LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

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\SFAMVLM053024SMA.M
Title : VOC Analysis

Signal : TIC: VV036078.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.211	48	53	56	rBV3	4701	5454	0.01%	0.003%
2	1.272	64	72	89	rBV	407809	452960	0.49%	0.249%
3	1.356	89	98	113	rVB	46756	83718	0.09%	0.046%
4	1.526	142	151	164	rVB	337061	407318	0.44%	0.224%
5	2.050	303	314	334	rBV	658556	992049	1.08%	0.546%
6	2.159	334	348	360	rVV	8229	26986	0.03%	0.015%
7	2.233	361	371	391	rVB	290374	456815	0.50%	0.251%
8	2.442	423	436	458	rBV	138133	245035	0.27%	0.135%
9	2.519	458	460	463	rVV3	1253	1022	0.00%	0.001%
10	2.555	463	471	484	rVB	5295	10468	0.01%	0.006%
11	2.886	567	574	575	rBV4	3061	2897	0.00%	0.002%
12	2.963	586	598	616	rVB	42522	84763	0.09%	0.047%
13	3.150	647	656	657	rBV4	751	963	0.00%	0.001%
14	3.593	785	794	799	rBV5	658	1039	0.00%	0.001%
15	3.664	809	816	817	rBV3	886	982	0.00%	0.001%
16	3.831	851	868	918	rBV3	46257	234263	0.26%	0.129%
17	4.243	978	996	1035	rBV	446865	1178263	1.28%	0.648%
18	4.577	1085	1100	1112	rVB	2613	6764	0.01%	0.004%
19	4.950	1198	1216	1261	rBV2	1085784	2823670	3.08%	1.553%
20	5.420	1359	1362	1367	rVV4	912	991	0.00%	0.001%
21	5.529	1385	1396	1427	rBV	747175	1564569	1.71%	0.860%
22	5.828	1475	1489	1521	rBV2	798839	1675919	1.83%	0.922%
23	5.986	1525	1538	1569	rVV	623209	1306328	1.42%	0.718%
24	6.172	1594	1596	1604	rVB8	1420	1239	0.00%	0.001%
25	6.281	1623	1630	1634	rBV7	1517	1822	0.00%	0.001%
26	6.494	1688	1696	1699	rVV6	1420	1916	0.00%	0.001%
27	6.510	1699	1701	1707	rVV6	1113	786	0.00%	0.000%
28	6.912	1814	1826	1861	rBV	289542	569161	0.62%	0.313%
29	7.066	1872	1874	1883	rVB5	1476	1767	0.00%	0.001%
30	7.240	1916	1928	1941	rBV	1278440	2181466	2.38%	1.200%
31	7.313	1941	1951	1978	rVB	1045023	1840338	2.01%	1.012%
32	7.551	2015	2025	2062	rBV	183278	351324	0.38%	0.193%
33	7.908	2115	2136	2166	rBV	50470901	91742752	100.00%	50.458%
34	8.027	2166	2173	2221	rVB	204812	470865	0.51%	0.259%
35	8.783	2396	2408	2434	rBV	1093120	1803437	1.97%	0.992%
36	8.944	2445	2458	2486	rBV	3777886	5748975	6.27%	3.162%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

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\SFAMVLM053024SMA.M
Title : VOC Analysis

37	9.072	2486	2498	2533	rVB	1745601	2775737	3.03%	1.527%
38	9.268	2556	2559	2573	rVB9	2520	4242	0.00%	0.002%
39	9.432	2606	2610	2611	rBV3	1530	915	0.00%	0.001%
40	9.474	2611	2623	2658	rVV	1839902	2826953	3.08%	1.555%
41	9.641	2673	2675	2689	rVB	3084	5360	0.01%	0.003%
42	9.725	2694	2701	2702	rBV6	2268	2272	0.00%	0.001%
43	9.789	2713	2721	2729	rVB6	1737	3041	0.00%	0.002%
44	9.866	2733	2745	2767	rBV	205988	329783	0.36%	0.181%
45	10.024	2784	2794	2797	rBV8	1404	2166	0.00%	0.001%
46	10.053	2800	2803	2814	rVB7	2416	3477	0.00%	0.002%
47	10.149	2818	2833	2850	rBV	363437	583002	0.64%	0.321%
48	10.223	2851	2856	2864	rVB7	4176	6331	0.01%	0.003%
49	10.288	2864	2876	2896	rBV	218380	381824	0.42%	0.210%
50	10.407	2896	2913	2924	rBV	1425283	2186706	2.38%	1.203%
51	10.474	2924	2934	2955	rVB	1254213	1869884	2.04%	1.028%
52	10.673	2984	2996	3004	rBV	253502	406423	0.44%	0.224%
53	10.847	3032	3050	3067	rBV	3143290	4454587	4.86%	2.450%
54	10.927	3068	3075	3089	rVB	33030	58836	0.06%	0.032%
55	11.030	3101	3107	3119	rVB7	7513	11775	0.01%	0.006%
56	11.130	3125	3138	3145	rBV3	34673	57555	0.06%	0.032%
57	11.182	3145	3154	3171	rVV	906055	1388345	1.51%	0.764%
58	11.272	3171	3182	3193	rVV	820249	1209127	1.32%	0.665%
59	11.333	3193	3201	3216	rVB	283750	426235	0.46%	0.234%
60	11.461	3230	3241	3260	rBV	399231	689112	0.75%	0.379%
61	11.558	3261	3271	3299	rVV	789432	1308161	1.43%	0.719%
62	11.683	3300	3310	3329	rVV	154620	247638	0.27%	0.136%
63	11.850	3352	3362	3367	rBV2	21719	36198	0.04%	0.020%
64	11.953	3382	3394	3399	rBV	31311	50453	0.05%	0.028%
65	11.982	3400	3403	3413	rVV	26314	35112	0.04%	0.019%
66	12.050	3414	3424	3442	rVB2	43735	81336	0.09%	0.045%
67	12.191	3460	3468	3477	rVV2	15061	25225	0.03%	0.014%
68	12.252	3477	3487	3495	rVV2	15509	28283	0.03%	0.016%
69	12.300	3495	3502	3511	rVV3	14105	24889	0.03%	0.014%
70	12.352	3511	3518	3525	rVV2	15412	22329	0.02%	0.012%
71	12.403	3525	3534	3551	rVV3	41980	71763	0.08%	0.039%
72	12.580	3583	3589	3599	rVB3	5168	8421	0.01%	0.005%
73	12.661	3604	3614	3628	rVV	46476	72197	0.08%	0.040%
74	12.818	3646	3663	3675	rBV2	112695	178444	0.19%	0.098%
75	12.886	3675	3684	3696	rVV3	17690	32118	0.04%	0.018%
76	12.992	3704	3717	3733	rVV2	90203	171693	0.19%	0.094%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

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\SFAMVLM053024SMA.M
Title : VOC Analysis

77	13.085	3737	3746	3757	rVV2	17174	29103	0.03%	0.016%
78	13.210	3777	3785	3791	rBV9	2521	3057	0.00%	0.002%
79	13.435	3840	3855	3882	rBV2	26965945	42366910	46.18%	23.301%
80	13.554	3883	3892	3918	rVB	355347	609335	0.66%	0.335%
81	13.683	3924	3932	3946	rVB2	25973	43256	0.05%	0.024%
82	13.982	4017	4025	4036	rVB	15165	25941	0.03%	0.014%
83	14.033	4037	4041	4044	rBV6	1118	975	0.00%	0.001%
84	14.124	4063	4069	4076	rVB7	3203	3547	0.00%	0.002%
85	14.281	4114	4118	4120	rBV3	1681	1190	0.00%	0.001%
86	14.516	4185	4191	4197	rBV6	3207	4785	0.01%	0.003%
87	14.570	4199	4208	4225	rVV	78635	128694	0.14%	0.071%
88	14.699	4244	4248	4253	rVB7	1196	1181	0.00%	0.001%
89	14.754	4255	4265	4280	rBV	48947	85715	0.09%	0.047%
90	15.127	4376	4381	4385	rBV7	739	863	0.00%	0.000%
91	15.168	4389	4394	4395	rBV3	1111	1017	0.00%	0.001%
92	15.307	4428	4437	4447	rBV2	11956	21061	0.02%	0.012%
93	15.493	4485	4495	4502	rBV2	8633	13231	0.01%	0.007%
94	15.609	4513	4531	4547	rBV5	15678	40908	0.04%	0.022%
95	15.747	4566	4574	4581	rBV2	22292	35578	0.04%	0.020%
96	15.786	4583	4586	4599	rVB2	10508	15627	0.02%	0.009%
97	15.892	4616	4619	4626	rVB6	2098	2260	0.00%	0.001%
98	15.953	4630	4638	4640	rVV8	3467	4452	0.00%	0.002%
99	15.979	4641	4646	4655	rVB6	7348	10938	0.01%	0.006%
100	16.226	4713	4723	4731	rBV5	7227	14763	0.02%	0.008%

