LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

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\SOMVLM060820WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.312	63	69	81	rVB	166466	161272	3.87%	0.703%
2	1.553	139	144	159	rVB	103237	127098	3.05%	0.554%
3	2.113	310	318	332	rVB	248190	363460	8.73%	1.584%
4	2.380	399	401	405	rVB4	2166	1046	0.03%	0.005%
5	2.872	548	554	555	rBV5	2093	1881	0.05%	0.008%
6	2.962	577	582	584	rBV5	1159	974	0.02%	0.004%
7	2.997	590	593	596	rBV4	1147	679	0.02%	0.003%
8	3.016	596	599	600	rBV3	1038	562	0.01%	0.002%
9	3.103	623	626	629	rBV4	1863	1290	0.03%	0.006%
10	3.216	659	661	663	rBV3	1421	703	0.02%	0.003%
11	3.229	663	665	669	rVB4	1382	691	0.02%	0.003%
12	3.303	685	688	690	rBV2	1249	562	0.01%	0.002%
13	3.319	690	693	697	rVB4	1765	1095	0.03%	0.005%
14	3.341	697	700	701	rBV2	1616	818	0.02%	0.004%
15	3.412	719	722	723	rBV3	1212	844	0.02%	0.004%
16	3.450	729	734	736	rBV5	1632	1260	0.03%	0.005%
17	3.463	736	738	741	rVB4	1463	760	0.02%	0.003%
18	3.502	744	750	751	rBV5	1647	1585	0.04%	0.007%
19	3.547	761	764	766	rVV3	1601	864	0.02%	0.004%
20	3.560	766	768	773	rVB6	2081	1709	0.04%	0.007%
21	3.740	821	824	827	rBV5	1360	1040	0.02%	0.005%
22	3.846	852	857	859	rBV5	950	760	0.02%	0.003%
23	3.894	862	872	901	rVV	103909	279956	6.73%	1.220%
24	4.180	960	961	964	rBV3	1406	858	0.02%	0.004%
25	4.238	975	979	981	rBV5	1613	1048	0.03%	0.005%
26	4.274	987	990	993	rBV4	1345	931	0.02%	0.004%
27	4.293	993	996	997	rBV3	1260	533	0.01%	0.002%
28	4.370	1007	1020	1044	rVB	212860	510471	12.26%	2.225%
29	4.528	1067	1069	1071	rBV3	1273	577	0.01%	0.003%
30	4.566	1077	1081	1082	rBV4	1373	744	0.02%	0.003%
31	4.823	1156	1161	1163	rBV5	1966	1990	0.05%	0.009%
32	4.939	1195	1197	1201	rVB3	1321	773	0.02%	0.003%
33	4.997	1213	1215	1217	rBV3	1244	591	0.01%	0.003%
34	5.068	1220	1237	1251	rBV2	510974	1305738	31.37%	5.691%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

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\SOMVLM060820WMA.M
Title : VOC Analysis

35	5.550	1382	1387	1390	rVB5	1879	1474	0.04%	0.006%
36	5.637	1401	1414	1439	rBV	416809	841700	20.22%	3.669%
37	6.090	1543	1555	1574	rBV	290425	583402	14.02%	2.543%
38	6.354	1635	1637	1639	rBV3	1247	679	0.02%	0.003%
39	6.431	1658	1661	1663	rBV4	949	611	0.01%	0.003%
40	6.582	1705	1708	1710	rBV4	1675	1111	0.03%	0.005%
41	6.672	1734	1736	1739	rBV4	1650	1089	0.03%	0.005%
42	6.810	1777	1779	1781	rBV3	1367	759	0.02%	0.003%
43	6.862	1792	1795	1797	rVB4	1021	540	0.01%	0.002%
44	6.875	1797	1799	1802	rVB4	1167	542	0.01%	0.002%
45	6.894	1802	1805	1809	rBV6	1496	1299	0.03%	0.006%
46	7.007	1825	1840	1858	rBV	169720	306477	7.36%	1.336%
47	7.241	1911	1913	1918	rBV5	1600	1809	0.04%	0.008%
48	7.277	1922	1924	1925	rBV2	1892	903	0.02%	0.004%
49	7.334	1931	1942	1958	rBV	601818	1029213	24.73%	4.486%
50	7.588	2017	2021	2024	rBV4	2298	1676	0.04%	0.007%
51	7.605	2024	2026	2027	rBV2	1737	739	0.02%	0.003%
52	7.640	2027	2037	2055	rVV2	121478	208007	5.00%	0.907%
53	7.846	2098	2101	2103	rBV4	1278	668	0.02%	0.003%
54	7.875	2108	2110	2115	rVB4	1563	896	0.02%	0.004%
55	7.958	2134	2136	2141	rBV5	2278	1766	0.04%	0.008%
56	8.006	2149	2151	2153	rBV3	1284	615	0.01%	0.003%
57	8.048	2162	2164	2166	rVB3	1466	635	0.02%	0.003%
58	8.061	2166	2168	2169	rBV2	1491	832	0.02%	0.004%
59	8.106	2172	2182	2216	rVV	344147	616079	14.80%	2.685%
60	8.495	2299	2303	2306	rBV6	1158	1119	0.03%	0.005%
61	8.576	2323	2328	2329	rBV4	1932	1257	0.03%	0.005%
62	8.601	2334	2336	2339	rVV4	1428	713	0.02%	0.003%
63	8.662	2350	2355	2358	rBV7	1835	2251	0.05%	0.010%
64	8.871	2407	2420	2439	rBV	649846	1041407	25.02%	4.539%
65	9.032	2462	2470	2483	rBV	54350	87769	2.11%	0.383%
66	9.122	2496	2498	2500	rBV4	1423	925	0.02%	0.004%
67	9.248	2534	2537	2539	rVB4	2079	1225	0.03%	0.005%
68	9.264	2539	2542	2544	rBV4	1466	688	0.02%	0.003%
69	9.447	2597	2599	2601	rBV2	1622	934	0.02%	0.004%
70	9.514	2613	2620	2622	rBV6	3159	2624	0.06%	0.011%
71	9.563	2626	2635	2647	rVV	68726	109522	2.63%	0.477%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

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\SOMVLM060820WMA.M
Title : VOC Analysis

72	9.952	2746	2756	2768	rBV	195432	299979	7.21%	1.308%
73	10.170	2823	2824	2828	rBV4	1012	678	0.02%	0.003%
74	10.238	2831	2845	2859	rBV	412636	649530	15.60%	2.831%
75	10.376	2879	2888	2899	rBV	57646	89686	2.15%	0.391%
76	10.559	2938	2945	2955	rVB2	68372	102993	2.47%	0.449%
77	10.759	2997	3007	3028	rVB	163003	277689	6.67%	1.210%
78	10.868	3039	3041	3043	rBV3	1523	926	0.02%	0.004%
79	10.936	3051	3062	3079	rVB	475221	711282	17.09%	3.100%
80	11.212	3135	3148	3155	rBV3	13321	27078	0.65%	0.118%
81	11.270	3155	3166	3182	rVV	755780	1153982	27.72%	5.030%
82	11.357	3183	3193	3205	rVB	184392	280116	6.73%	1.221%
83	11.550	3241	3253	3272	rBV	1563757	2448688	58.83%	10.673%
84	11.646	3272	3283	3300	rVB	767050	1213583	29.16%	5.290%
85	11.768	3312	3321	3332	rVB	62654	99080	2.38%	0.432%
86	11.932	3363	3372	3378	rBV2	51332	85817	2.06%	0.374%
87	12.038	3394	3405	3420	rVB	131357	203700	4.89%	0.888%
88	12.138	3427	3436	3454	rBV2	68770	124055	2.98%	0.541%
89	12.383	3503	3512	3521	rBV	405453	577469	13.87%	2.517%
90	12.434	3522	3528	3534	rBV	113342	145402	3.49%	0.634%
91	12.485	3535	3544	3555	rBV2	548763	943683	22.67%	4.113%
92	12.746	3616	3625	3637	rVB	152937	229554	5.51%	1.001%
93	12.903	3666	3674	3684	rVB2	113995	169867	4.08%	0.740%
94	12.971	3687	3695	3705	rVB	110198	166345	4.00%	0.725%
95	13.077	3717	3728	3741	rVB2	257985	420390	10.10%	1.832%
96	13.524	3854	3867	3888	rBV	2625739	4162511	100.00%	18.143%
97	14.601	4193	4202	4212	rBV2	41134	68820	1.65%	0.300%
98	14.842	4266	4277	4291	rBV	413948	658768	15.83%	2.871%
99	15.331	4426	4429	4433	rBV5	1671	1393	0.03%	0.006%
100	15.479	4473	4475	4476	rBV2	1718	603	0.01%	0.003%

Sum of corrected areas: 22942785

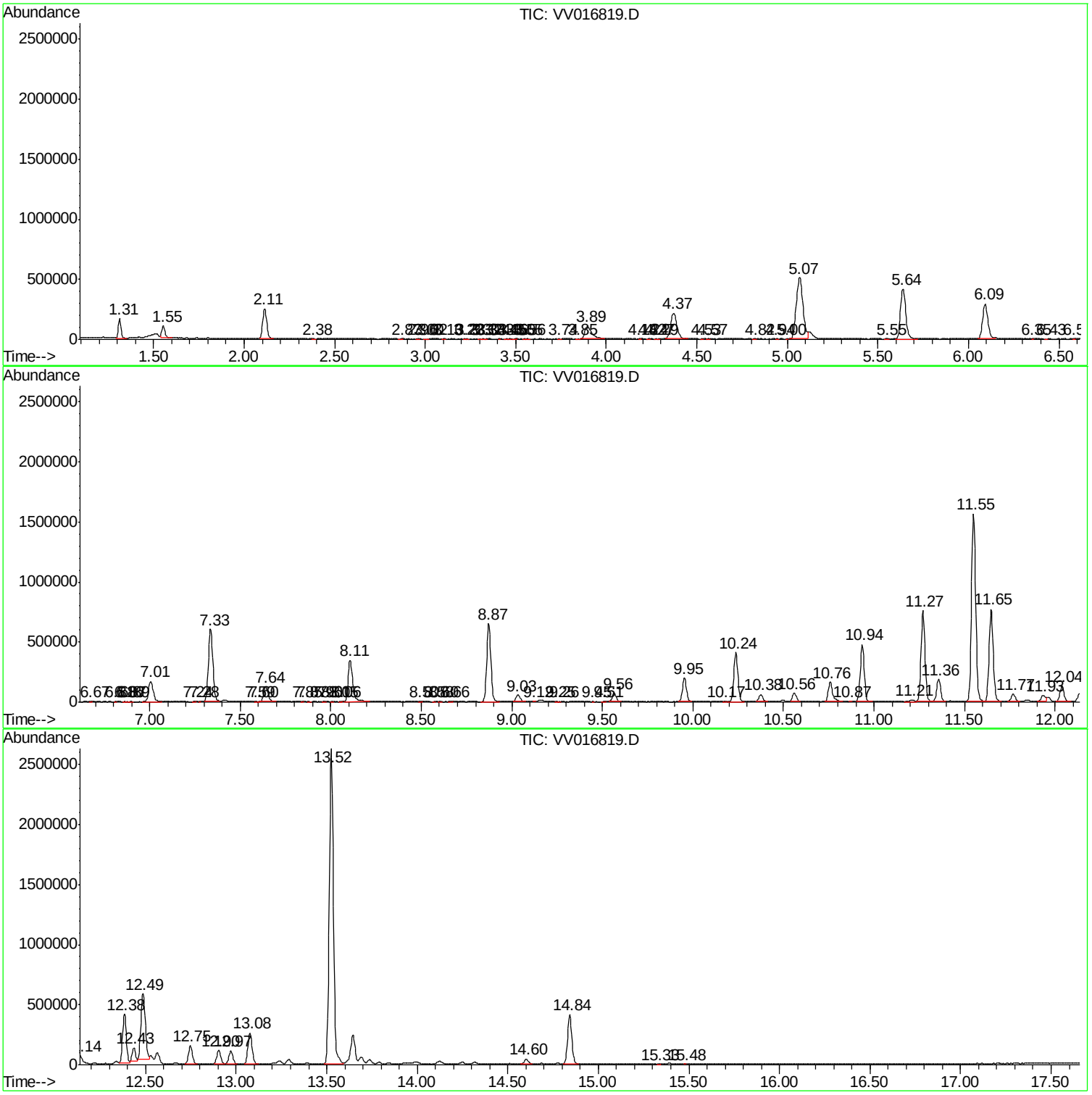
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

