LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

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\SOM2VLM050719S.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	1.319	66	71	81	rVB	16606	15868	0.08%	0.038%
2	1.582	148	153	163	rVB	14036	15593	0.08%	0.037%
3	2.126	313	322	333	rBV	27651	39171	0.20%	0.093%
4	2.315	372	381	384	rBV3	656	937	0.00%	0.002%
5	2.534	440	449	464	rVB2	8395	13476	0.07%	0.032%
6	2.621	473	476	481	rVB	292	295	0.00%	0.001%
7	2.656	481	487	490	rBV2	320	293	0.00%	0.001%
8	2.676	490	493	495	rBV2	183	146	0.00%	0.000%
9	2.785	524	527	531	rVB2	278	181	0.00%	0.000%
10	2.868	547	553	556	rBV	296	286	0.00%	0.001%
11	2.913	561	567	571	rBV2	234	361	0.00%	0.001%
12	3.068	611	615	616	rBV2	1139	810	0.00%	0.002%
13	3.222	658	663	667	rBV	226	273	0.00%	0.001%
14	3.348	700	702	708	rVB2	182	169	0.00%	0.000%
15	3.380	708	712	717	rBV2	263	265	0.00%	0.001%
16	3.431	723	728	731	rVB	265	244	0.00%	0.001%
17	3.486	740	745	747	rBV	225	244	0.00%	0.001%
18	3.550	757	765	767	rBV	281	277	0.00%	0.001%
19	3.630	788	790	794	rBV2	153	157	0.00%	0.000%
20	3.775	831	835	840	rVB	335	344	0.00%	0.001%
21	3.942	879	887	895	rBV2	2160	4145	0.02%	0.010%
22	4.164	953	956	959	rBV	177	154	0.00%	0.000%
23	4.277	987	991	997	rVB2	215	199	0.00%	0.000%
24	4.396	1015	1028	1046	rBV3	13659	33108	0.17%	0.079%
25	4.701	1120	1123	1126	rBV2	204	179	0.00%	0.000%
26	4.759	1138	1141	1144	rVB	244	163	0.00%	0.000%
27	4.894	1177	1183	1186	rBV2	293	237	0.00%	0.001%
28	5.093	1231	1245	1264	rBV5	31122	77400	0.39%	0.184%
29	5.190	1272	1275	1277	rVB2	431	201	0.00%	0.000%
30	5.383	1333	1335	1338	rBV2	211	163	0.00%	0.000%
31	5.550	1383	1387	1389	rBV	268	212	0.00%	0.001%
32	5.663	1407	1422	1445	rBV2	23079	46413	0.23%	0.110%
33	5.839	1473	1477	1482	rBV2	386	323	0.00%	0.001%
34	5.865	1482	1485	1490	rBV2	230	224	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

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\SOM2VLM050719S.M
Title : VOC Analysis

35	6.116	1552	1563	1579	rBV2	18384	36229	0.18%	0.086%
36	6.232	1596	1599	1602	rBV2	212	182	0.00%	0.000%
37	6.290	1611	1617	1622	rVB	325	332	0.00%	0.001%
38	6.376	1640	1644	1649	rBB	207	248	0.00%	0.001%
39	6.428	1656	1660	1663	rBV2	208	156	0.00%	0.000%
40	6.450	1664	1667	1672	rBV2	261	241	0.00%	0.001%
41	6.524	1687	1690	1693	rVB	292	183	0.00%	0.000%
42	6.913	1808	1811	1815	rVV2	187	148	0.00%	0.000%
43	6.933	1815	1817	1822	rVB	255	161	0.00%	0.000%
44	7.029	1839	1847	1859	rBV5	7719	13014	0.07%	0.031%
45	7.145	1879	1883	1884	rBV	237	169	0.00%	0.000%
46	7.232	1908	1910	1913	rVB2	290	149	0.00%	0.000%
47	7.312	1931	1935	1938	rBV2	200	188	0.00%	0.000%
48	7.360	1939	1950	1966	rBV	30444	55677	0.28%	0.132%
49	7.588	2016	2021	2022	rBV	217	173	0.00%	0.000%
50	7.666	2035	2045	2061	rVB4	4798	8792	0.04%	0.021%
51	7.743	2064	2069	2074	rVB2	215	263	0.00%	0.001%
52	7.855	2099	2104	2107	rBV2	290	233	0.00%	0.001%
53	7.881	2107	2112	2115	rVB	2016	1201	0.01%	0.003%
54	7.907	2115	2120	2125	rBV2	235	277	0.00%	0.001%
55	8.071	2167	2171	2173	rBV2	211	177	0.00%	0.000%
56	8.135	2182	2191	2204	rBV3	7847	13957	0.07%	0.033%
57	8.306	2241	2244	2247	rBV2	246	167	0.00%	0.000%
58	8.505	2301	2306	2309	rBV	162	162	0.00%	0.000%
59	8.559	2320	2323	2330	rBV2	252	221	0.00%	0.001%
60	8.595	2330	2334	2338	rVB	193	187	0.00%	0.000%
61	8.897	2418	2428	2451	rBV	29214	52413	0.26%	0.124%
62	9.051	2473	2476	2478	rBV2	419	269	0.00%	0.001%
63	9.241	2531	2535	2538	rBV3	483	314	0.00%	0.001%
64	9.293	2548	2551	2554	rBV2	212	146	0.00%	0.000%
65	9.331	2559	2563	2566	rVB2	192	170	0.00%	0.000%
66	9.395	2579	2583	2586	rBV2	157	152	0.00%	0.000%
67	9.540	2623	2628	2631	rVB	242	231	0.00%	0.001%
68	9.604	2637	2648	2663	rVB4	7055	11767	0.06%	0.028%
69	9.691	2672	2675	2678	rBV2	296	224	0.00%	0.001%
70	9.752	2690	2694	2697	rVB3	759	635	0.00%	0.002%
71	9.846	2718	2723	2730	rVB4	819	1129	0.01%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

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\SOM2VLM050719S.M
Title : VOC Analysis

72	9.878	2731	2733	2735	rBV	697	411	0.00%	0.001%
73	9.949	2752	2755	2758	rBV3	404	266	0.00%	0.001%
74	10.013	2773	2775	2778	rVB2	337	203	0.00%	0.000%
75	10.087	2794	2798	2799	rBV2	290	240	0.00%	0.001%
76	10.257	2843	2851	2868	rBV3	14984	28714	0.14%	0.068%
77	10.395	2888	2894	2901	rBV3	3183	4347	0.02%	0.010%
78	10.492	2915	2924	2938	rBV	23650	56570	0.28%	0.134%
79	10.720	2986	2995	3000	rBV6	2303	4273	0.02%	0.010%
80	10.781	3007	3014	3020	rBV2	24519	38380	0.19%	0.091%
81	10.958	3062	3069	3080	rVB	198442	294632	1.48%	0.699%
82	11.029	3082	3091	3100	rBV	204674	301944	1.52%	0.716%
83	11.379	3192	3200	3211	rBV	228330	334740	1.68%	0.794%
84	11.575	3252	3261	3269	rBV3	86235	164326	0.83%	0.390%
85	11.791	3320	3328	3336	rBV	264523	400280	2.01%	0.949%
86	12.514	3544	3553	3566	rBV2	494728	933233	4.70%	2.213%
87	12.637	3584	3591	3602	rBV2	371818	611769	3.08%	1.451%
88	12.993	3695	3702	3713	rVB	965045	1429140	7.19%	3.389%
89	13.100	3726	3735	3752	rVB	1492949	2464331	12.40%	5.844%
90	13.559	3866	3878	3895	rVB	12247535	19868618	100.00%	47.120%
91	14.685	4217	4228	4244	rVB	5257278	7976537	40.15%	18.917%
92	14.868	4274	4285	4301	rVB	3311657	5174920	26.05%	12.273%
93	15.411	4447	4454	4465	rVB	283588	411156	2.07%	0.975%
94	15.717	4539	4549	4571	rVB	217451	370265	1.86%	0.878%
95	15.861	4585	4594	4601	rBV	263795	403749	2.03%	0.958%
96	15.990	4628	4634	4646	rVB	40847	61472	0.31%	0.146%
97	16.061	4649	4656	4660	rBV	31397	46509	0.23%	0.110%
98	16.231	4701	4709	4723	rVB2	18467	28777	0.14%	0.068%
99	16.324	4727	4738	4753	rBV	176924	283571	1.43%	0.673%
100	16.537	4797	4804	4817	rVB2	14183	19770	0.10%	0.047%

