LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

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\SOM2VLM050219S.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	1.203	30	35	48	rVB3	7668	10053	0.77%	0.086%
2	1.312	61	69	77	rVB	61698	61487	4.70%	0.529%
3	1.476	114	120	124	rVB3	1412	1381	0.11%	0.012%
4	1.573	142	150	162	rVB	45130	54524	4.17%	0.469%
5	1.637	168	170	176	rBV2	399	344	0.03%	0.003%
6	1.762	204	209	214	rVB4	1386	1450	0.11%	0.012%
7	2.042	291	296	302	rBV5	1007	1472	0.11%	0.013%
8	2.119	310	320	332	rBV	112334	160627	12.29%	1.381%
9	2.306	372	378	388	rBV3	2782	3879	0.30%	0.033%
10	2.531	439	448	458	rVB3	3897	6121	0.47%	0.053%
11	2.901	557	563	566	rBV	244	323	0.02%	0.003%
12	3.068	613	615	623	rVB2	1622	1648	0.13%	0.014%
13	3.225	660	664	670	rBV2	222	312	0.02%	0.003%
14	3.865	857	863	866	rBV	251	296	0.02%	0.003%
15	3.930	873	883	908	rBV	12015	31381	2.40%	0.270%
16	4.077	925	929	934	rBV2	427	417	0.03%	0.004%
17	4.145	944	950	955	rBV2	437	492	0.04%	0.004%
18	4.396	1009	1028	1056	rBV	95387	234456	17.94%	2.016%
19	5.090	1224	1244	1268	rBV3	216795	541347	41.42%	4.655%
20	5.428	1341	1349	1353	rBV2	352	345	0.03%	0.003%
21	5.495	1364	1370	1372	rBV2	214	267	0.02%	0.002%
22	5.659	1407	1421	1441	rBV	222846	446704	34.18%	3.841%
23	5.942	1502	1509	1517	rVV6	2171	3670	0.28%	0.032%
24	6.113	1549	1562	1590	rBV	120097	248150	18.99%	2.134%
25	6.434	1658	1662	1669	rBV2	207	328	0.03%	0.003%
26	6.621	1717	1720	1726	rVB2	276	298	0.02%	0.003%
27	6.698	1739	1744	1748	rVB2	368	316	0.02%	0.003%
28	7.026	1833	1846	1872	rBV	62423	110598	8.46%	0.951%
29	7.187	1893	1896	1900	rVB	344	272	0.02%	0.002%
30	7.357	1936	1949	1963	rBV	262910	458660	35.10%	3.944%
31	7.662	2034	2044	2061	rVV	35896	58813	4.50%	0.506%
32	7.974	2137	2141	2148	rVV3	1067	1526	0.12%	0.013%
33	8.016	2148	2154	2162	rVB3	2274	3397	0.26%	0.029%
34	8.132	2179	2190	2205	rBV	45137	76676	5.87%	0.659%

LSC Area Percent Report

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Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

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\SOM2VLM050219S.M
Title : VOC Analysis

35	8.289	2237	2239	2242	rVB3	452	274	0.02%	0.002%
36	8.576	2323	2328	2330	rBV	396	343	0.03%	0.003%
37	8.894	2413	2427	2463	rBV	299996	505582	38.69%	4.347%
38	9.177	2509	2515	2526	rVV6	1706	2660	0.20%	0.023%
39	9.248	2531	2537	2541	rBV4	457	599	0.05%	0.005%
40	9.605	2636	2648	2665	rVV3	12167	20532	1.57%	0.177%
41	9.746	2689	2692	2693	rBV3	563	307	0.02%	0.003%
42	9.801	2701	2709	2713	rBV3	321	383	0.03%	0.003%
43	9.849	2713	2724	2732	rVV5	1424	2145	0.16%	0.018%
44	9.887	2732	2736	2742	rVB2	511	451	0.03%	0.004%
45	9.945	2750	2754	2760	rBV2	303	383	0.03%	0.003%
46	10.058	2786	2789	2791	rBV	557	403	0.03%	0.003%
47	10.129	2808	2811	2816	rVB4	574	490	0.04%	0.004%
48	10.167	2820	2823	2827	rBV3	573	436	0.03%	0.004%
49	10.260	2838	2852	2868	rBV	86722	138800	10.62%	1.194%
50	10.379	2885	2889	2891	rBV3	297	287	0.02%	0.002%
51	10.402	2891	2896	2897	rBV2	760	536	0.04%	0.005%
52	10.424	2897	2903	2910	rVB4	2414	3426	0.26%	0.029%
53	10.498	2916	2926	2936	rBV10	4812	10173	0.78%	0.087%
54	10.582	2937	2952	2959	rBV2	18233	38381	2.94%	0.330%
55	10.717	2988	2994	2995	rVV4	919	969	0.07%	0.008%
56	10.778	3006	3013	3023	rBV3	4634	7138	0.55%	0.061%
57	10.842	3031	3033	3035	rBV3	770	450	0.03%	0.004%
58	10.958	3063	3069	3081	rVB	11157	18180	1.39%	0.156%
59	11.029	3083	3091	3100	rBV	28529	41507	3.18%	0.357%
60	11.080	3100	3107	3116	rVB3	6194	10102	0.77%	0.087%
61	11.196	3137	3143	3150	rBV6	4990	6314	0.48%	0.054%
62	11.238	3150	3156	3163	rVV5	8185	10934	0.84%	0.094%
63	11.293	3163	3173	3193	rVV	252800	414294	31.70%	3.562%
64	11.379	3193	3200	3209	rVB	23561	34525	2.64%	0.297%
65	11.592	3255	3266	3267	rBV9	15699	22621	1.73%	0.195%
66	11.672	3281	3291	3306	rVB4	251866	505073	38.65%	4.343%
67	11.791	3321	3328	3335	rBV	25174	34035	2.60%	0.293%
68	11.981	3371	3387	3396	rBV4	51149	128463	9.83%	1.105%
69	12.061	3396	3412	3420	rBV2	71826	152443	11.66%	1.311%
70	12.238	3459	3467	3477	rVB	247208	362454	27.73%	3.117%
71	12.299	3479	3486	3498	rVB7	50974	84852	6.49%	0.730%

LSC Area Percent Report

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Sample : K2603-05
Misc : 5.04G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

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\SOM2VLM050219S.M
Title : VOC Analysis

72	12.460	3528	3536	3543	rVB	79448	111710	8.55%	0.961%
73	12.511	3543	3552	3565	rBV	196310	318837	24.40%	2.742%
74	12.575	3566	3572	3583	rBV5	23117	46228	3.54%	0.398%
75	12.637	3583	3591	3605	rBV5	92749	187513	14.35%	1.612%
76	12.772	3627	3633	3640	rVB	33319	42209	3.23%	0.363%
77	12.842	3649	3655	3663	rVB2	20717	28162	2.15%	0.242%
78	12.926	3665	3681	3692	rBV2	266819	445235	34.07%	3.829%
79	13.096	3725	3734	3751	rVB4	129769	253821	19.42%	2.183%
80	13.180	3753	3760	3767	rBV	66755	101678	7.78%	0.874%
81	13.318	3797	3803	3808	rBV3	39875	50393	3.86%	0.433%
82	13.598	3882	3890	3893	rBV5	55299	80868	6.19%	0.695%
83	13.952	3994	4000	4016	rVB7	35917	73397	5.62%	0.631%
84	14.145	4050	4060	4069	rBV3	102069	195056	14.93%	1.677%
85	14.273	4093	4100	4114	rVB4	89742	172718	13.22%	1.485%
86	14.682	4216	4227	4241	rBV	441034	678237	51.90%	5.832%
87	14.865	4274	4284	4299	rBV	855738	1306863	100.00%	11.238%
88	15.411	4446	4454	4462	rBV	141362	202393	15.49%	1.740%
89	15.714	4537	4548	4563	rBV	360762	630605	48.25%	5.422%
90	15.862	4584	4594	4601	rBV	528308	819906	62.74%	7.050%
91	15.993	4628	4635	4645	rVB	39588	59995	4.59%	0.516%
92	16.061	4647	4656	4661	rBV	123345	196780	15.06%	1.692%
93	16.231	4700	4709	4721	rBV3	40969	68859	5.27%	0.592%
94	16.325	4728	4738	4755	rVB	149655	289999	22.19%	2.494%
95	16.537	4795	4804	4813	rBV	48909	80608	6.17%	0.693%
96	16.771	4872	4877	4884	rVB4	15969	20176	1.54%	0.173%
97	16.820	4886	4892	4903	rVB4	16535	27765	2.12%	0.239%
98	16.968	4931	4938	4949	rVB2	18695	27658	2.12%	0.238%
99	17.029	4950	4957	4964	rBV6	7069	10153	0.78%	0.087%
100	17.447	5080	5087	5097	rVB2	11875	18630	1.43%	0.160%

Sum of corrected areas: 11629427

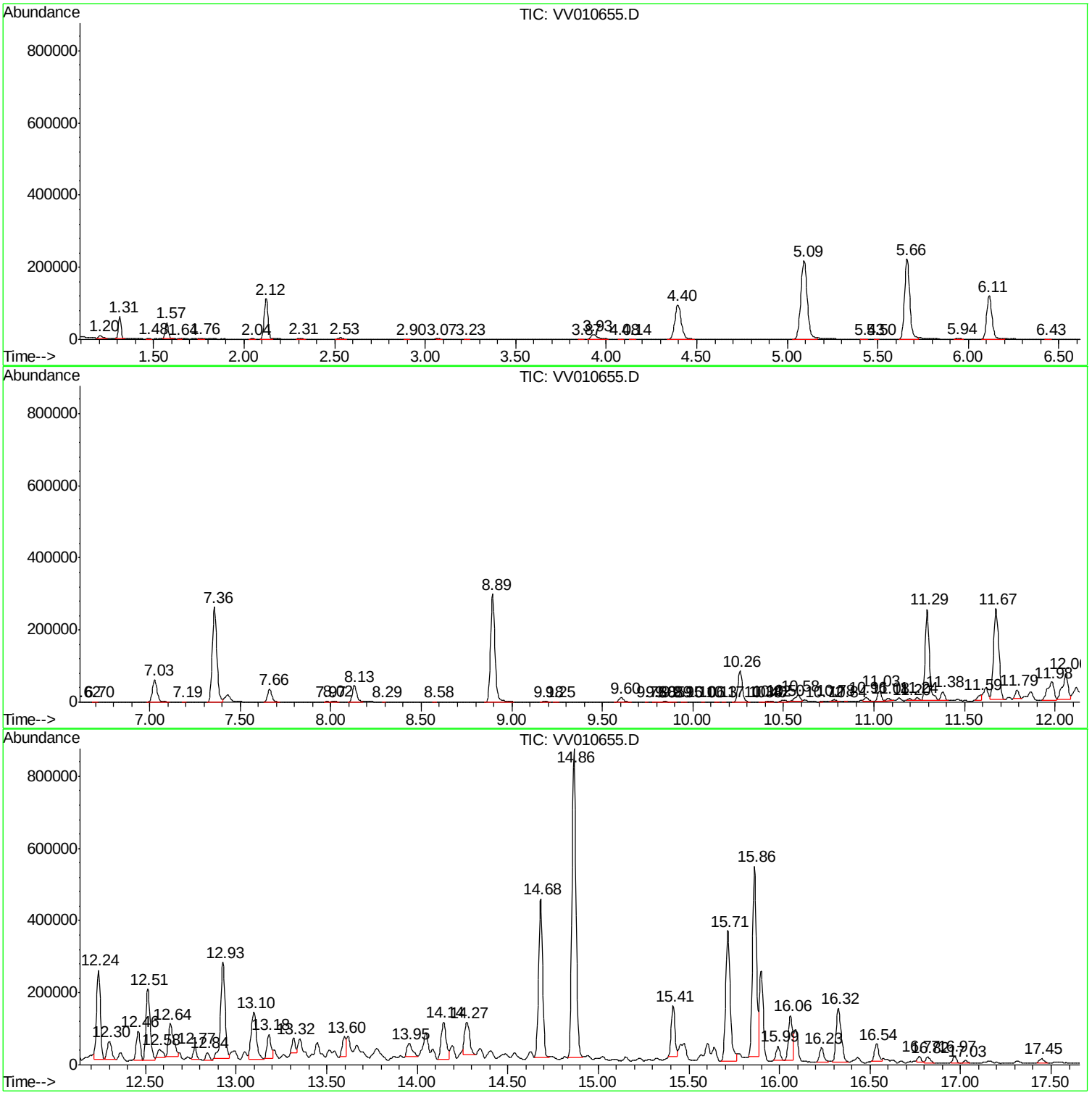
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

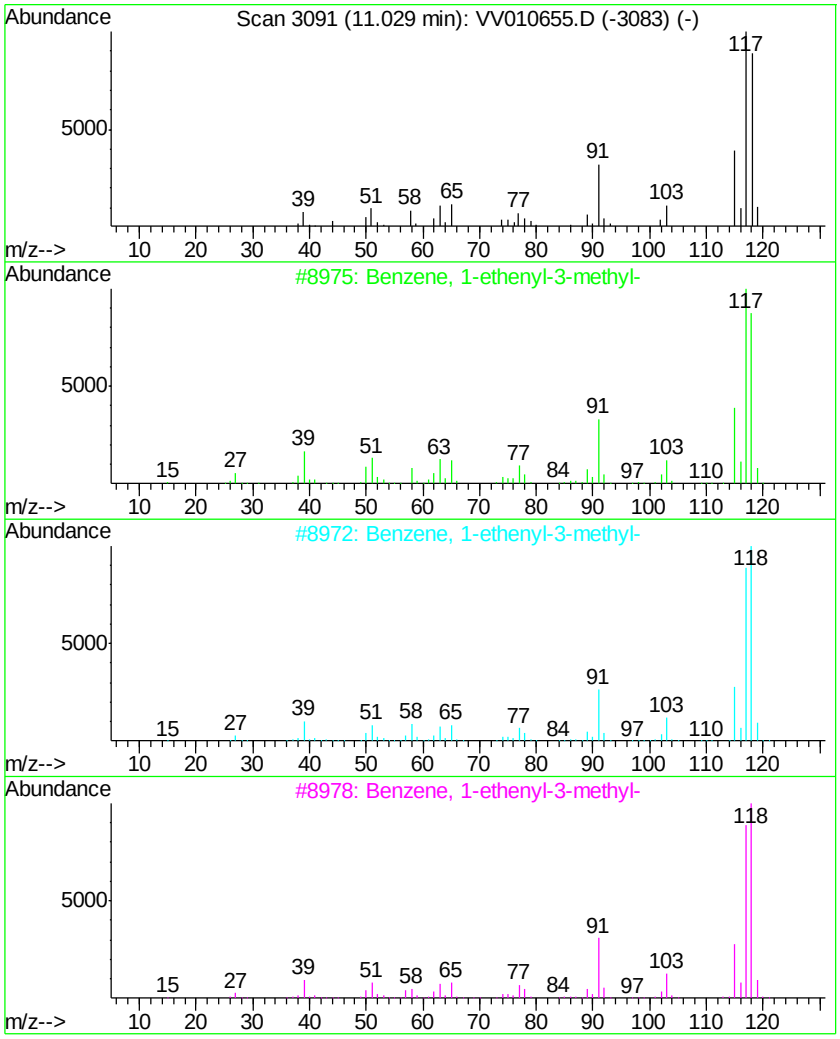
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