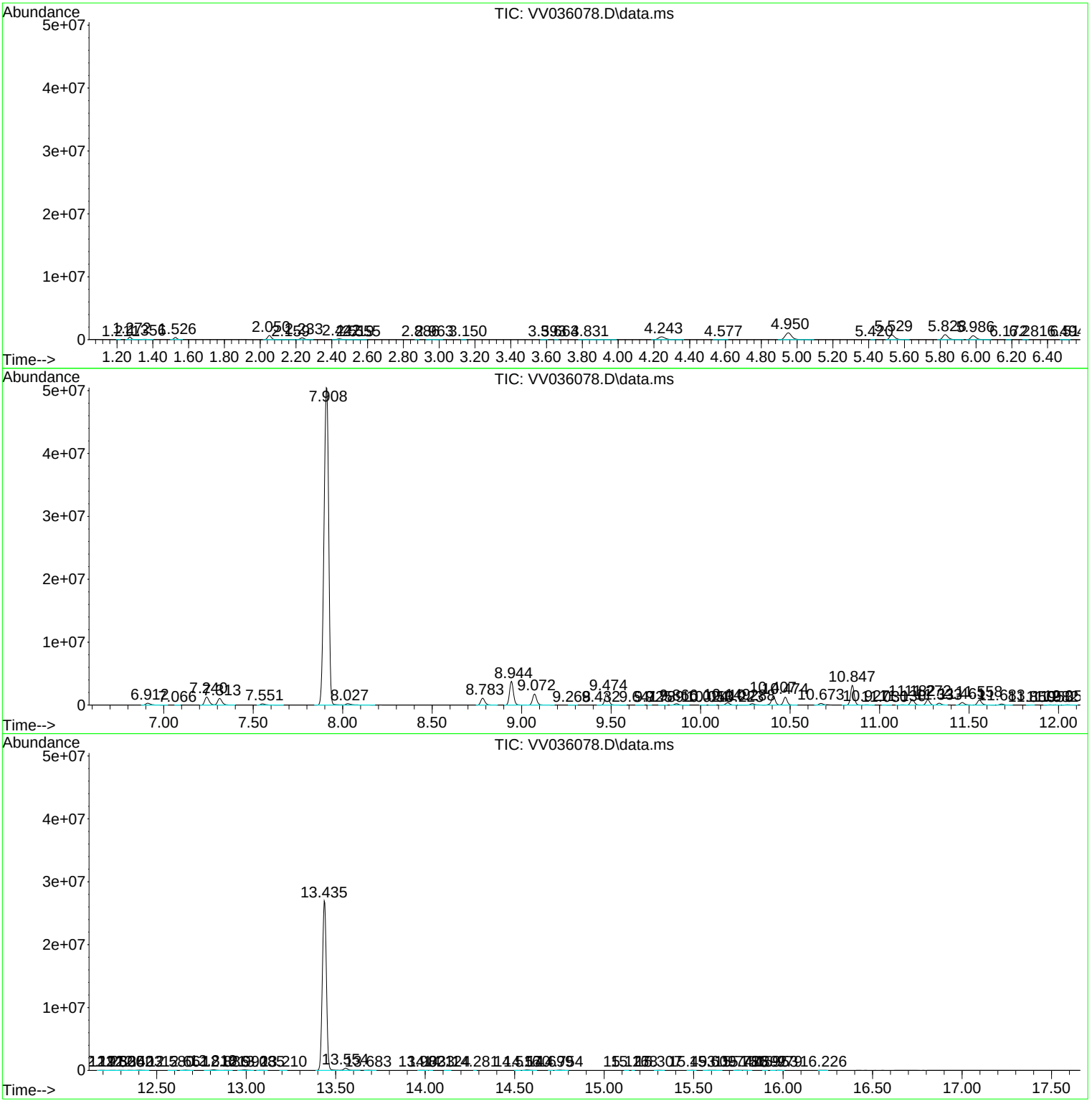
Sum of corrected areas: 181821419

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

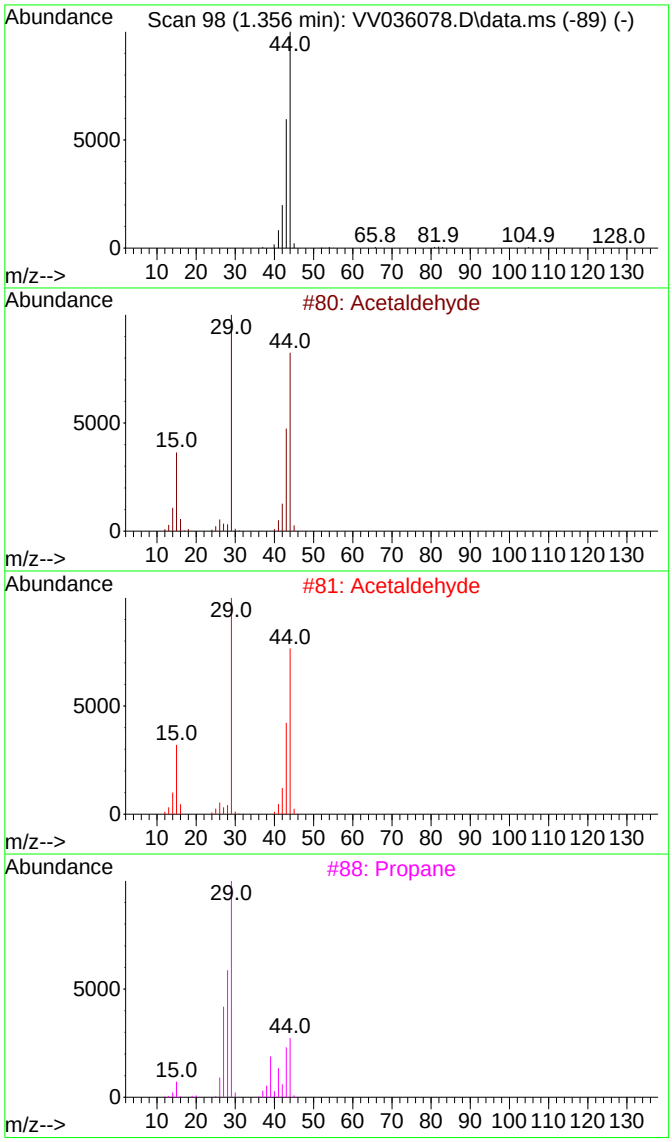
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

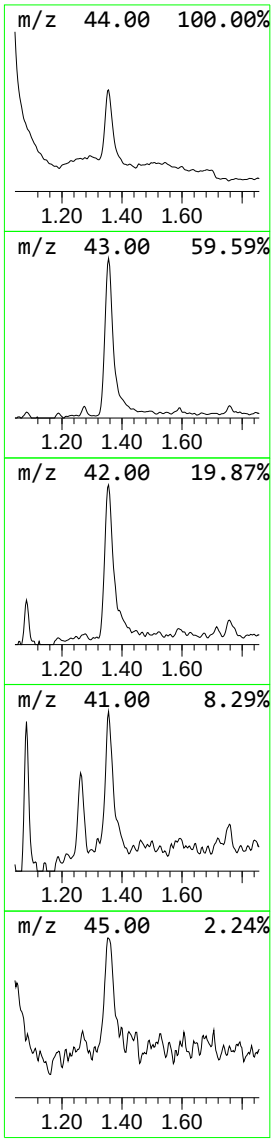
****

Peak Number 1 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.356	1.34 ug/L	83718	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	9
2	Acetaldehyde	44	C2H4O	000075-07-0	9
3	Propane	44	C3H8	000074-98-6	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

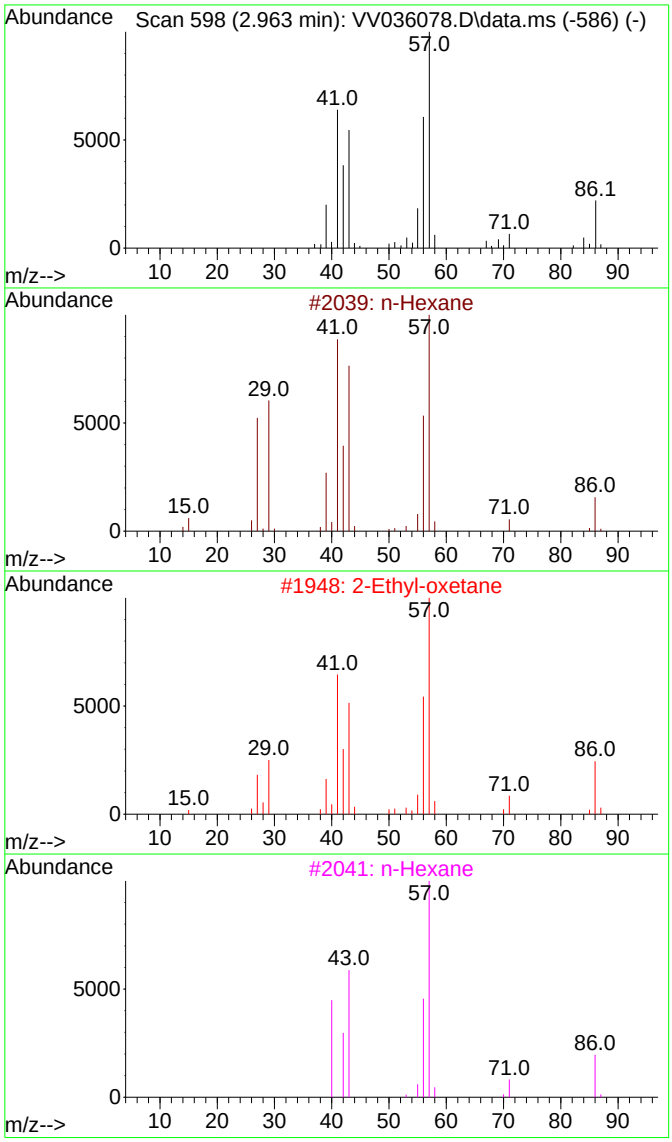
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