Sum of corrected areas: 42165991

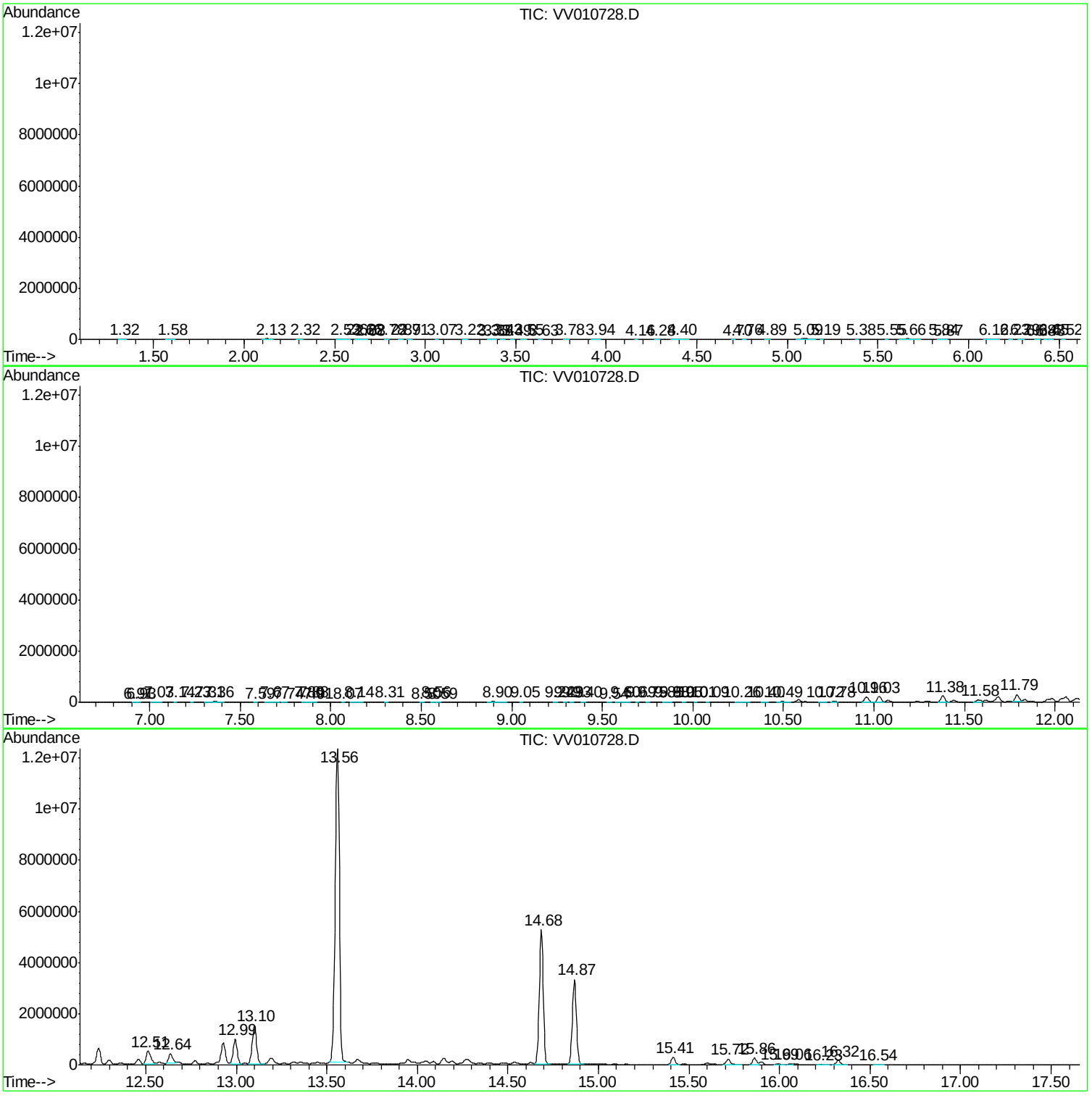
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

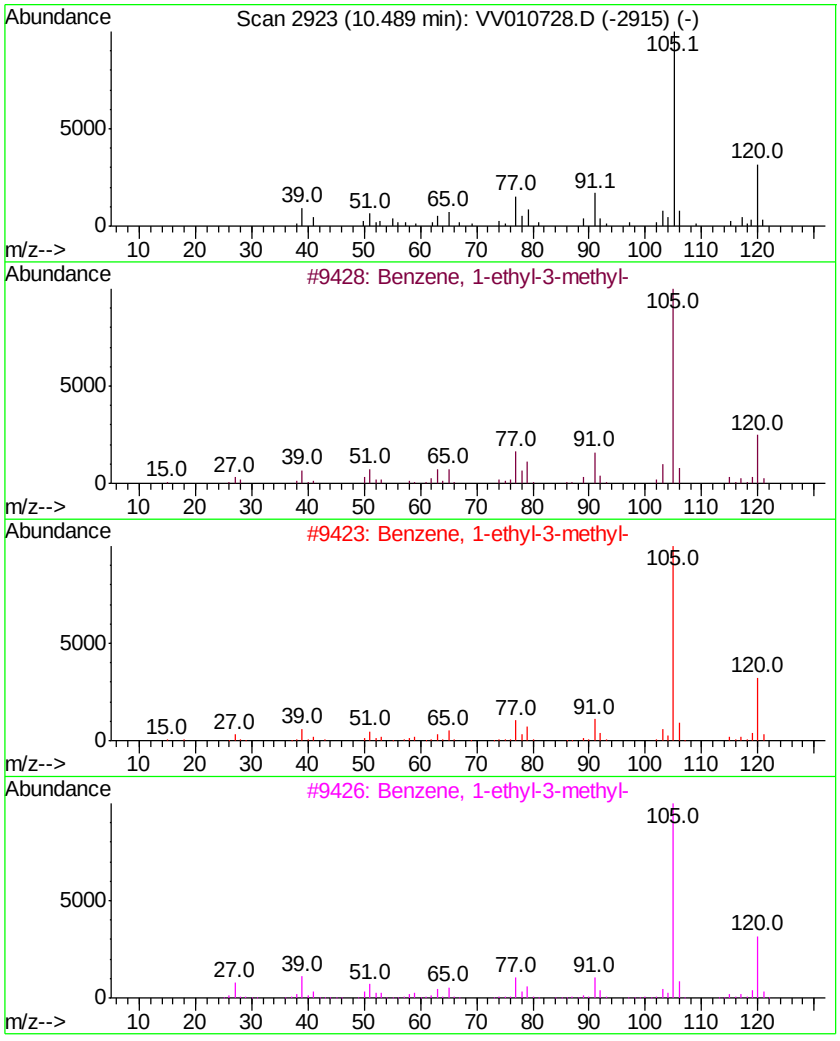
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

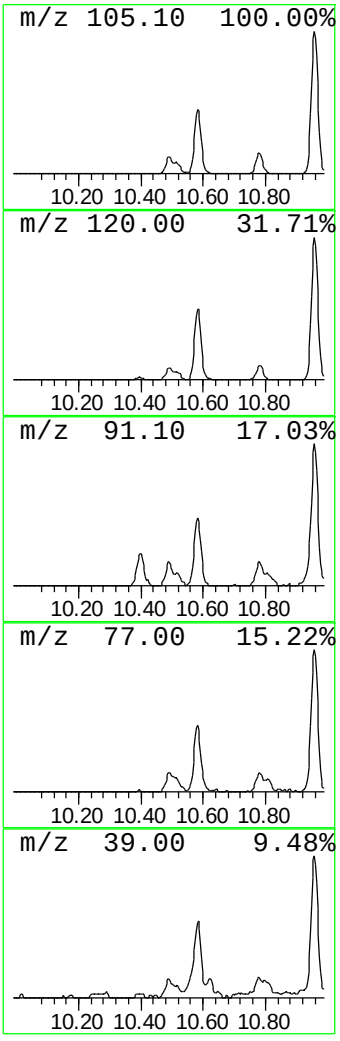
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	4.22 ug/L	56570	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

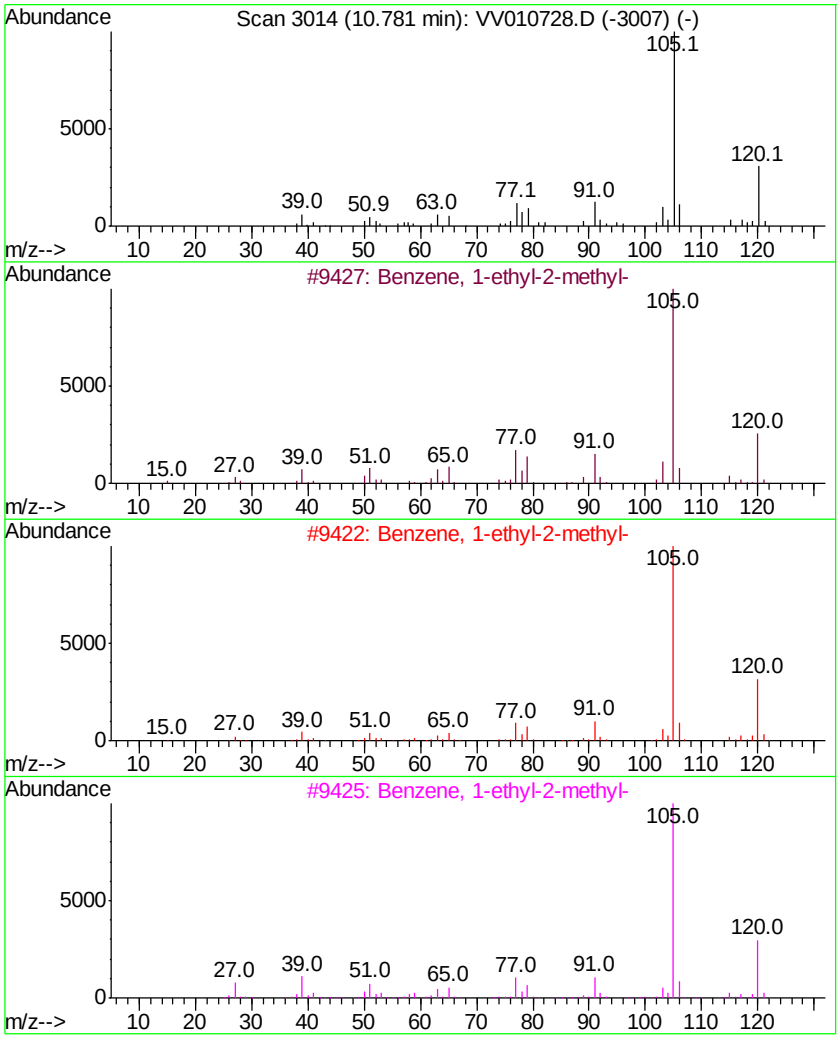
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