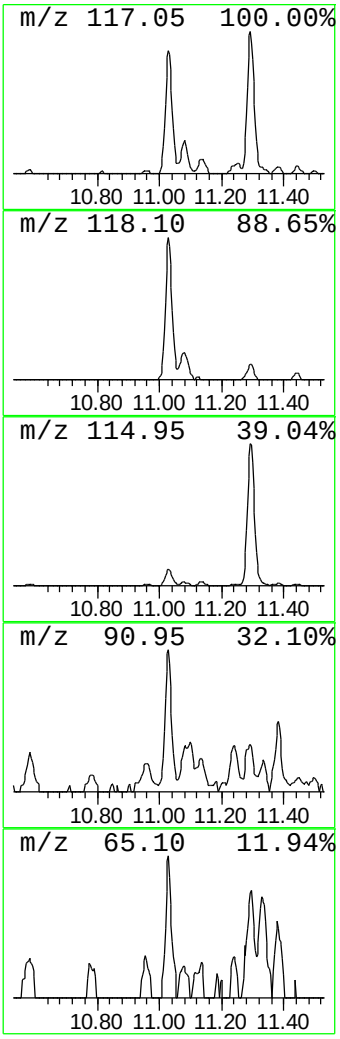
****

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	2.50 ug/L	41507	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-3-methyl-	118	C9H10	000100-80-1	95
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

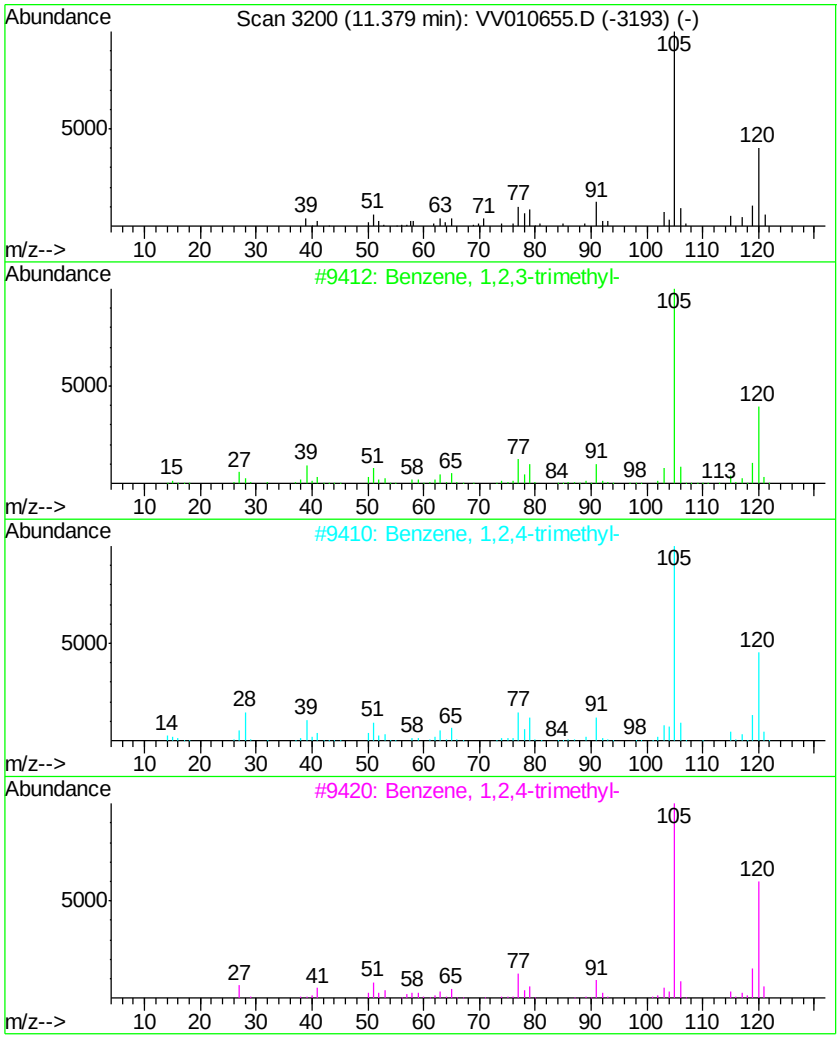
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

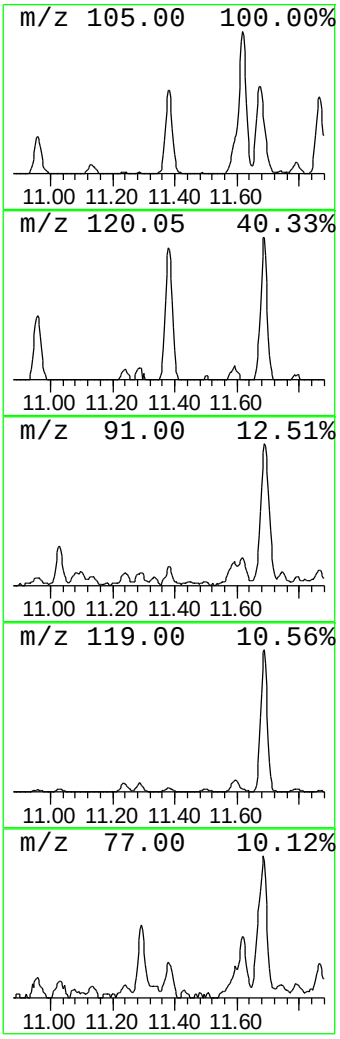
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	2.08 ug/L	34525	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	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

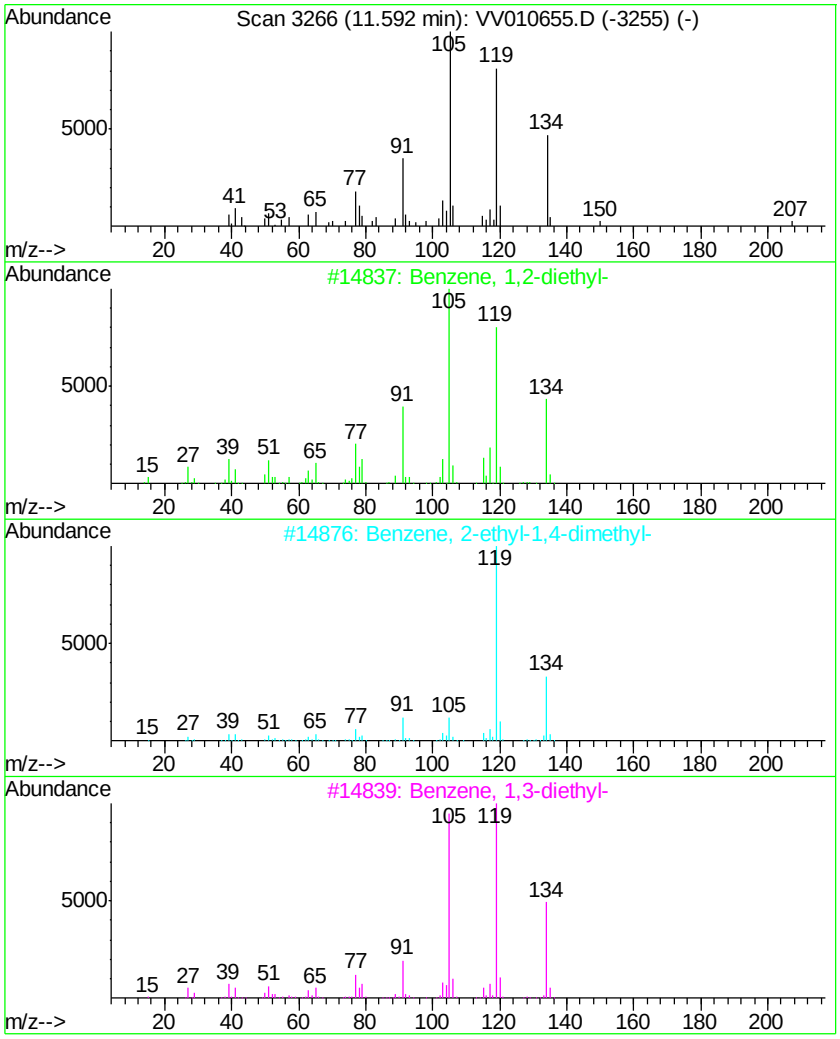
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

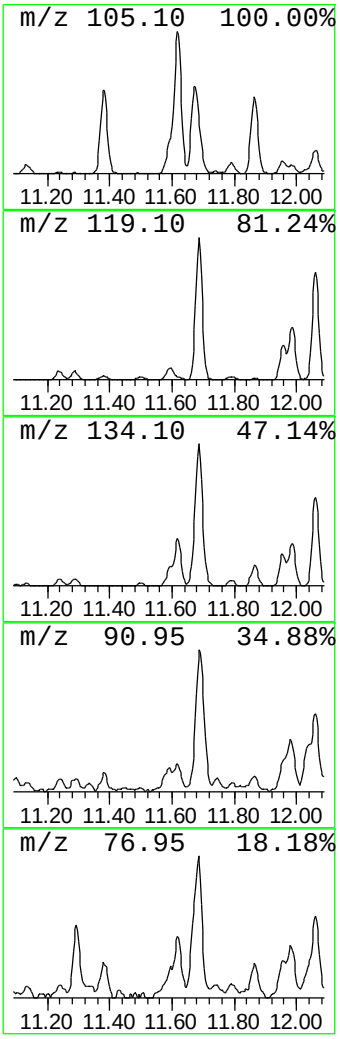
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	1.37 ug/L	22621	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

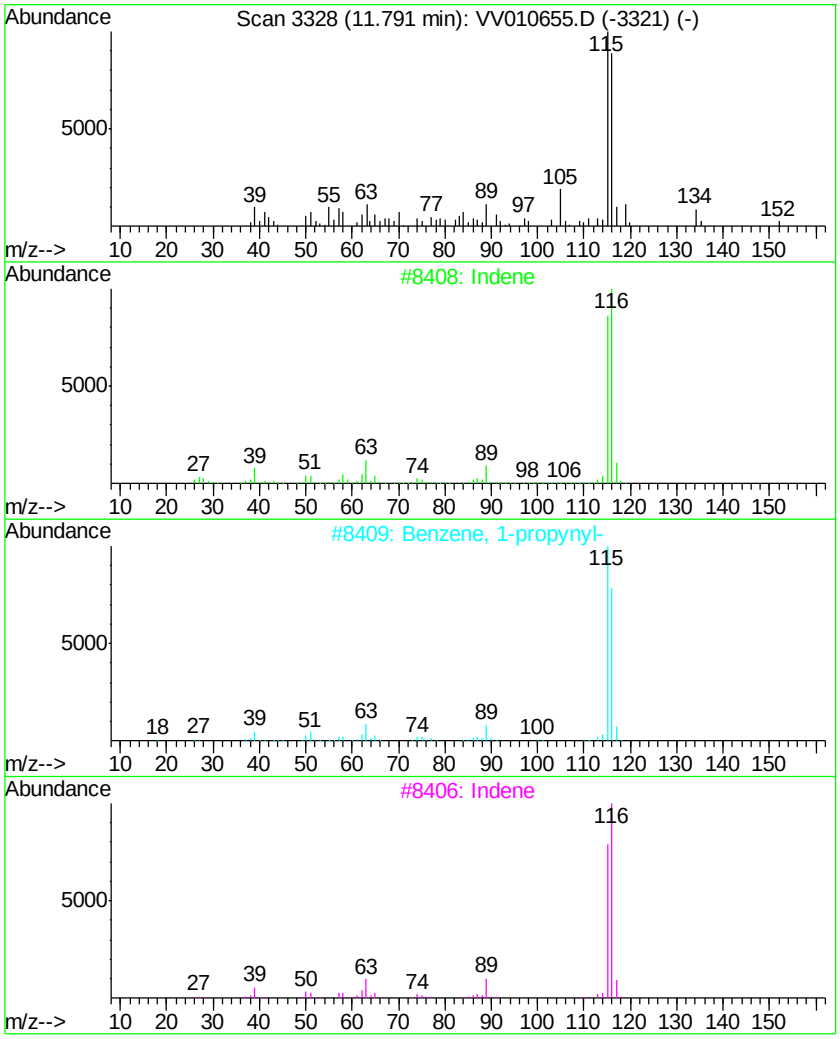
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

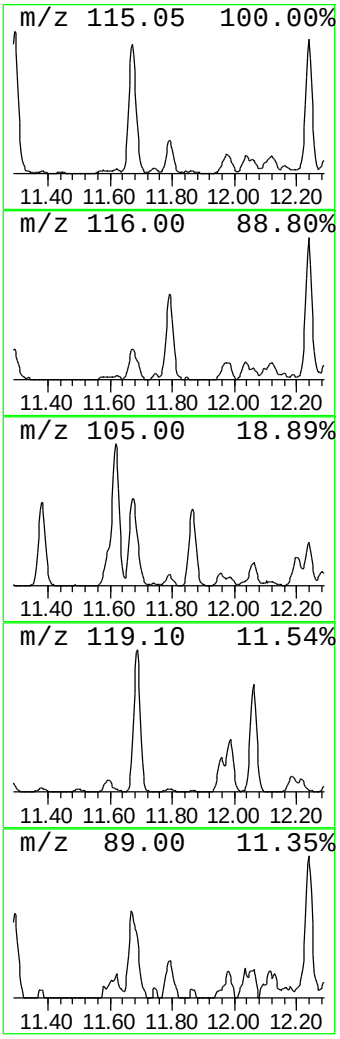
****

Peak Number 6 Indene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.05 ug/L	34035	1,4-Dichlorobenzene-d4	11.29

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	87
3	Indene	116	C9H8	000095-13-6	87
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	87
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	87





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
Data File : VV010655.D
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Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

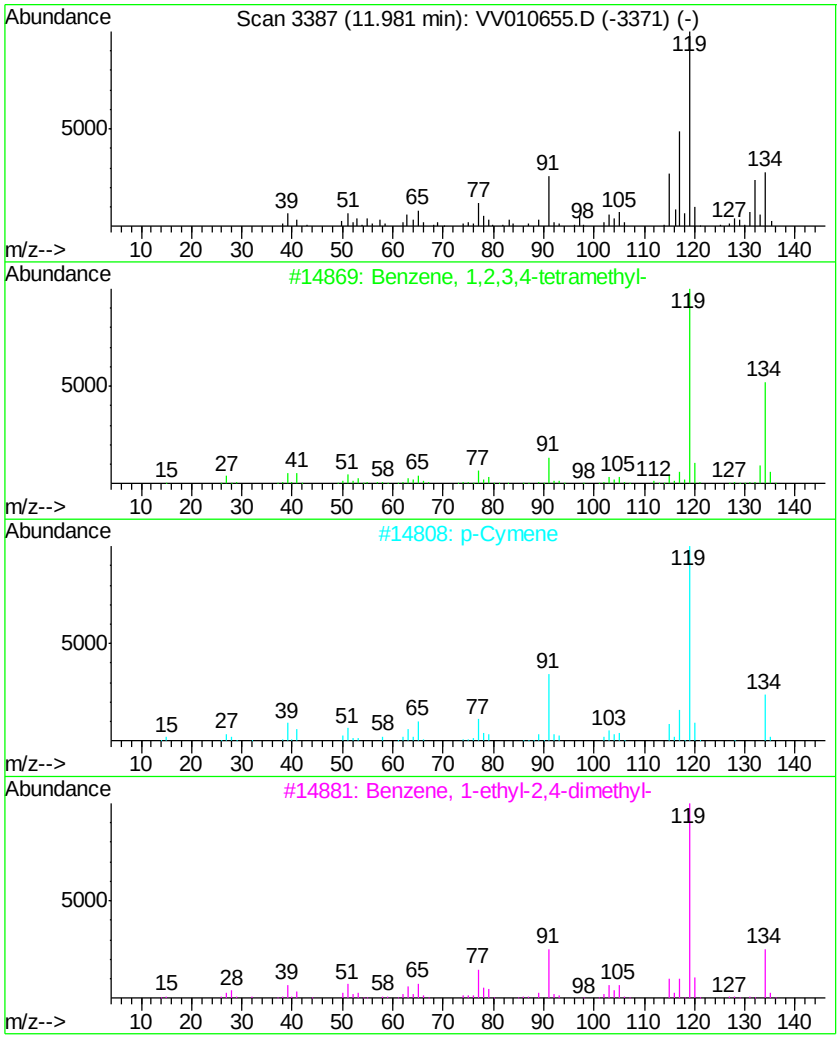
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