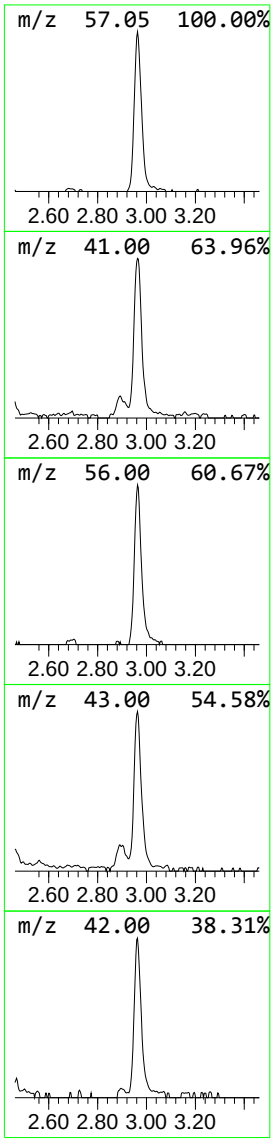
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.35 ug/L	84763	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	83
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	52
5	n-Hexane	86	C6H14	000110-54-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

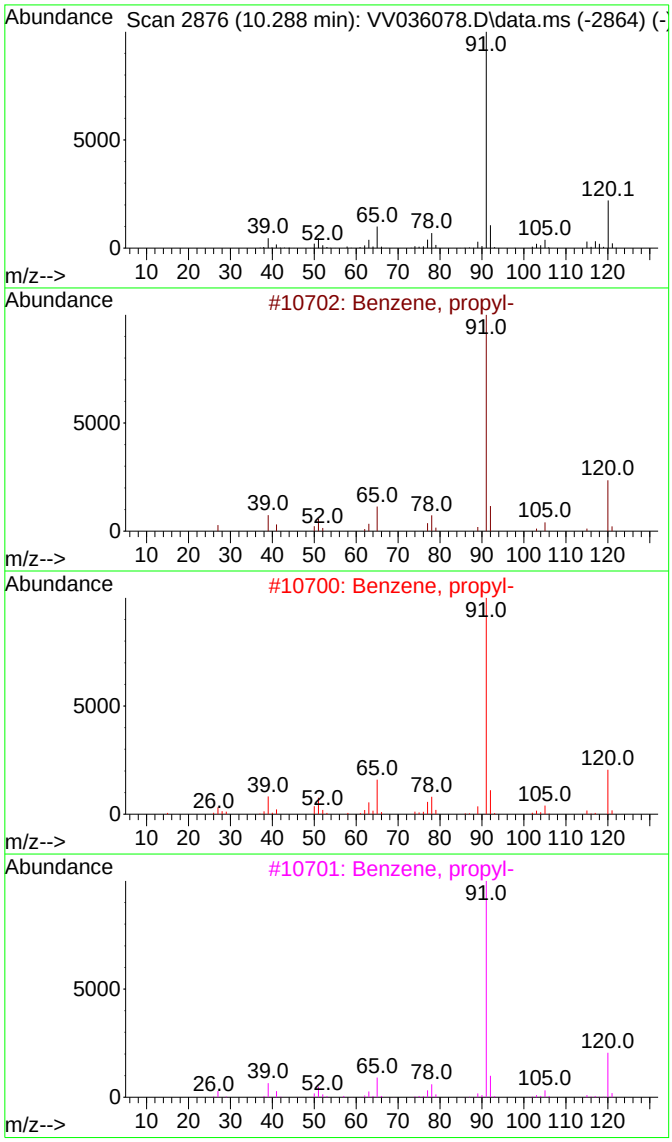
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

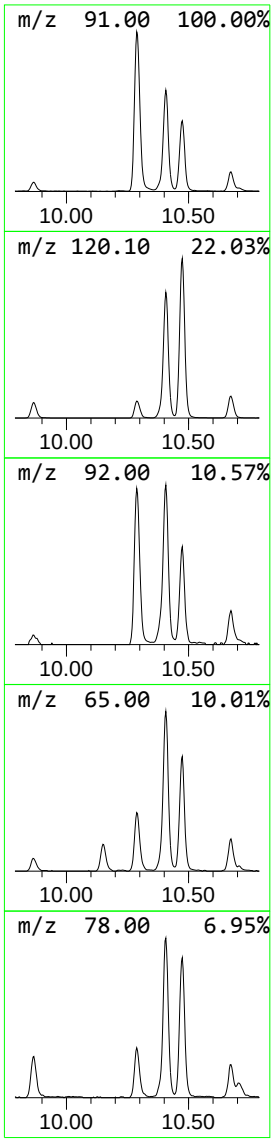
****

Peak Number 4 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.288	6.88 ug/L	381824	1,4-Dichlorobenzene-d4	11.185

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	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	83
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

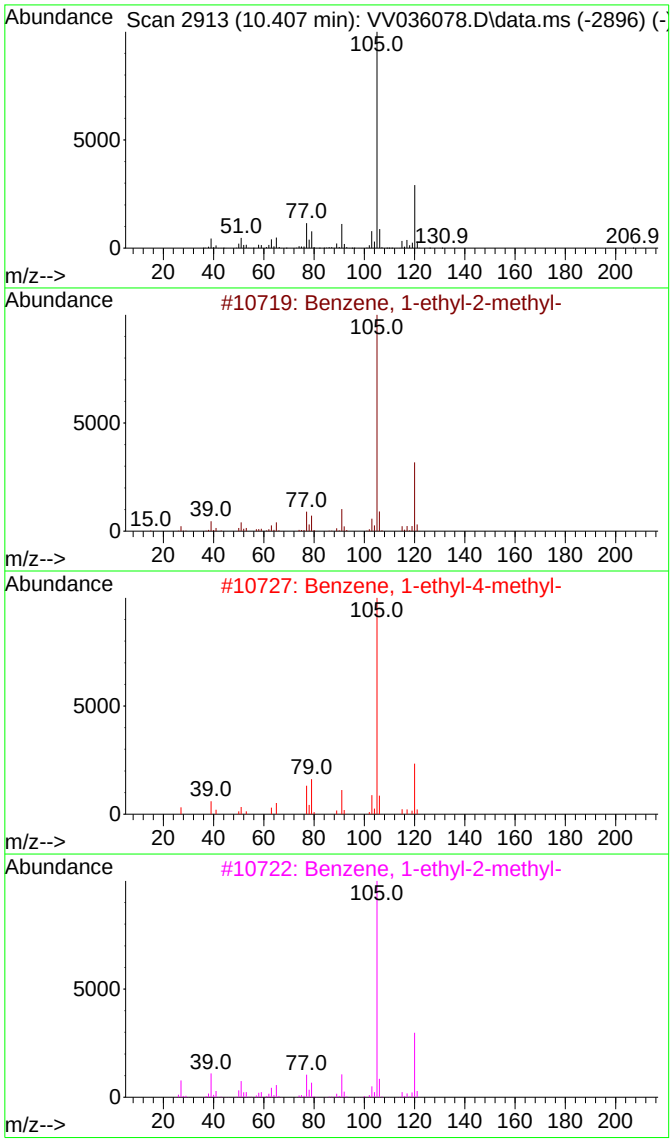
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

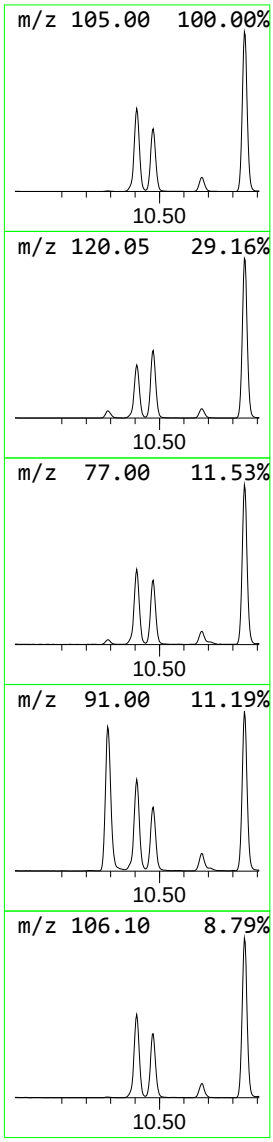
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.407	39.38 ug/L	2186710	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