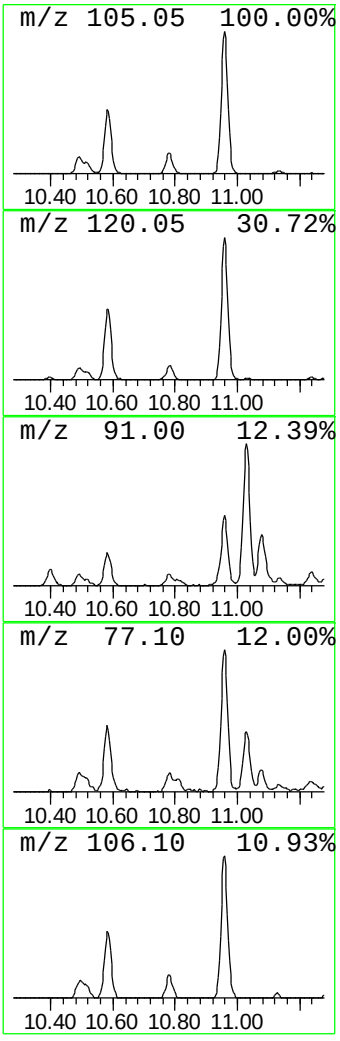
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.87 ug/L	38380	1,4-Dichlorobenzene-d4	11.29

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	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

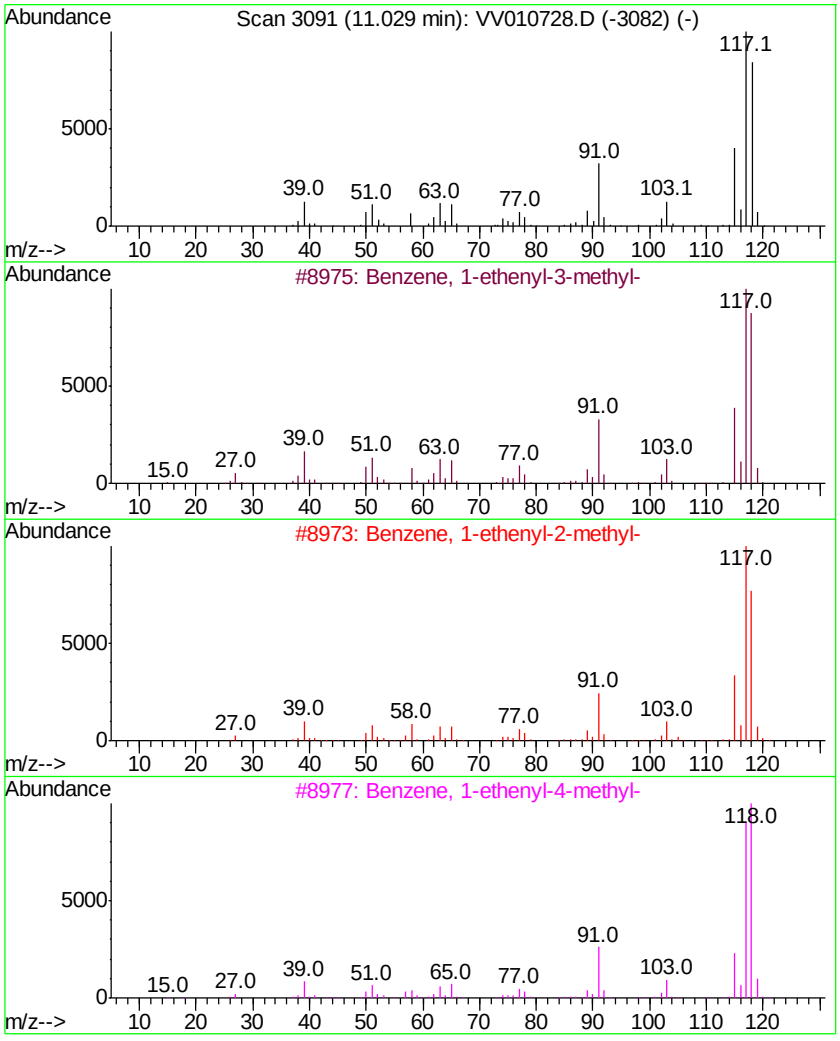
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

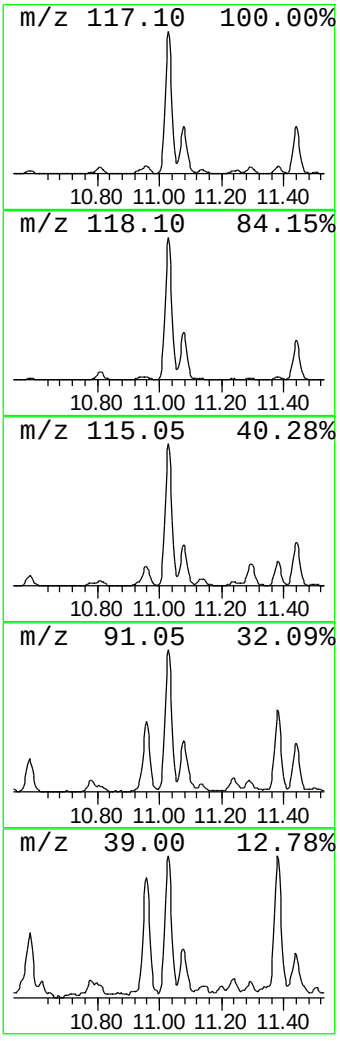
****

Peak Number 5 Benzene, 1-ethenyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	22.55 ug/L	301944	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	93
5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

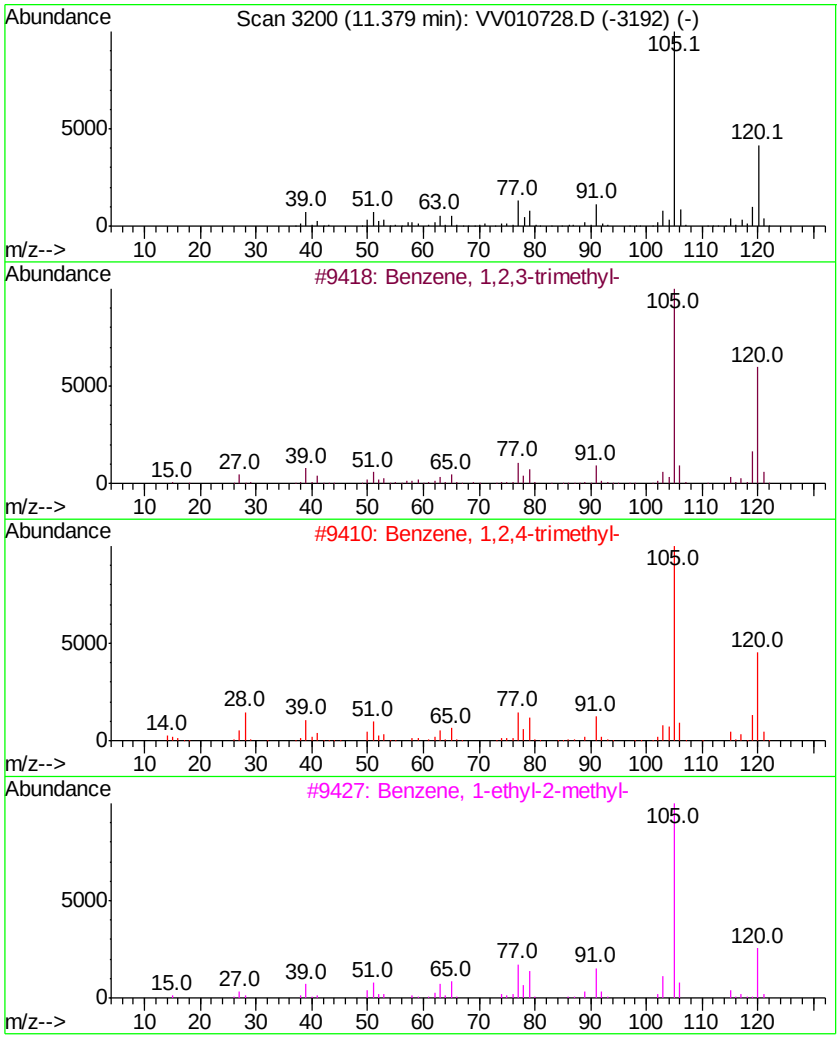
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