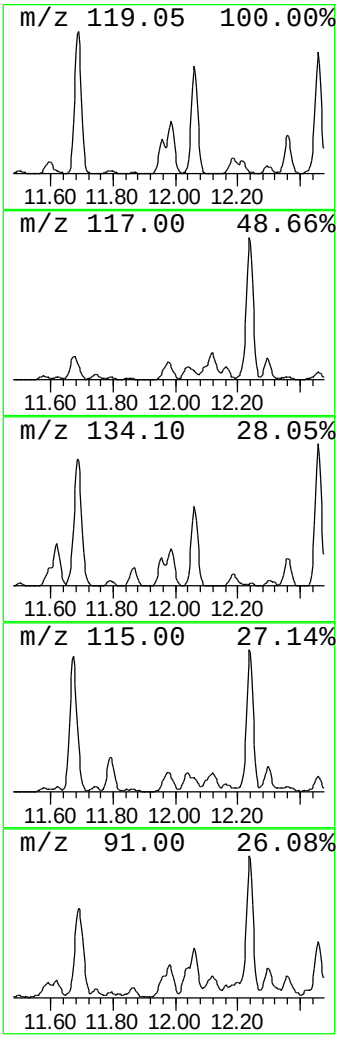
****

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	7.75 ug/L	128463	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
2	p-Cymene	134	C10H14	000099-87-6	60
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
4	o-Cymene	134	C10H14	000527-84-4	55
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55





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Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

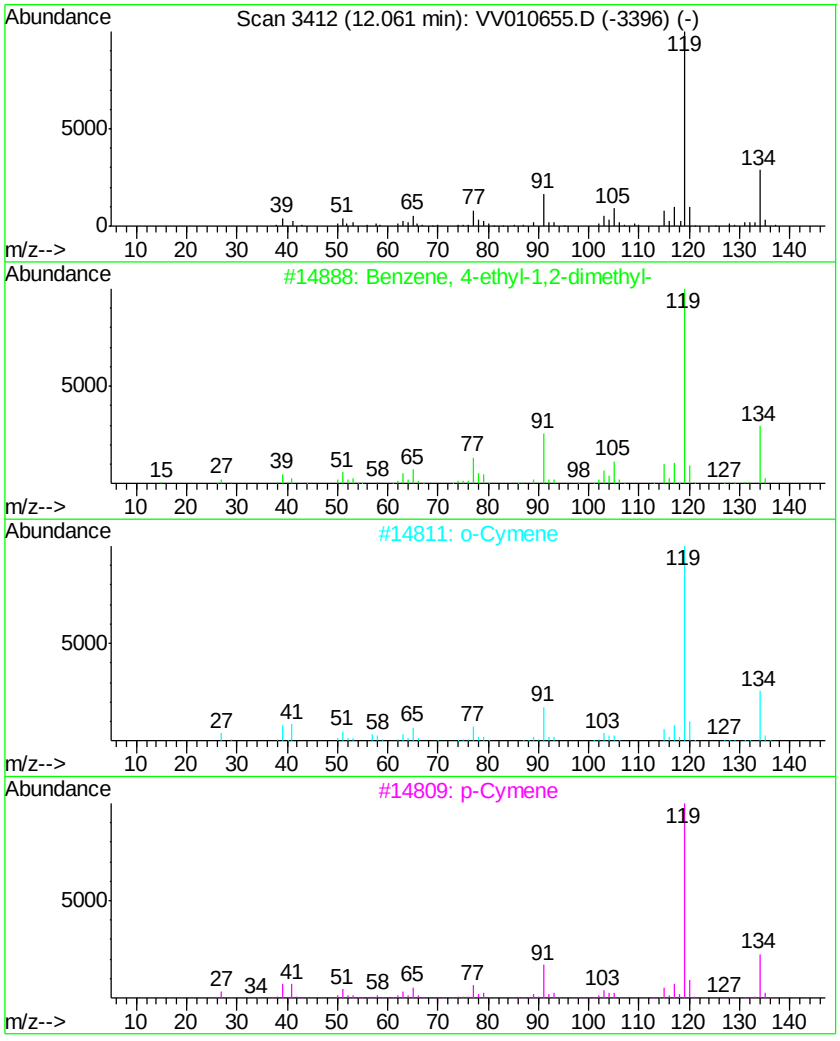
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

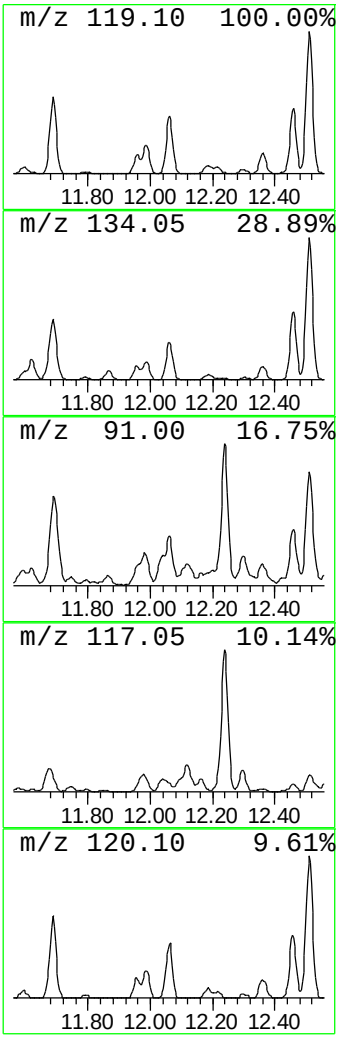
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	9.20 ug/L	152443	1,4-Dichlorobenzene-d4	11.29

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





Library Search Compound Report

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Acq On : 03 May 2019 10:20
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Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

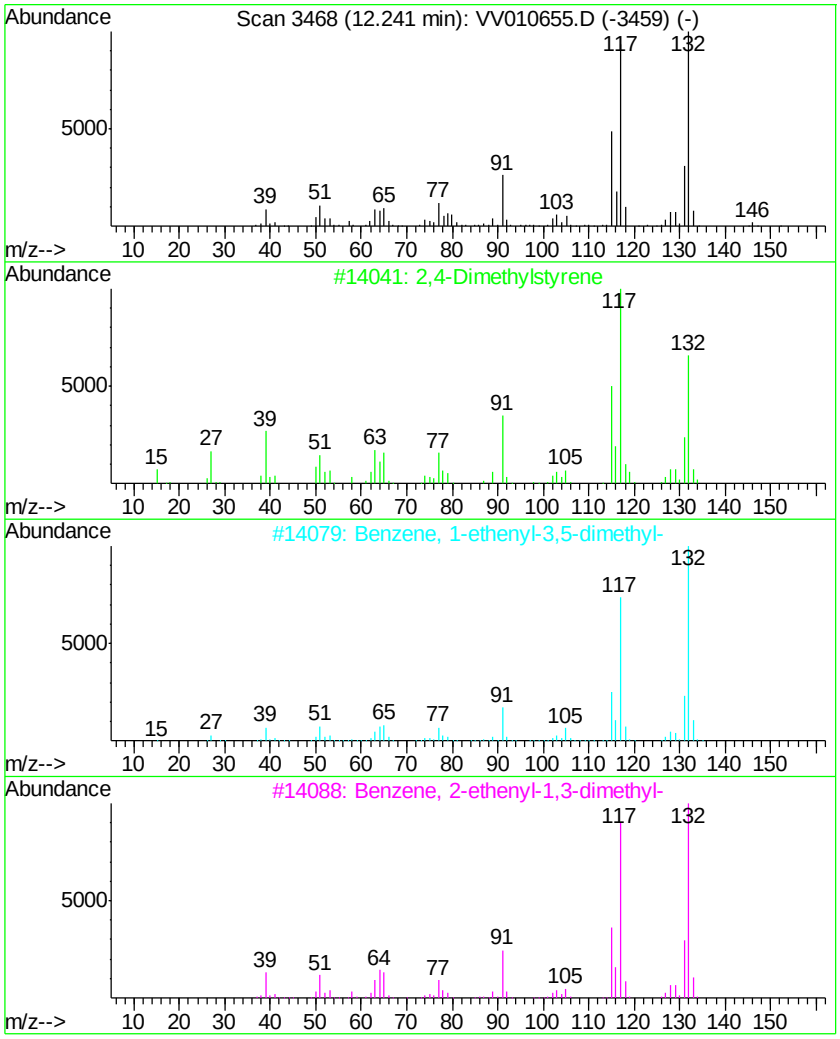
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

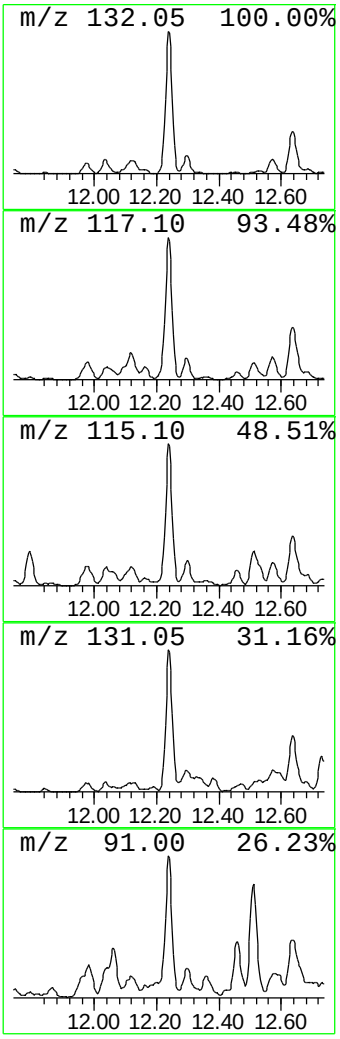
****

Peak Number 9 2,4-Dimethylstyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	21.87 ug/L	362454	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
2	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	94
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	93





Library Search Compound Report

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Acq On : 03 May 2019 10:20
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Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

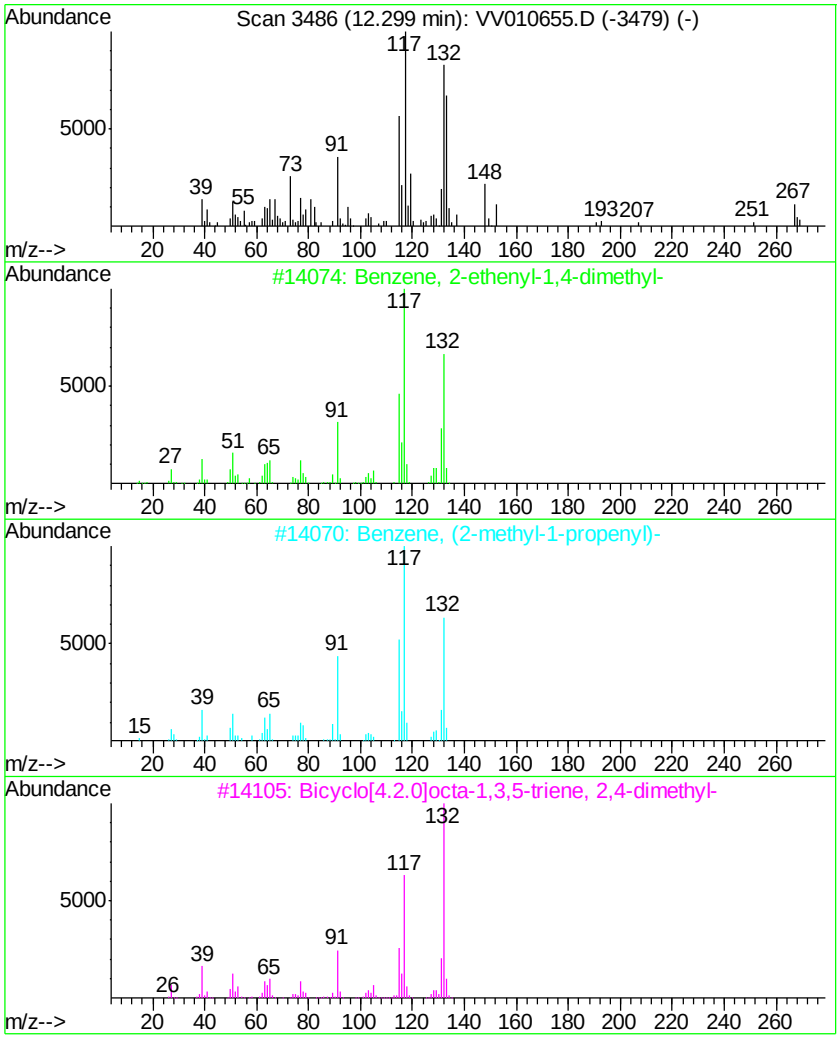
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

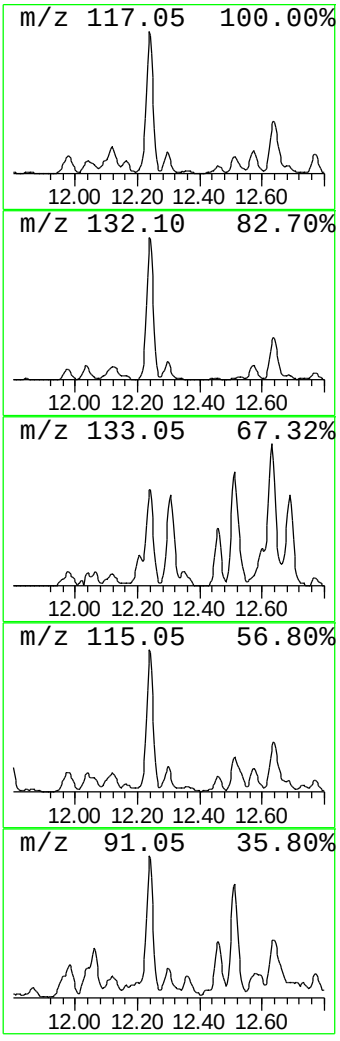
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	5.12 ug/L	84852	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	78
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
5	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	64





Library Search Compound Report

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Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

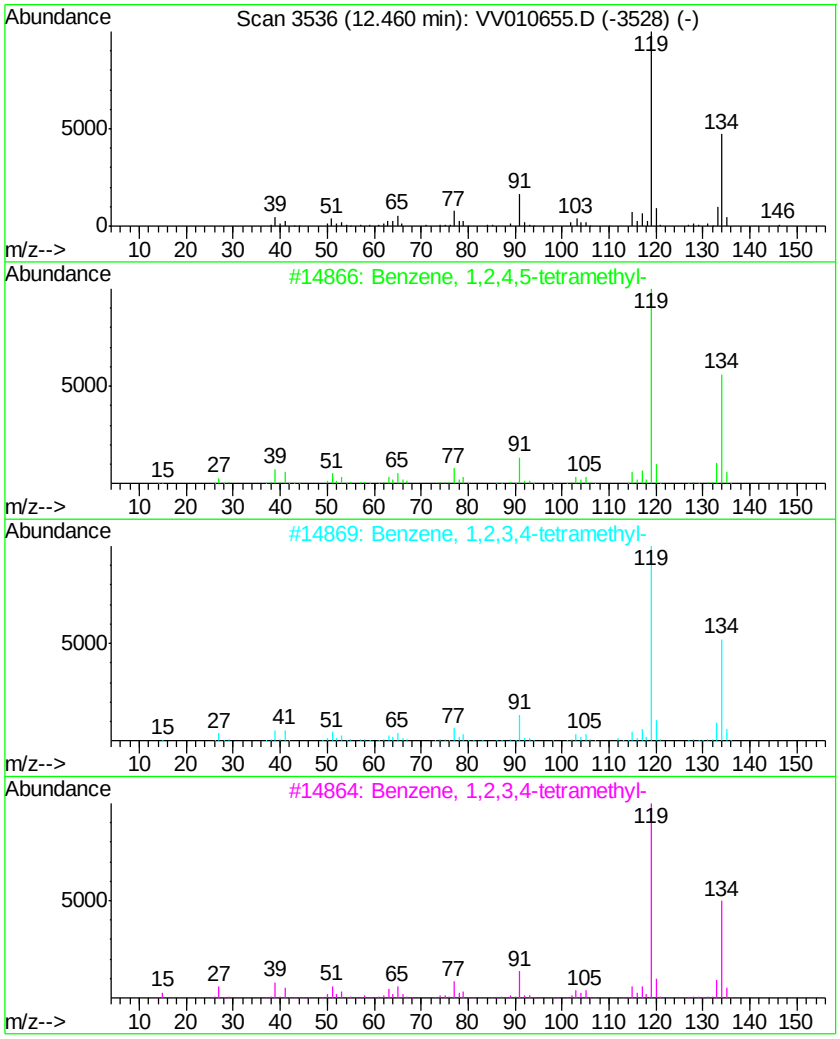
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

