LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
Data File : VW007391.D
Acq On : 11 Dec 2018 12:48
Operator : SY/AP
Sample : J6297-06
Misc : 6.22G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E41

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_W\METHOD\SOM2WLM120718S.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	2.898	157	163	176	rVB	10711	28361	7.83%	1.078%
2	3.379	240	242	244	rBV	141	153	0.04%	0.006%
3	3.605	276	279	281	rBV	115	157	0.04%	0.006%
4	3.739	299	301	303	rBV	103	138	0.04%	0.005%
5	3.806	309	312	313	rBV	93	106	0.03%	0.004%
6	4.013	334	346	360	rBV2	43429	136169	37.57%	5.176%
7	4.233	378	382	383	rBB2	110	124	0.03%	0.005%
8	4.379	402	406	409	rBV2	592	919	0.25%	0.035%
9	4.897	484	491	492	rBV	2934	4246	1.17%	0.161%
10	5.019	510	511	515	rBB	134	100	0.03%	0.004%
11	5.080	516	521	522	rBV	174	198	0.05%	0.008%
12	5.098	522	524	527	rVV	203	206	0.06%	0.008%
13	5.153	531	533	537	rVB	242	252	0.07%	0.010%
14	5.196	537	540	541	rBB	165	154	0.04%	0.006%
15	5.220	541	544	546	rBB	132	148	0.04%	0.006%
16	5.251	547	549	552	rBB	131	131	0.04%	0.005%
17	5.287	552	555	558	rBB	130	142	0.04%	0.005%
18	5.409	571	575	577	rBB	130	185	0.05%	0.007%
19	5.464	581	584	586	rVB2	196	232	0.06%	0.009%
20	5.592	602	605	607	rBB2	131	165	0.05%	0.006%
21	5.690	618	621	624	rBB	137	150	0.04%	0.006%
22	5.738	628	629	631	rBV	197	124	0.03%	0.005%
23	5.934	654	661	669	rVB3	1301	3415	0.94%	0.130%
24	6.001	669	672	675	rBB	121	158	0.04%	0.006%
25	6.068	680	683	688	rBB	140	246	0.07%	0.009%
26	6.110	688	690	692	rBB	127	109	0.03%	0.004%
27	6.202	702	705	709	rBV	178	284	0.08%	0.011%
28	6.305	719	722	724	rBV	88	123	0.03%	0.005%
29	6.391	734	736	740	rBB	122	152	0.04%	0.006%
30	6.610	770	772	774	rBB	140	111	0.03%	0.004%
31	6.696	783	786	788	rBB	101	124	0.03%	0.005%
32	6.744	792	794	796	rBV	81	101	0.03%	0.004%
33	6.848	808	811	814	rBB	132	185	0.05%	0.007%
34	6.988	833	834	837	rVB	171	126	0.03%	0.005%

LSC Area Percent Report

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Misc : 6.22G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E41

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_W\METHOD\SOM2WLM120718S.M
Title : VOC Analysis