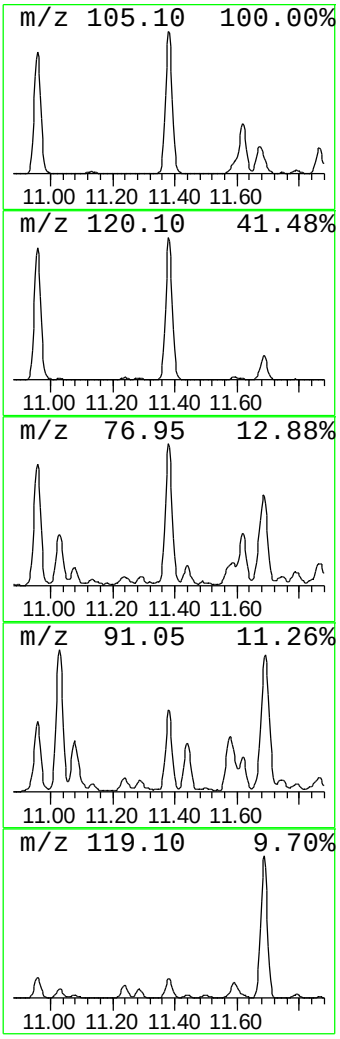
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	25.00 ug/L	334740	1,4-Dichlorobenzene-d4	11.29

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

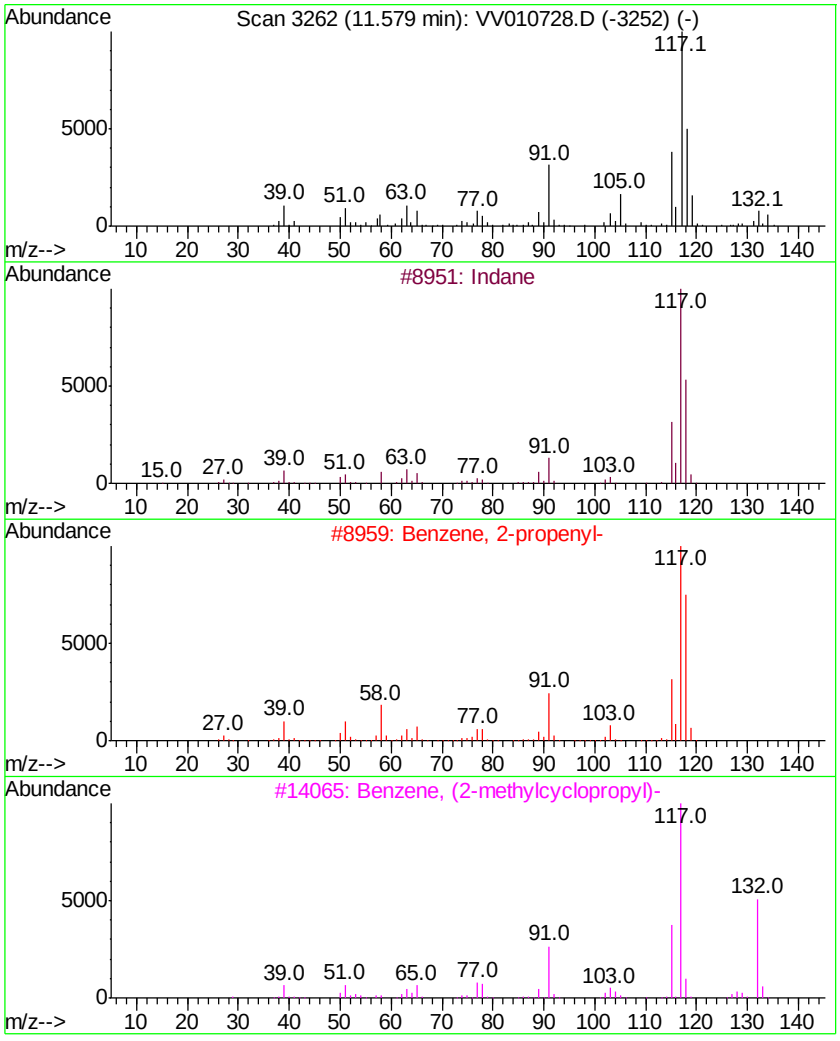
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

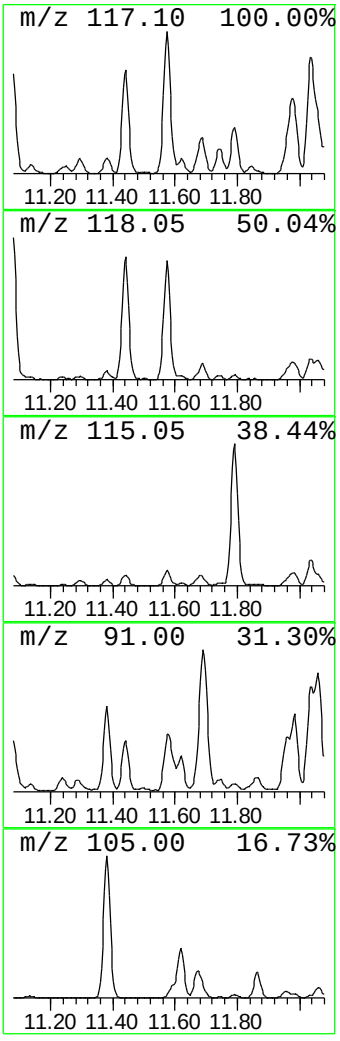
****

Peak Number 7 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	12.27 ug/L	164326	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	64
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
5	Indan, 1-methyl-	132	C10H12	000767-58-8	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

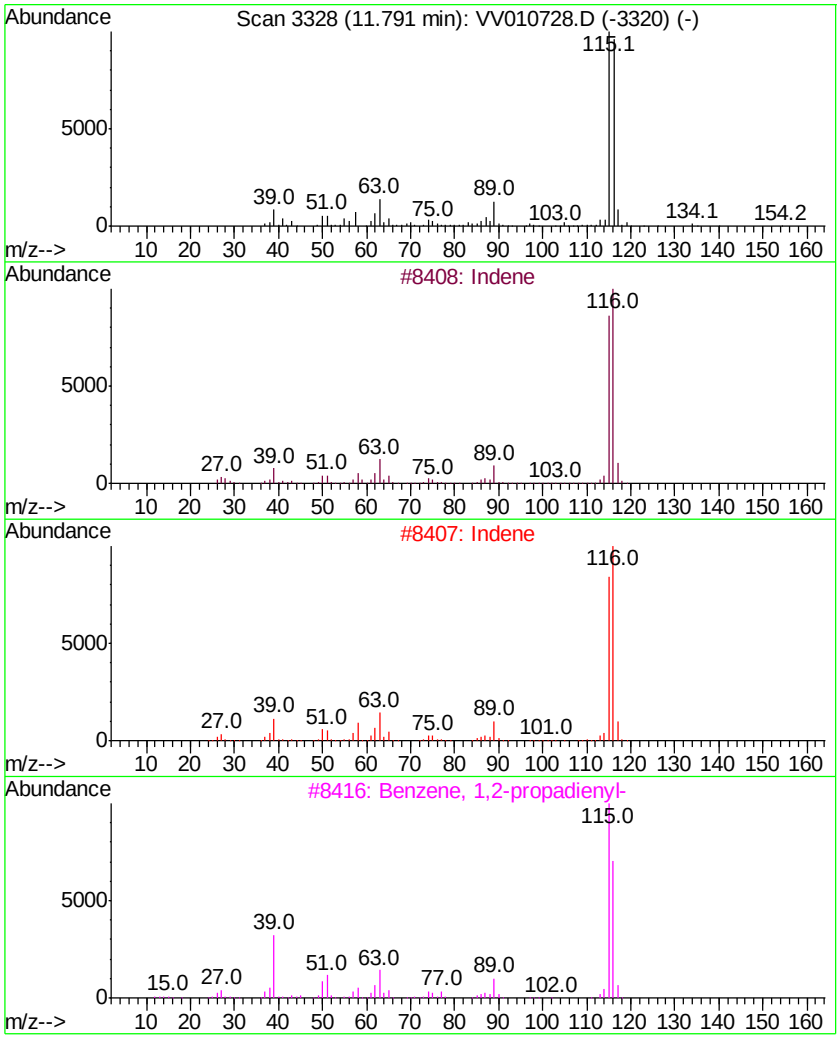
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