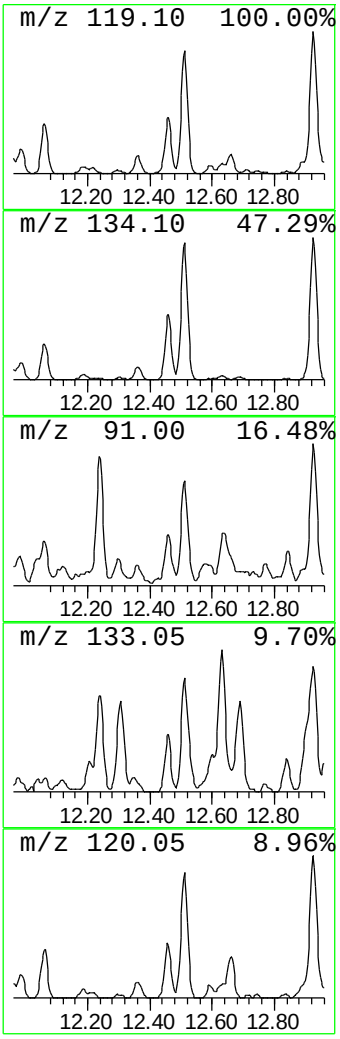
****

Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	6.74 ug/L	111710	1,4-Dichlorobenzene-d4	11.29

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





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Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

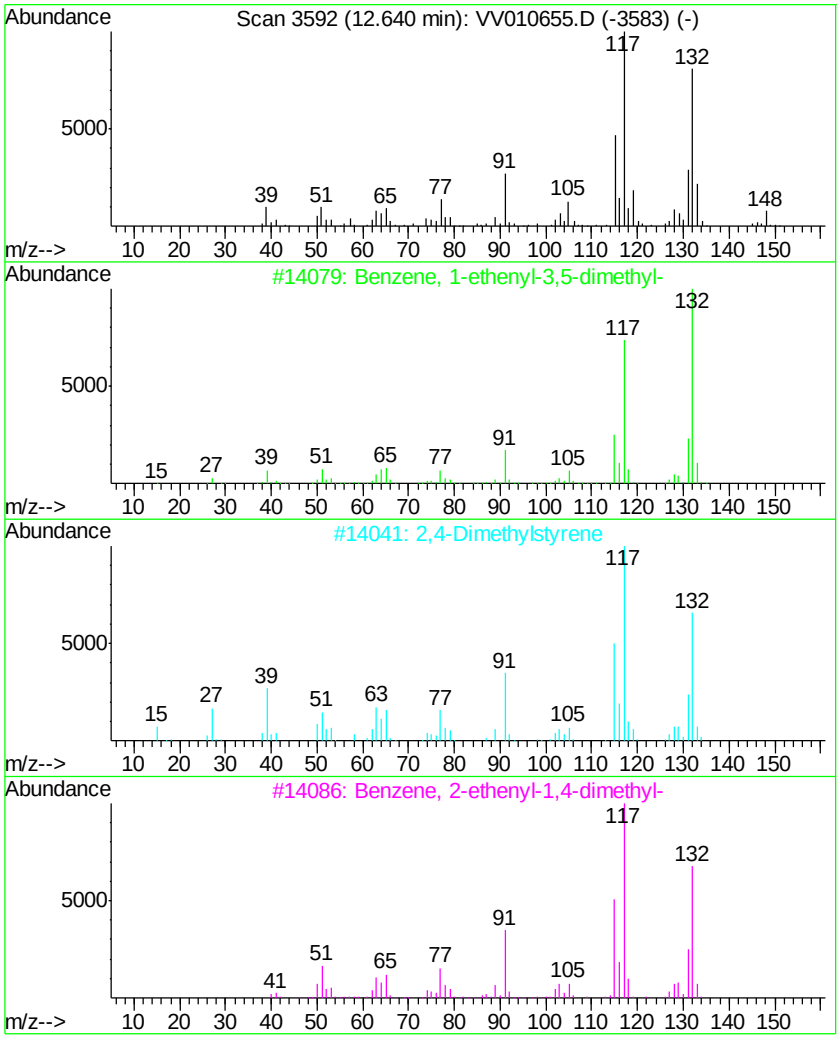
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

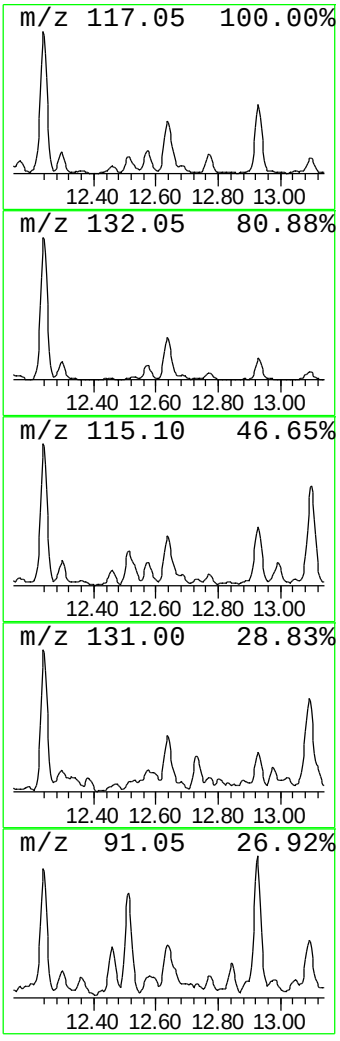
****

Peak Number 14 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	11.32 ug/L	187513	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
4	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	93
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93





Library Search Compound Report

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Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

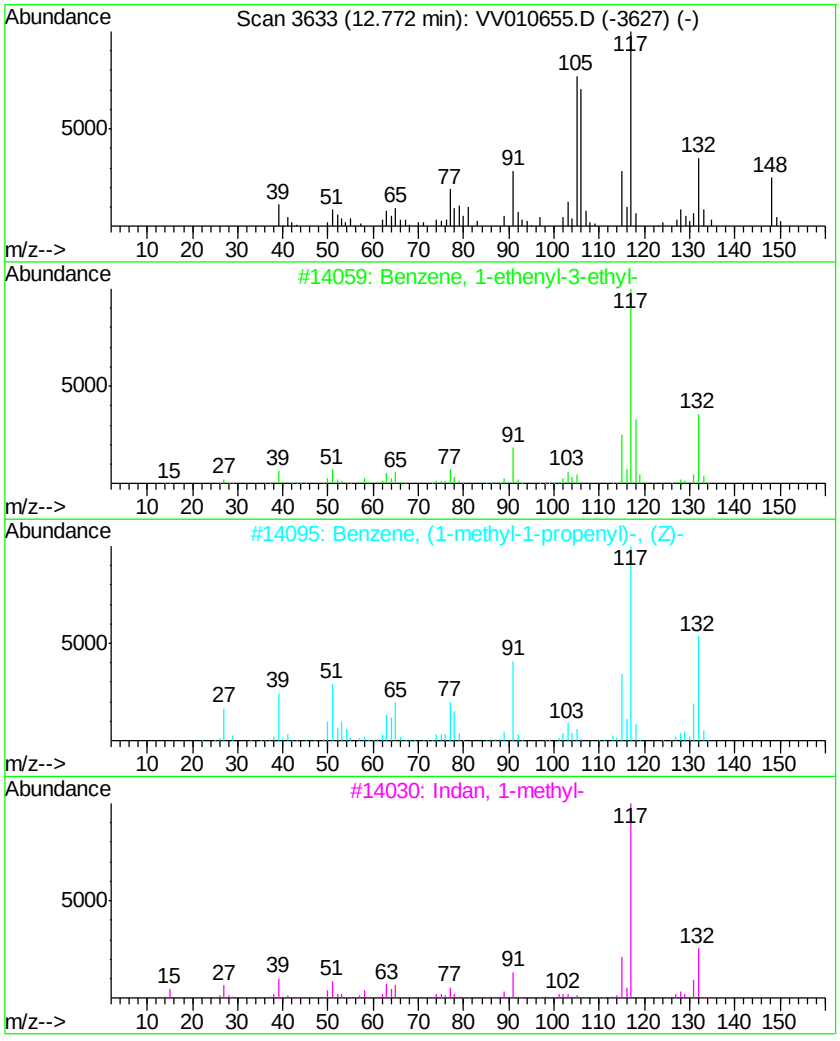
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

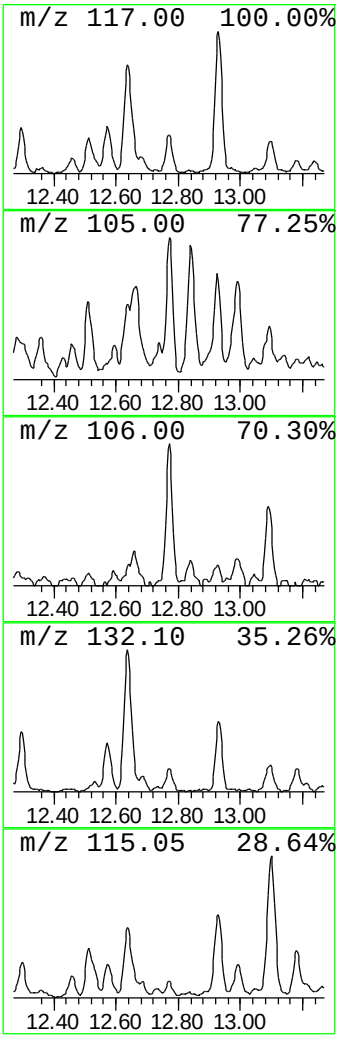
****

Peak Number 15 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.55 ug/L	42209	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	49
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	49
3	Indan, 1-methyl-	132	C10H12	000767-58-8	49
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	46
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	46





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Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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

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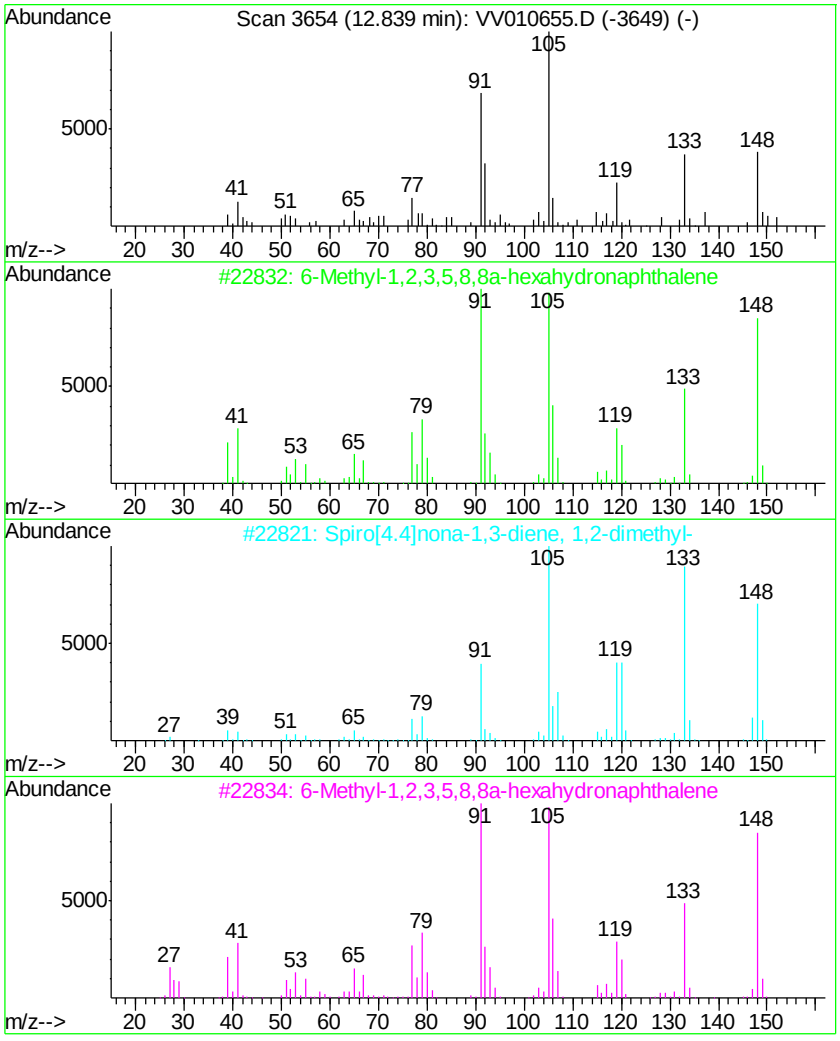
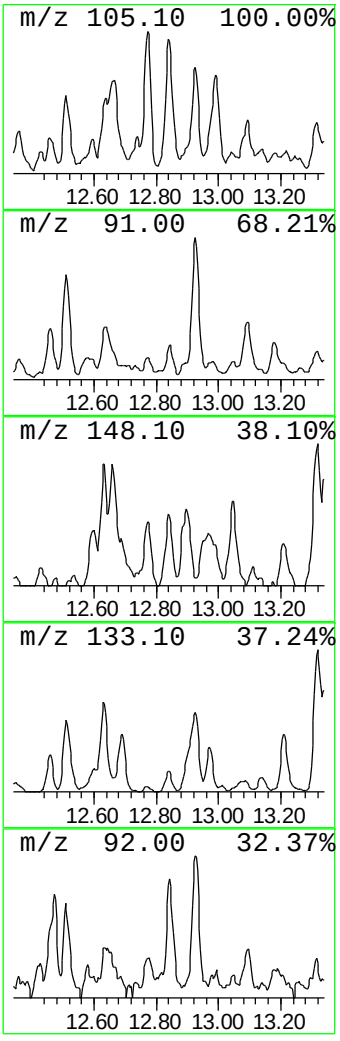
Peak Number 16 6-Methyl-1,2,3,5,8,8a-hexah... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	1.70 ug/L	28162	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-86-3	53
2	Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	53
3	6-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-86-3	53
4	Tetracyclo[3.3.1.0.1(3,9)]decan-...	148	C10H12O	016492-06-1	50
5	2-Methyl-3,5-dinitrophenyl .beta...	330	C16H14N2O6	1000129-40-5	43





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Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