35	7.074	838	848	854	rBV	13253	34451	9.51%	1.310%
36	7.281	879	882	884	rBB	119	147	0.04%	0.006%
37	7.299	884	885	890	rBB	119	152	0.04%	0.006%
38	7.372	895	897	900	rVV	116	107	0.03%	0.004%
39	7.415	900	904	906	rVV	103	160	0.04%	0.006%
40	7.500	916	918	919	rBV	186	139	0.04%	0.005%
41	7.555	924	927	929	rBV2	137	169	0.05%	0.006%
42	7.647	932	942	953	rBB	63451	153865	42.46%	5.849%
43	7.744	956	958	961	rBV	118	128	0.04%	0.005%
44	7.903	982	984	986	rBV	128	126	0.03%	0.005%
45	8.037	1001	1006	1007	rBB	160	210	0.06%	0.008%
46	8.208	1032	1034	1035	rBV	161	117	0.03%	0.004%
47	8.275	1035	1045	1060	rVV2	120818	362407	100.00%	13.776%
48	8.390	1063	1064	1065	rBV2	214	127	0.04%	0.005%
49	8.433	1070	1071	1074	rVB	175	161	0.04%	0.006%
50	8.488	1079	1080	1084	rBB	131	134	0.04%	0.005%
51	8.525	1084	1086	1087	rBB	152	107	0.03%	0.004%
52	8.586	1094	1096	1098	rBV	89	107	0.03%	0.004%
53	8.634	1101	1104	1108	rBB	187	270	0.07%	0.010%
54	8.671	1108	1110	1111	rBV	160	132	0.04%	0.005%
55	8.689	1111	1113	1116	rBV	335	304	0.08%	0.012%
56	8.842	1129	1138	1147	rBV	119483	231979	64.01%	8.818%
57	9.146	1184	1188	1189	rBV	187	182	0.05%	0.007%
58	9.274	1201	1209	1218	rBV	81054	162502	44.84%	6.177%
59	9.445	1234	1237	1239	rBV	195	280	0.08%	0.011%
60	9.616	1263	1265	1268	rVB3	212	176	0.05%	0.007%
61	9.695	1277	1278	1282	rBV2	270	355	0.10%	0.013%
62	10.036	1327	1334	1341	rVB	48615	87608	24.17%	3.330%
63	10.323	1374	1381	1389	rBV	171928	304139	83.92%	11.561%
64	10.579	1417	1423	1432	rVB	34488	59161	16.32%	2.249%
65	10.927	1475	1480	1498	rVB	51704	90067	24.85%	3.424%
66	11.634	1590	1596	1604	rVB	154360	254812	70.31%	9.686%
67	12.073	1665	1668	1671	rVB	251	270	0.07%	0.010%
68	12.164	1682	1683	1684	rBV	277	142	0.04%	0.005%
69	12.292	1701	1704	1706	rBB	155	146	0.04%	0.006%
70	12.341	1711	1712	1715	rBB	149	118	0.03%	0.004%
71	12.475	1729	1734	1738	rVB	3769	6020	1.66%	0.229%

LSC Area Percent Report

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Operator : SY/AP
Sample : J6297-06
Misc : 6.22G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E41

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_W\METHOD\SOM2WLM120718S.M
Title : VOC Analysis

72	12.615	1749	1757	1763	rBV3	9752	16328	4.51%	0.621%
73	12.695	1764	1770	1779	rBV	70110	123882	34.18%	4.709%
74	12.871	1795	1799	1800	rBV	190	156	0.04%	0.006%
75	12.932	1806	1809	1815	rBV3	1071	1838	0.51%	0.070%
76	13.030	1821	1825	1830	rBB2	949	1219	0.34%	0.046%
77	13.097	1833	1836	1838	rBV	137	149	0.04%	0.006%
78	13.134	1840	1842	1846	rBV	239	319	0.09%	0.012%
79	13.304	1866	1870	1875	rVB2	1520	2367	0.65%	0.090%
80	13.359	1875	1879	1880	rBV	241	272	0.08%	0.010%
81	13.499	1893	1902	1906	rBV	8453	15387	4.25%	0.585%
82	13.560	1906	1912	1918	rVV	131494	215832	59.56%	8.204%
83	13.627	1918	1923	1931	rVB	59920	99519	27.46%	3.783%
84	13.719	1935	1938	1942	rBV2	1147	1466	0.40%	0.056%
85	13.768	1942	1946	1950	rBV3	929	1452	0.40%	0.055%
86	13.859	1954	1961	1968	rBV	126075	202373	55.84%	7.693%
87	14.036	1987	1990	1992	rBV	137	176	0.05%	0.007%
88	14.078	1992	1997	2005	rVB2	5257	8007	2.21%	0.304%
89	14.213	2016	2019	2022	rBB	231	236	0.07%	0.009%
90	14.267	2025	2028	2030	rBV	160	206	0.06%	0.008%
91	14.322	2034	2037	2042	rBV3	387	787	0.22%	0.030%
92	14.542	2071	2073	2077	rBB	175	203	0.06%	0.008%
93	14.597	2079	2082	2083	rVB	193	166	0.05%	0.006%
94	14.633	2083	2088	2091	rBV2	299	561	0.15%	0.021%
95	14.871	2124	2127	2128	rBV2	137	138	0.04%	0.005%
96	15.072	2155	2160	2168	rBV2	4204	7488	2.07%	0.285%
97	15.938	2299	2302	2306	rVB2	224	348	0.10%	0.013%
98	16.291	2358	2360	2364	rBV	146	150	0.04%	0.006%
99	16.499	2391	2394	2397	rBV2	230	408	0.11%	0.016%
100	16.541	2400	2401	2403	rBV	214	121	0.03%	0.005%