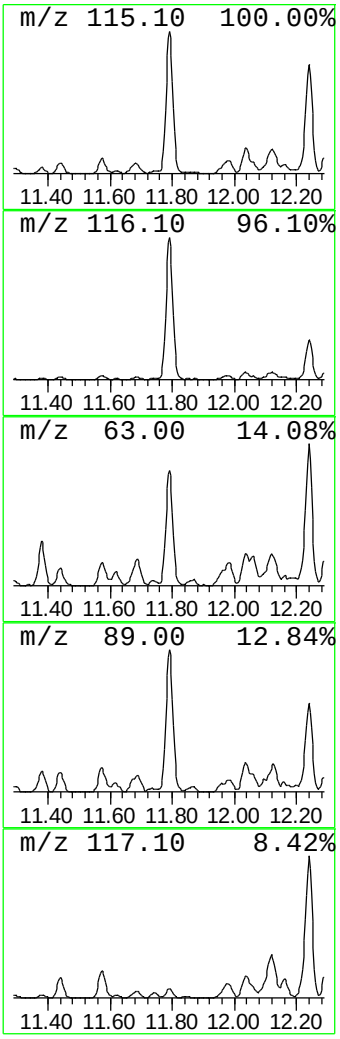
****

Peak Number 8 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	29.89 ug/L	400280	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

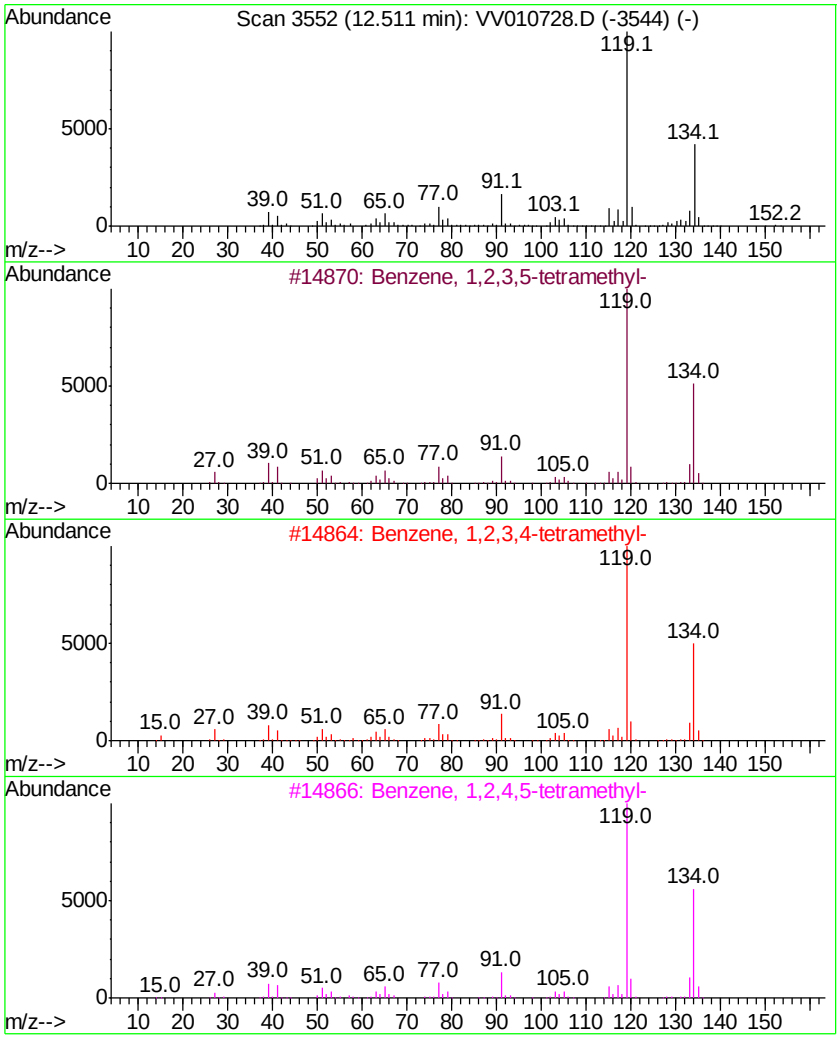
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

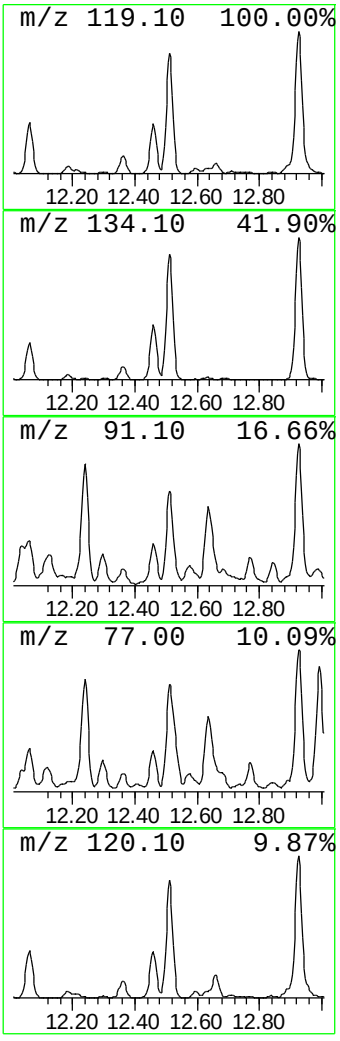
****

Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	69.70 ug/L	933233	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

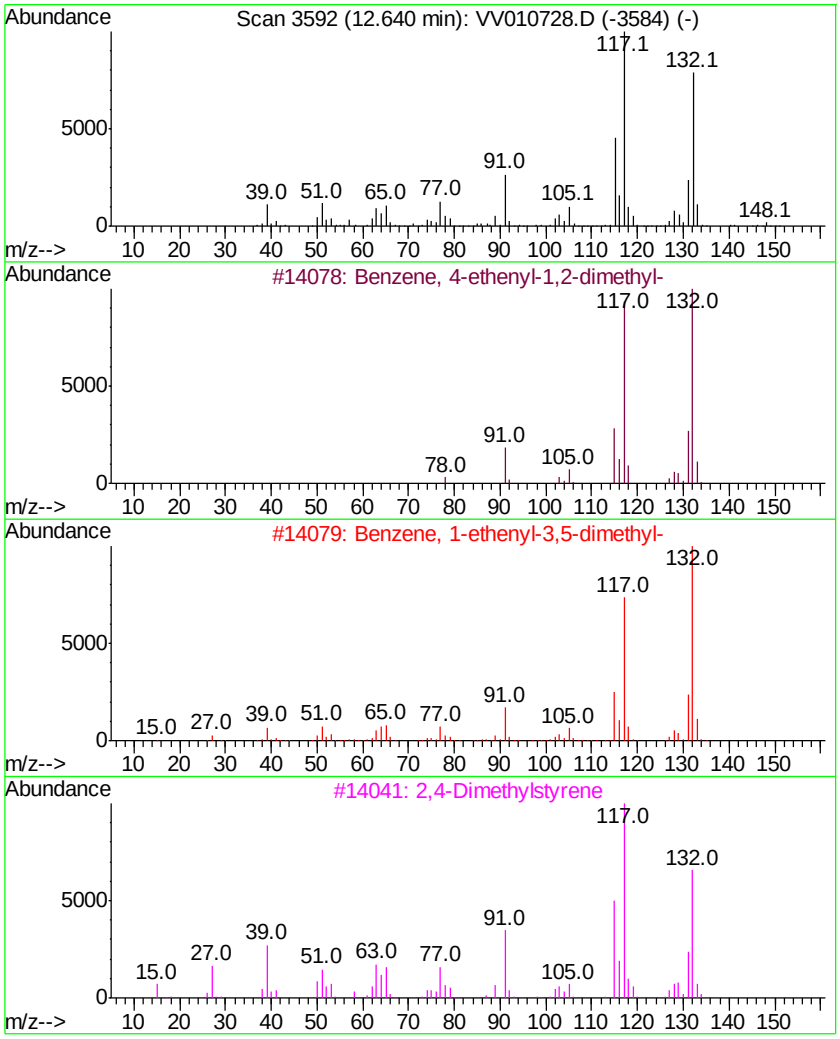
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

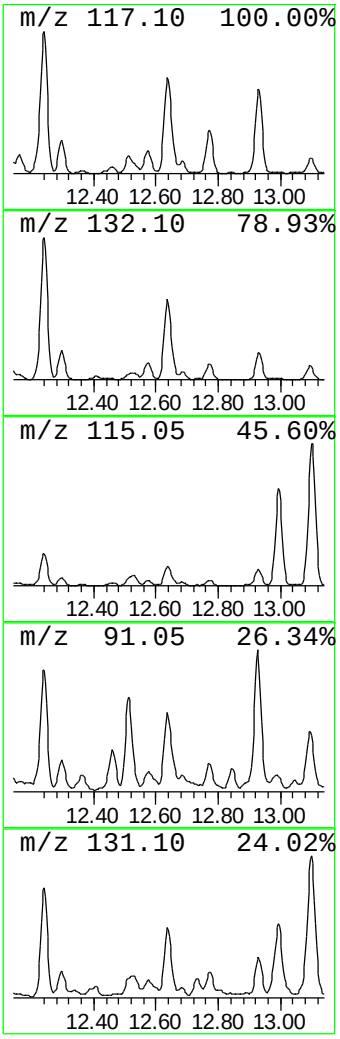
****

Peak Number 10 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	45.69 ug/L	611769	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	97
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

