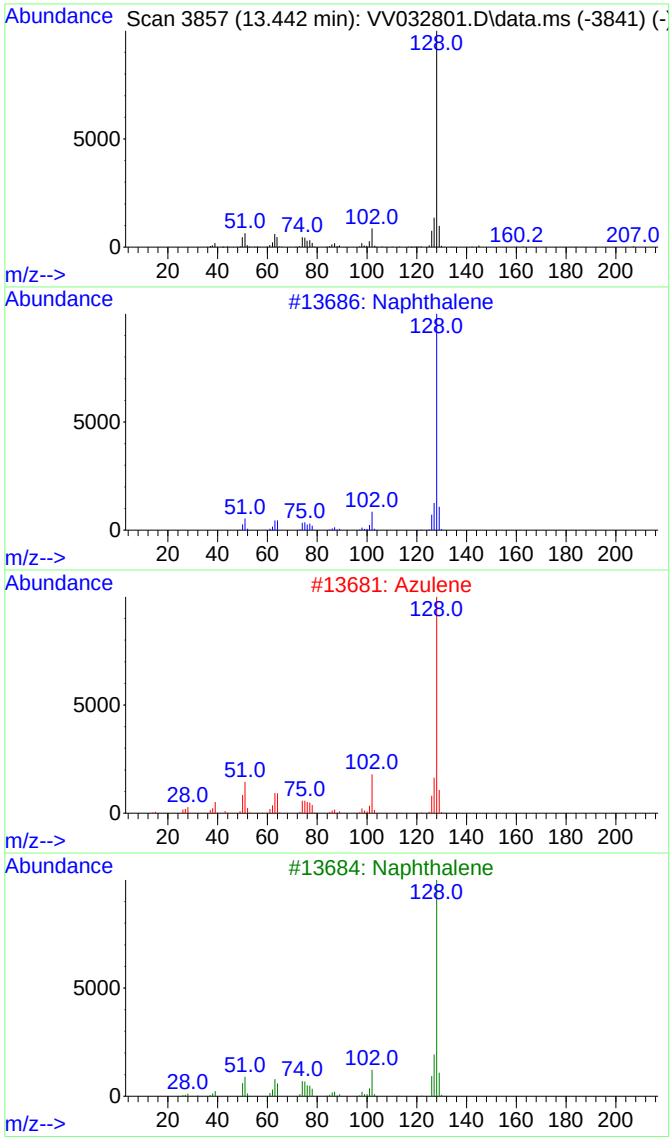
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

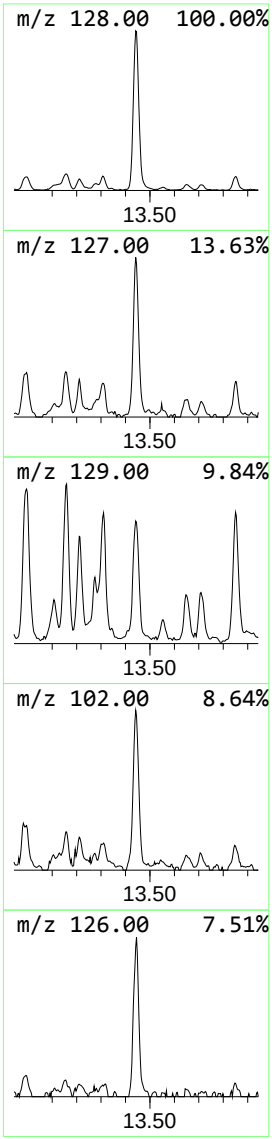
****

Peak Number 27 Azulene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.442	8.72 ug/L	220978	1,4-Dichlorobenzene-d4	11.188

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	Naphthalene	128	C10H8	000091-20-3	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