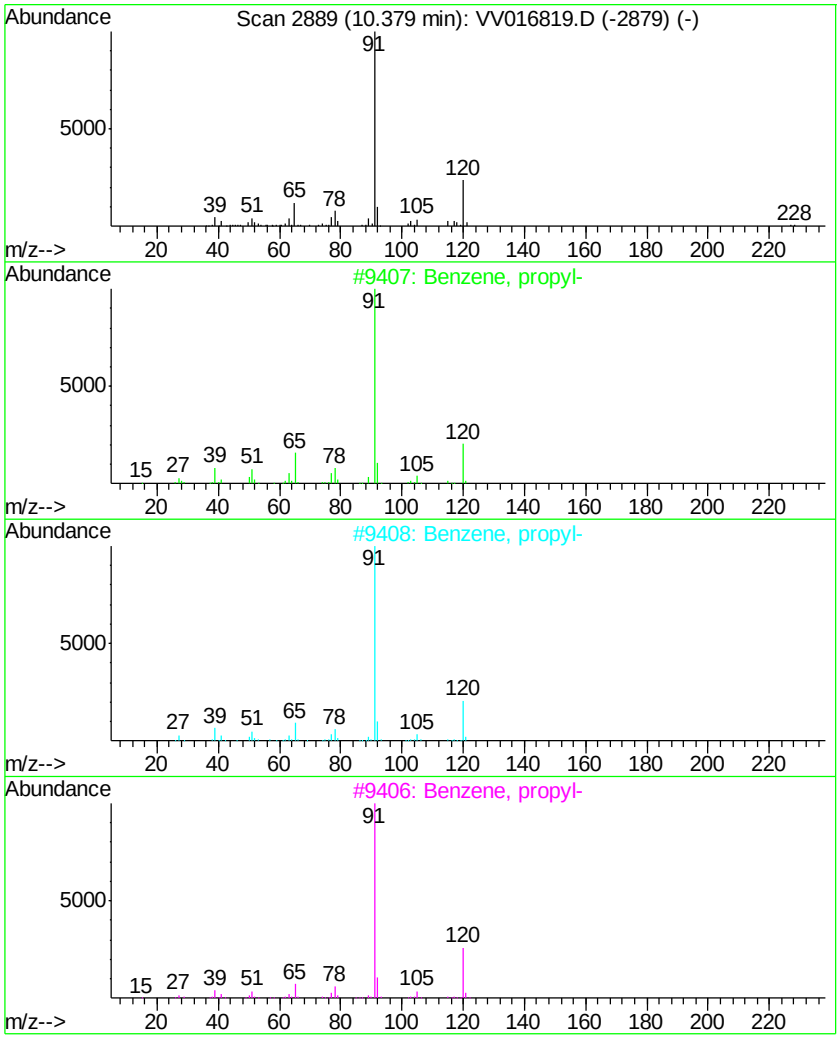
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

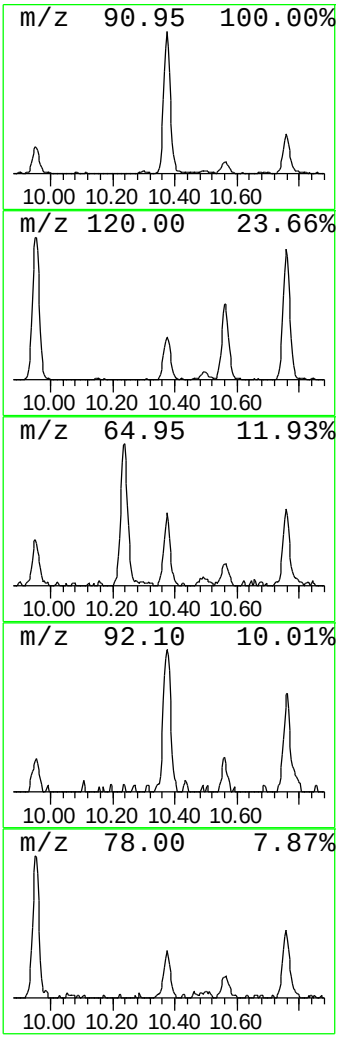
****

Peak Number 2 Benzene, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	3.89 ug/L	89686	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

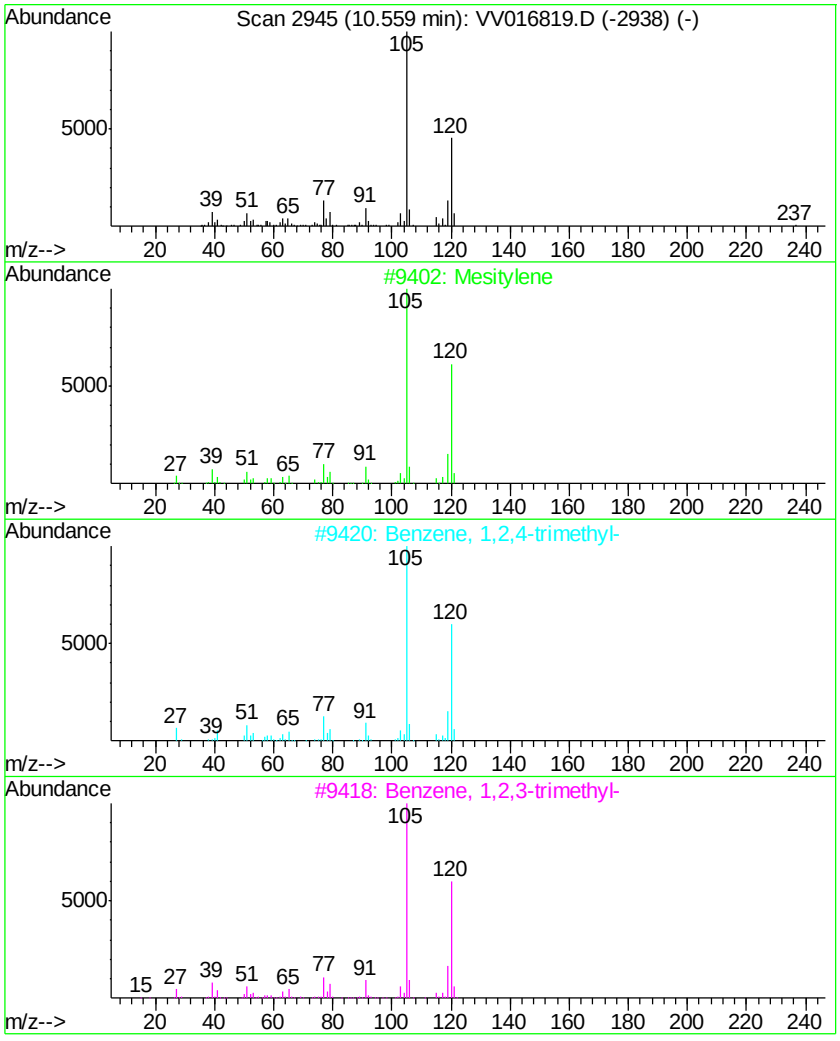
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

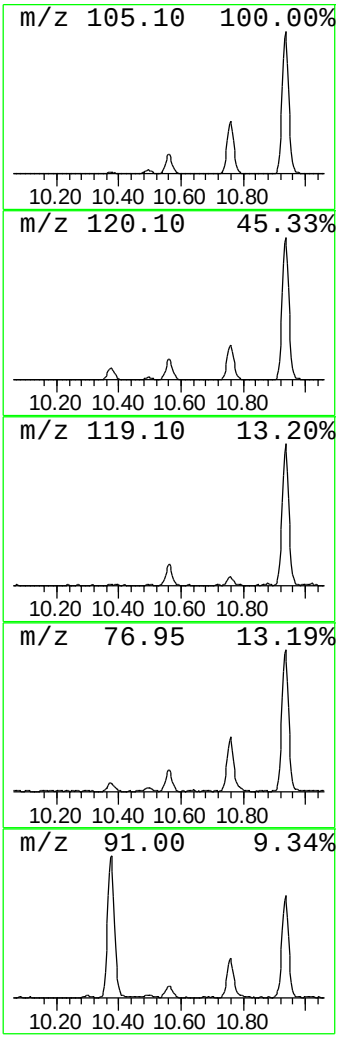
****

Peak Number 3 Mesitylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	4.46 ug/L	102993	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

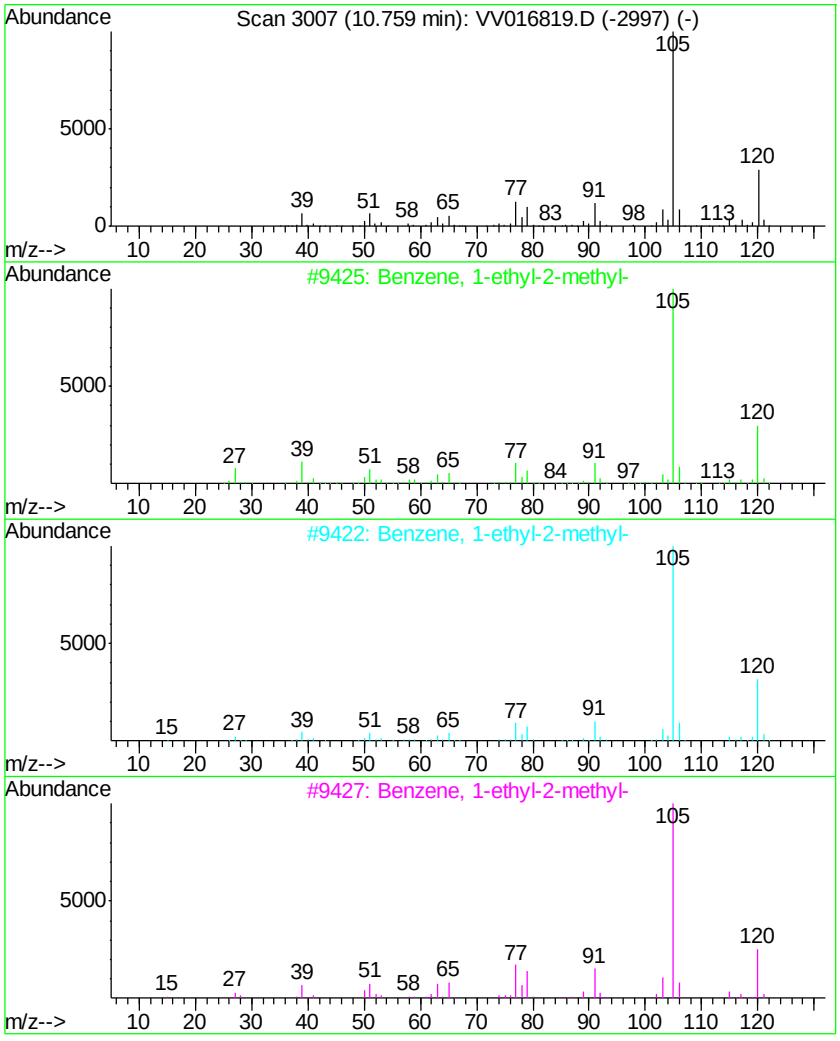
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