Sum of corrected areas: 2630725

LSC Report - Integrated Chromatogram

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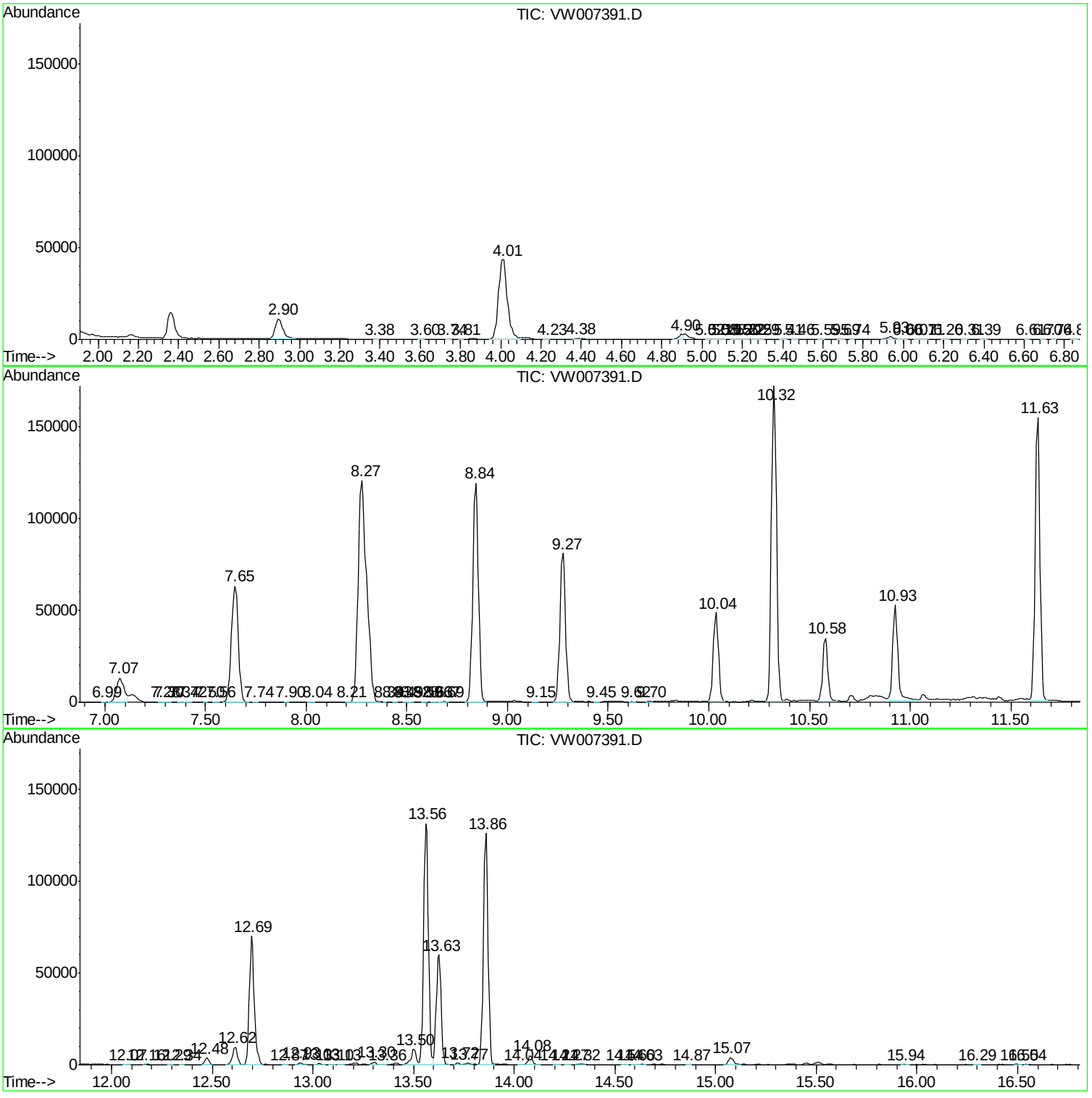
Operator : SY/AP
Sample : J6297-06
Misc : 6.22G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121218\
Data File : VW007391.D
Acq On : 11 Dec 2018 12:48
Operator : SY/AP
Sample : J6297-06
Misc : 6.22G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