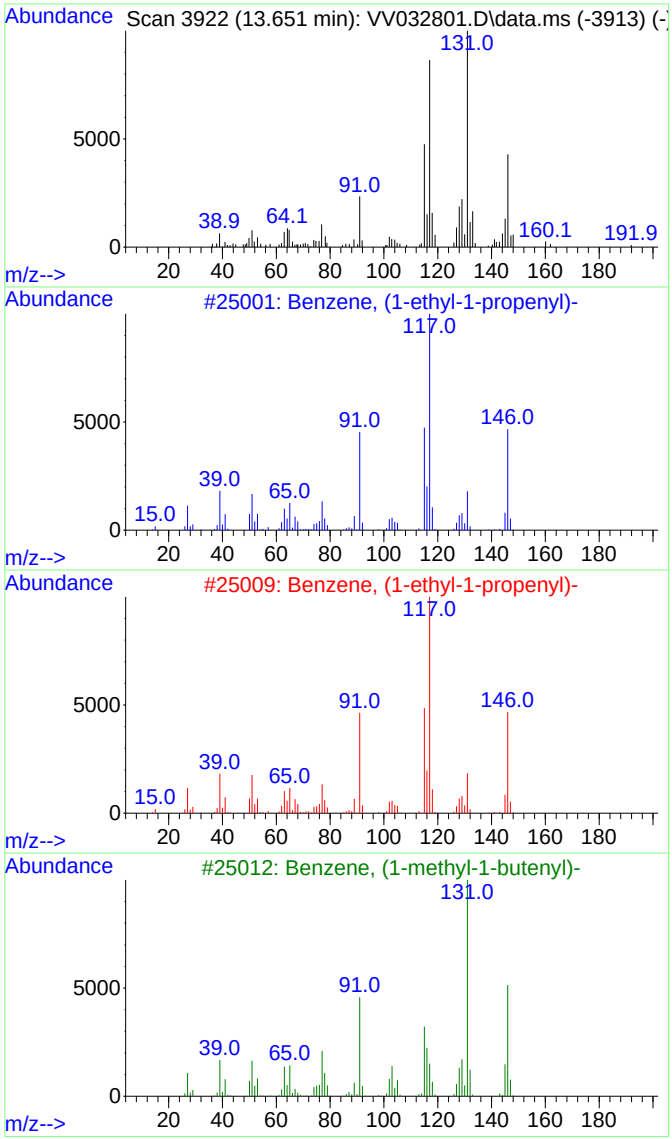
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

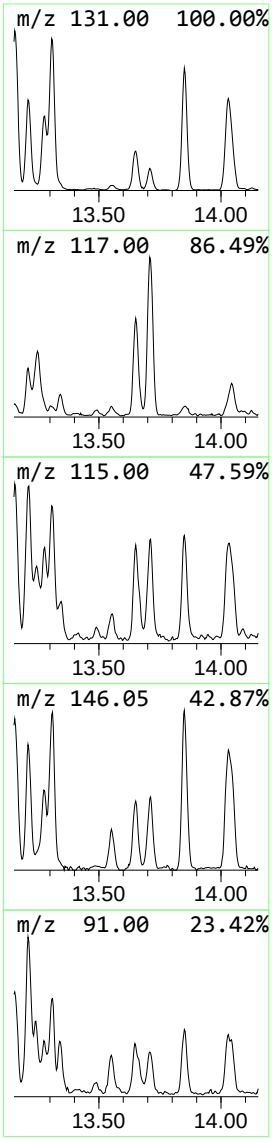
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.651	5.05 ug/L	128033	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	78
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	78
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	76
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