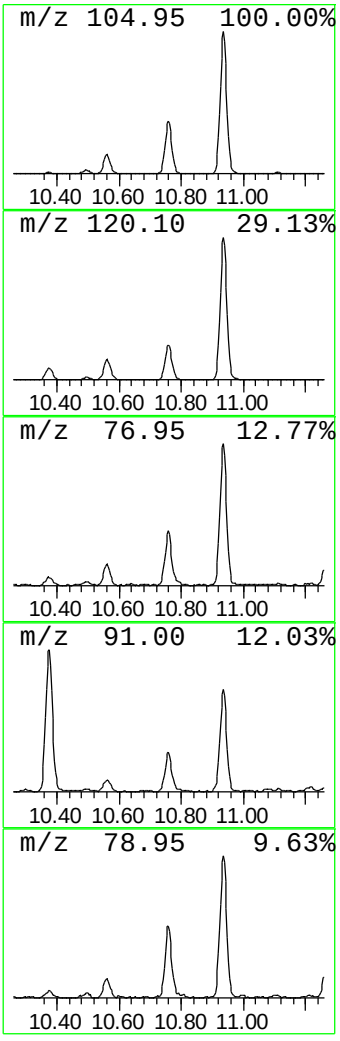
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	12.03 ug/L	277689	1,4-Dichlorobenzene-d4	11.27

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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

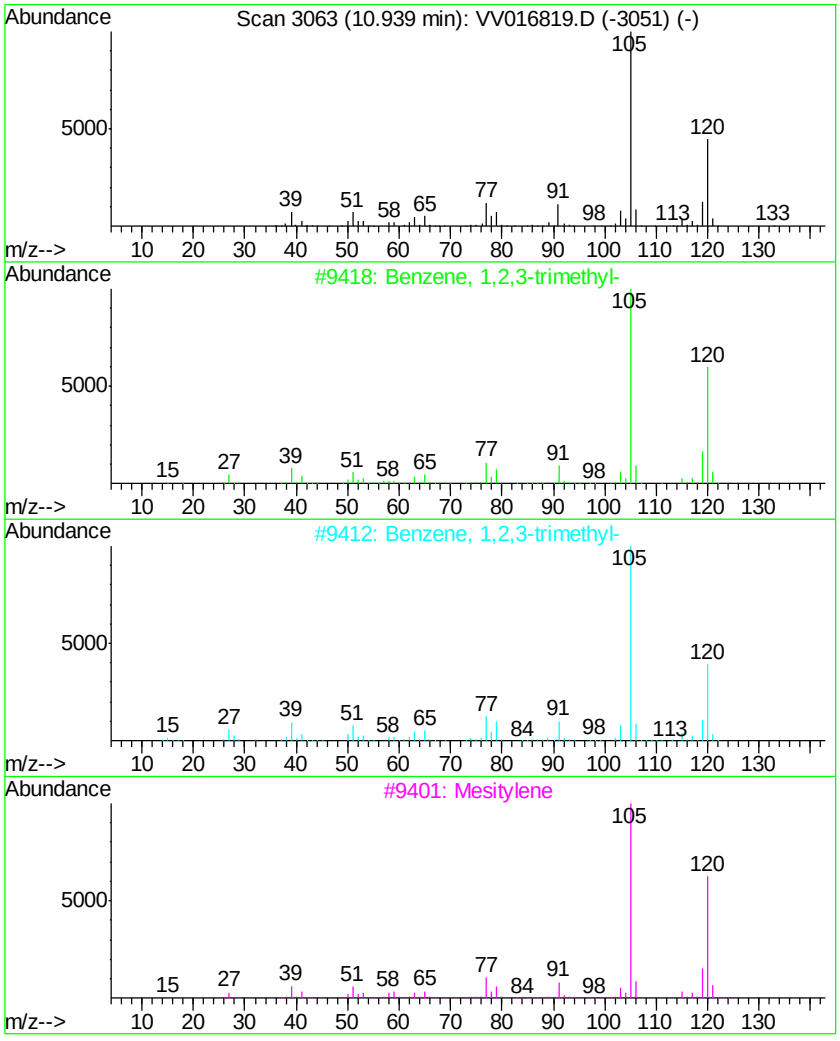
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

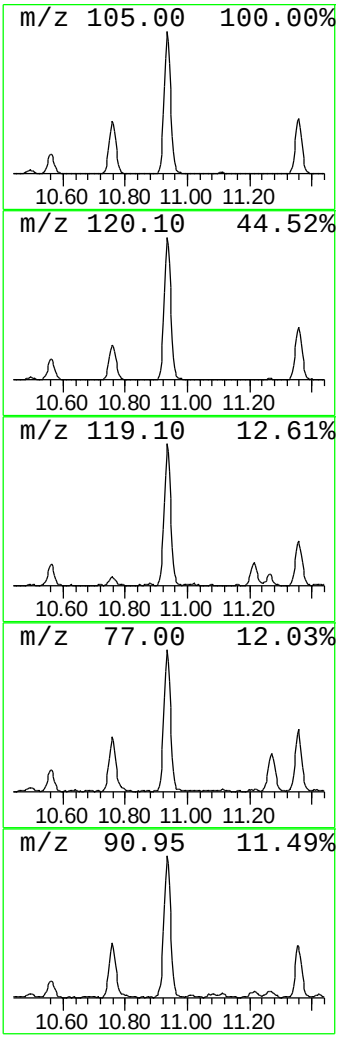
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	30.82 ug/L	711282	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

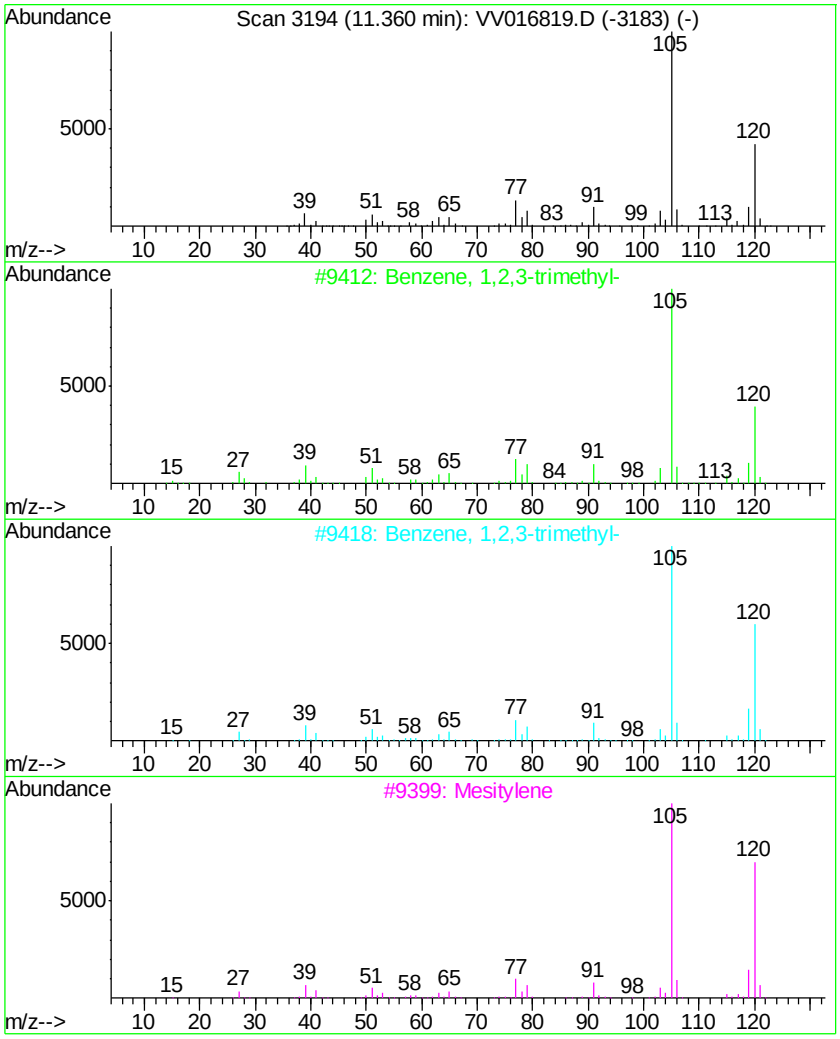
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

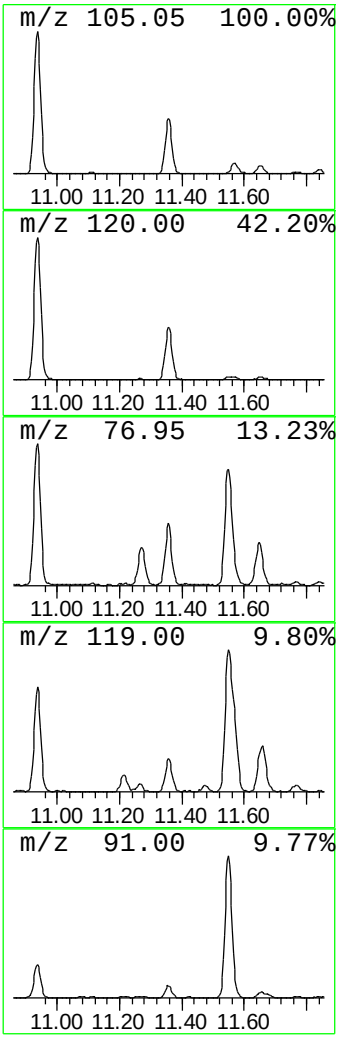
****

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	12.14 ug/L	280116	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

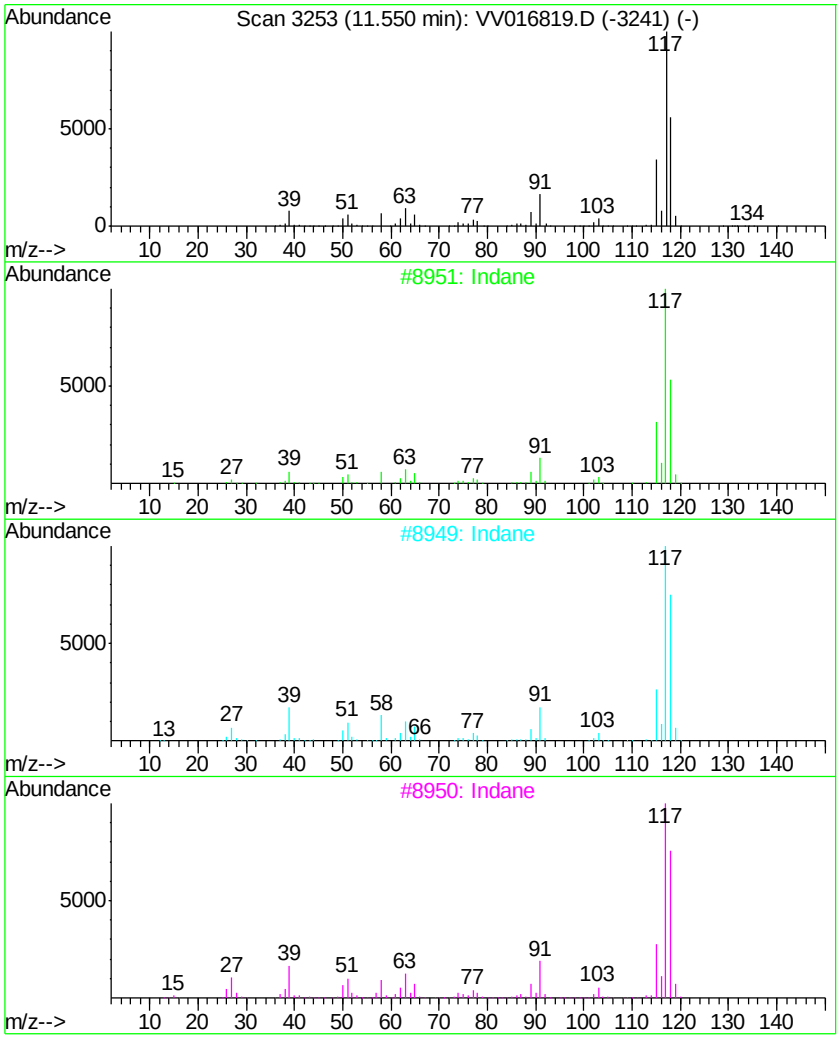
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

