LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121018\
Data File : VW007363.D
Acq On : 10 Dec 2018 17:37
Operator : SY/AP
Sample : J6297-09
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E42

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	2.361	69	75	89	rVB2	16081	36876	8.64%	1.196%
2	2.892	155	162	177	rVB	12508	32898	7.71%	1.067%
3	3.300	224	229	230	rBV	173	173	0.04%	0.006%
4	3.355	237	238	242	rVB	188	198	0.05%	0.006%
5	3.391	242	244	247	rBV	151	185	0.04%	0.006%
6	3.532	263	267	268	rBV2	442	519	0.12%	0.017%
7	3.666	283	289	290	rBV	200	207	0.05%	0.007%
8	3.696	293	294	298	rBV	212	195	0.05%	0.006%
9	3.861	313	321	325	rVV3	467	1071	0.25%	0.035%
10	4.007	335	345	360	rBV2	47842	157355	36.88%	5.104%
11	4.385	400	407	408	rBV	527	699	0.16%	0.023%
12	4.787	471	473	475	rBV	141	150	0.04%	0.005%
13	4.916	484	494	504	rBV4	4665	16043	3.76%	0.520%
14	5.226	541	545	546	rBV	176	177	0.04%	0.006%
15	5.245	546	548	550	rVB	166	159	0.04%	0.005%
16	5.312	555	559	560	rBV	130	170	0.04%	0.006%
17	5.428	576	578	580	rBV	184	178	0.04%	0.006%
18	5.458	580	583	585	rVV2	179	228	0.05%	0.007%
19	5.501	588	590	594	rBV	113	166	0.04%	0.005%
20	5.720	622	626	627	rBV	160	190	0.04%	0.006%
21	5.830	640	644	647	rBB	116	185	0.04%	0.006%
22	5.867	647	650	653	rBV	130	171	0.04%	0.006%
23	5.934	653	661	668	rVV4	1157	2734	0.64%	0.089%
24	6.123	689	692	695	rBB	154	178	0.04%	0.006%
25	6.171	695	700	702	rBV	105	191	0.04%	0.006%
26	6.324	722	725	728	rVV2	146	152	0.04%	0.005%
27	6.757	794	796	800	rVB	197	229	0.05%	0.007%
28	7.080	839	849	855	rBV2	8985	25659	6.01%	0.832%
29	7.263	877	879	881	rBV2	197	171	0.04%	0.006%
30	7.342	889	892	897	rBB	126	189	0.04%	0.006%
31	7.488	913	916	918	rBV2	465	464	0.11%	0.015%
32	7.647	930	942	954	rBV	73250	183011	42.89%	5.936%
33	7.799	965	967	971	rBB	136	160	0.04%	0.005%
34	8.275	1033	1045	1064	rBV2	144019	426695	100.00%	13.839%

LSC Area Percent Report

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Sample : J6297-09
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E42