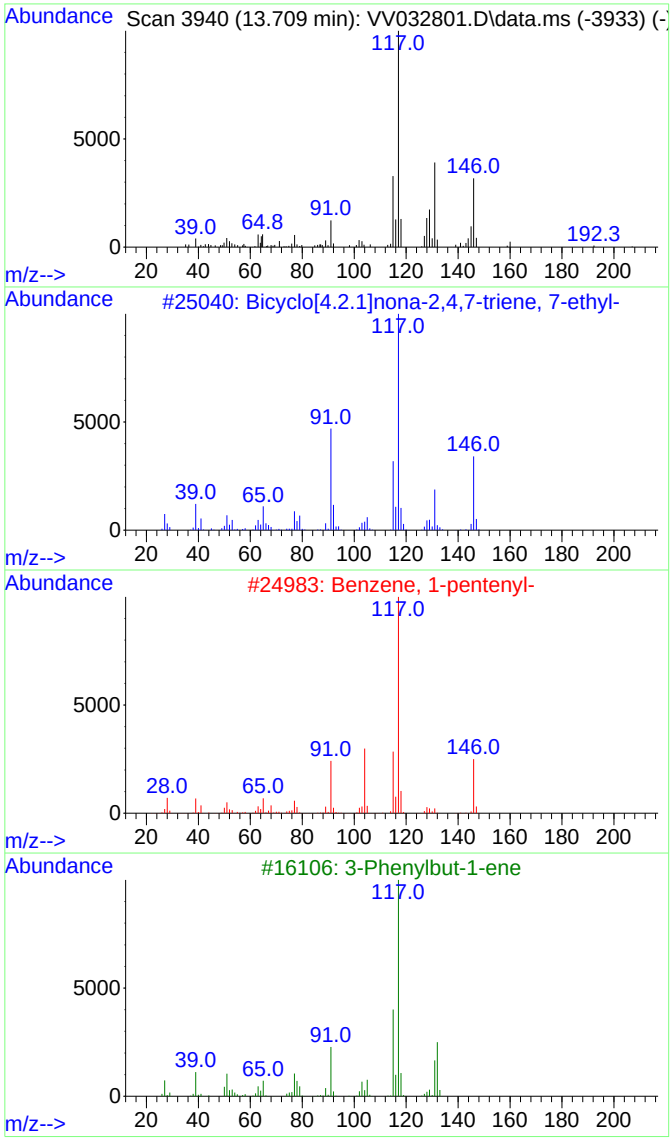
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

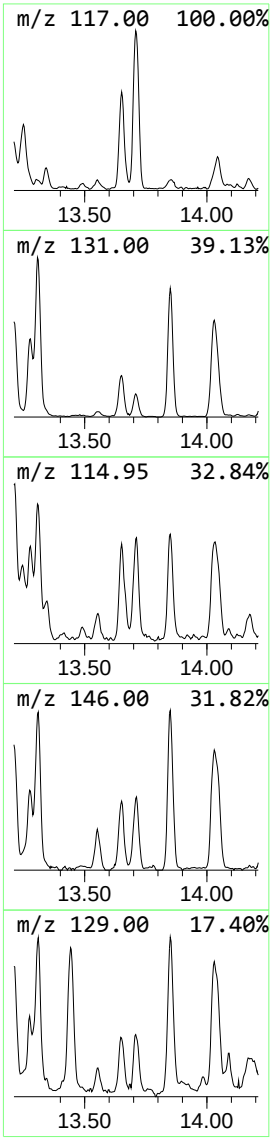
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Bicyclo[4.2.1]nona-2,4,7-tr... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.709	4.02 ug/L	101899	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	64
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	62
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	59
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	58
5	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

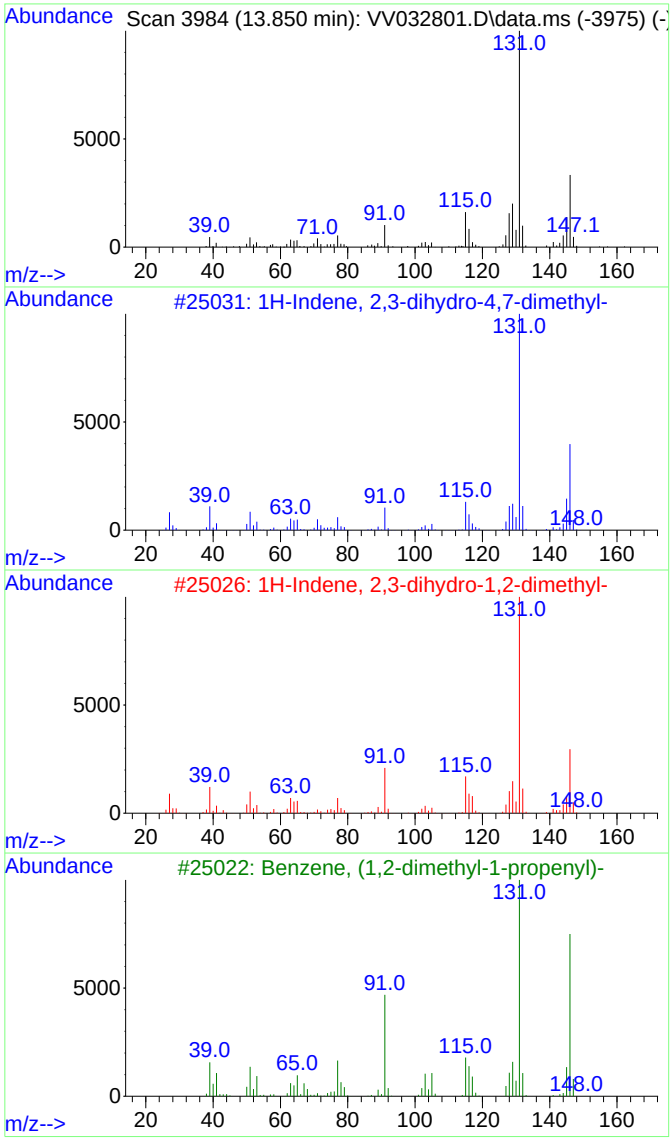
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