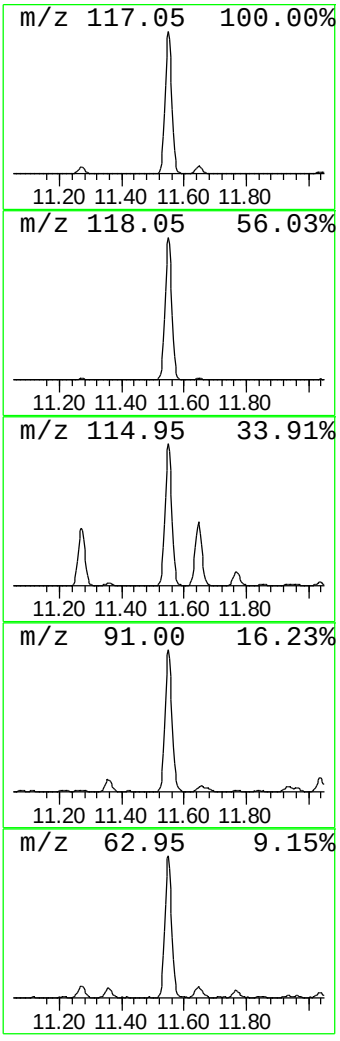
****

Peak Number 7 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	106.10 ug/L	2448690	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Indane	118	C9H10	000496-11-7	74





Library Search Compound Report

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Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

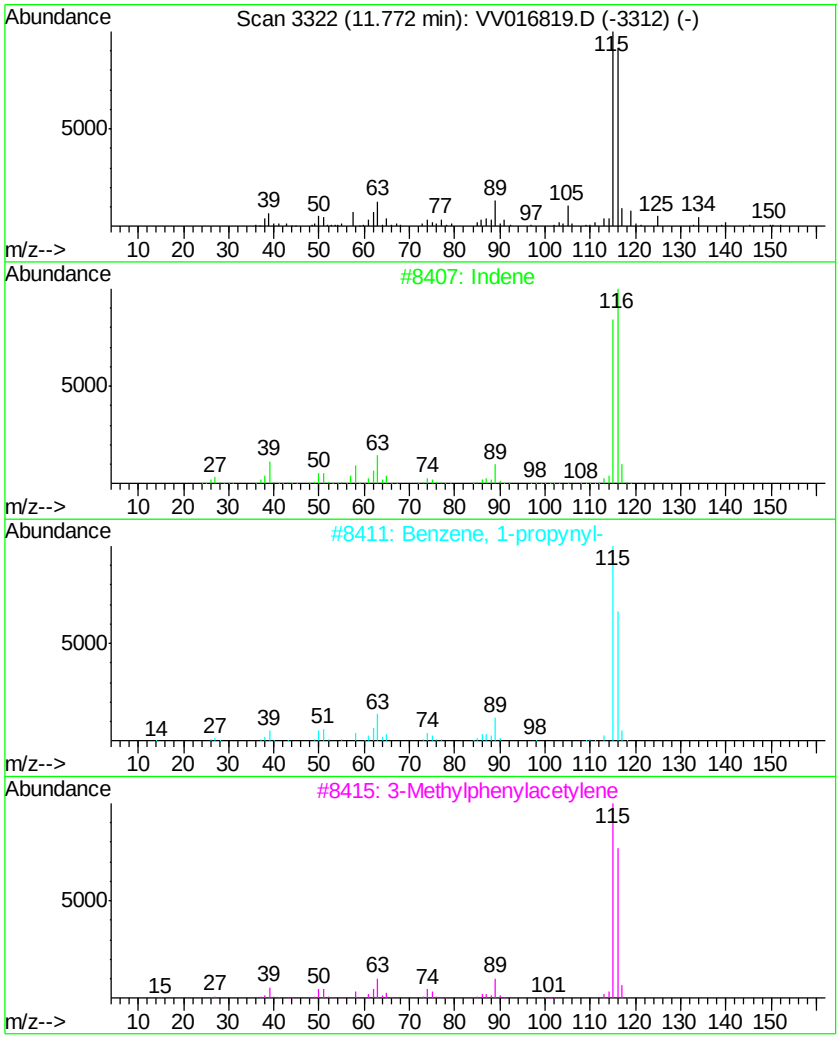
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

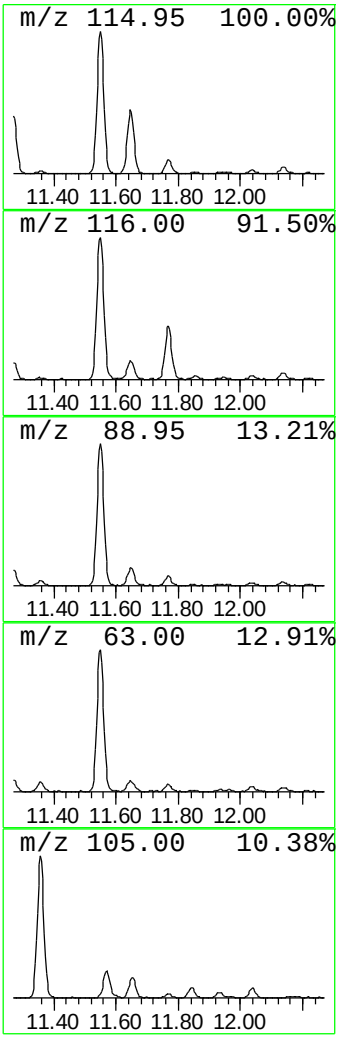
****

Peak Number 8 Indene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.29 ug/L	99080	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	87
4	Indene	116	C9H8	000095-13-6	87
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	83





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Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

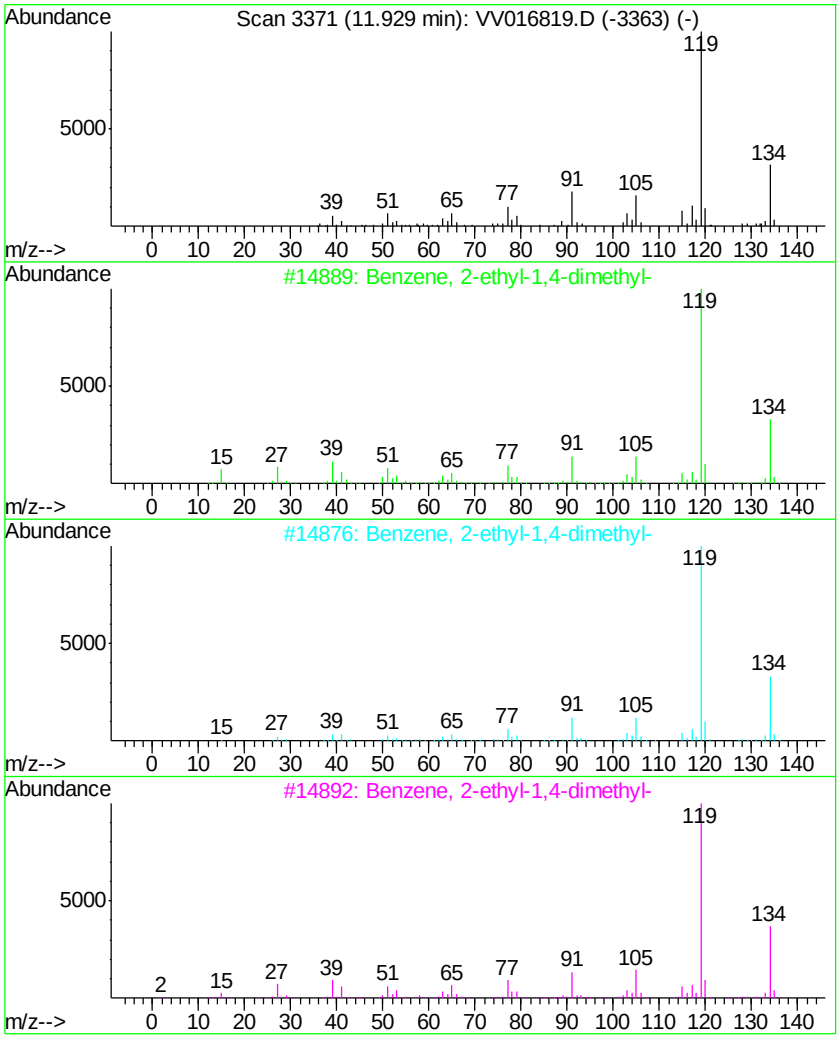
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

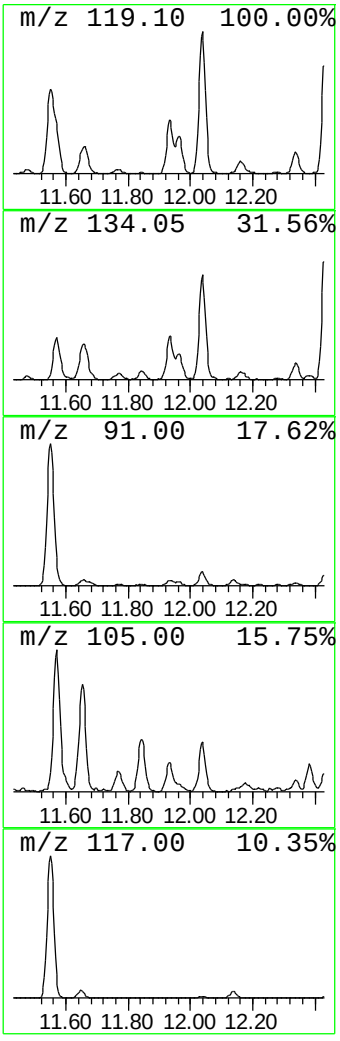
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.72 ug/L	85817	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	p-Cymene	134	C10H14	000099-87-6	94