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	8.397	1064	1065	1067	rVB2	322	156	0.04%	0.005%
36	8.543	1087	1089	1092	rVB	151	155	0.04%	0.005%
37	8.628	1100	1103	1107	rVB	350	438	0.10%	0.014%
38	8.714	1114	1117	1123	rVB2	242	452	0.11%	0.015%
39	8.842	1128	1138	1148	rBV	145821	286859	67.23%	9.304%
40	9.037	1166	1170	1174	rBV2	600	845	0.20%	0.027%
41	9.085	1174	1178	1181	rVV2	286	464	0.11%	0.015%
42	9.274	1201	1209	1219	rBV	93073	189058	44.31%	6.132%
43	9.348	1219	1221	1224	rVB2	334	399	0.09%	0.013%
44	9.652	1269	1271	1273	rBV	198	195	0.05%	0.006%
45	9.890	1304	1310	1317	rVB3	601	918	0.22%	0.030%
46	10.037	1326	1334	1342	rBB	52608	96024	22.50%	3.114%
47	10.219	1360	1364	1366	rBV	253	392	0.09%	0.013%
48	10.250	1366	1369	1373	rVB2	366	481	0.11%	0.016%
49	10.323	1373	1381	1390	rBV	209153	373591	87.55%	12.117%
50	10.384	1390	1391	1396	rVB	756	739	0.17%	0.024%
51	10.579	1416	1423	1430	rBV	36465	60351	14.14%	1.957%
52	10.707	1438	1444	1450	rBV	3892	6773	1.59%	0.220%
53	10.805	1450	1460	1461	rBV2	1788	4073	0.95%	0.132%
54	10.927	1474	1480	1492	rBV	38621	69270	16.23%	2.247%
55	11.067	1498	1503	1510	rVB2	6364	10377	2.43%	0.337%
56	11.634	1589	1596	1605	rVB	188330	313581	73.49%	10.170%
57	12.158	1680	1682	1683	rBV2	296	299	0.07%	0.010%
58	12.219	1689	1692	1693	rBV	268	193	0.05%	0.006%
59	12.280	1700	1702	1704	rVB	356	249	0.06%	0.008%
60	12.365	1714	1716	1717	rBV	214	182	0.04%	0.006%
61	12.475	1728	1734	1740	rBB2	5952	9408	2.20%	0.305%
62	12.615	1750	1757	1764	rBV2	10536	16835	3.95%	0.546%
63	12.695	1764	1770	1781	rVB2	68946	122691	28.75%	3.979%
64	12.938	1806	1810	1815	rBB2	1821	2514	0.59%	0.082%
65	13.036	1821	1826	1831	rBB3	1878	2860	0.67%	0.093%
66	13.127	1840	1841	1845	rVB	204	205	0.05%	0.007%
67	13.195	1846	1852	1855	rBV2	413	704	0.16%	0.023%
68	13.249	1855	1861	1866	rVB2	4717	6488	1.52%	0.210%
69	13.304	1866	1870	1875	rVB3	1431	2533	0.59%	0.082%
70	13.408	1883	1887	1892	rBV3	448	804	0.19%	0.026%
71	13.505	1894	1903	1906	rBV	8849	15634	3.66%	0.507%

LSC Area Percent Report

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Operator : SY/AP
Sample : J6297-09
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E42

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	13.560	1906	1912	1919	rVB	177843	286733	67.20%	9.300%
73	13.768	1942	1946	1950	rBB2	573	748	0.18%	0.024%
74	13.810	1950	1953	1954	rBV	437	373	0.09%	0.012%
75	13.859	1954	1961	1968	rVV	165079	263811	61.83%	8.556%
76	13.908	1968	1969	1975	rVV	679	537	0.13%	0.017%
77	13.963	1975	1978	1981	rVB	197	274	0.06%	0.009%
78	14.018	1982	1987	1989	rBB	154	244	0.06%	0.008%
79	14.079	1990	1997	2003	rBB	4053	6861	1.61%	0.223%
80	14.207	2014	2018	2020	rBB	237	215	0.05%	0.007%
81	14.335	2037	2039	2044	rVB3	422	616	0.14%	0.020%
82	14.560	2075	2076	2081	rVV	175	252	0.06%	0.008%
83	14.700	2097	2099	2102	rBV2	176	228	0.05%	0.007%
84	14.737	2102	2105	2107	rBV2	445	389	0.09%	0.013%
85	14.822	2116	2119	2124	rBB2	216	303	0.07%	0.010%
86	14.883	2124	2129	2130	rBV2	222	243	0.06%	0.008%
87	15.115	2163	2167	2169	rBB	207	230	0.05%	0.007%
88	15.151	2170	2173	2174	rBV	208	191	0.04%	0.006%
89	15.176	2174	2177	2181	rVV	198	319	0.07%	0.010%
90	15.310	2193	2199	2205	rVB	18835	28905	6.77%	0.937%
91	15.377	2205	2210	2216	rBV3	458	780	0.18%	0.025%
92	15.450	2218	2222	2225	rVV	833	1163	0.27%	0.038%
93	15.511	2227	2232	2239	rVB2	806	1518	0.36%	0.049%
94	15.645	2252	2254	2256	rBV	178	186	0.04%	0.006%
95	15.706	2260	2264	2268	rVB	196	204	0.05%	0.007%
96	15.743	2268	2270	2273	rBV	202	258	0.06%	0.008%
97	15.889	2292	2294	2296	rBV	215	167	0.04%	0.005%
98	15.950	2300	2304	2306	rVB2	147	170	0.04%	0.006%
99	16.145	2334	2336	2338	rBV	156	153	0.04%	0.005%
100	16.724	2425	2431	2435	rBV4	1146	1982	0.46%	0.064%