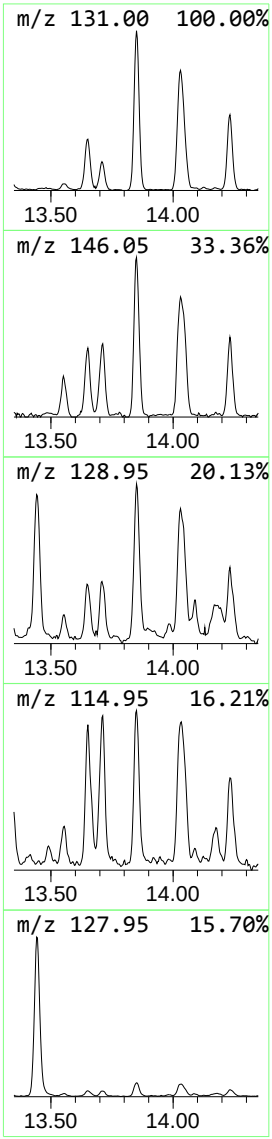
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.850	7.05 ug/L	178820	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

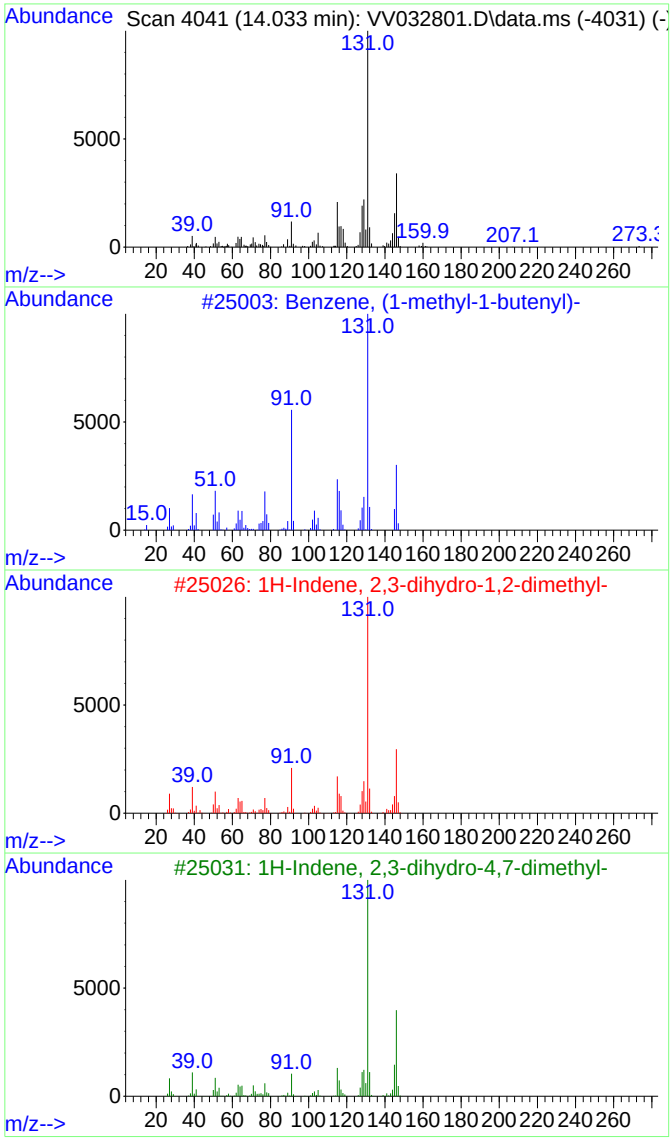
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