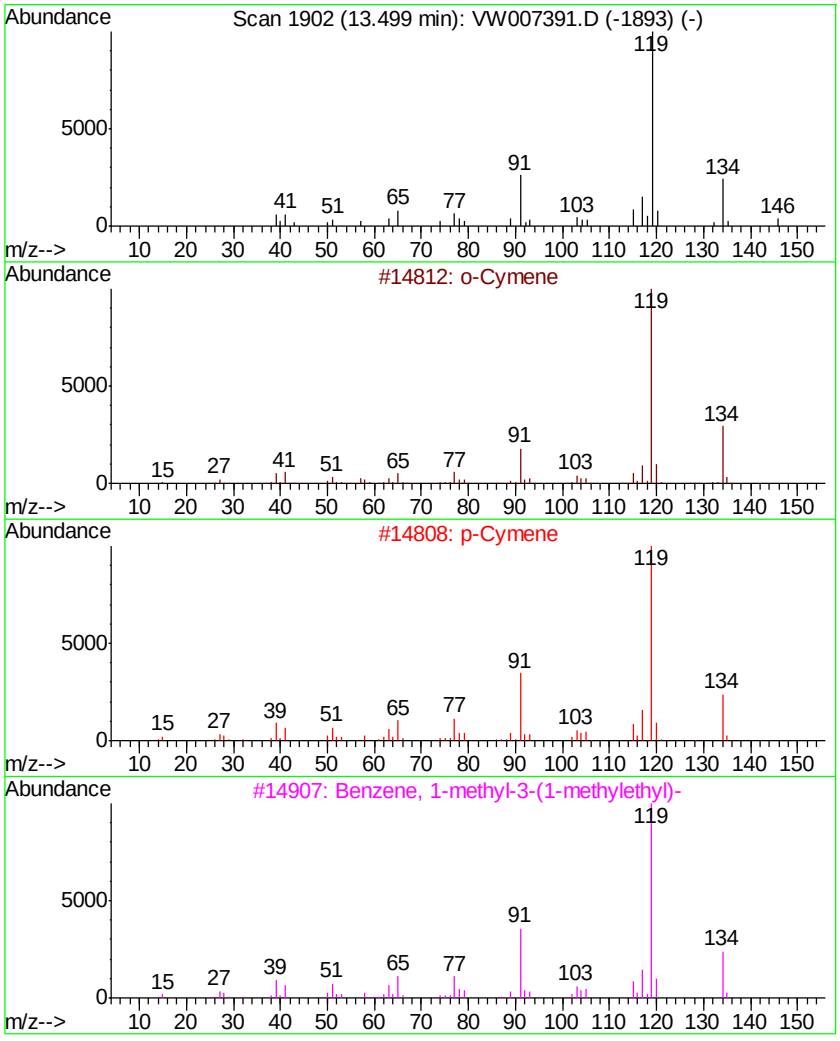
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

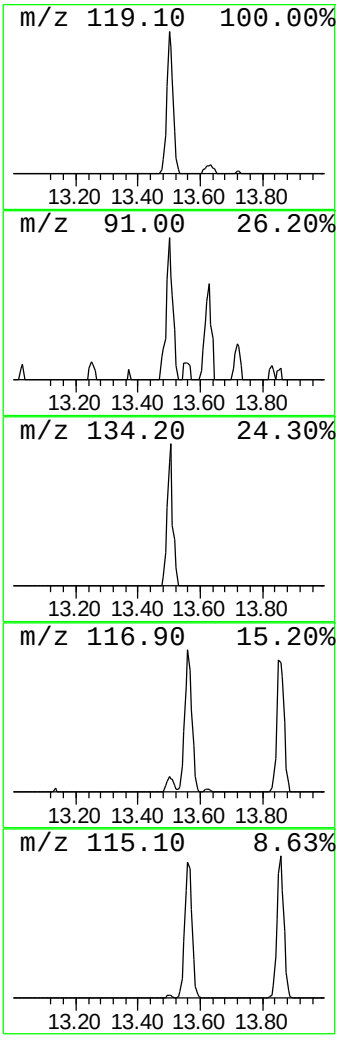
****

Peak Number 3 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	1.78 ug/L	15387	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	90
2	p-Cymene	134	C10H14	000099-87-6	87
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	p-Cymene	134	C10H14	000099-87-6	86
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E41