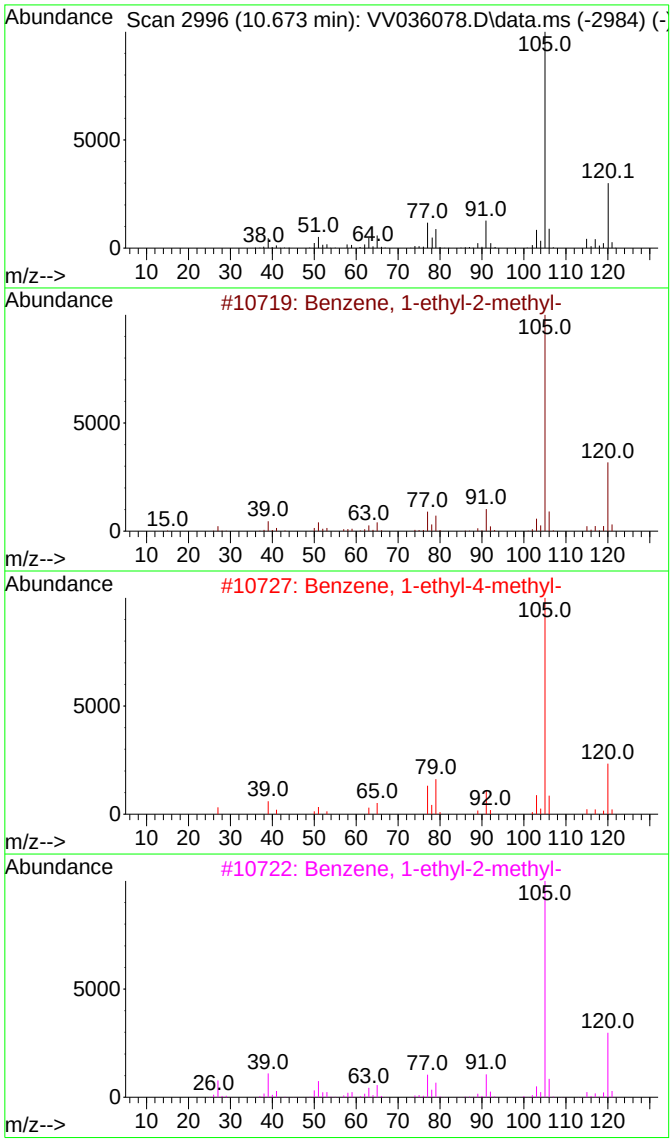
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

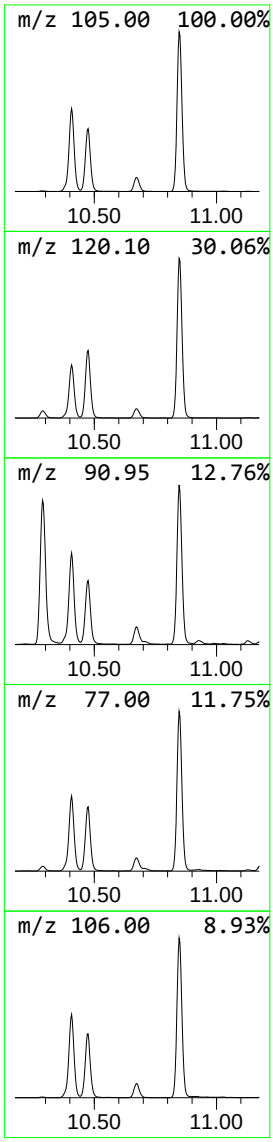
****

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.674	7.32 ug/L	406423	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

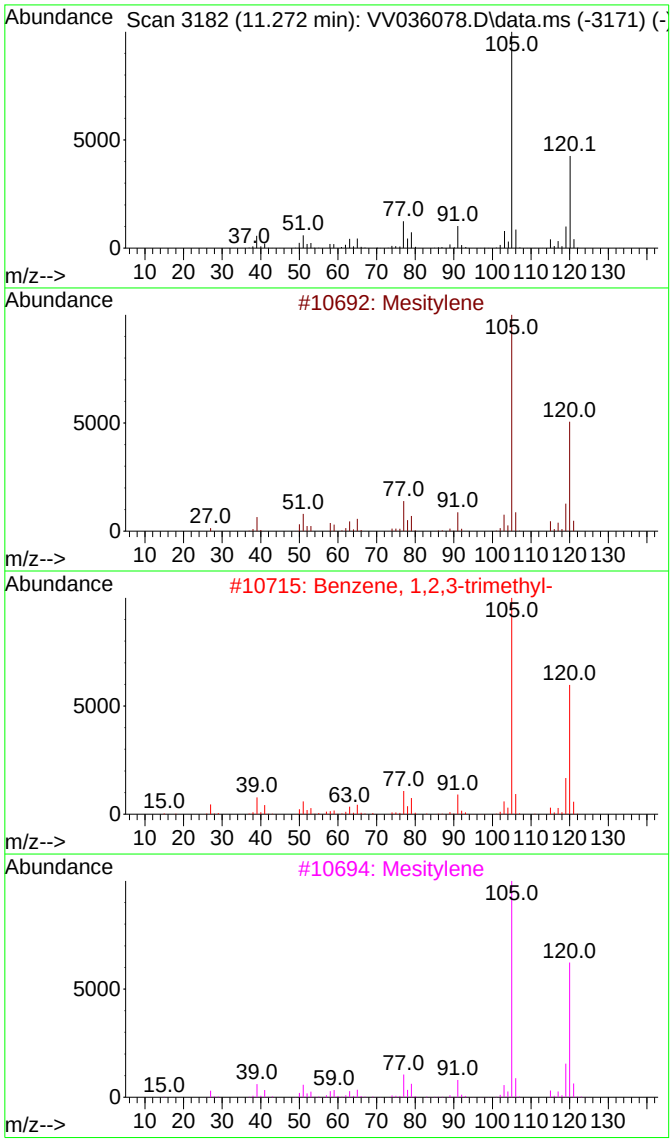
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

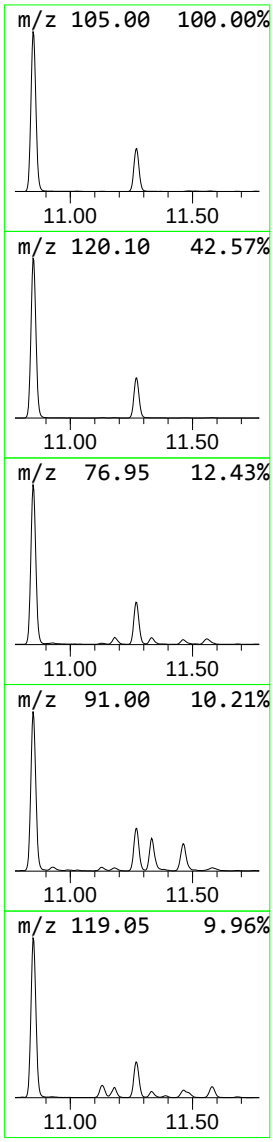
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.272	21.77 ug/L	1209130	1,4-Dichlorobenzene-d4	11.185

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\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

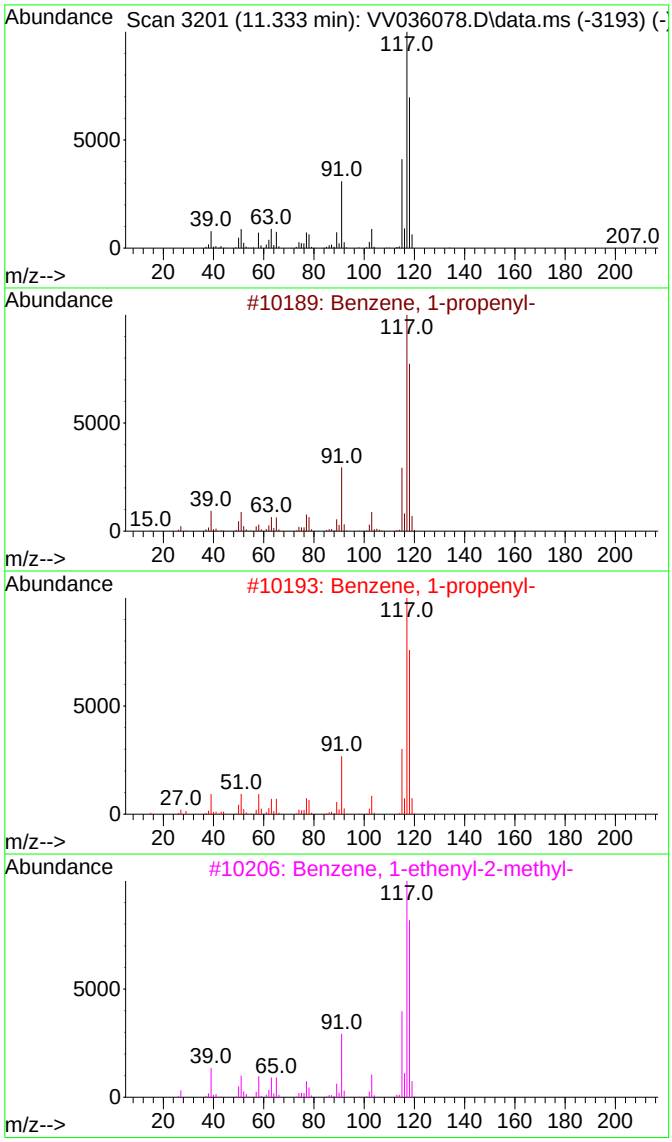
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