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Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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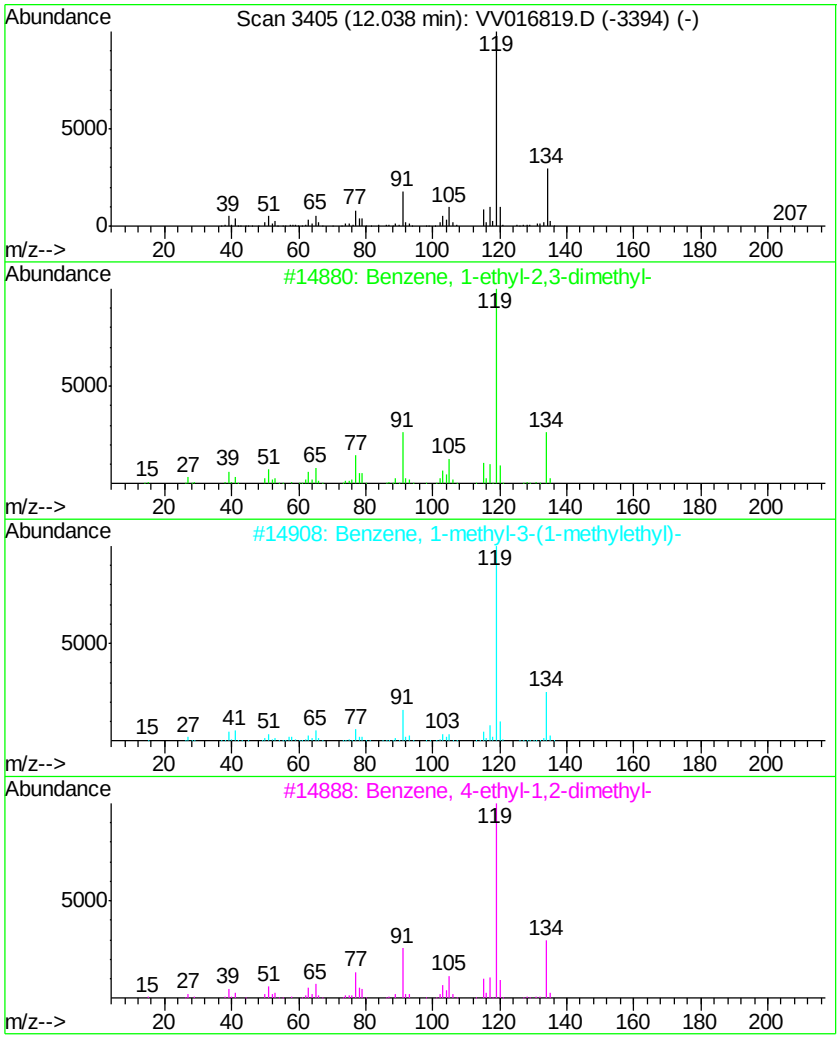
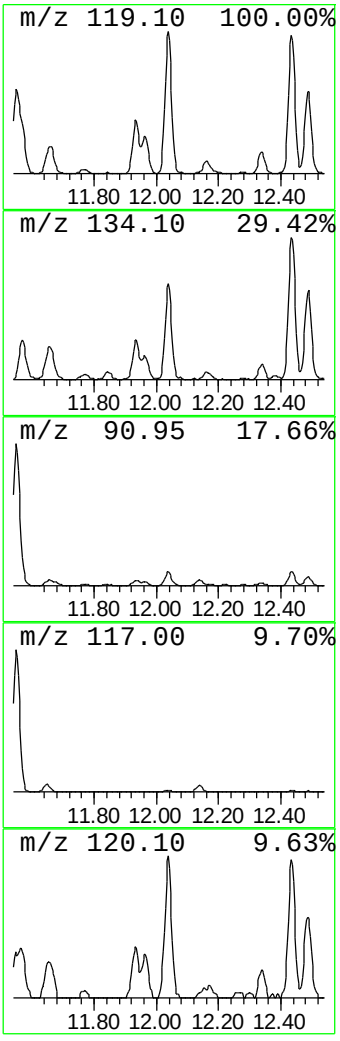
Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	8.83 ug/L	203700	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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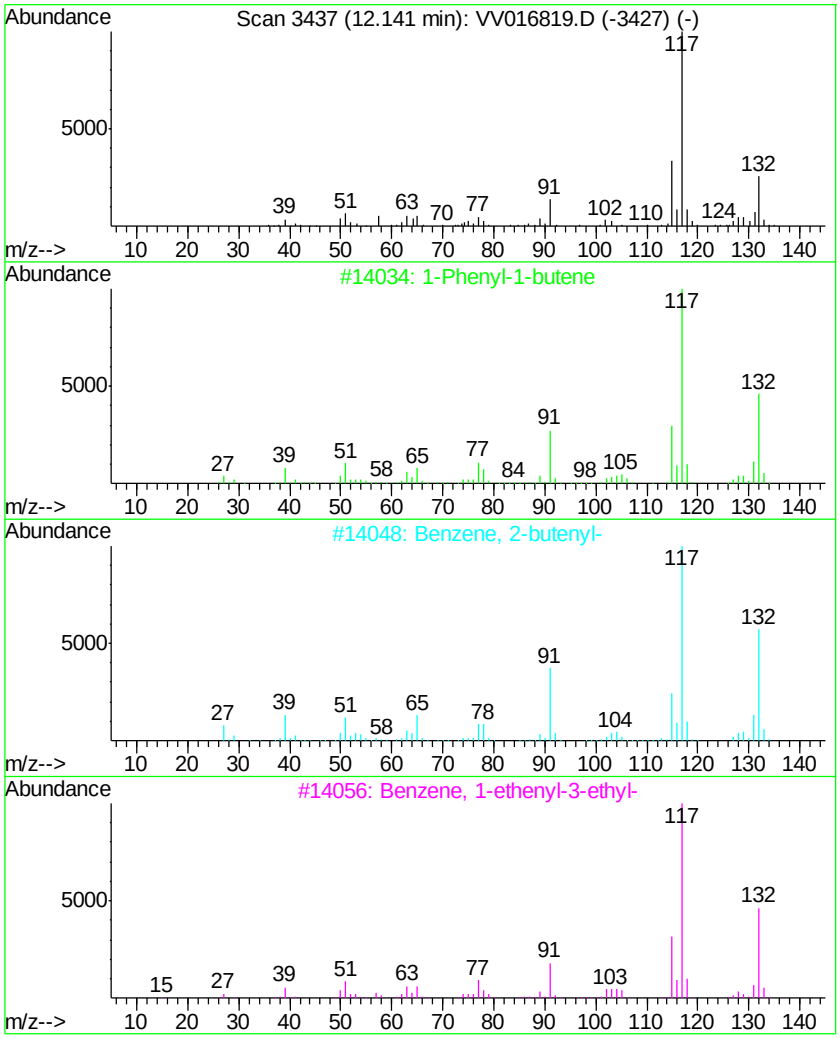
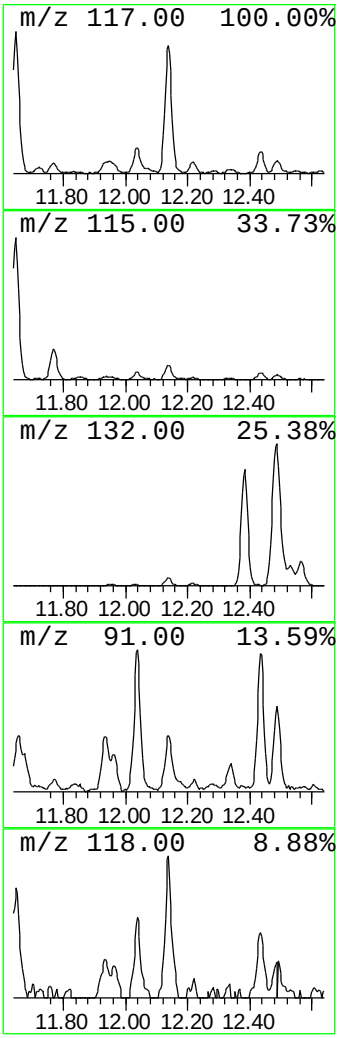
Peak Number 11 1-Phenyl-1-butene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	5.38 ug/L	124055	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83





Library Search Compound Report

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Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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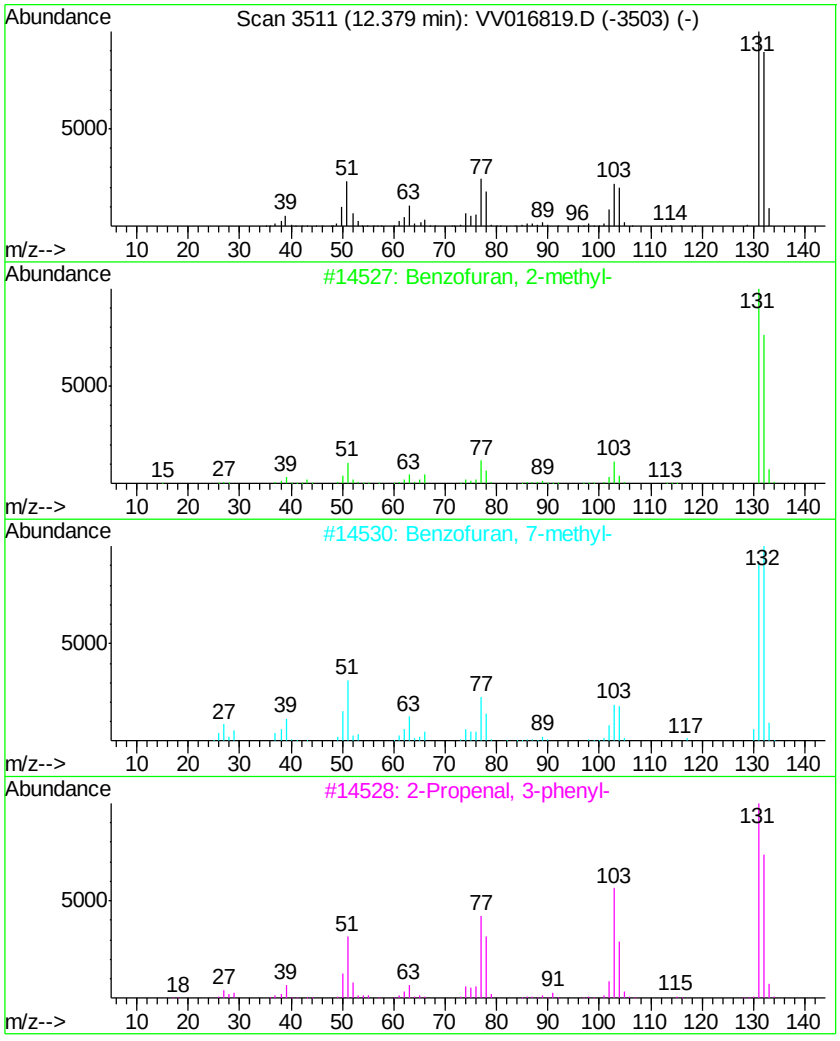
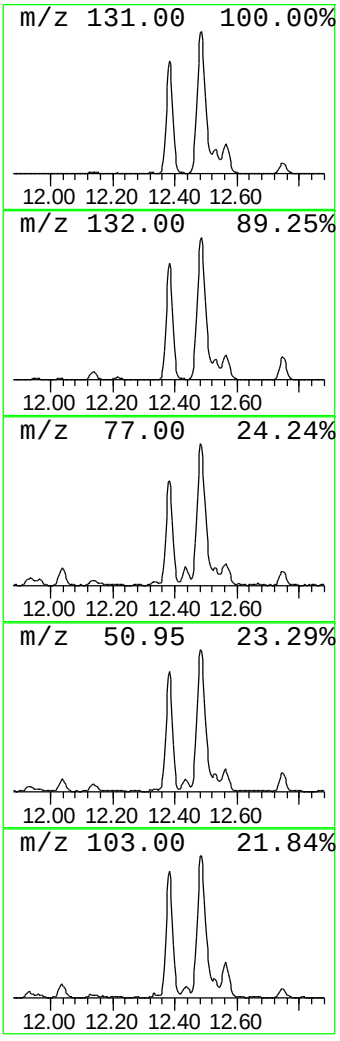
Peak Number 12 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	25.02 ug/L	577469	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
4	1H-Indenol	132	C9H8O	056631-57-3	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