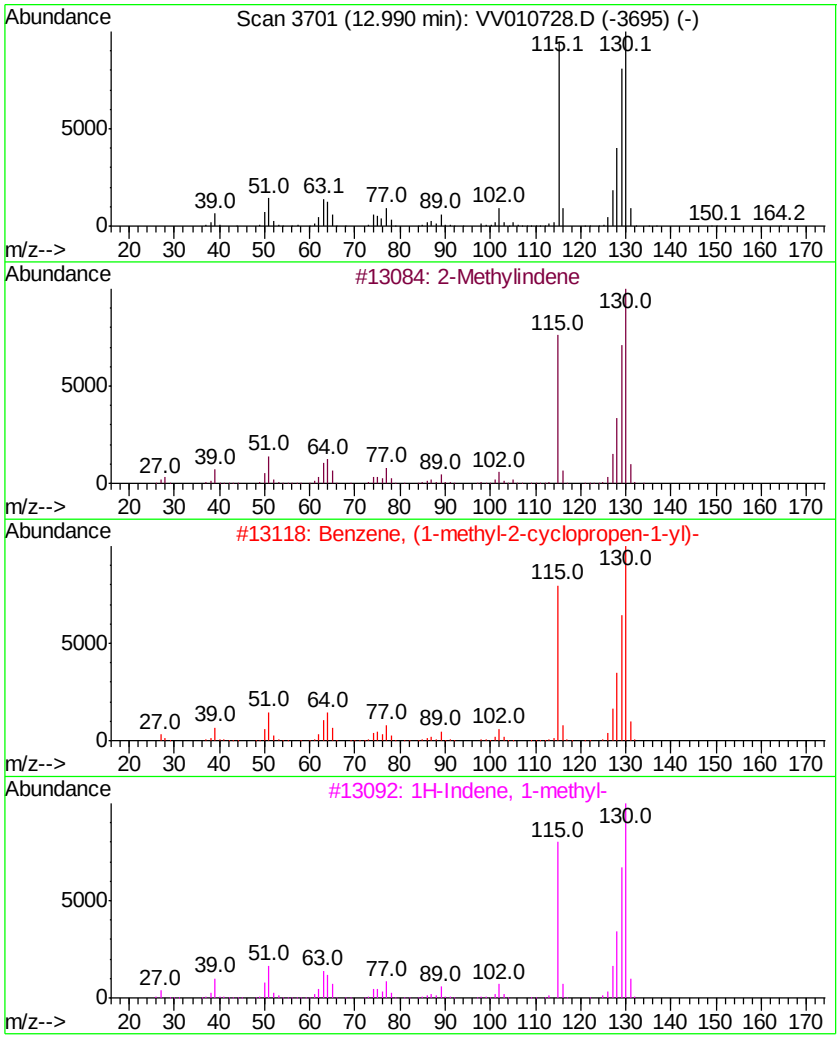
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

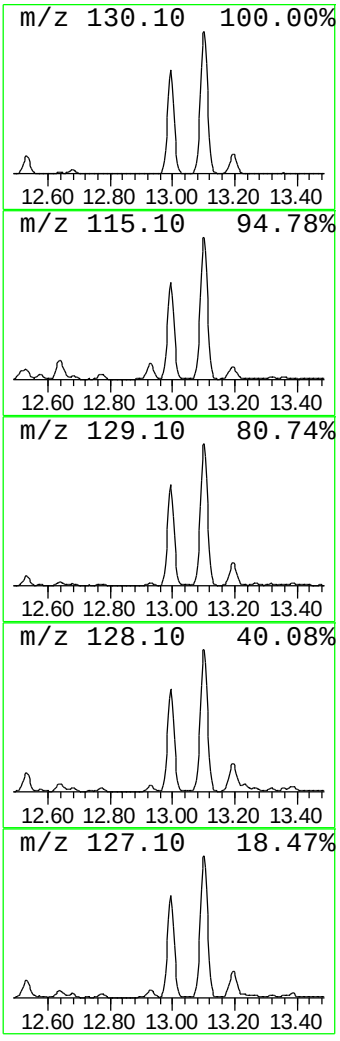
****

Peak Number 11 2-Methylindene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	106.74 ug/L	1429140	1,4-Dichlorobenzene-d4	11.29

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	97
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

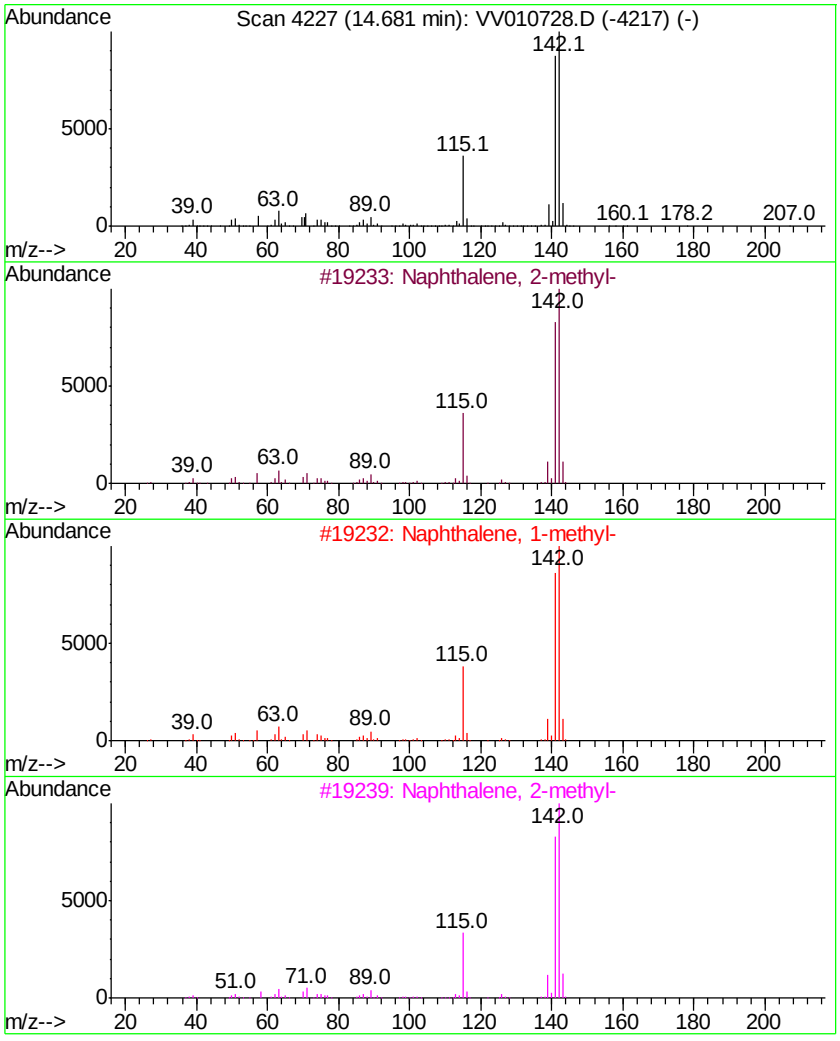
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

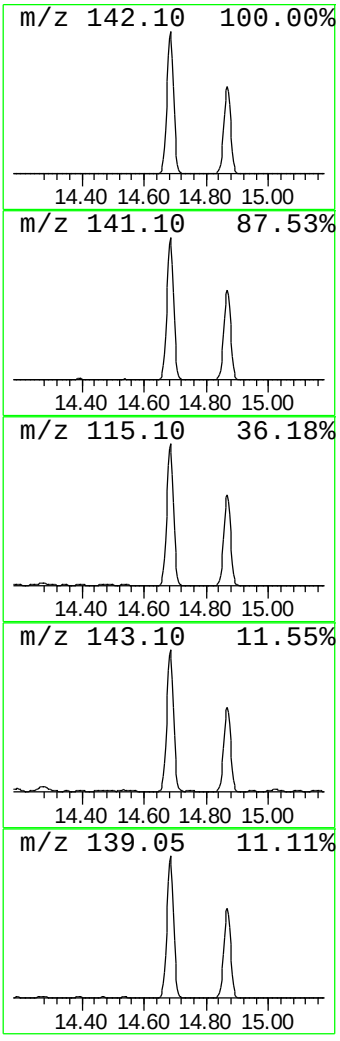
****

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	595.73 ug/L	7976540	1,4-Dichlorobenzene-d4	11.29

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, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