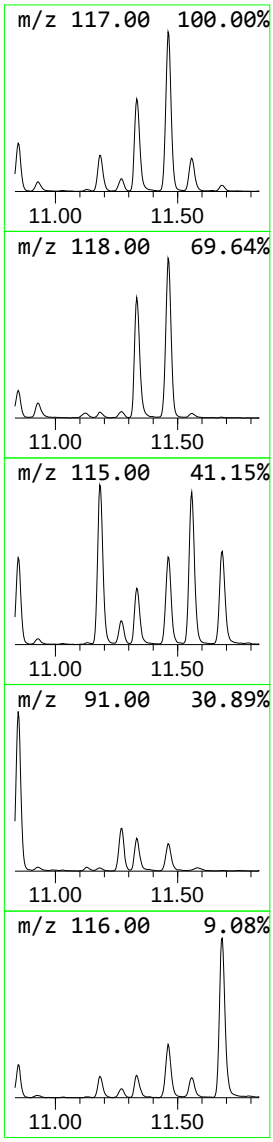
****

Peak Number 8 Benzene, 1-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.333	7.68 ug/L	426235	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	95
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

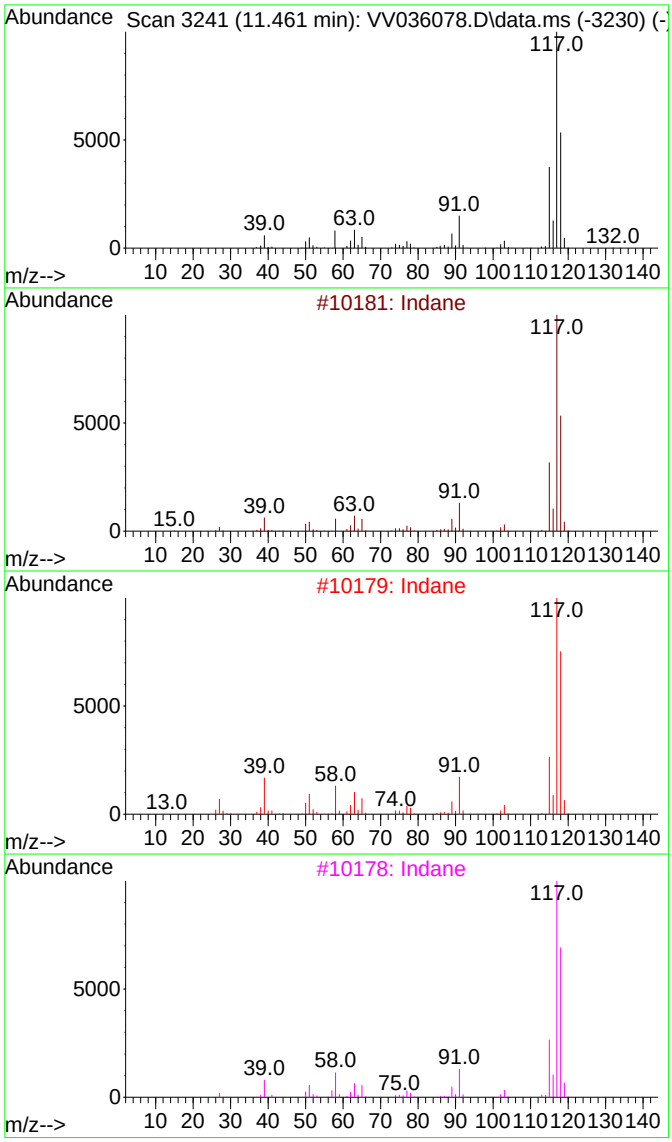
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

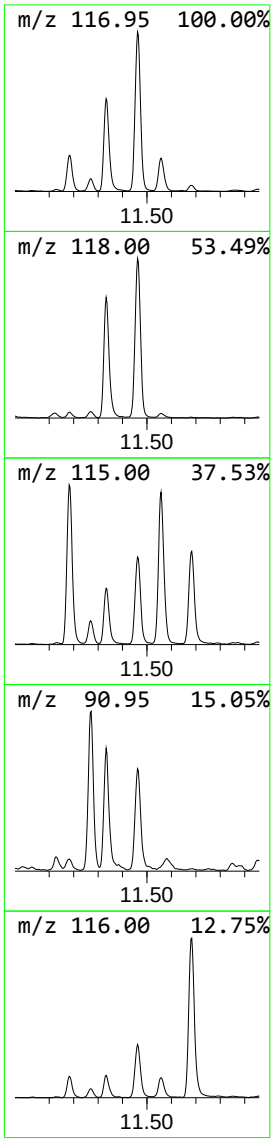
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.461	12.41 ug/L	689112	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	91
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

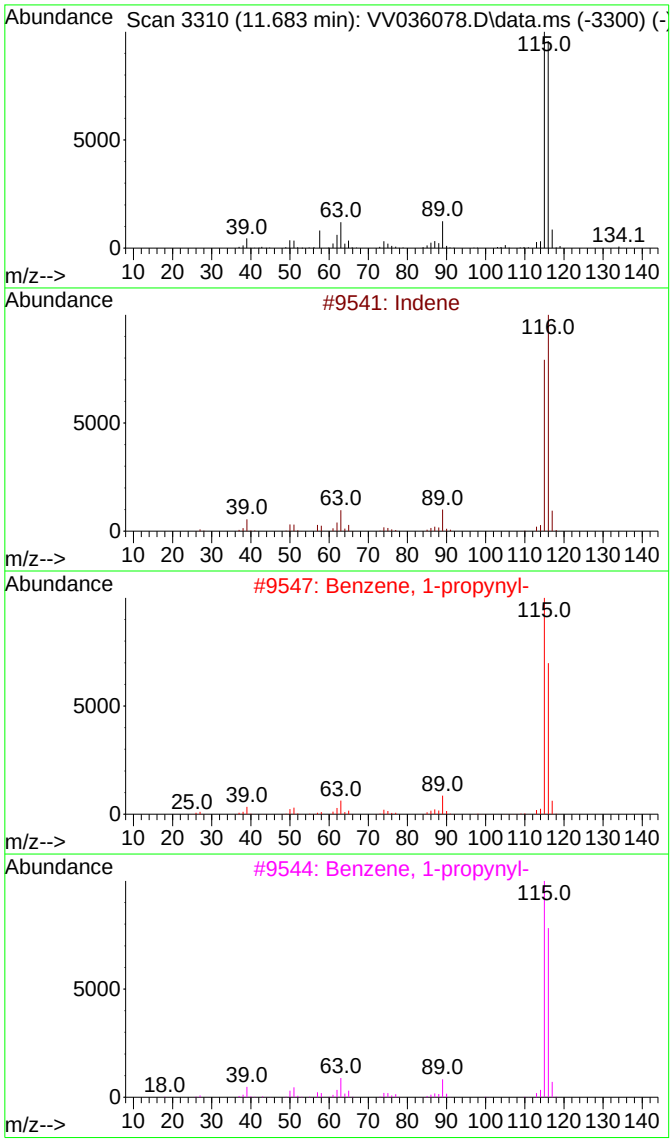
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

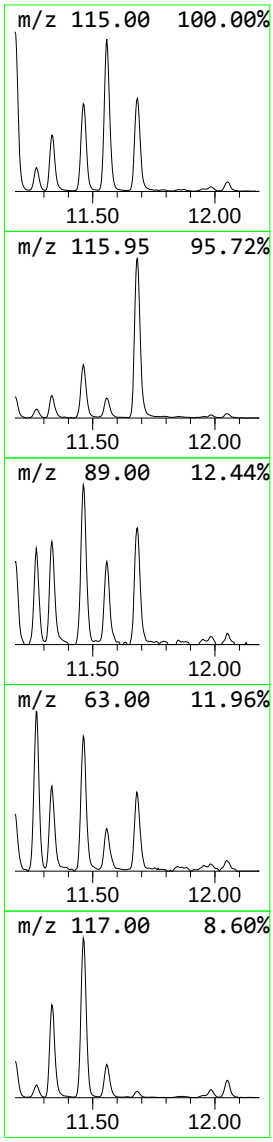
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.683	4.46 ug/L	247638	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