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Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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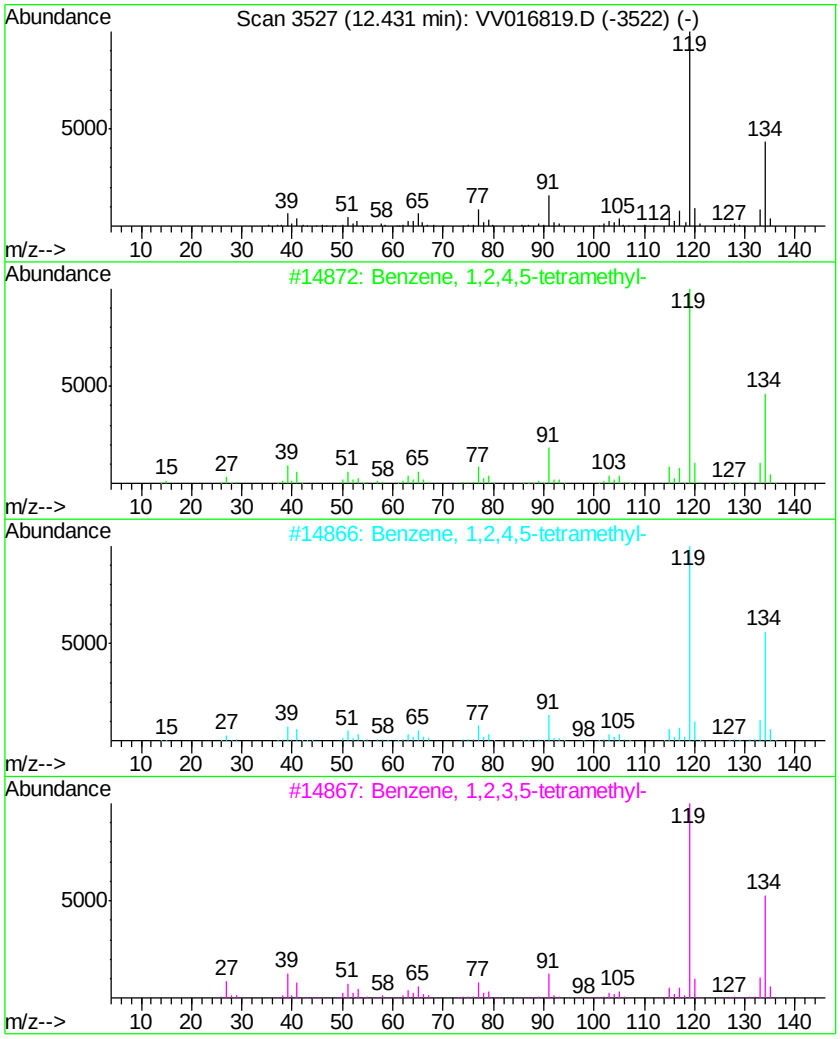
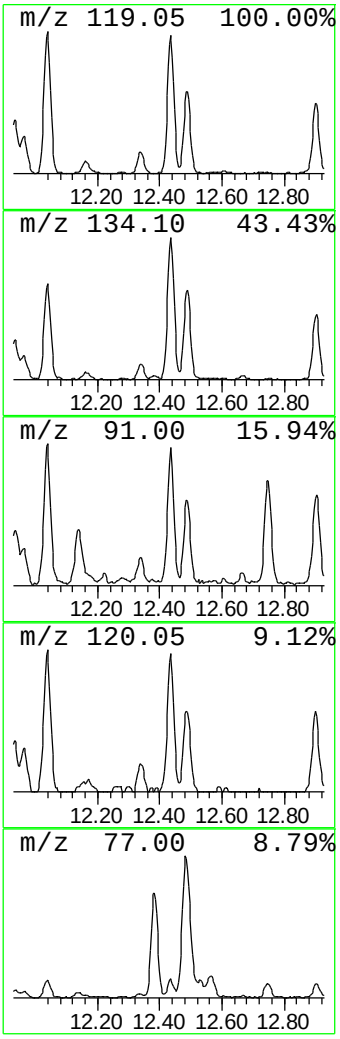
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	6.30 ug/L	145402	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93





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Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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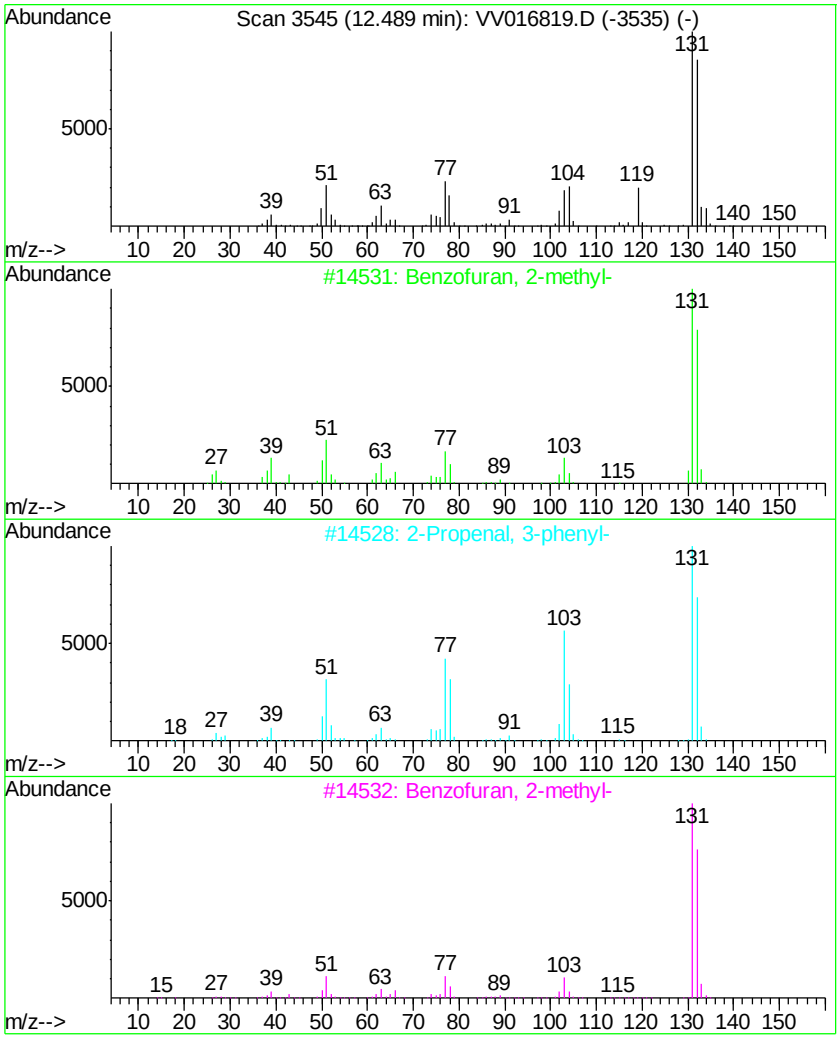
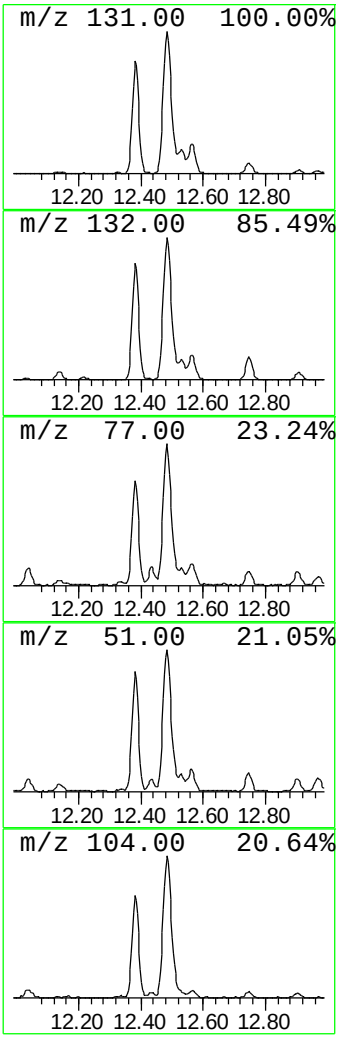
Peak Number 14 2-Propenal, 3-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	40.89 ug/L	943683	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	83





Library Search Compound Report

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Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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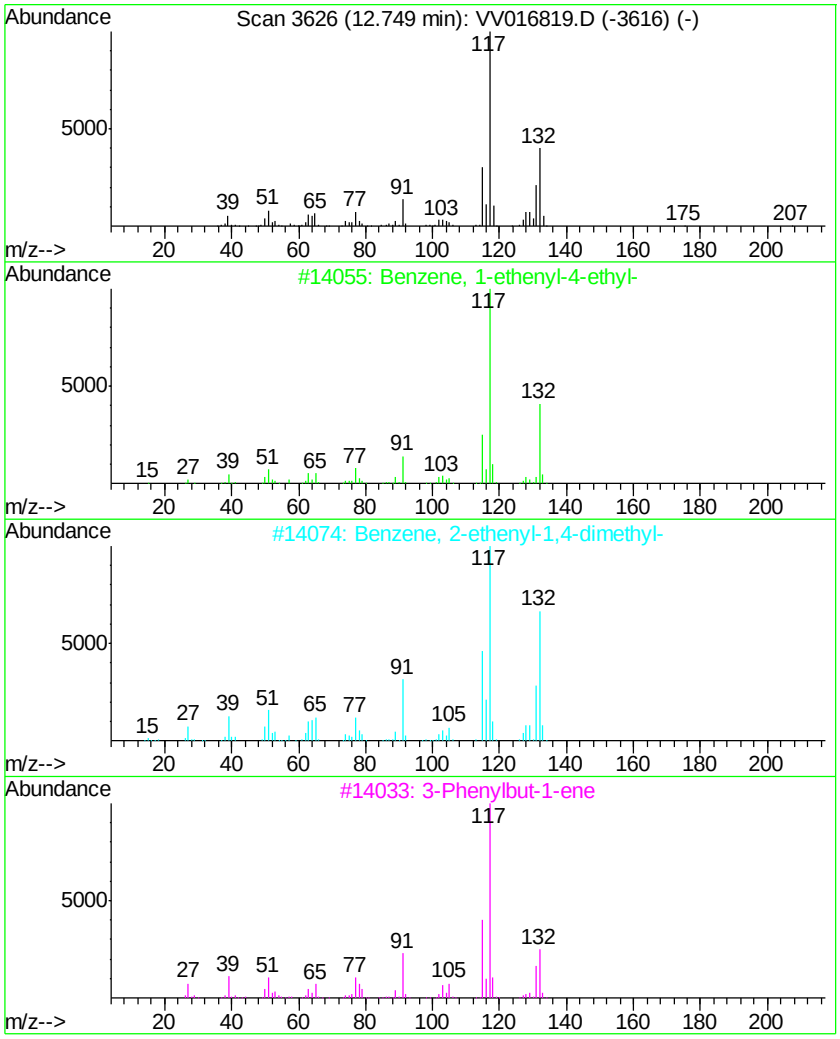
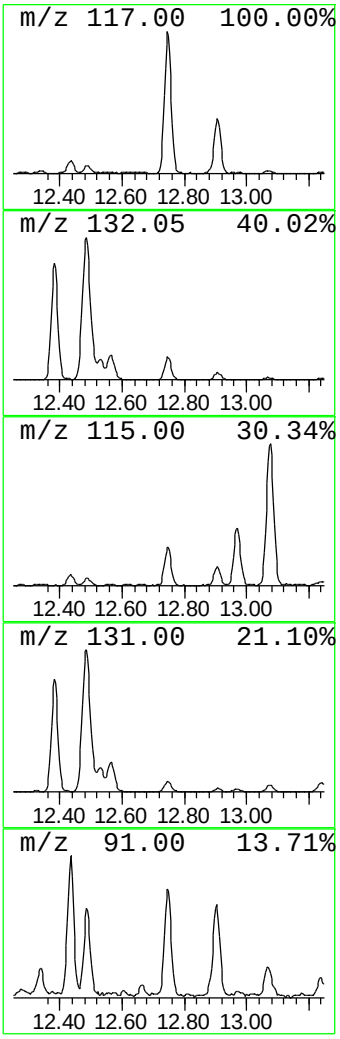
Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	9.95 ug/L	229554	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90