Sum of corrected areas: 3083269

LSC Report - Integrated Chromatogram

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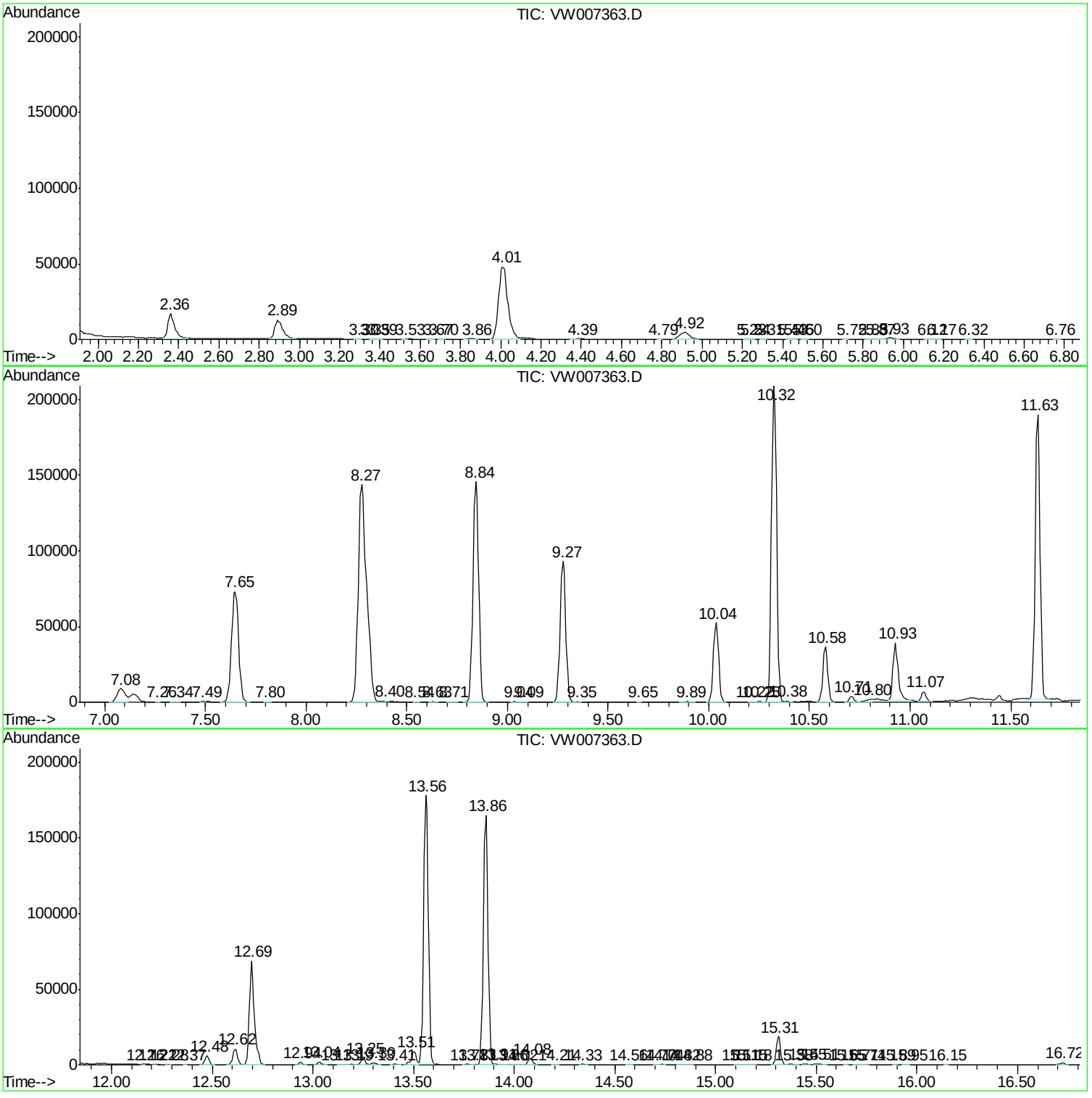
Sample : J6297-09
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E42

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121018\
Data File : VW007363.D
Acq On : 10 Dec 2018 17:37
Operator : SY/AP
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ALS Vial : 1 Sample Multiplier: 1