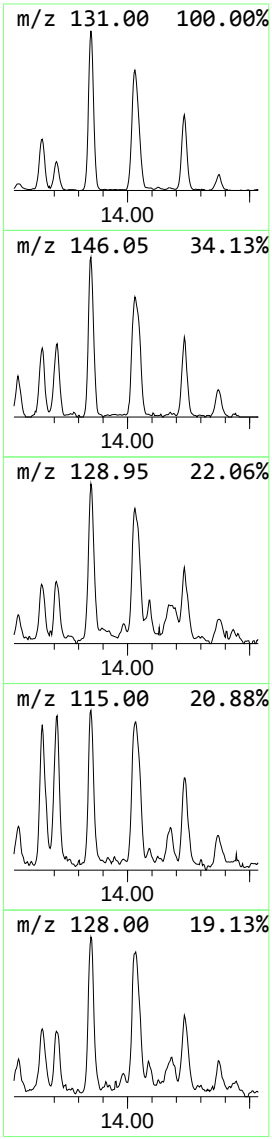
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, (1-methyl-1-butenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.034	8.39 ug/L	212771	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	80
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

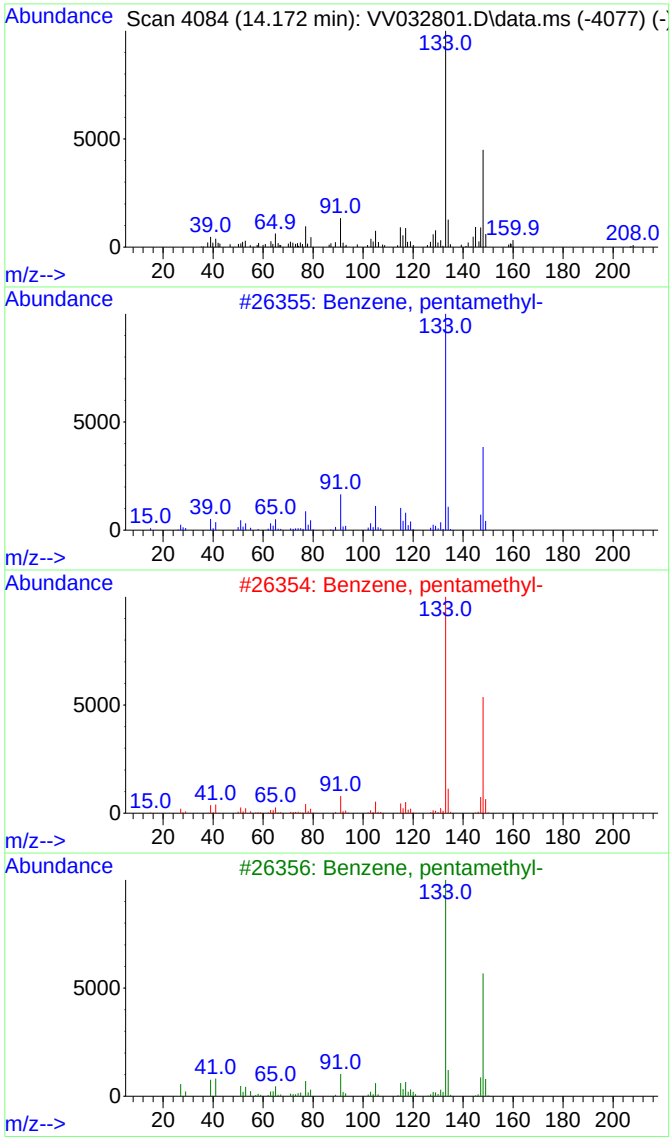
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