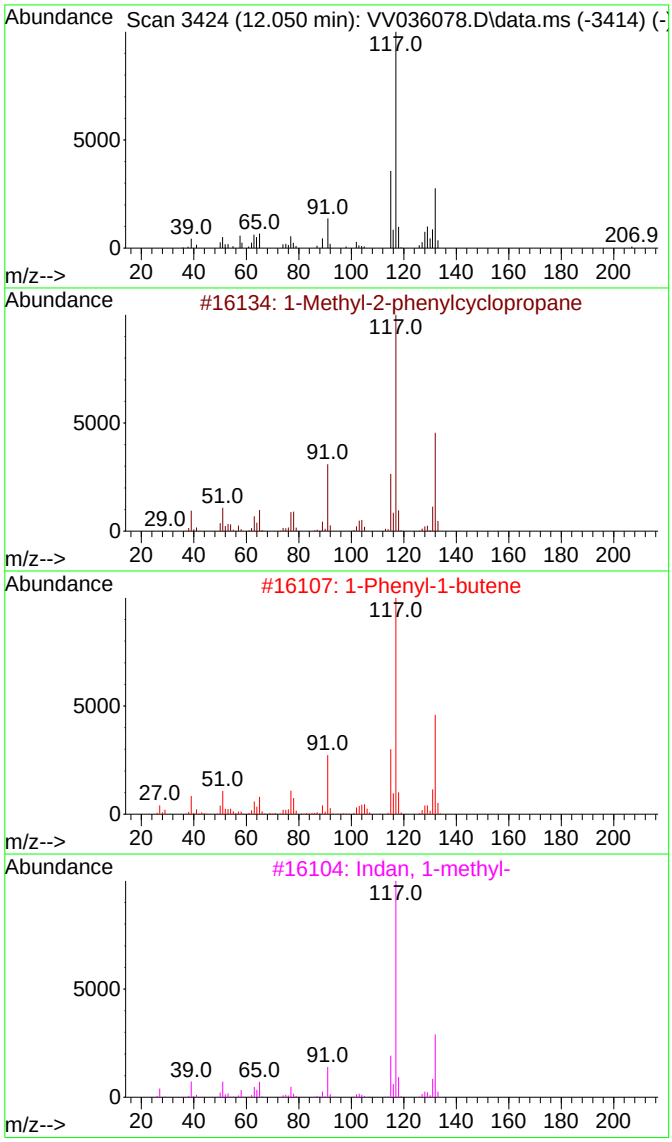
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

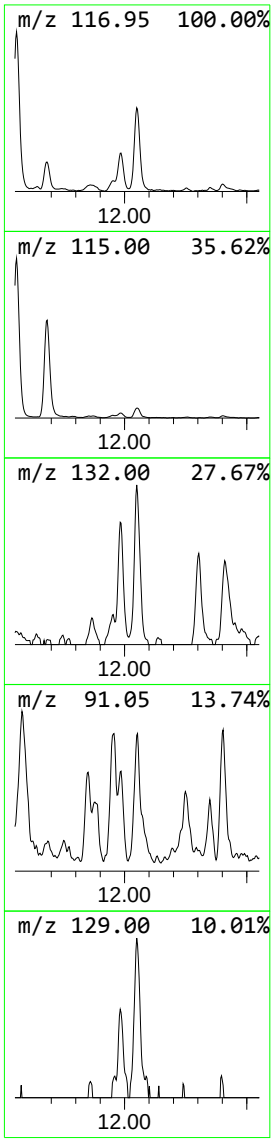
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Methyl-2-phenylcyclopropane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.050	1.46 ug/L	81336	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	86
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	78
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

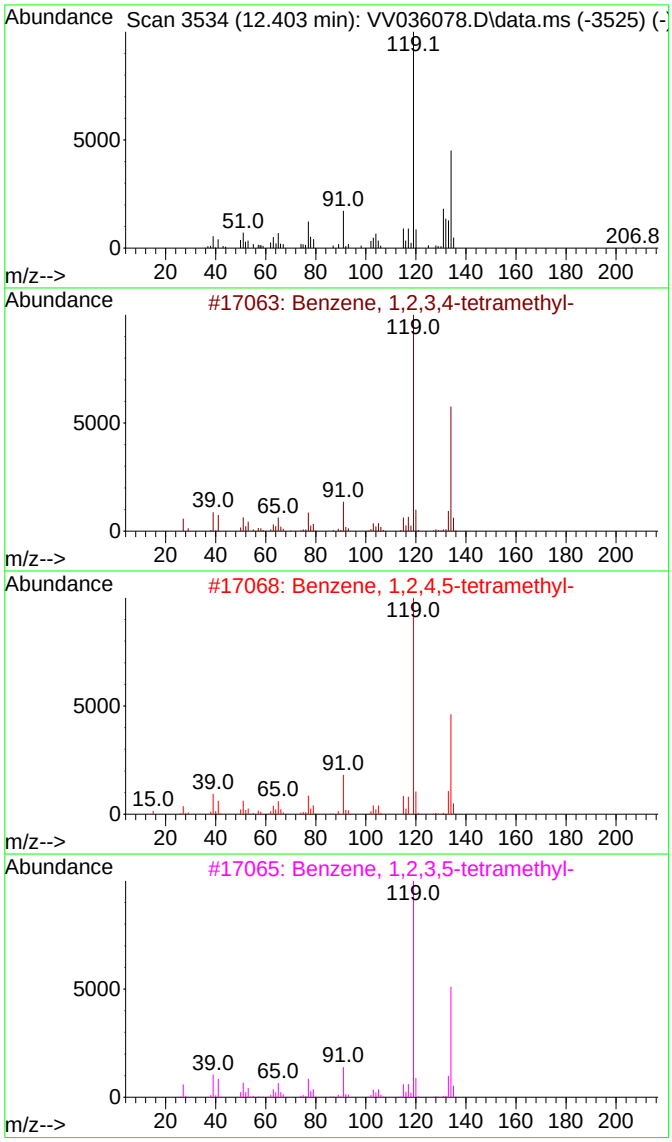
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

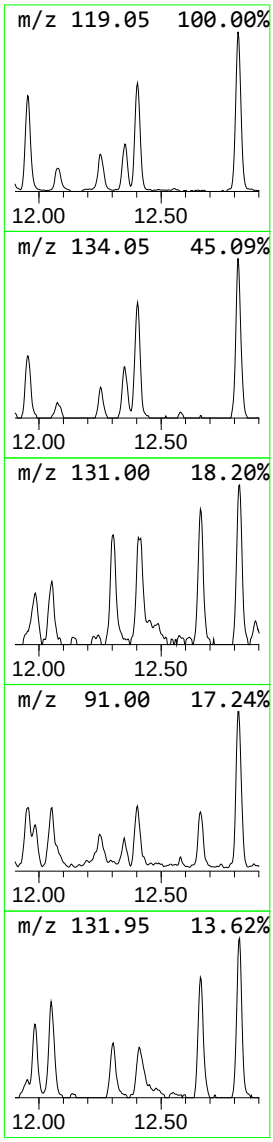
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	1.29 ug/L	71763	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

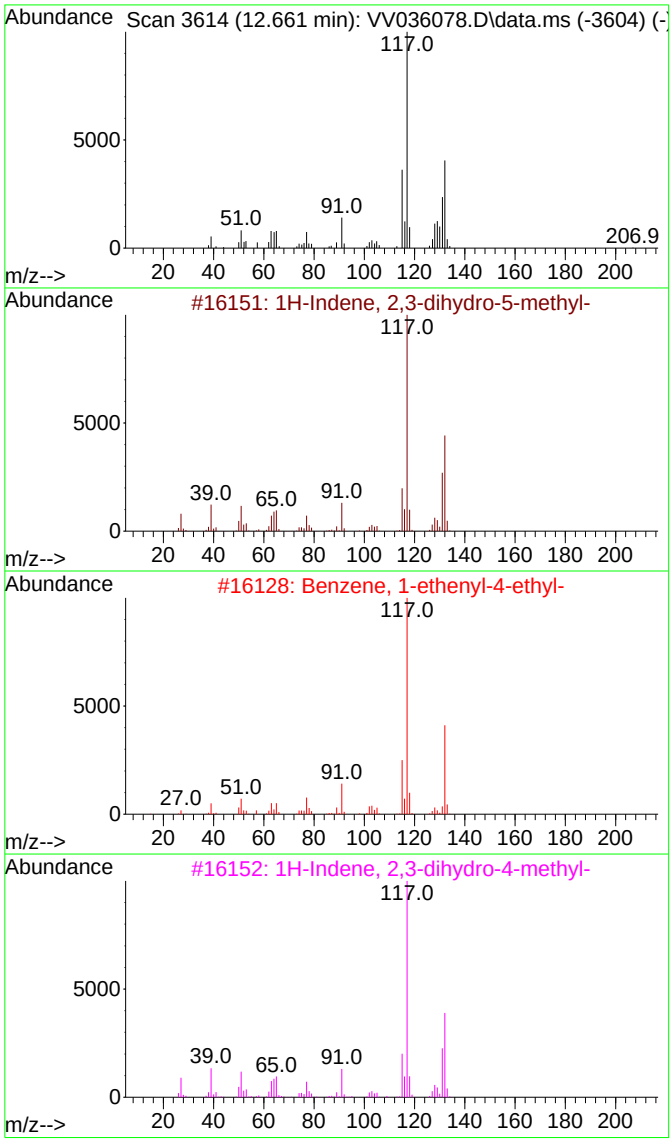
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