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

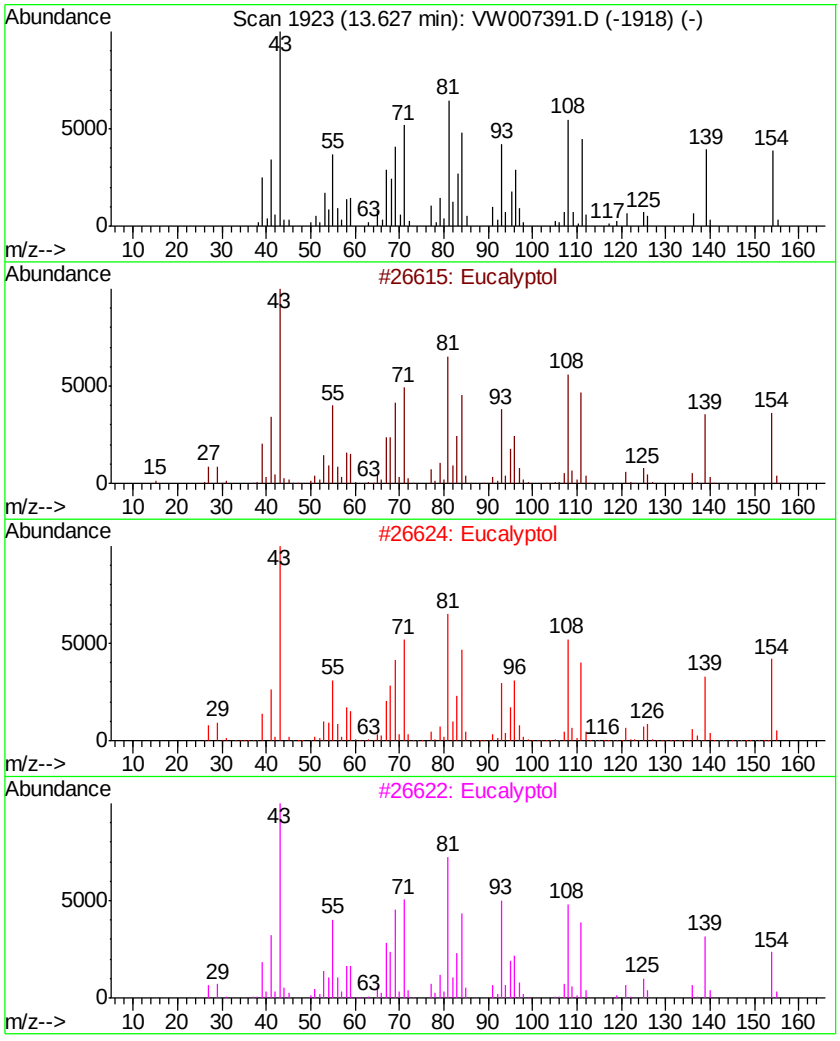
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

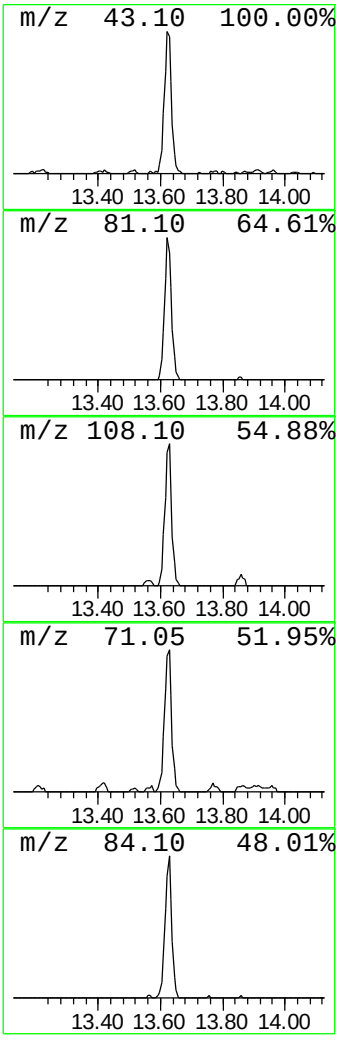
****

Peak Number 4 Eucalyptol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	11.53 ug/L	99519	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	99
2	Eucalyptol	154	C10H18O	000470-82-6	93
3	Eucalyptol	154	C10H18O	000470-82-6	91
4	Eucalyptol	154	C10H18O	000470-82-6	91
5	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	83





Tentatively Identified Compound (LSC) summary

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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
o-Cymene	13.50	1.8	ug/L	15387	3	13.57	215832	25.0
Eucalyptol	13.63	11.5	ug/L	99519	3	13.57	215832	25.0