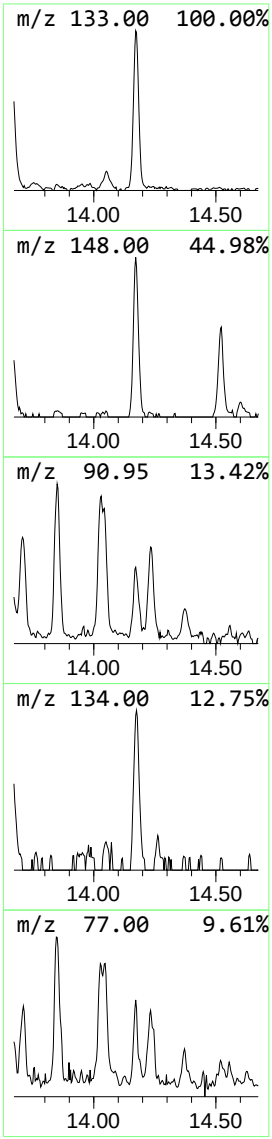
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, pentamethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.172	2.50 ug/L	63432	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	74
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

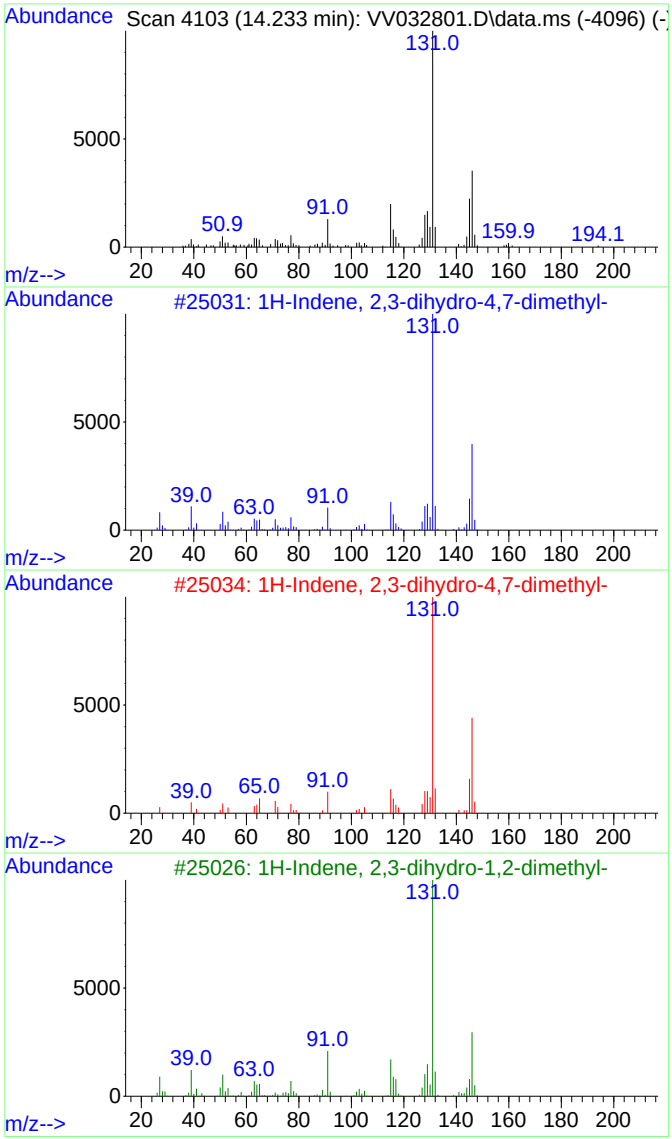
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
Quant Title : VOC Analysis