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Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

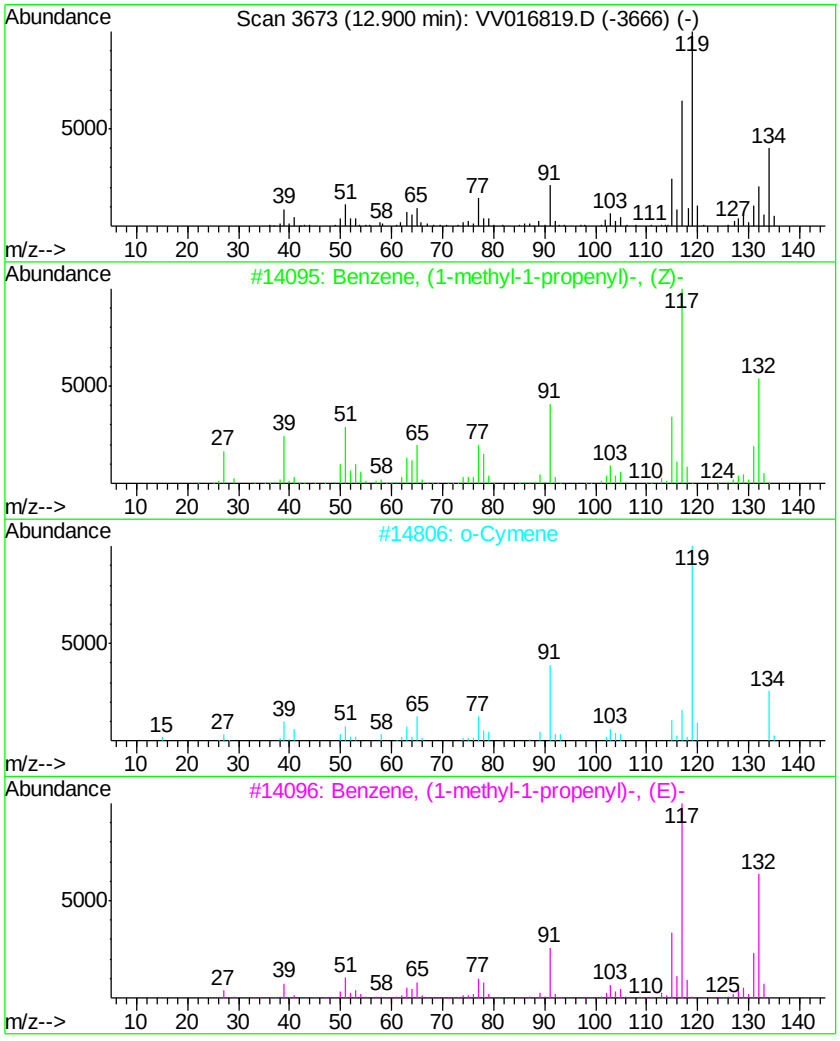
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

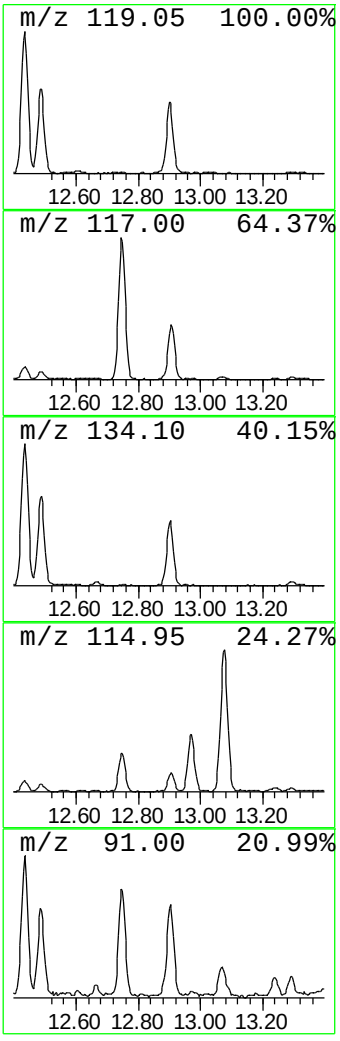
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, (1-methyl-1-propen... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	7.36 ug/L	169867	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
2	o-Cymene	134	C10H14	000527-84-4	55
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
4	o-Cymene	134	C10H14	000527-84-4	50
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50