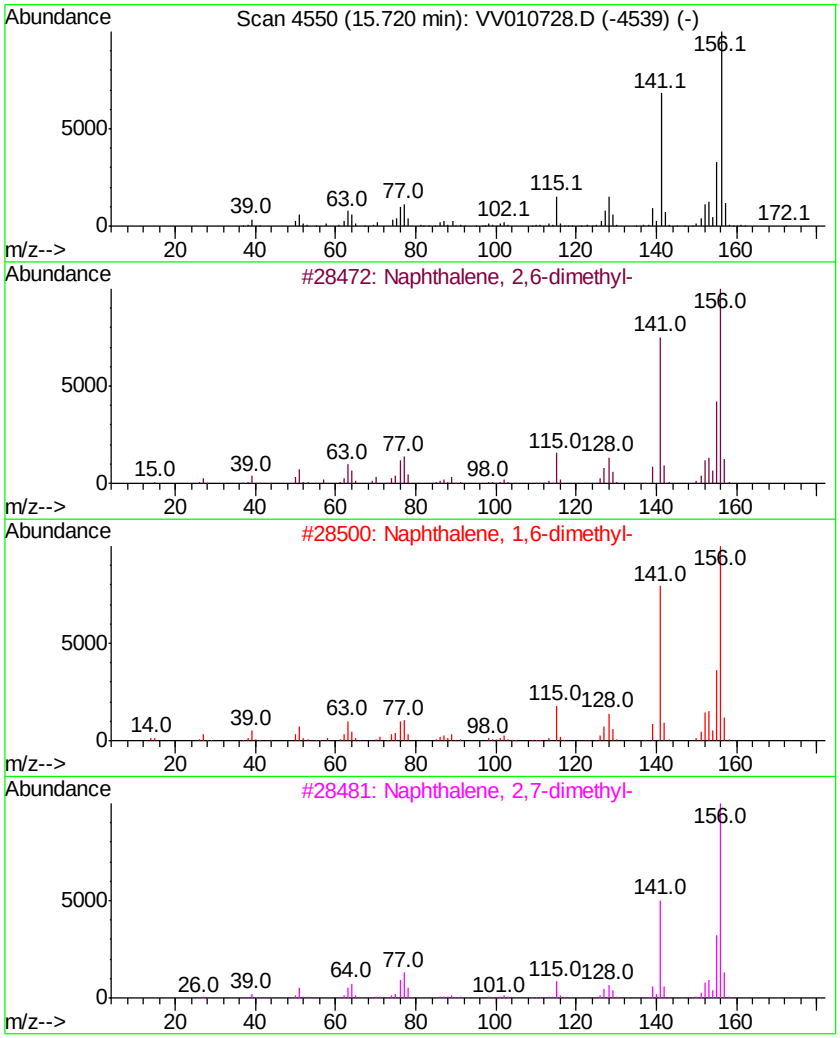
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

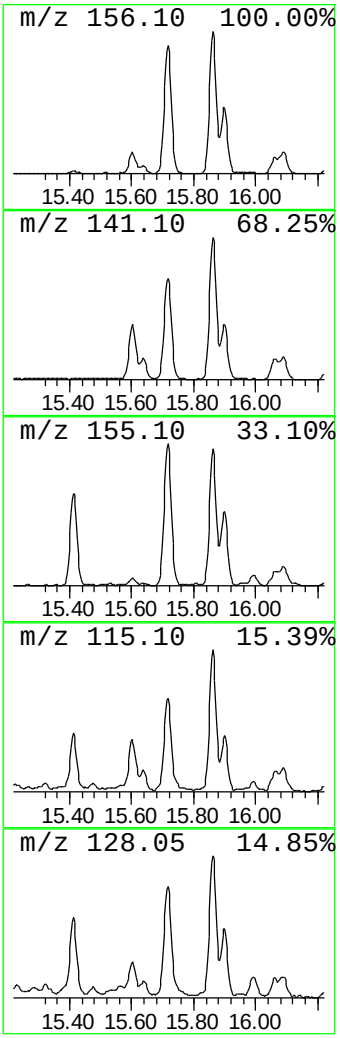
****

Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	27.65 ug/L	370265	1,4-Dichlorobenzene-d4	11.29

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

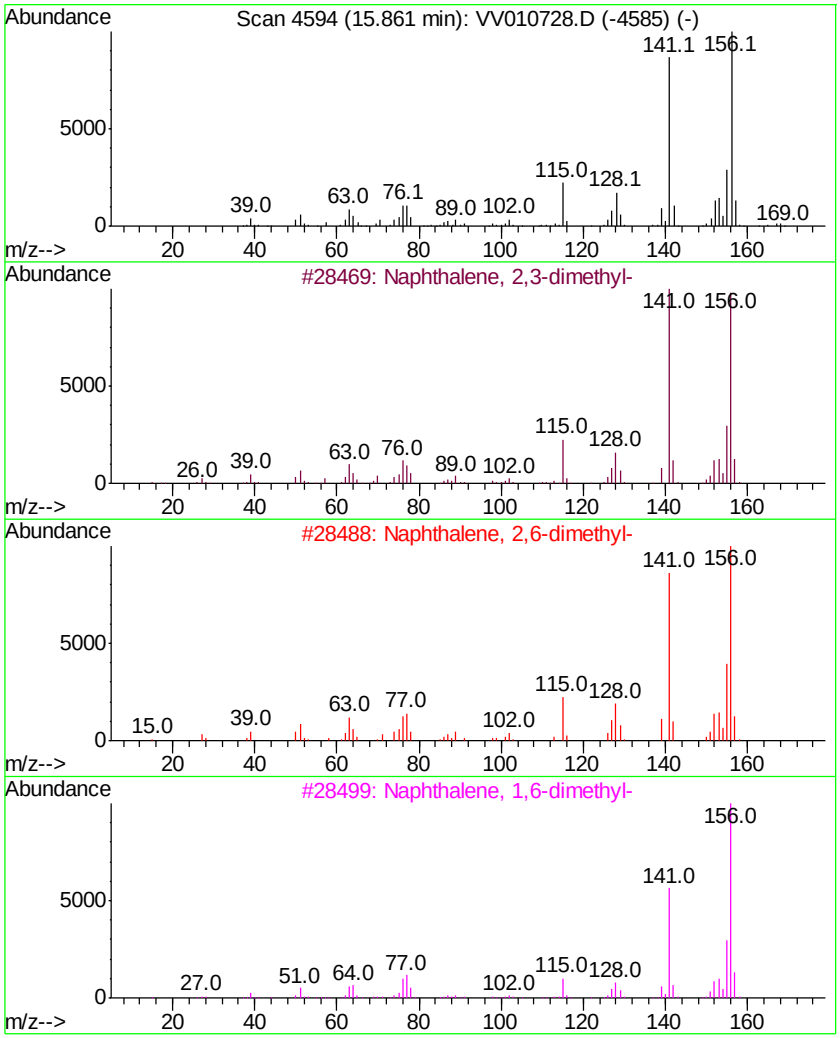
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

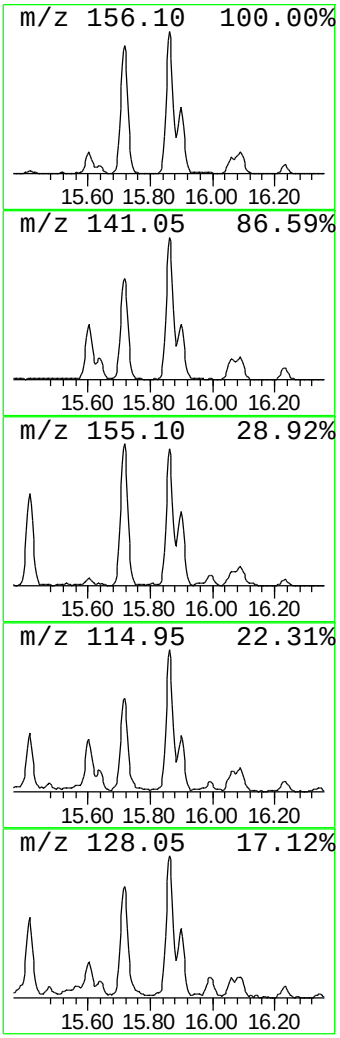
****

Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	30.15 ug/L	403749	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