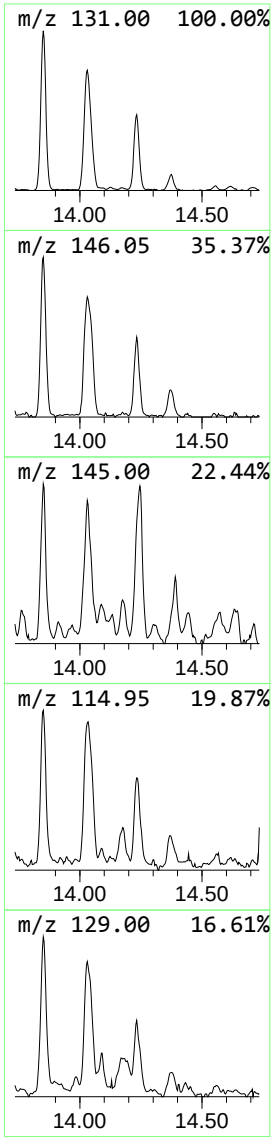
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.233	4.24 ug/L	107551	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103123\
Data File : VV032801.D
Acq On : 31 Oct 2023 16:14
Operator : SY/MD
Sample : 05105-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0004

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.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
Ethene, (methyl...	2.163	2.8	ug/L	44807	1	5.535	802647	50.0
(DEL) Alkane: S...	4.674	7.1	ug/L	113875	1	5.535	802647	50.0
Propanoic acid,...	6.580	3.5	ug/L	55518	1	5.535	802647	50.0
(DEL) Alkane: S...	6.703	4.2	ug/L	67473	1	5.535	802647	50.0
Benzene, propyl-	10.291	23.6	ug/L	599587	3	11.188	1267680	50.0
Benzene, 1-ethy...	10.413	6.0	ug/L	152767	3	11.188	1267680	50.0
Benzene, 1-ethy...	10.677	54.1	ug/L	1371430	3	11.188	1267680	50.0
Benzene, 1,2,3-...	11.275	37.3	ug/L	946200	3	11.188	1267680	50.0
Indane	11.471	39.7	ug/L	1006760	3	11.188	1267680	50.0
Benzene, 1,2-di...	11.686	3.5	ug/L	87594	3	11.188	1267680	50.0
Benzene, 1-meth...	11.760	10.1	ug/L	256017	3	11.188	1267680	50.0
Benzene, 2-ethy...	11.854	25.1	ug/L	636986	3	11.188	1267680	50.0
Benzene, 4-ethy...	11.956	51.4	ug/L	1302480	3	11.188	1267680	50.0
Benzene, 1-ethe...	12.056	30.1	ug/L	763823	3	11.188	1267680	50.0
p-Cymene	12.255	8.5	ug/L	216073	3	11.188	1267680	50.0
Benzene, 1,2,4,...	12.355	27.5	ug/L	698160	3	11.188	1267680	50.0
Benzene, 1,2,3,...	12.407	40.0	ug/L	1015470	3	11.188	1267680	50.0
Benzene, 1-ethy...	12.493	3.2	ug/L	81061	3	11.188	1267680	50.0
Benzene, 1-ethe...	12.664	24.9	ug/L	631422	3	11.188	1267680	50.0
Benzene, 2-ethe...	12.821	66.4	ug/L	1683690	3	11.188	1267680	50.0
Cycloprop[a]ind...	12.989	7.5	ug/L	190318	3	11.188	1267680	50.0
1H-Indene, 2,3-...	13.108	3.7	ug/L	93974	3	11.188	1267680	50.0
1H-Indene, 2,3-...	13.156	7.5	ug/L	190080	3	11.188	1267680	50.0
1H-Indene, 2,3-...	13.210	11.3	ug/L	287028	3	11.188	1267680	50.0
1H-Indene, 2,3-...	13.307	4.2	ug/L	105125	3	11.188	1267680	50.0
Azulene	13.442	8.7	ug/L	220978	3	11.188	1267680	50.0
Benzene, (1-eth...	13.651	5.0	ug/L	128033	3	11.188	1267680	50.0
Bicyclo[4.2.1]n...	13.709	4.0	ug/L	101899	3	11.188	1267680	50.0
Benzene, (1,2-d...	13.850	7.0	ug/L	178820	3	11.188	1267680	50.0
Benzene, (1-met...	14.034	8.4	ug/L	212771	3	11.188	1267680	50.0
Benzene, pentam...	14.172	2.5	ug/L	63432	3	11.188	1267680	50.0
1H-Indene, 2,3-...	14.233	4.2	ug/L	107551	3	11.188	1267680	50.0