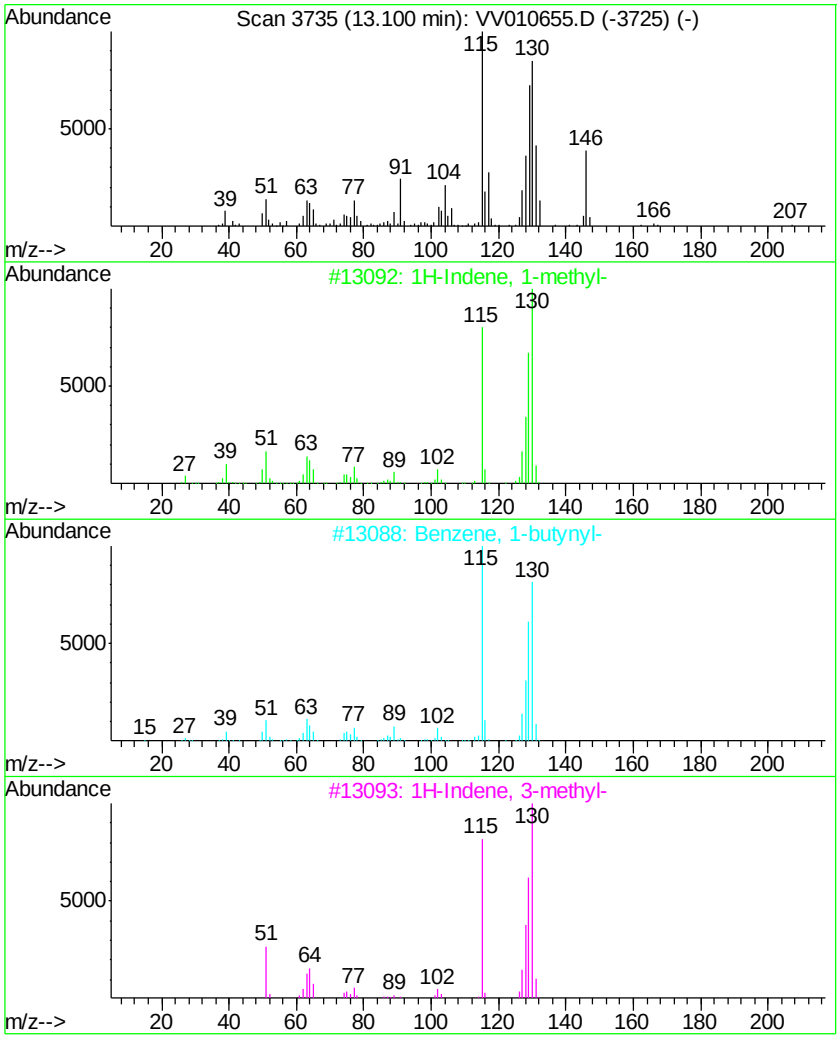
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

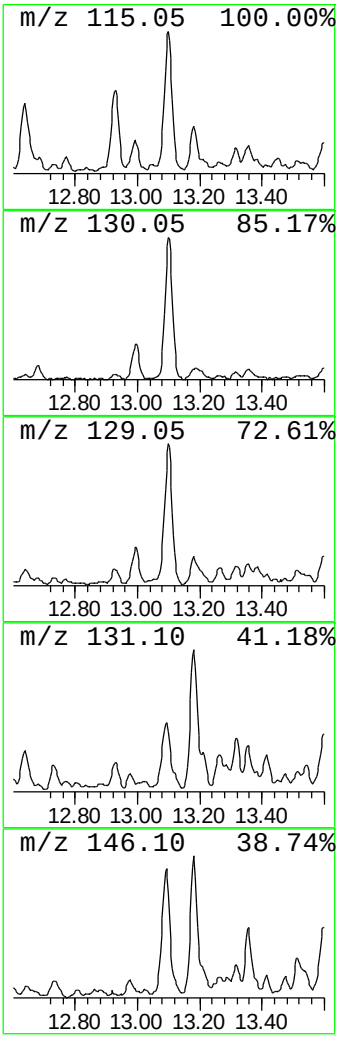
****

Peak Number 18 1H-Indene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	15.32 ug/L	253821	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	83
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	55
3	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	55
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	55
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	53





Library Search Compound Report

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Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

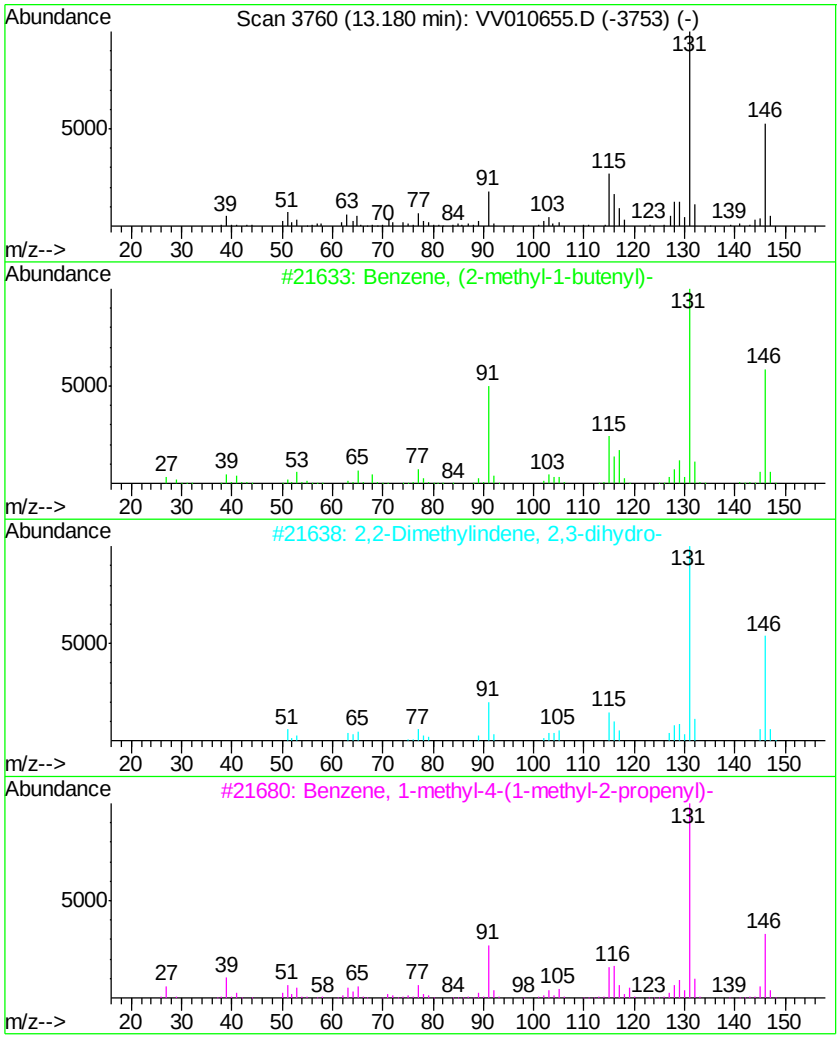
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

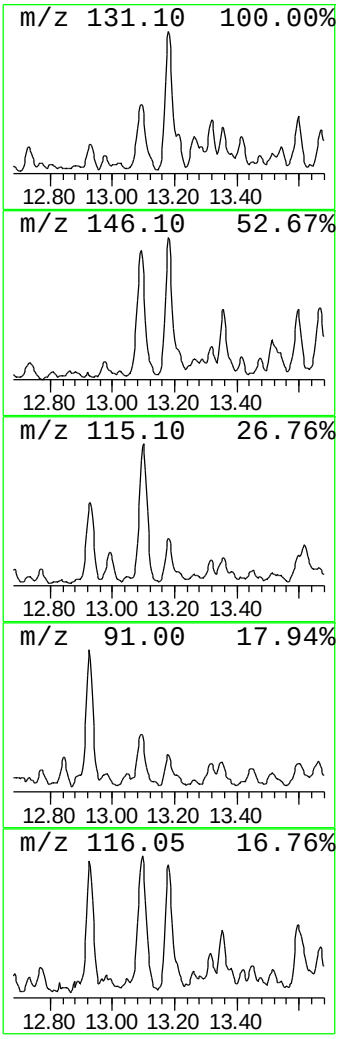
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, (2-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	6.14 ug/L	101678	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90





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Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

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

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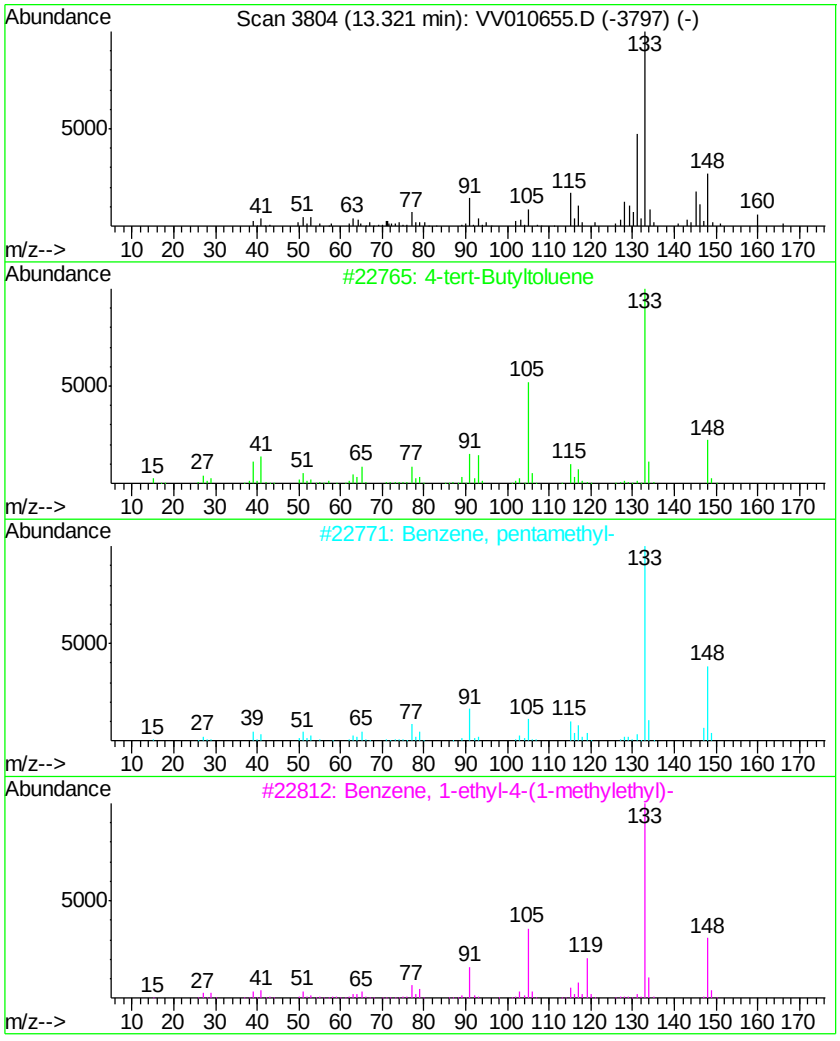
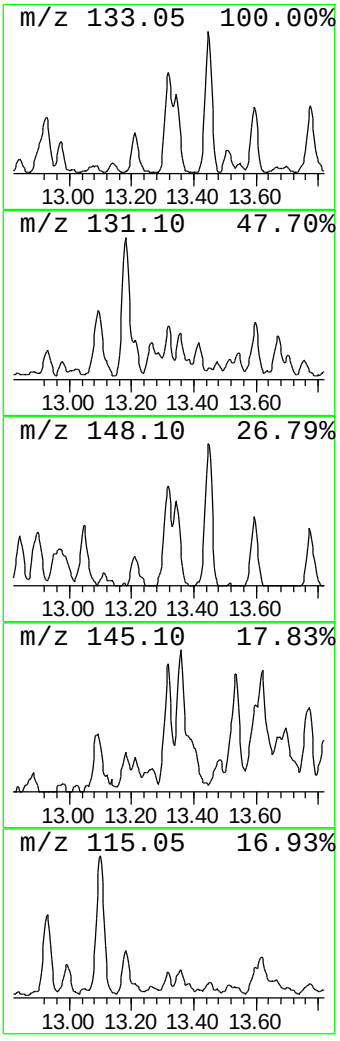
Peak Number 20 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	3.04 ug/L	50393	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butyltoluene	148	C11H16	000098-51-1	46
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	46
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	46
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	43





Library Search Compound Report

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Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

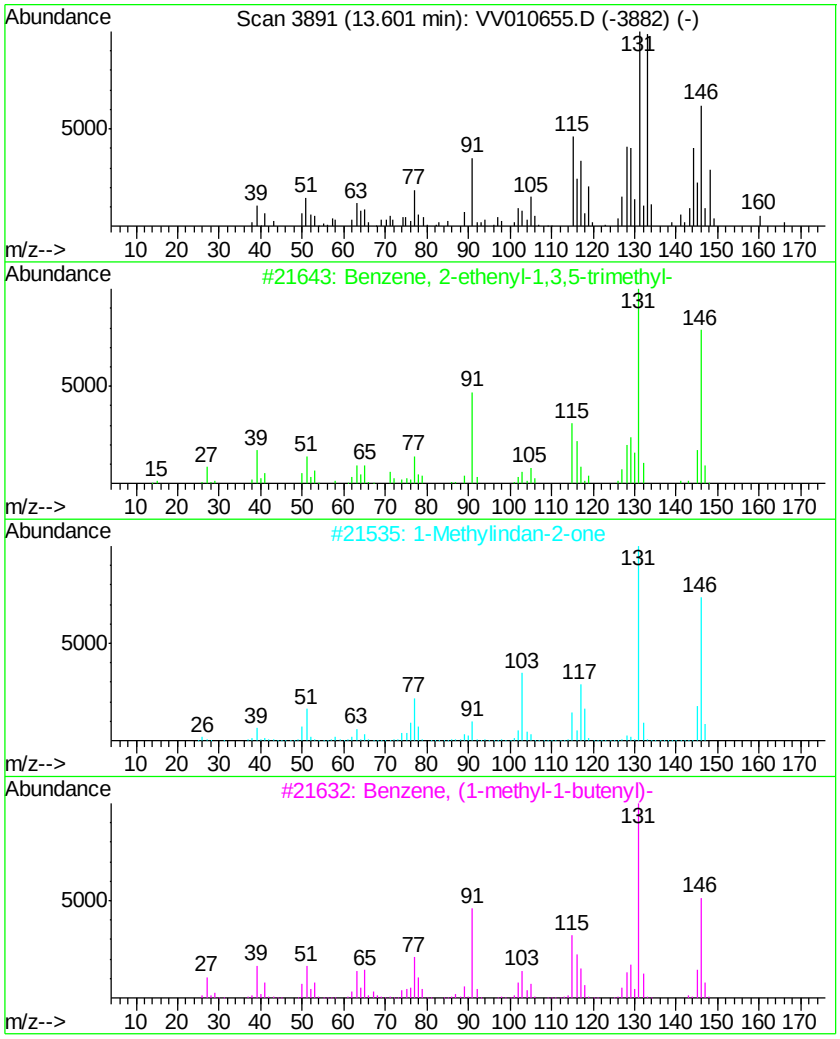
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

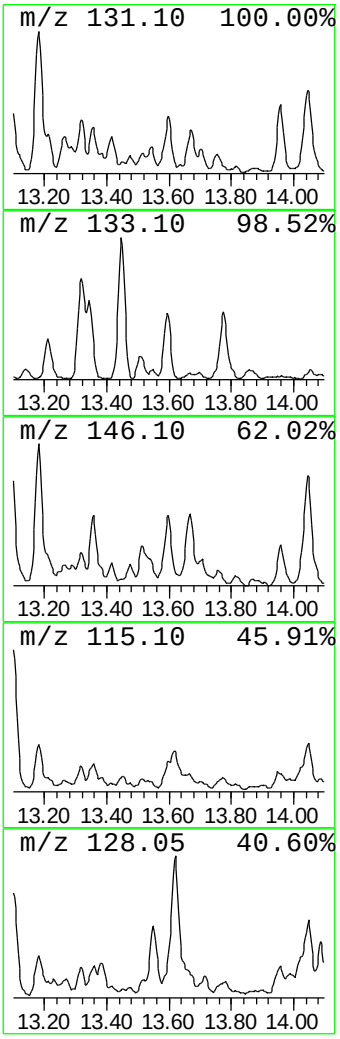
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	4.88 ug/L	80868	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	46
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	41
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	41