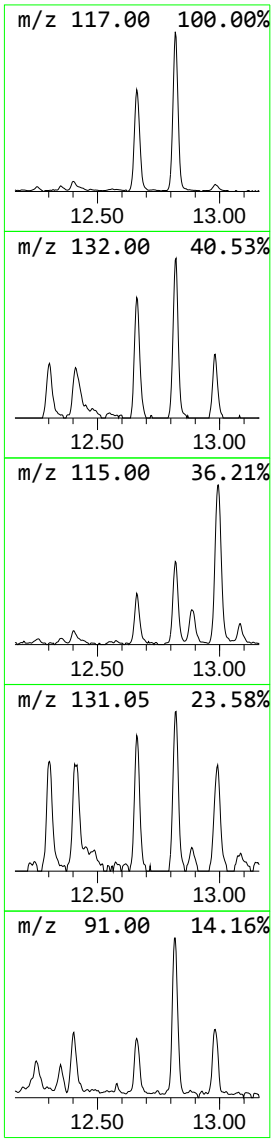
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.661	1.30 ug/L	72197	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
5	Indan, 1-methyl-	132	C10H12	000767-58-8	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

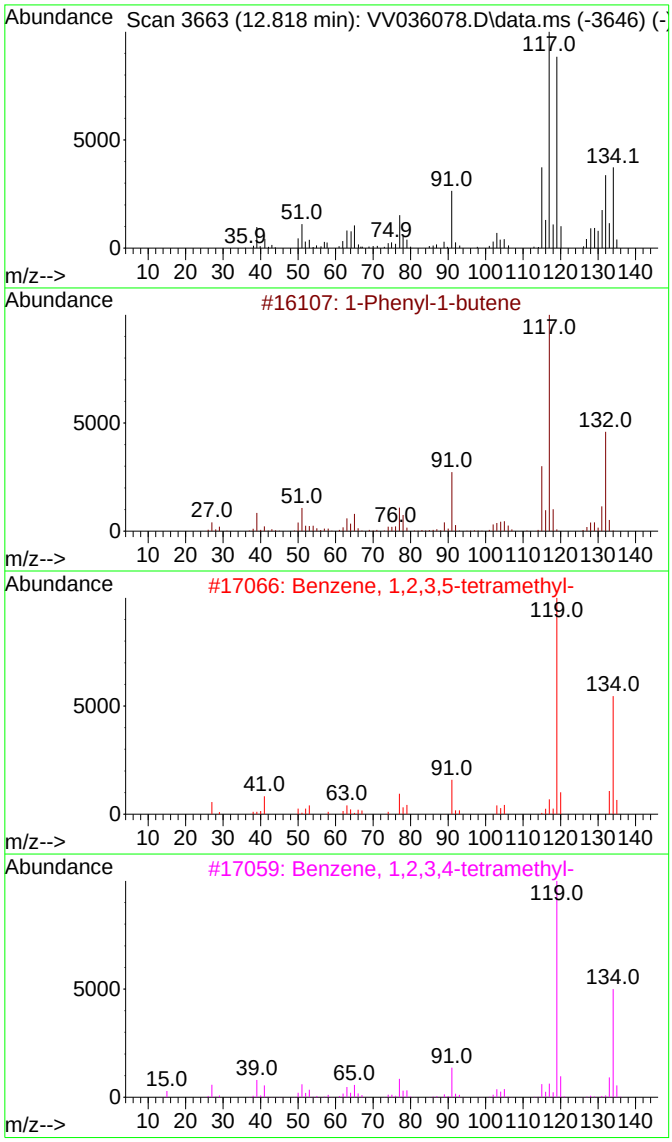
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

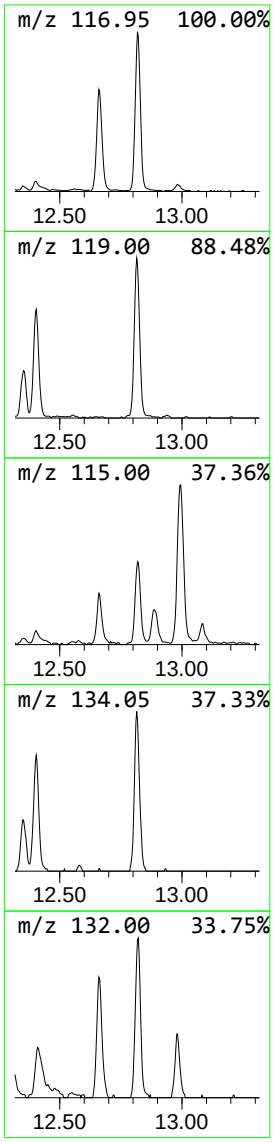
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1-Phenyl-1-butene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.818	3.21 ug/L	178444	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	50
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

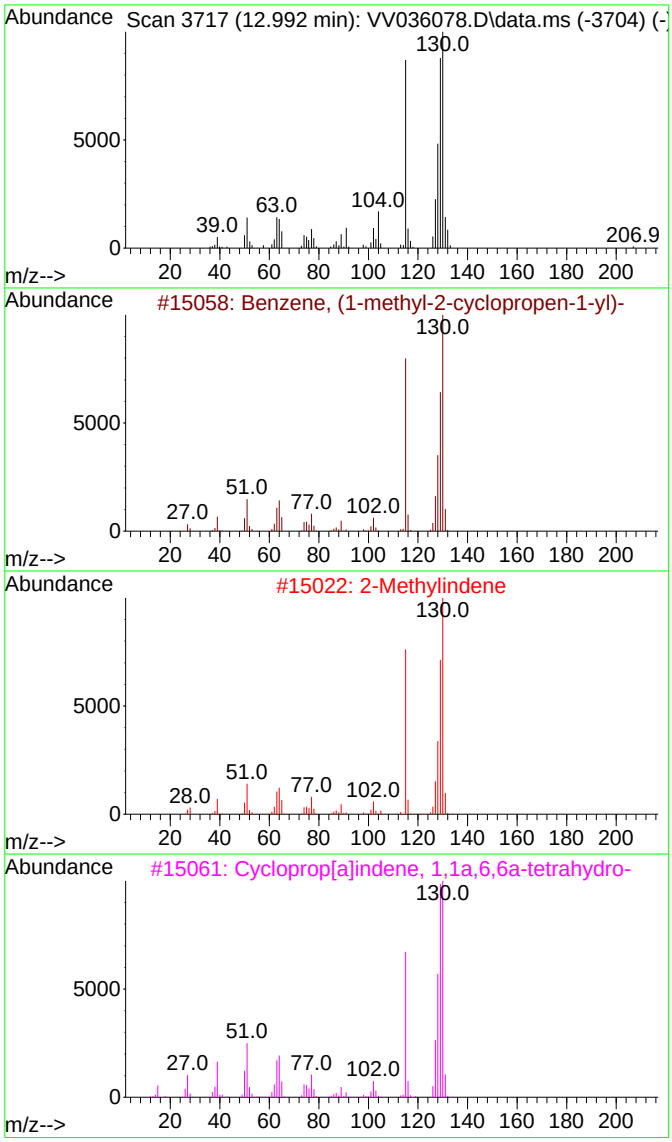
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

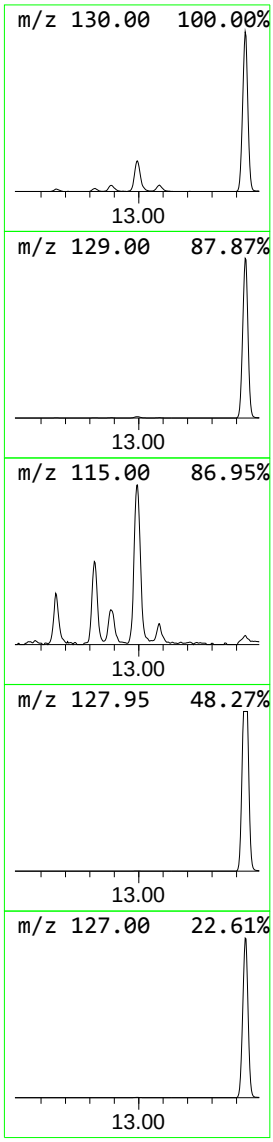
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (1-methyl-2-cyclop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	3.09 ug/L	171693	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2	2-Methylindene	130	C10H10	002177-47-1	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