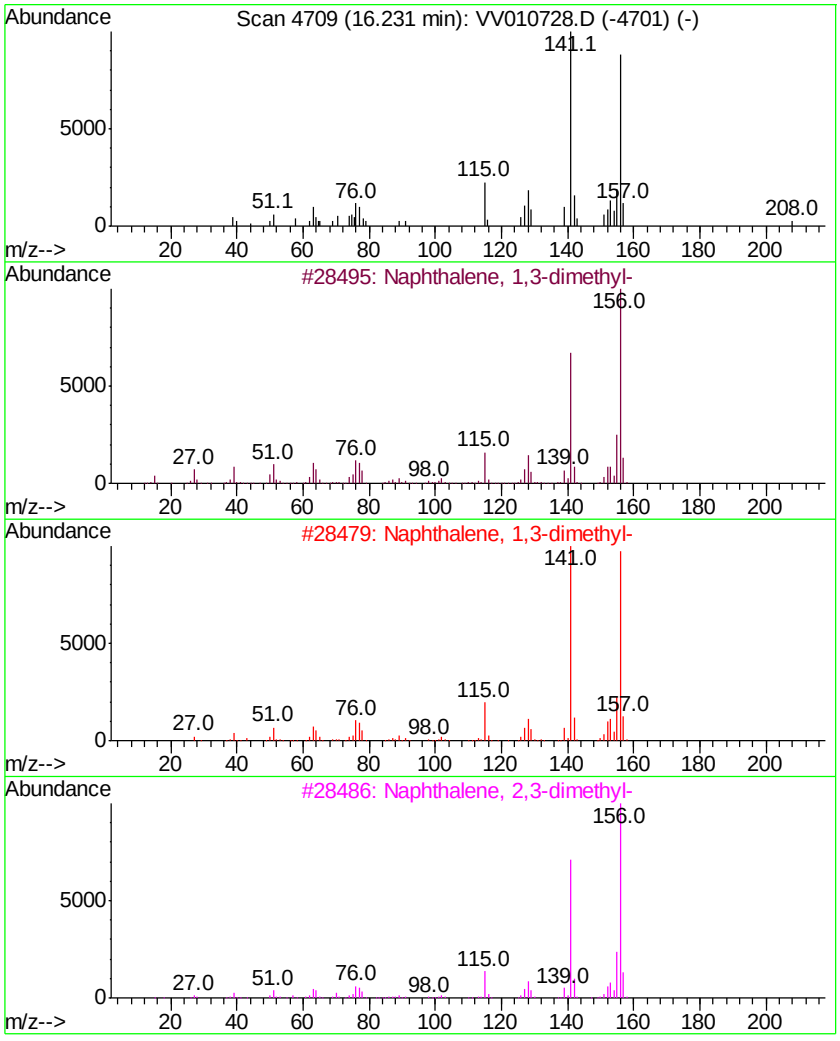
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

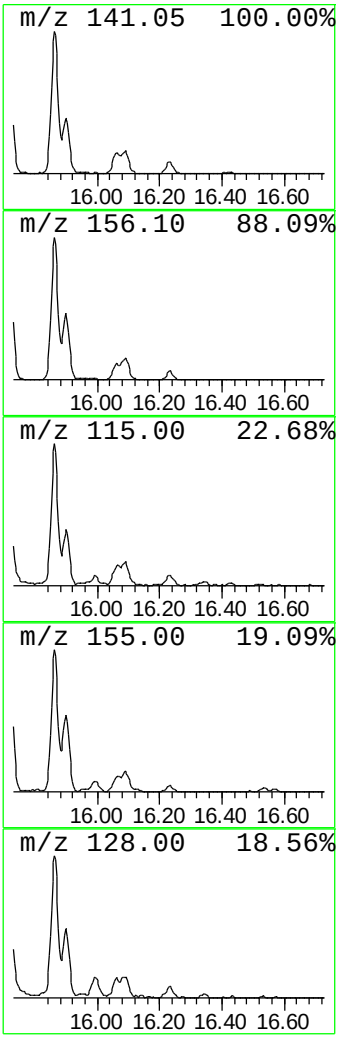
****

Peak Number 21 Naphthalene, 1,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	2.15 ug/L	28777	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

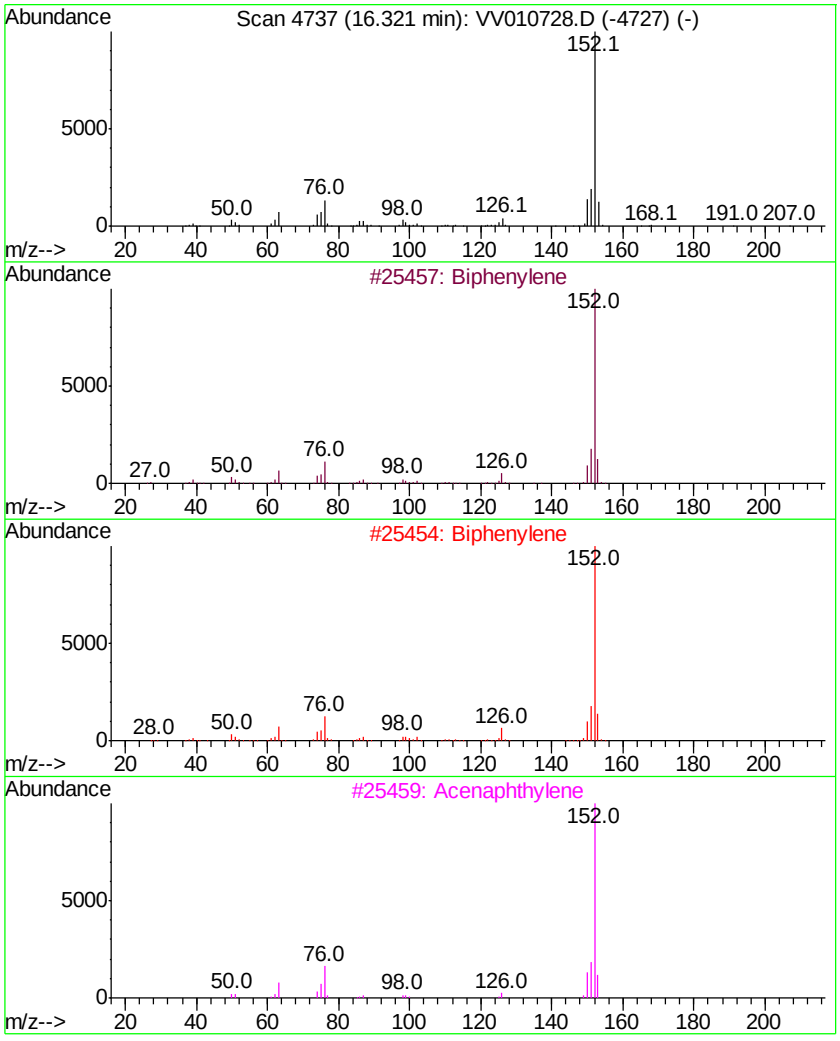
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

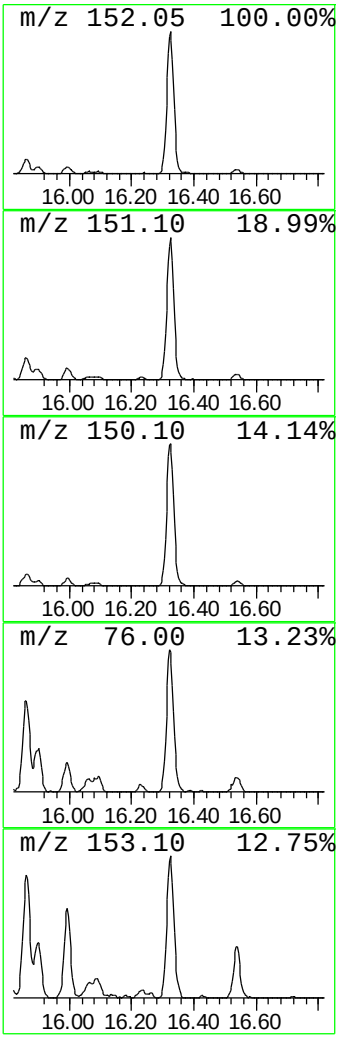
****

Peak Number 22 Biphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	21.18 ug/L	283571	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	95
2	Biphenylene	152	C12H8	000259-79-0	91
3	Acenaphthylene	152	C12H8	000208-96-8	90
4	Acenaphthylene	152	C12H8	000208-96-8	87
5	Acenaphthylene	152	C12H8	000208-96-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\
Data File : VV010728.D
Acq On : 08 May 2019 15:09
Operator : SY/MD
Sample : K2633-10
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJA2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.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, 1-ethyl-...	10.49	4.2	ug/L	56570	3	11.29	334740	25.0
Benzene, 1-ethyl-...	10.78	2.9	ug/L	38380	3	11.29	334740	25.0
Benzene, 1-etheny...	11.03	22.6	ug/L	301944	3	11.29	334740	25.0
Benzene, 1,2,3-tr...	11.38	25.0	ug/L	334740	3	11.29	334740	25.0
Indane	11.58	12.3	ug/L	164326	3	11.29	334740	25.0
Indene	11.79	29.9	ug/L	400280	3	11.29	334740	25.0
Benzene, 1,2,3,5-...	12.51	69.7	ug/L	933233	3	11.29	334740	25.0
Benzene, 4-etheny...	12.64	45.7	ug/L	611769	3	11.29	334740	25.0
2-Methylindene	12.99	106.7	ug/L	1429140	3	11.29	334740	25.0
Naphthalene, 1-me...	14.68	595.7	ug/L	7976540	3	11.29	334740	25.0
Naphthalene, 2,6-...	15.72	27.6	ug/L	370265	3	11.29	334740	25.0
Naphthalene, 2,3-...	15.86	30.1	ug/L	403749	3	11.29	334740	25.0
Naphthalene, 1,3-...	16.23	2.1	ug/L	28777	3	11.29	334740	25.0
Biphenylene	16.32	21.2	ug/L	283571	3	11.29	334740	25.0