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

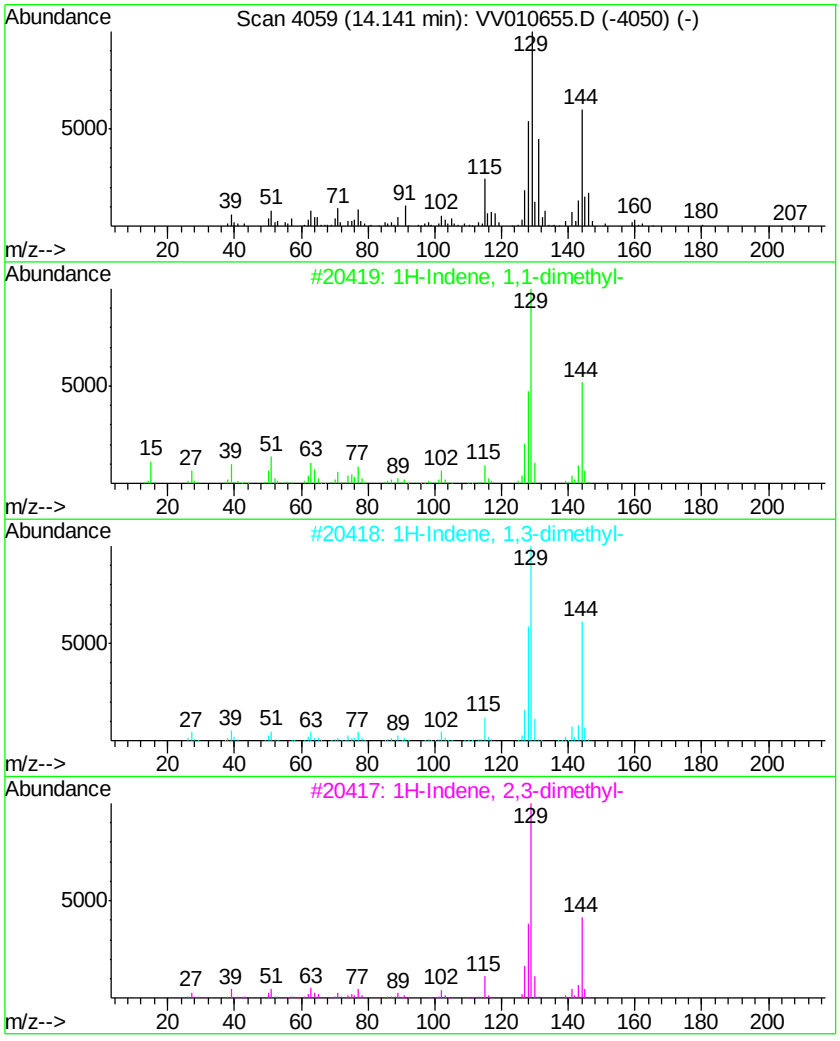
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

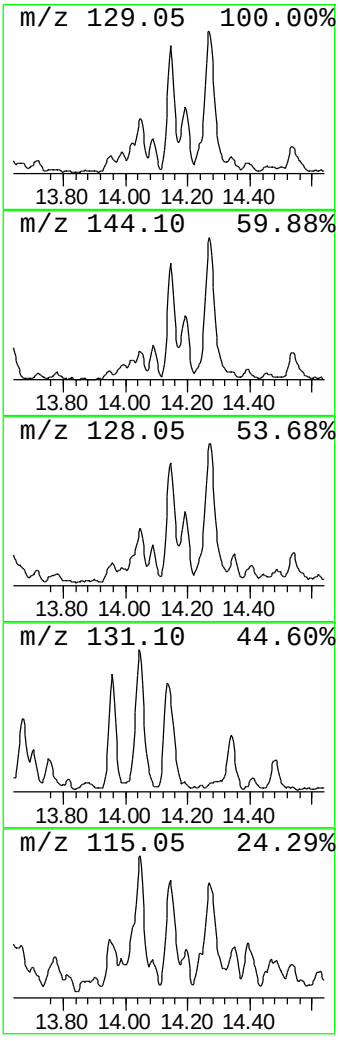
****

Peak Number 23 1H-Indene, 1,1-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	11.77 ug/L	195056	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
4	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	90
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	90





Library Search Compound Report

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Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

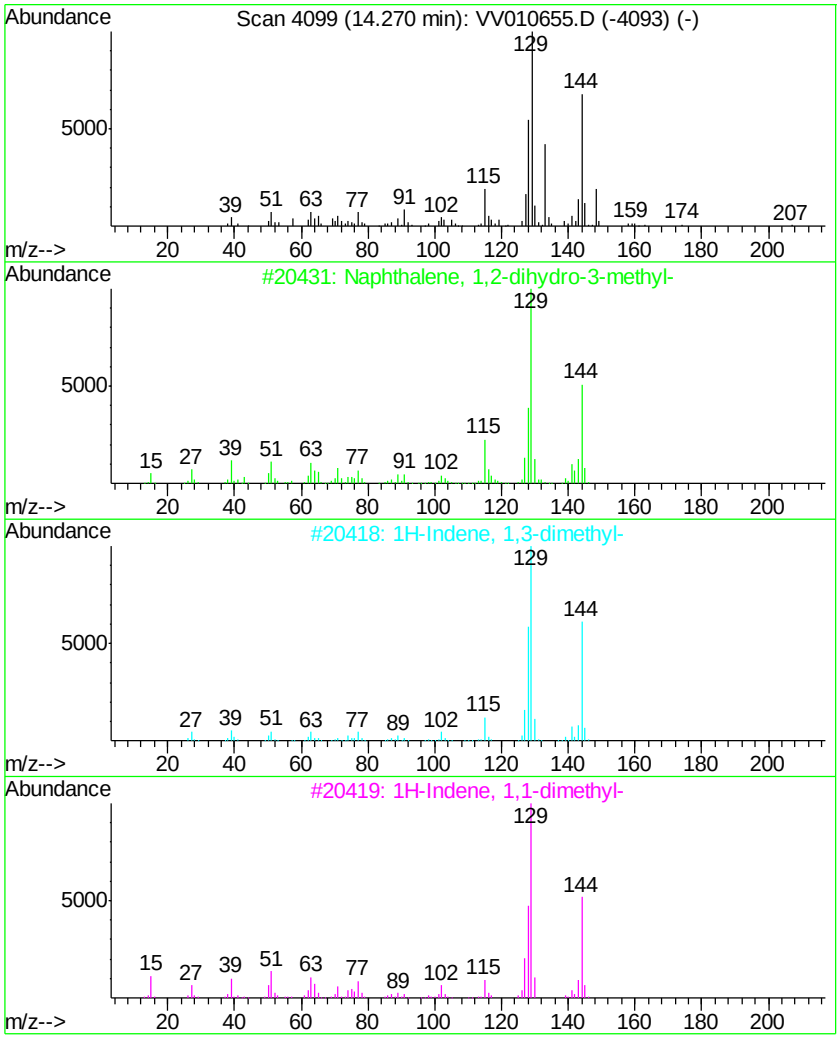
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

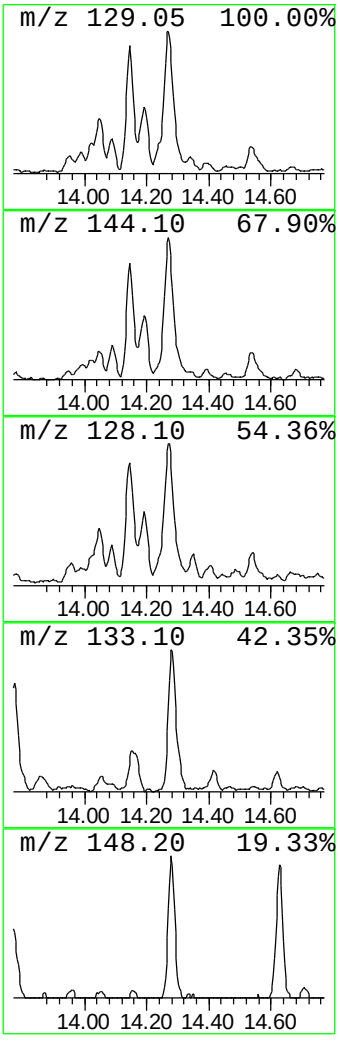
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 1,2-dihydro-3-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	10.42 ug/L	172718	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	93
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	89
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	86
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	86
5	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	86





Library Search Compound Report

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Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

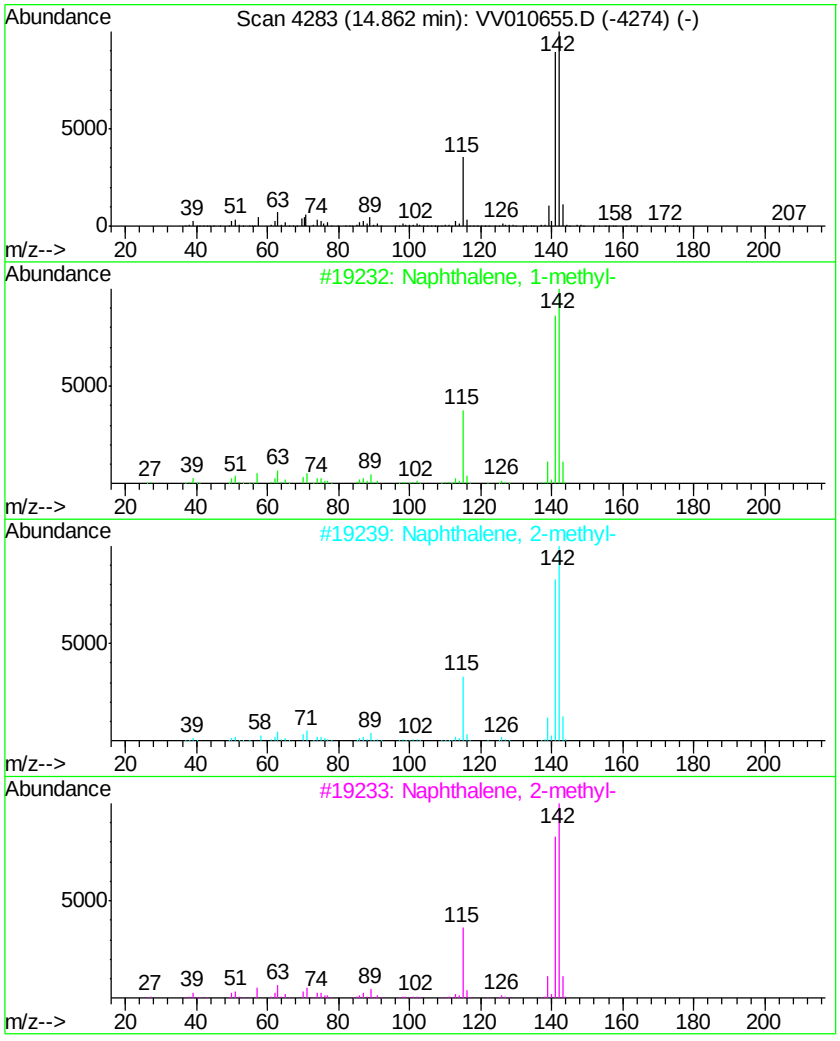
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

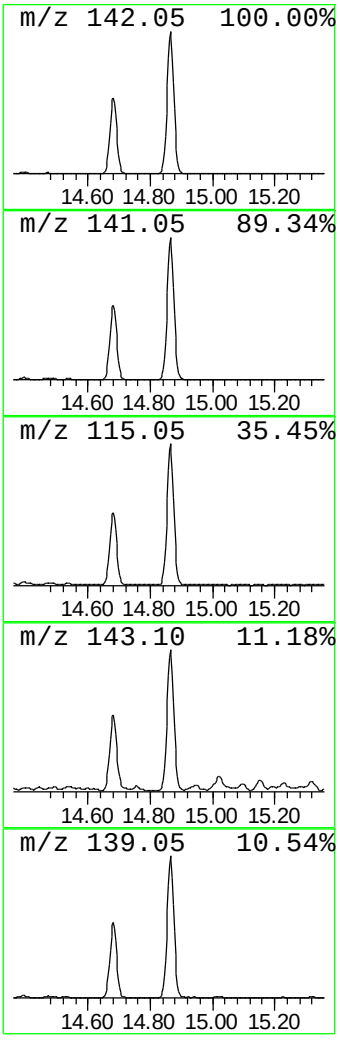
****

Peak Number 26 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	78.86 ug/L	1306860	1,4-Dichlorobenzene-d4	11.29

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





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Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

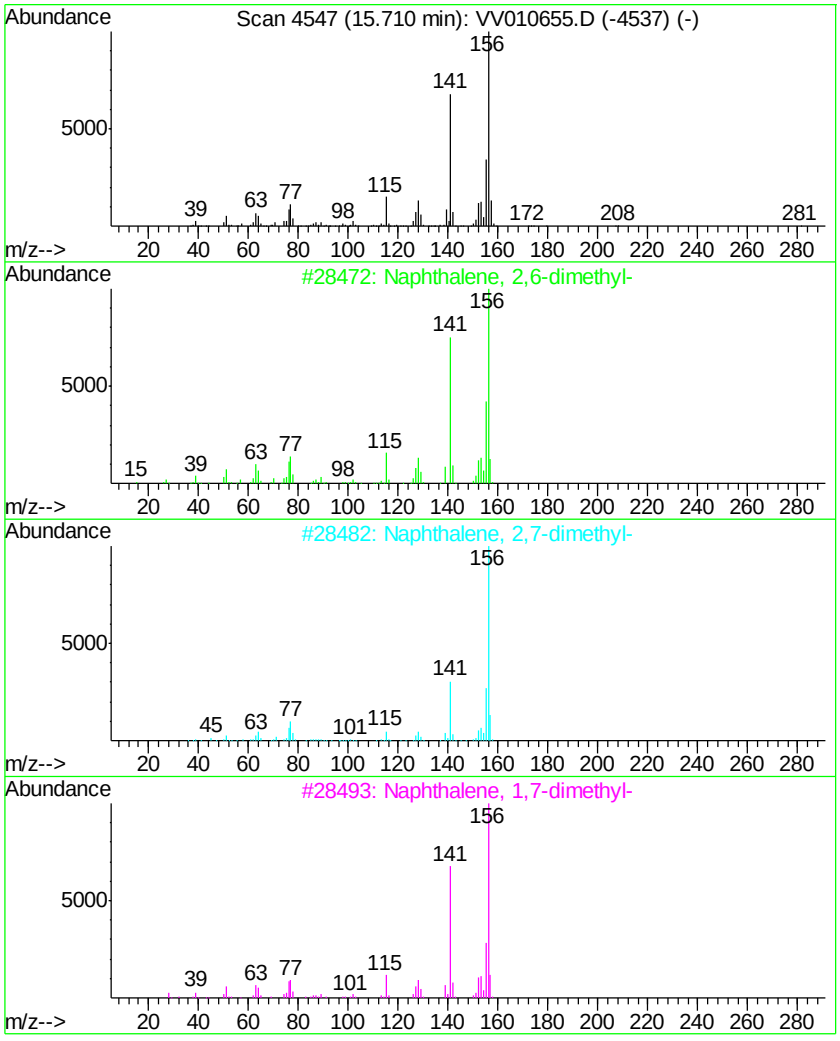
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

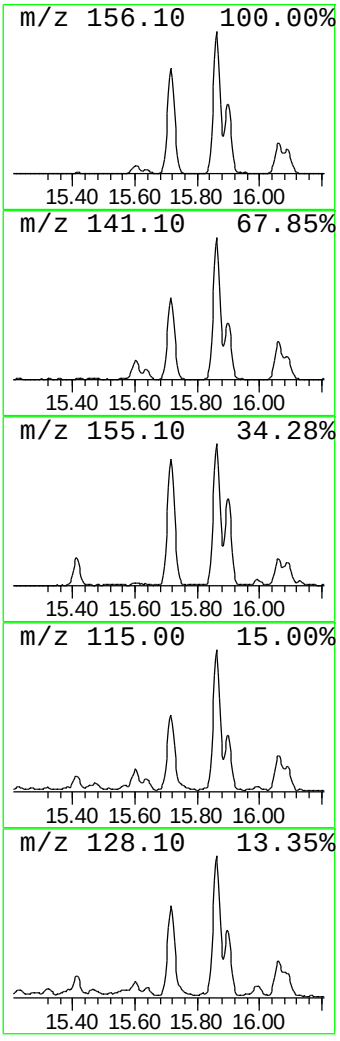
****

Peak Number 28 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	38.05 ug/L	630605	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