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Data File : VV016819.D
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Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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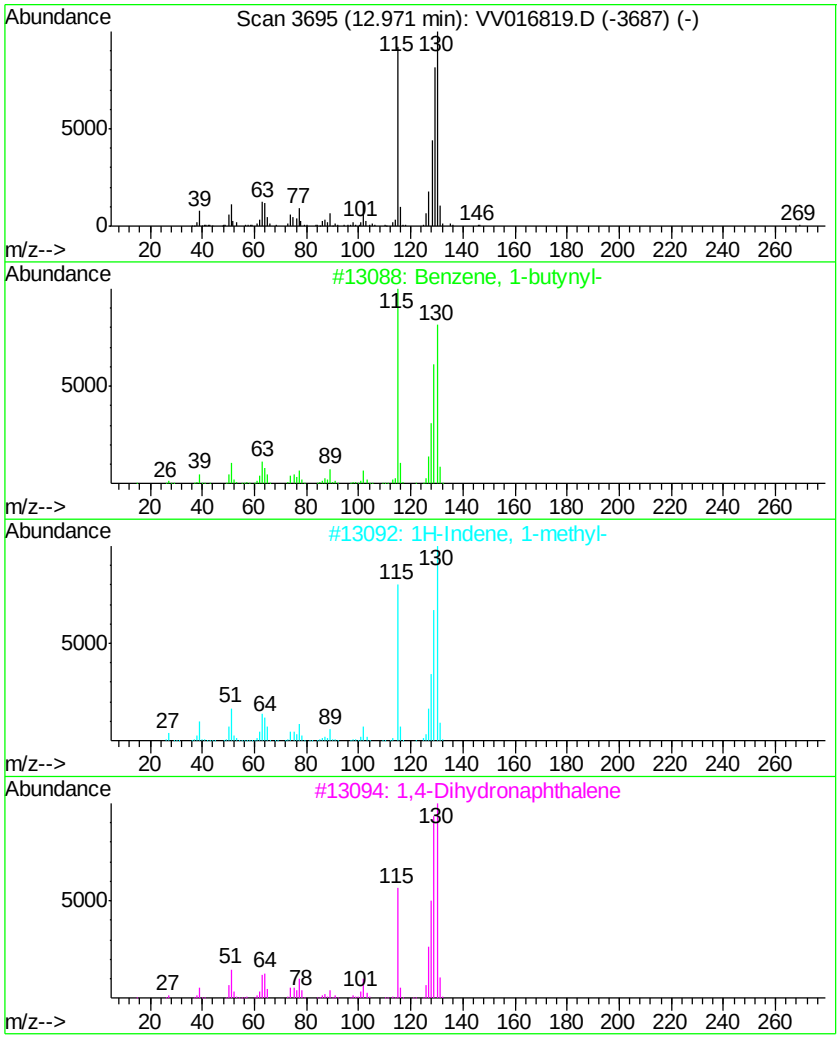
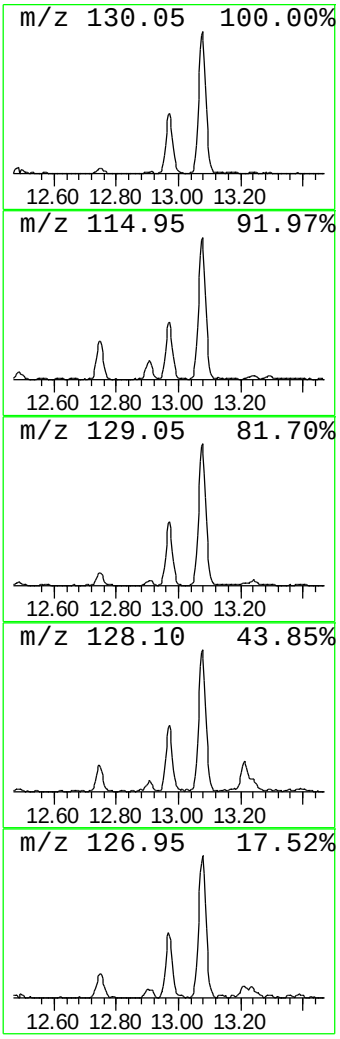
Peak Number 17 Benzene, 1-butynyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	7.21 ug/L	166345	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
3	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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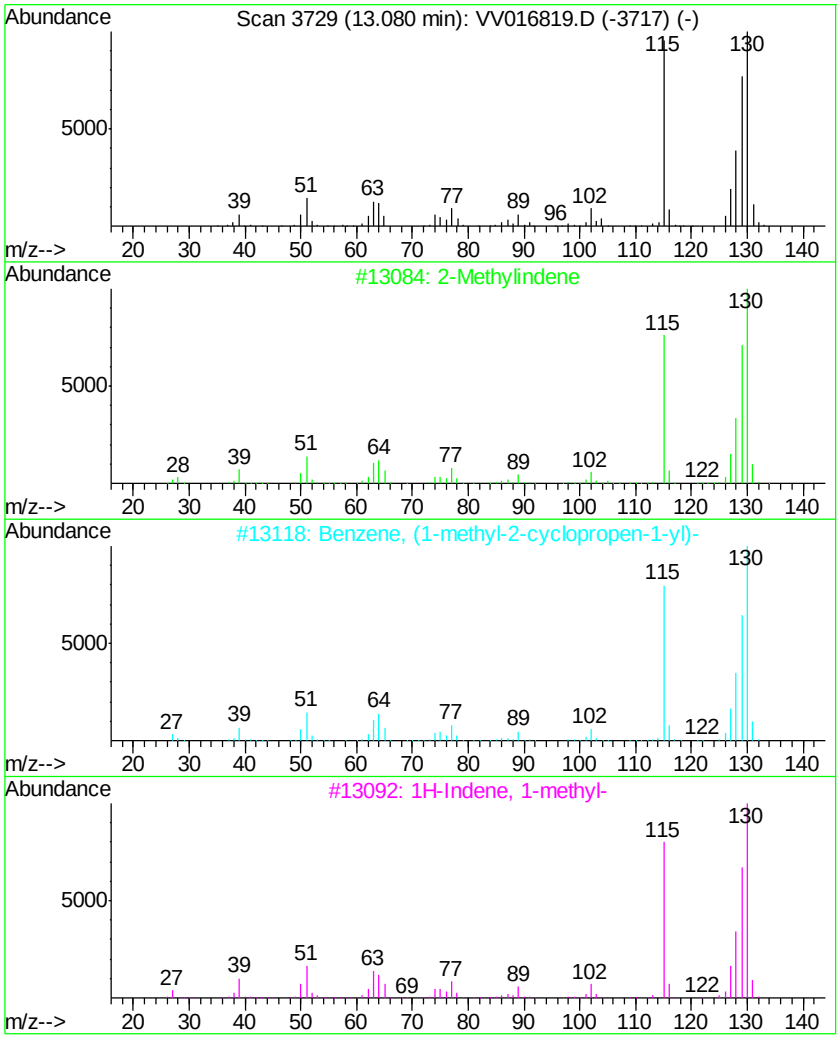
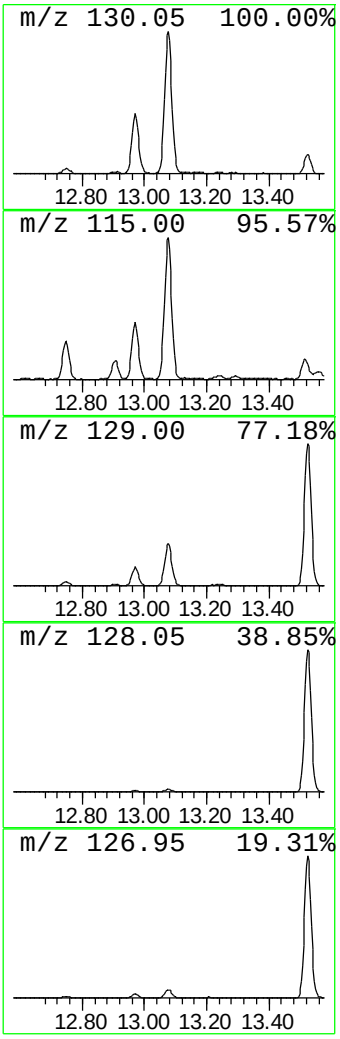
Peak Number 18 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	18.21 ug/L	420390	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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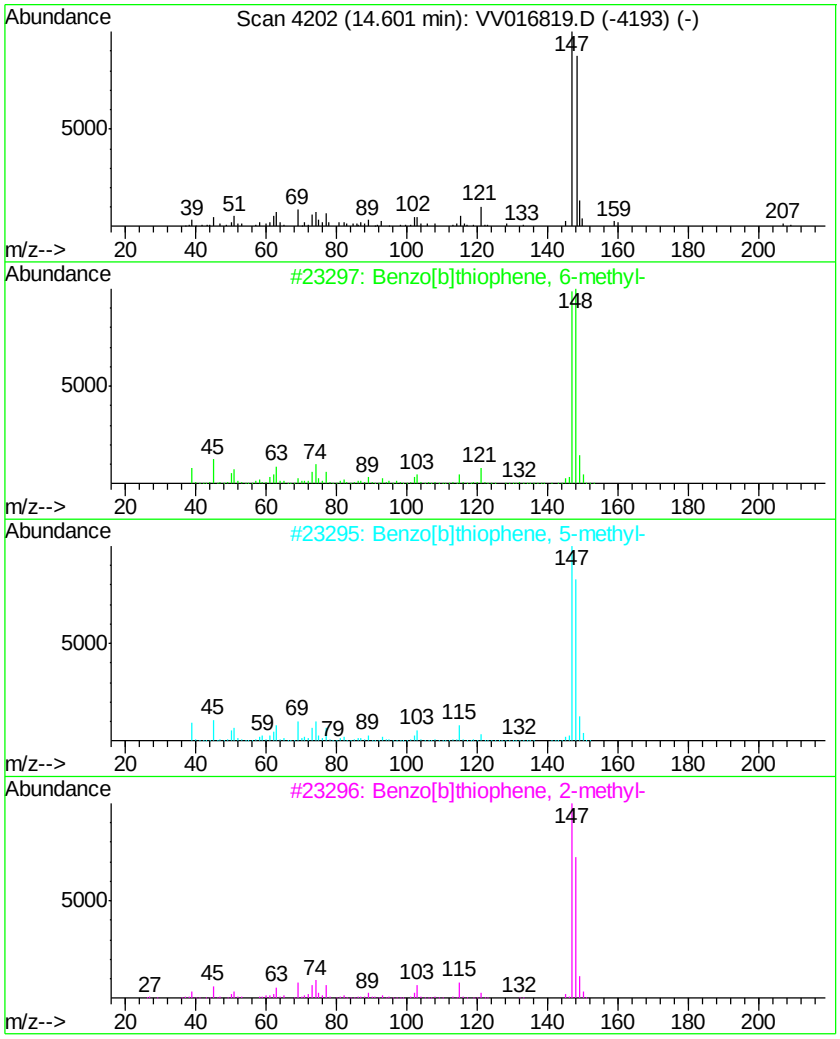
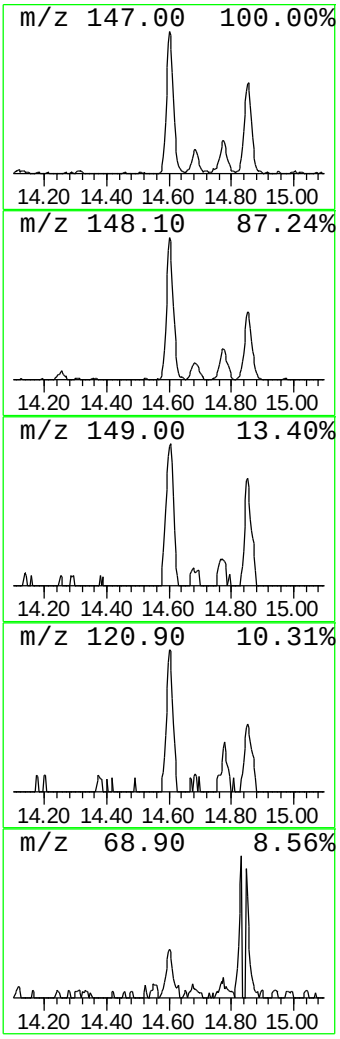
Peak Number 20 Benzo[b]thiophene, 6-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.98 ug/L	68820	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	94
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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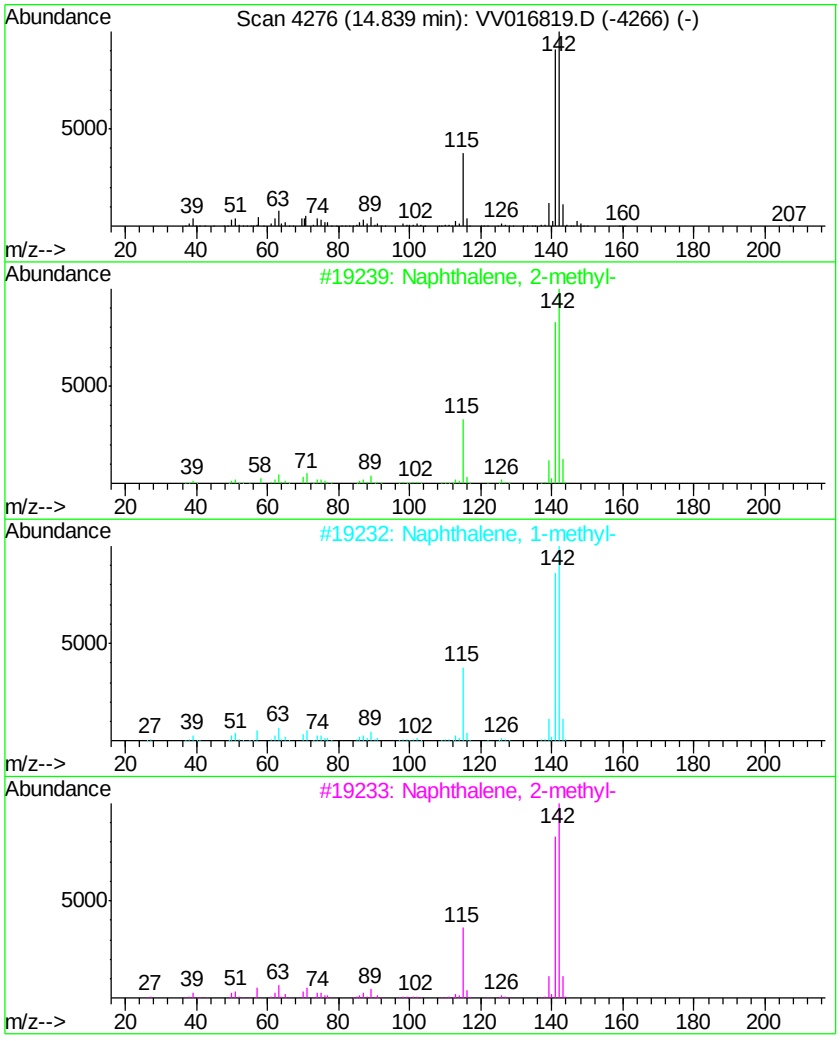
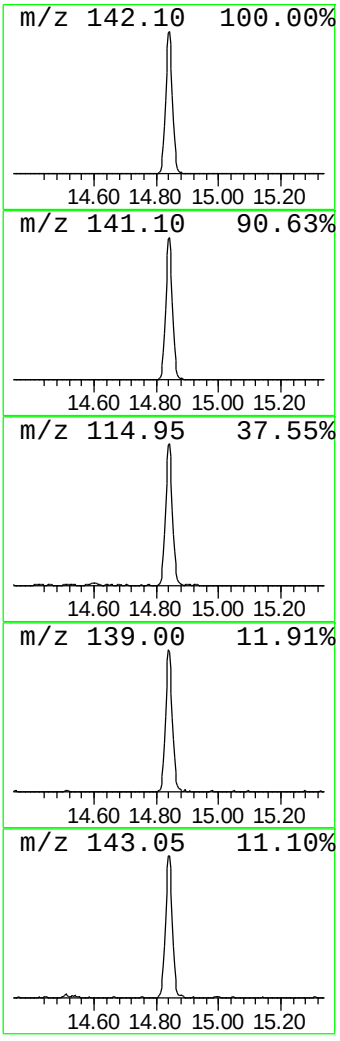
Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	28.54 ug/L	658768	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016819.D
Acq On : 11 Jun 2020 12:10
Operator : SY/MD
Sample : L2929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, propyl-	10.38	3.9	ug/L	89686	3	11.27	1153980	50.0
Mesitylene	10.56	4.5	ug/L	102993	3	11.27	1153980	50.0
Benzene, 1-ethyl-...	10.76	12.0	ug/L	277689	3	11.27	1153980	50.0
Benzene, 1,2,3-tr...	10.94	30.8	ug/L	711282	3	11.27	1153980	50.0
Benzene, 1,2,4-tr...	11.36	12.1	ug/L	280116	3	11.27	1153980	50.0
Indane	11.55	106.1	ug/L	2448690	3	11.27	1153980	50.0
Indene	11.77	4.3	ug/L	99080	3	11.27	1153980	50.0
Benzene, 2-ethyl-...	11.93	3.7	ug/L	85817	3	11.27	1153980	50.0
Benzene, 1-ethyl-...	12.04	8.8	ug/L	203700	3	11.27	1153980	50.0
1-Phenyl-1-butene	12.14	5.4	ug/L	124055	3	11.27	1153980	50.0
Benzofuran, 2-met...	12.38	25.0	ug/L	577469	3	11.27	1153980	50.0
Benzene, 1,2,4,5-...	12.43	6.3	ug/L	145402	3	11.27	1153980	50.0
2-Propenal, 3-phe...	12.49	40.9	ug/L	943683	3	11.27	1153980	50.0
Benzene, 1-etheny...	12.75	9.9	ug/L	229554	3	11.27	1153980	50.0
Benzene, (1-methy...	12.90	7.4	ug/L	169867	3	11.27	1153980	50.0
Benzene, 1-butynyl-	12.97	7.2	ug/L	166345	3	11.27	1153980	50.0
2-Methylindene	13.08	18.2	ug/L	420390	3	11.27	1153980	50.0
Benzo[b]thiophene...	14.60	3.0	ug/L	68820	3	11.27	1153980	50.0
Naphthalene, 1-me...	14.84	28.5	ug/L	658768	3	11.27	1153980	50.0