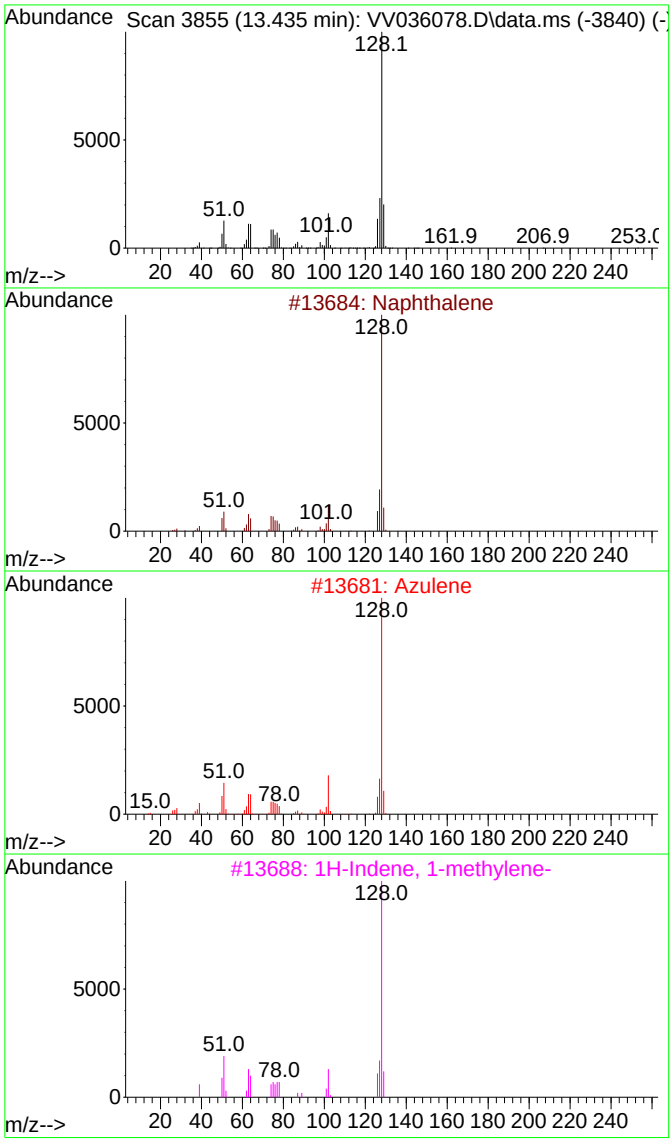
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

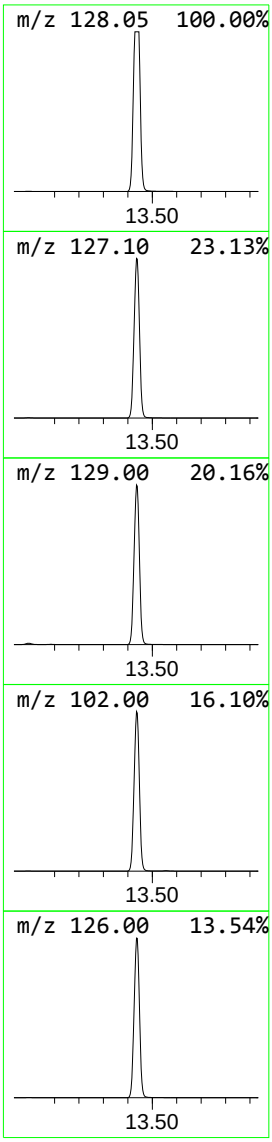
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.435	762.90 ug/L	42366900	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	Azulene	128	C10H8	000275-51-4	93
3	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	93
4	Naphthalene	128	C10H8	000091-20-3	87
5	Naphthalene	128	C10H8	000091-20-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

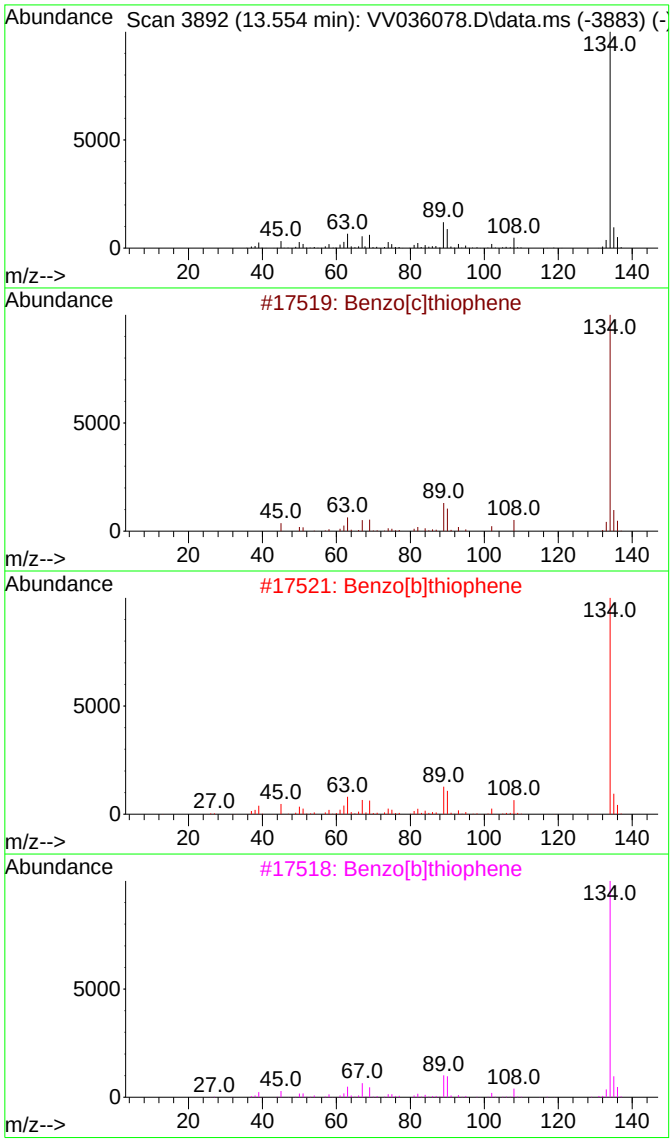
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

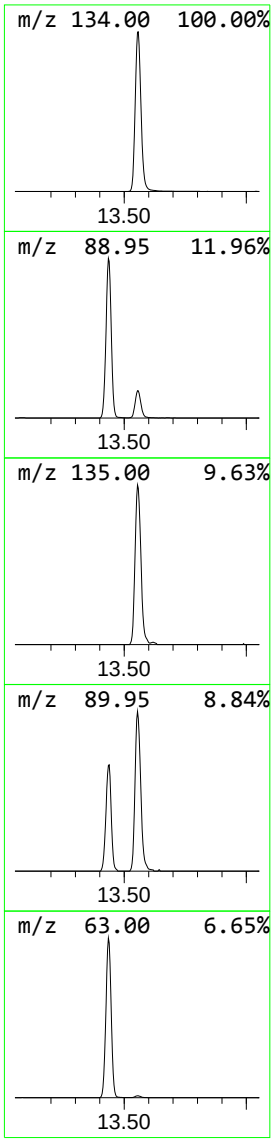
****

Peak Number 17 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.554	10.97 ug/L	609335	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036078.D
Acq On : 13 Jun 2024 22:36
Operator : SY/MD
Sample : P2856-11
Misc : 4.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.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
unknown-01	1.356	1.3	ug/L	83718	1	5.529	1564570	25.0
(DEL) Alkane: S...	2.963	1.4	ug/L	84763	1	5.529	1564570	25.0
Benzene, propyl-	10.288	6.9	ug/L	381824	3	11.185	1388350	25.0
Benzene, 1-ethy...	10.407	39.4	ug/L	2186710	3	11.185	1388350	25.0
Benzene, 1-ethy...	10.674	7.3	ug/L	406423	3	11.185	1388350	25.0
Benzene, 1,2,3-...	11.272	21.8	ug/L	1209130	3	11.185	1388350	25.0
Benzene, 1-prop...	11.333	7.7	ug/L	426235	3	11.185	1388350	25.0
Indane	11.461	12.4	ug/L	689112	3	11.185	1388350	25.0
Indene	11.683	4.5	ug/L	247638	3	11.185	1388350	25.0
1-Methyl-2-phen...	12.050	1.5	ug/L	81336	3	11.185	1388350	25.0
Benzene, 1,2,3,...	12.403	1.3	ug/L	71763	3	11.185	1388350	25.0
1H-Indene, 2,3-...	12.661	1.3	ug/L	72197	3	11.185	1388350	25.0
1-Phenyl-1-butene	12.818	3.2	ug/L	178444	3	11.185	1388350	25.0
Benzene, (1-met...	12.992	3.1	ug/L	171693	3	11.185	1388350	25.0
Azulene	13.435	762.9	ug/L	42366900	3	11.185	1388350	25.0
Benzo[c]thiophene	13.554	11.0	ug/L	609335	3	11.185	1388350	25.0