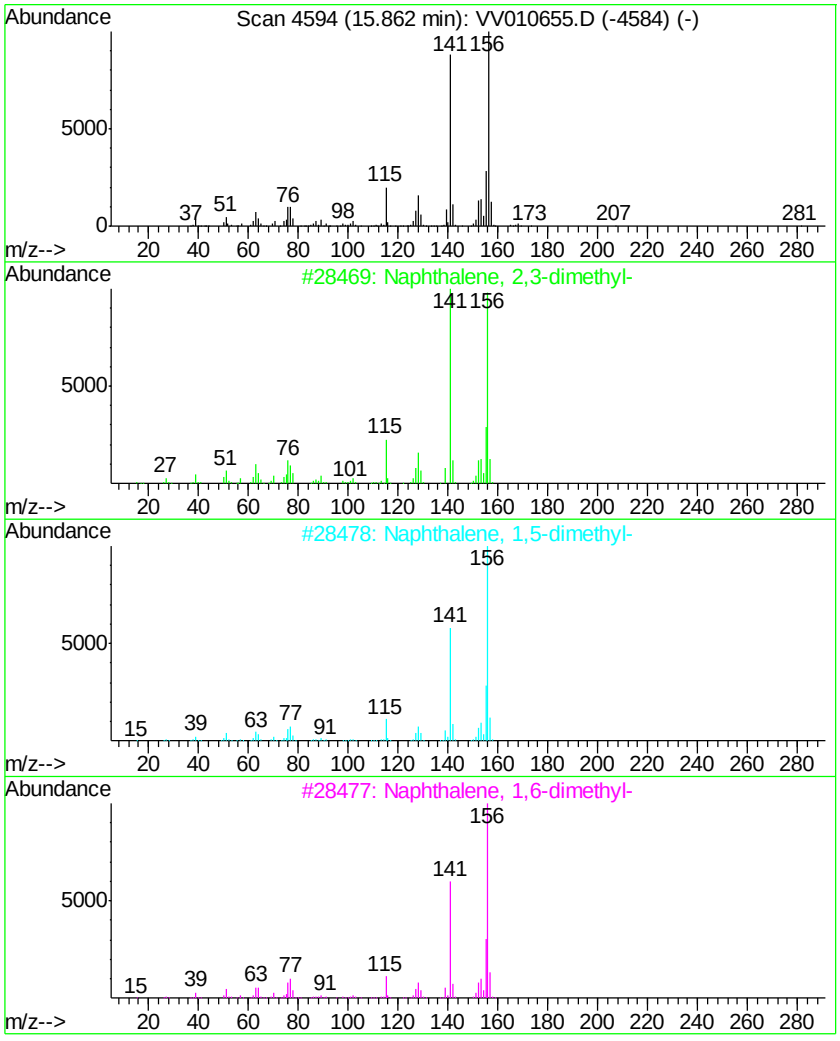
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

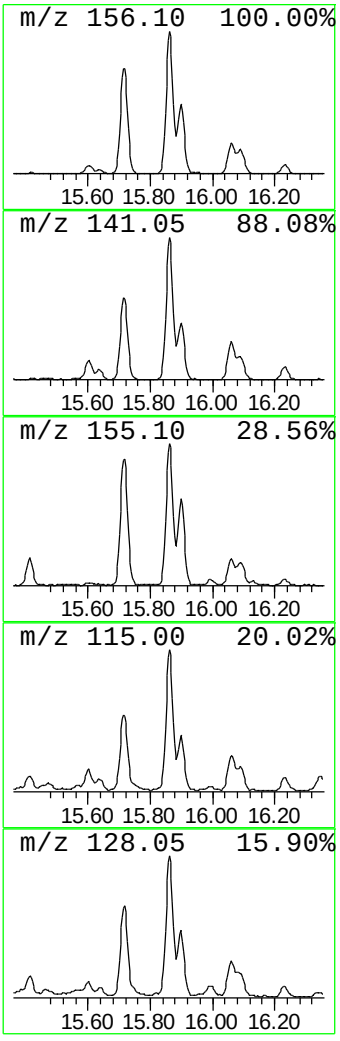
****

Peak Number 29 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	49.48 ug/L	819906	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, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

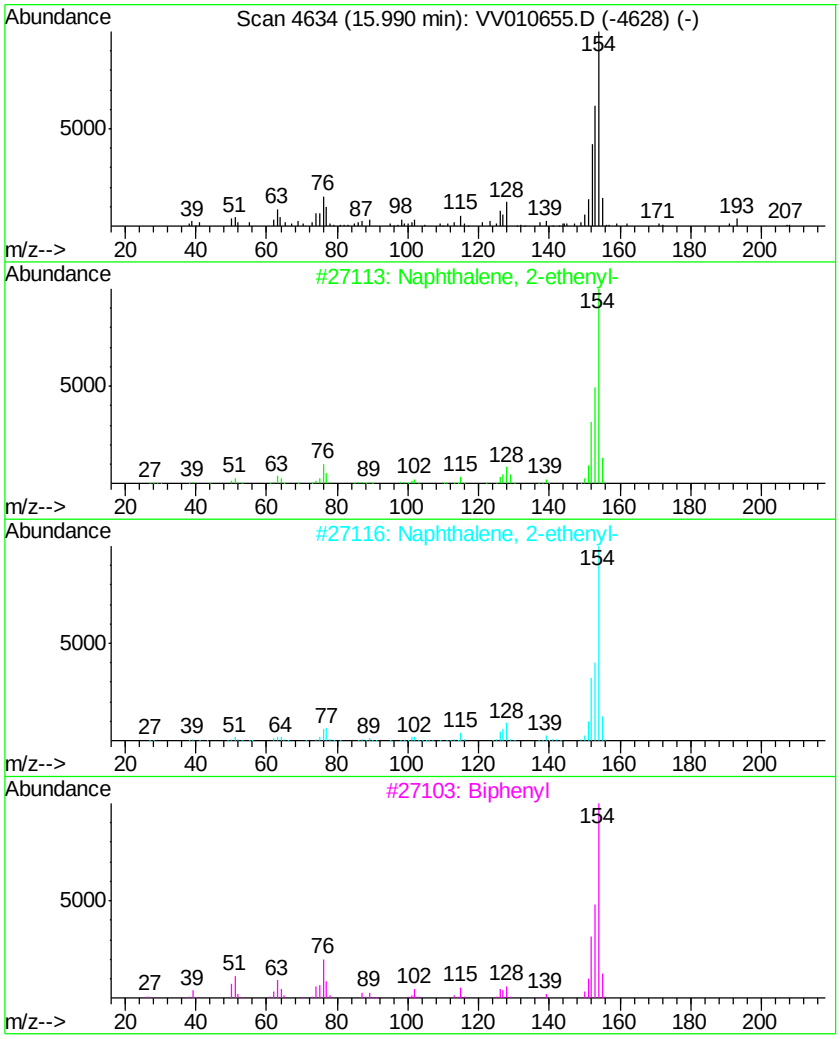
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

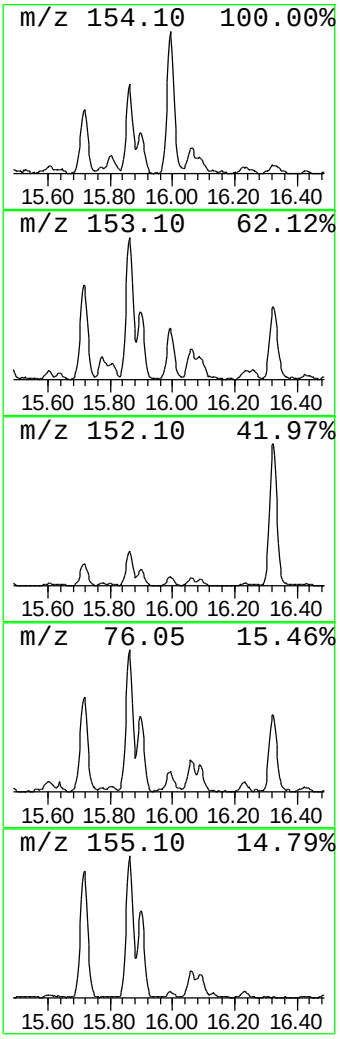
****

Peak Number 30 Naphthalene, 2-ethenyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	3.62 ug/L	59995	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	89
3	Biphenyl	154	C12H10	000092-52-4	81
4	Biphenyl	154	C12H10	000092-52-4	76
5	Acenaphthene	154	C12H10	000083-32-9	70





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Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

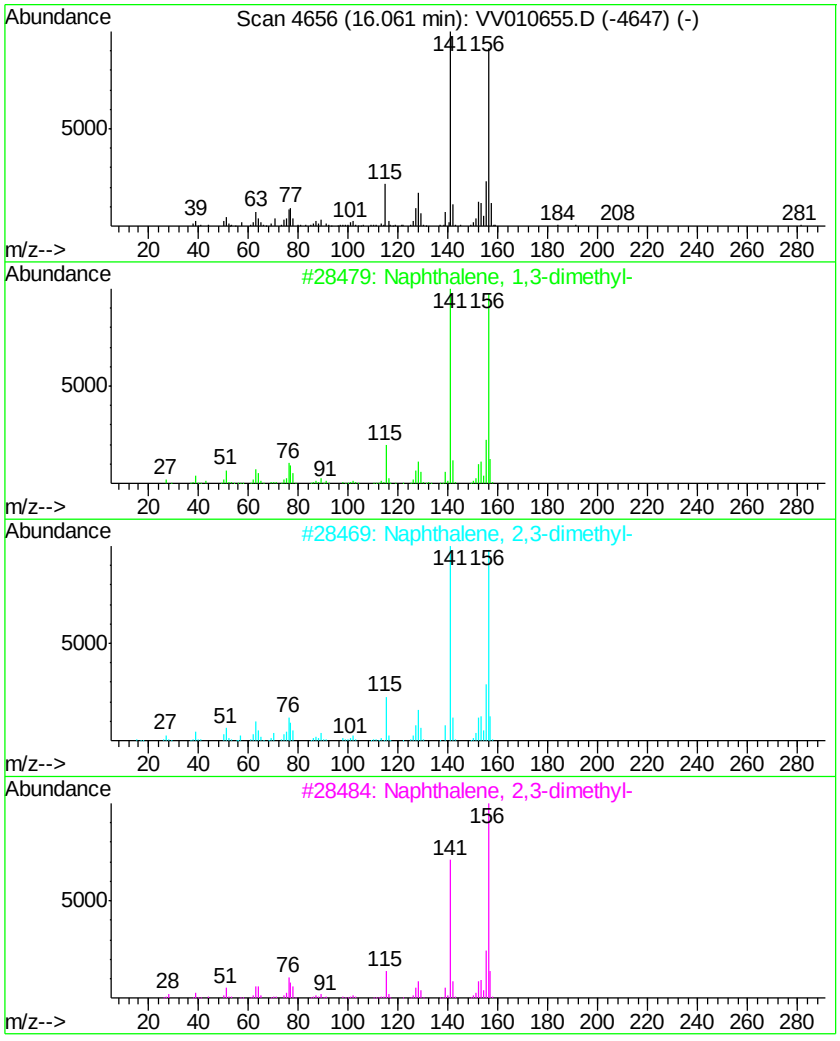
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

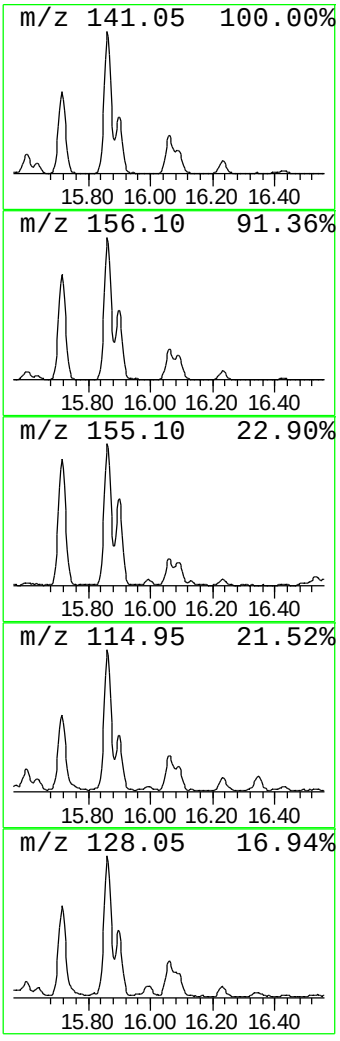
****

Peak Number 31 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	11.87 ug/L	196780	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	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

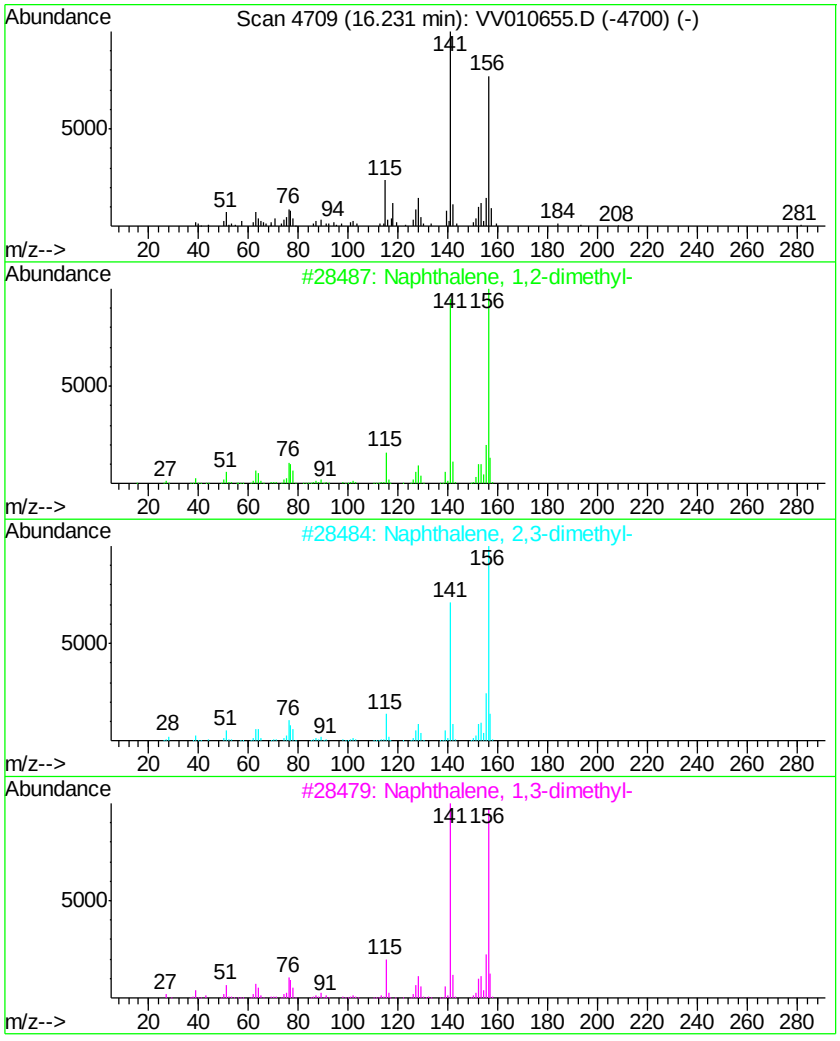
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

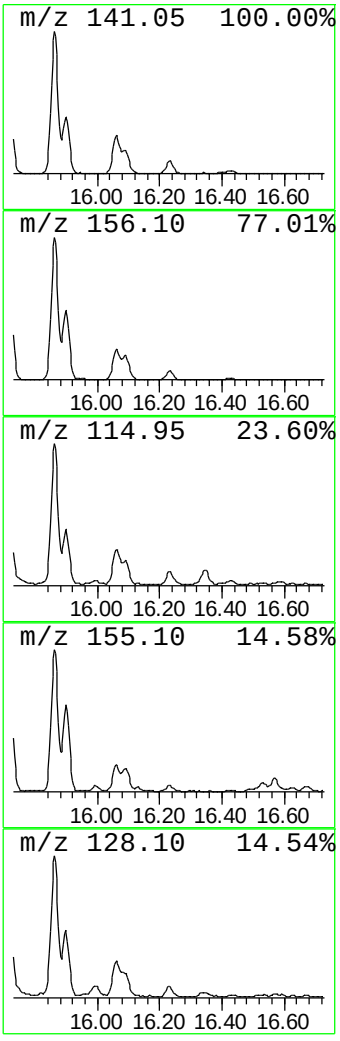
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Naphthalene, 1,2-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	4.16 ug/L	68859	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





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Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

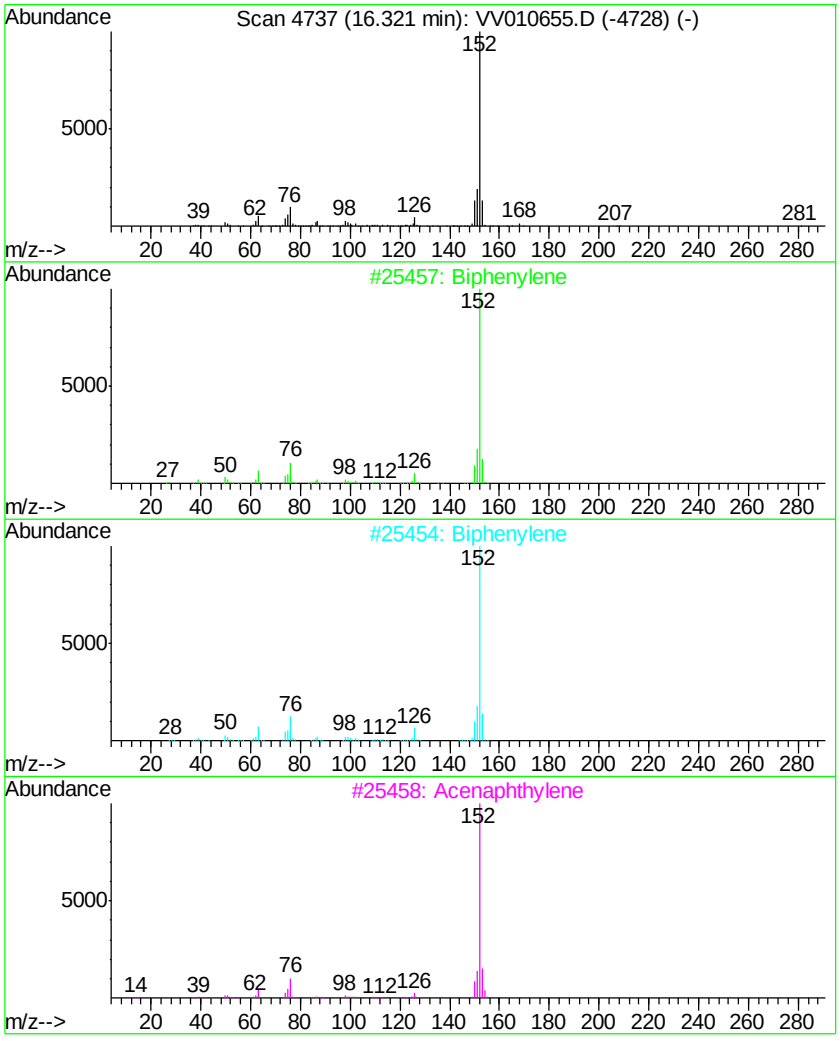
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

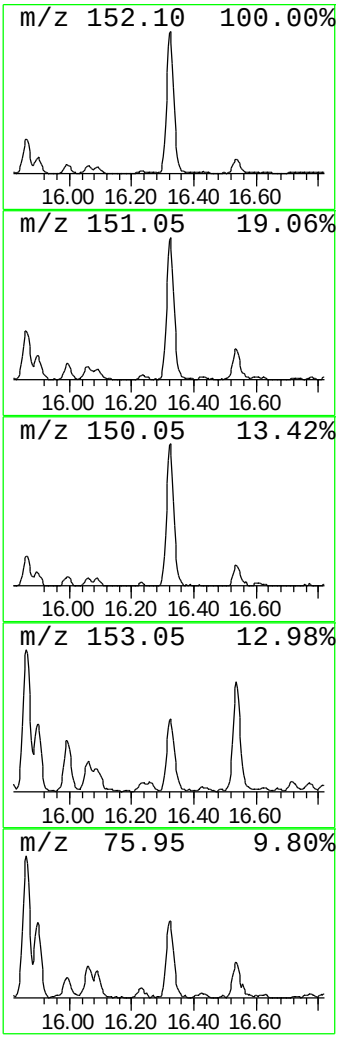
****

Peak Number 33 Biphenylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	17.50 ug/L	289999	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	97
2	Biphenylene	152	C12H8	000259-79-0	95
3	Acenaphthylene	152	C12H8	000208-96-8	83
4	Acenaphthylene	152	C12H8	000208-96-8	72
5	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

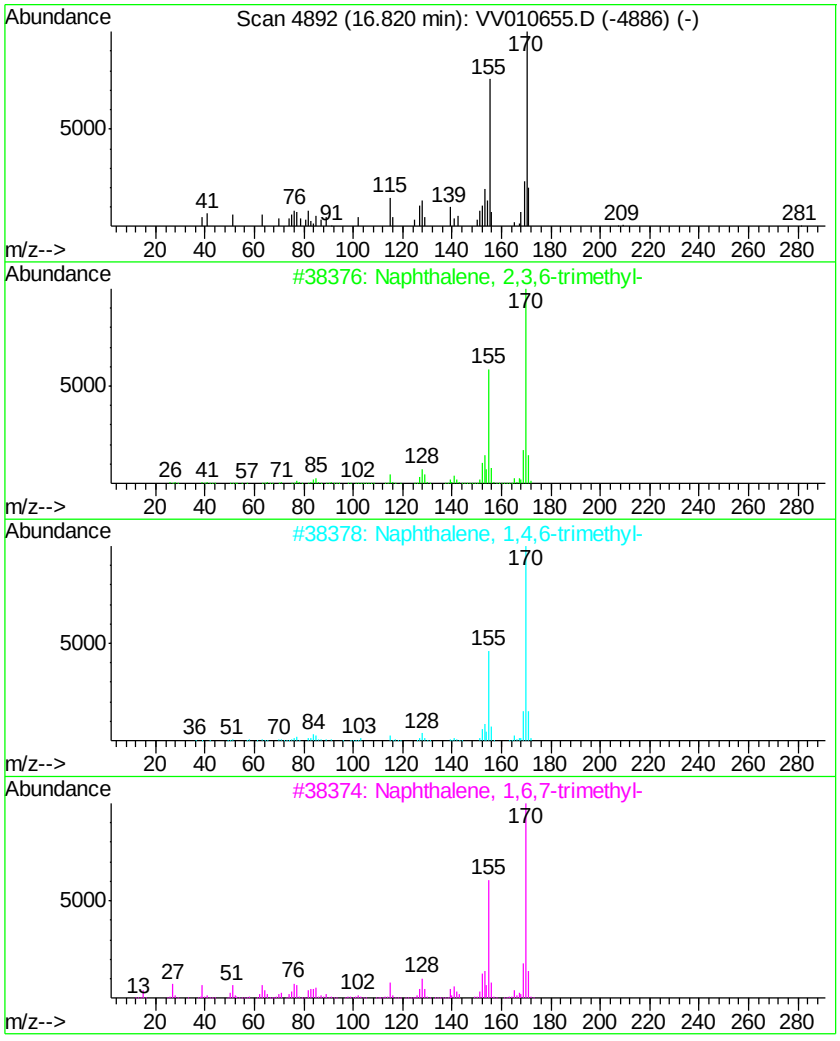
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

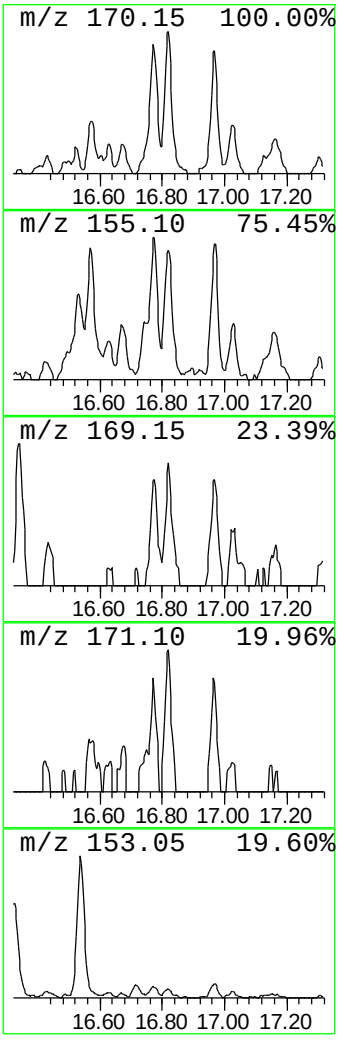
****

Peak Number 35 Naphthalene, 2,3,6-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	1.68 ug/L	27765	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV050219\
Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

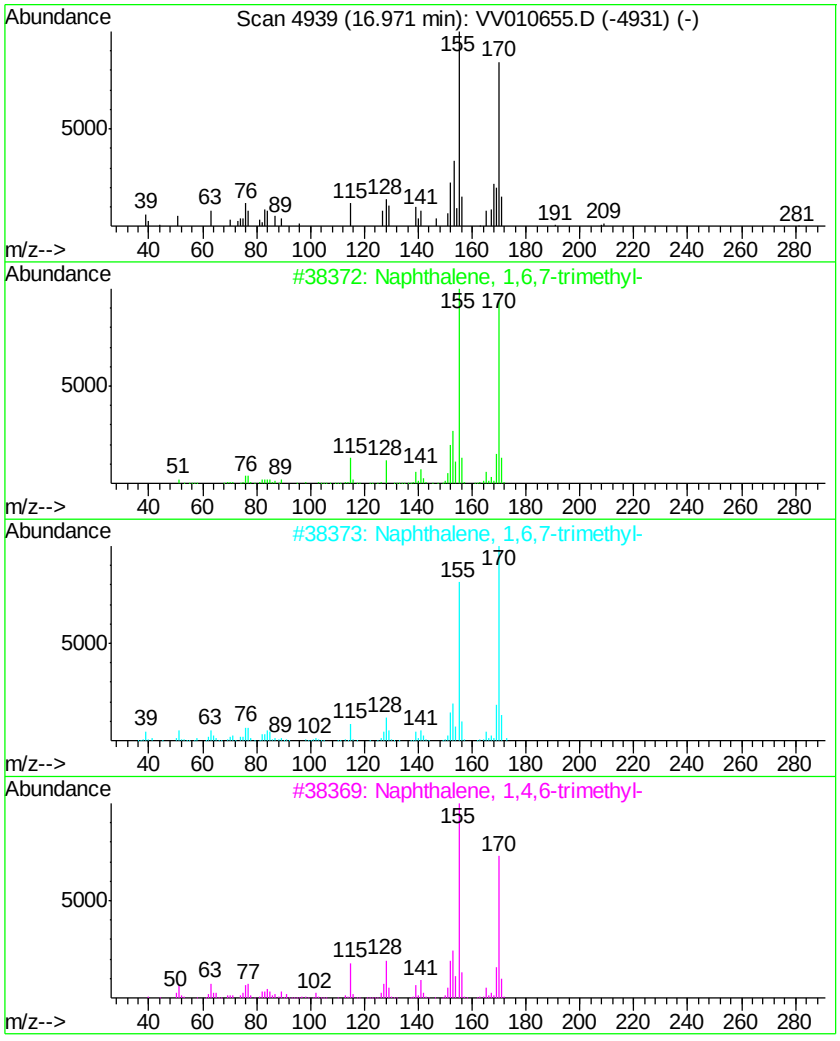
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis

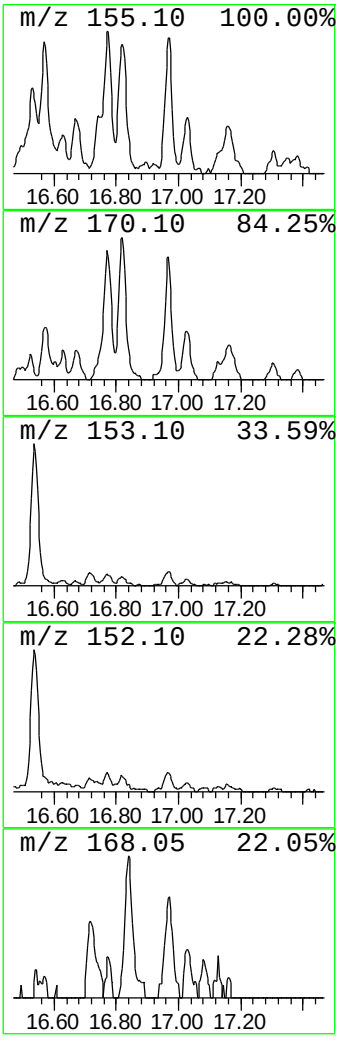
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 1,6,7-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	1.67 ug/L	27658	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050219\
Data File : VV010655.D
Acq On : 03 May 2019 10:20
Operator : SY/MD
Sample : K2603-05
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ57

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.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-etheny...	11.03	2.5	ug/L	41507	3	11.29	414294	25.0
Benzene, 1,2,3-tr...	11.38	2.1	ug/L	34525	3	11.29	414294	25.0
Benzene, 1,2-diet...	11.59	1.4	ug/L	22621	3	11.29	414294	25.0
Indene	11.79	2.0	ug/L	34035	3	11.29	414294	25.0
Benzene, 1,2,3,4-...	11.98	7.8	ug/L	128463	3	11.29	414294	25.0
Benzene, 4-ethyl-...	12.06	9.2	ug/L	152443	3	11.29	414294	25.0
2,4-Dimethylstyrene	12.24	21.9	ug/L	362454	3	11.29	414294	25.0
Benzene, 2-etheny...	12.30	5.1	ug/L	84852	3	11.29	414294	25.0
Benzene, 1,2,4,5-...	12.46	6.7	ug/L	111710	3	11.29	414294	25.0
Benzene, 1-etheny...	12.64	11.3	ug/L	187513	3	11.29	414294	25.0
unknown-01	12.77	2.5	ug/L	42209	3	11.29	414294	25.0
6-Methyl-1,2,3,5,...	12.84	1.7	ug/L	28162	3	11.29	414294	25.0
1H-Indene, 1-methyl-	13.10	15.3	ug/L	253821	3	11.29	414294	25.0
Benzene, (2-methy...	13.18	6.1	ug/L	101678	3	11.29	414294	25.0
unknown-02	13.32	3.0	ug/L	50393	3	11.29	414294	25.0
Benzene, 2-etheny...	13.60	4.9	ug/L	80868	3	11.29	414294	25.0
1H-Indene, 1,1-di...	14.14	11.8	ug/L	195056	3	11.29	414294	25.0
Naphthalene, 1,2-...	14.27	10.4	ug/L	172718	3	11.29	414294	25.0
Naphthalene, 1-me...	14.86	78.9	ug/L	1306860	3	11.29	414294	25.0
Naphthalene, 2,6-...	15.71	38.0	ug/L	630605	3	11.29	414294	25.0
Naphthalene, 2,3-...	15.86	49.5	ug/L	819906	3	11.29	414294	25.0
Naphthalene, 2-et...	15.99	3.6	ug/L	59995	3	11.29	414294	25.0
Naphthalene, 1,3-...	16.06	11.9	ug/L	196780	3	11.29	414294	25.0
Naphthalene, 1,2-...	16.23	4.2	ug/L	68859	3	11.29	414294	25.0
Biphenylene	16.32	17.5	ug/L	289999	3	11.29	414294	25.0
Naphthalene, 2,3,...	16.82	1.7	ug/L	27765	3	11.29	414294	25.0
Naphthalene, 1,6,...	16.97	1.7	ug/L	27658	3	11.29	414294	25.0