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

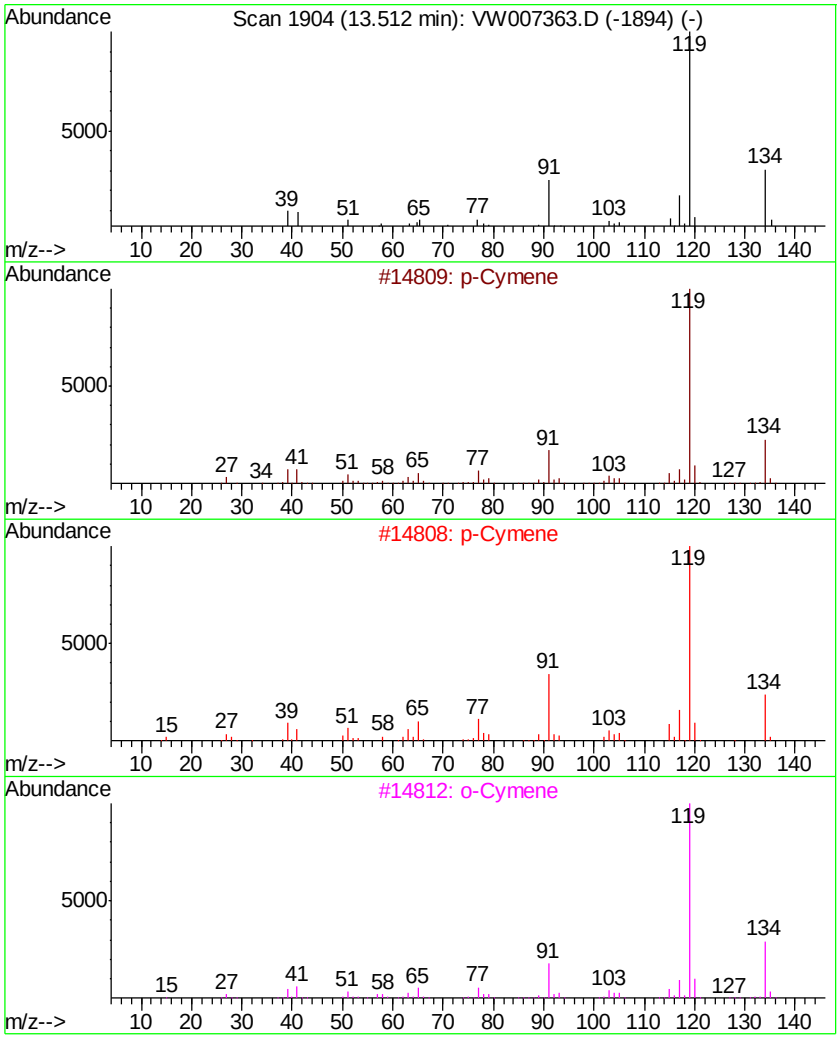
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

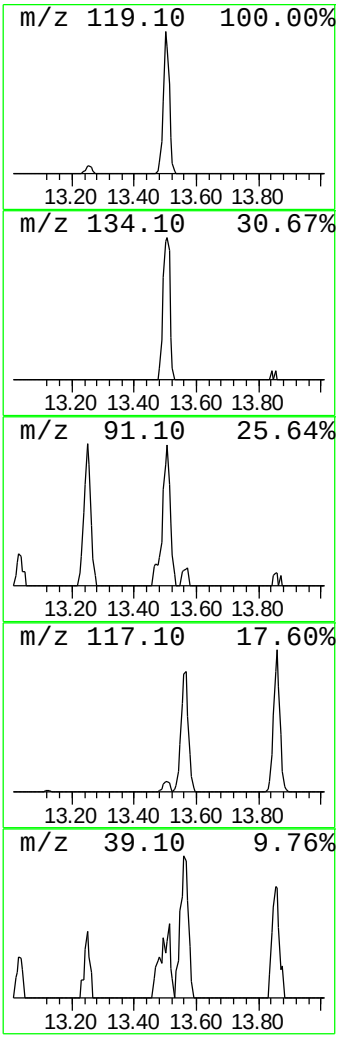
****

Peak Number 3 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	1.36 ug/L	15634	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	93
2	p-Cymene	134	C10H14	000099-87-6	91
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121018\
Data File : VW007363.D
Acq On : 10 Dec 2018 17:37
Operator : SY/AP
Sample : J6297-09
Misc : 5.43G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E42

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

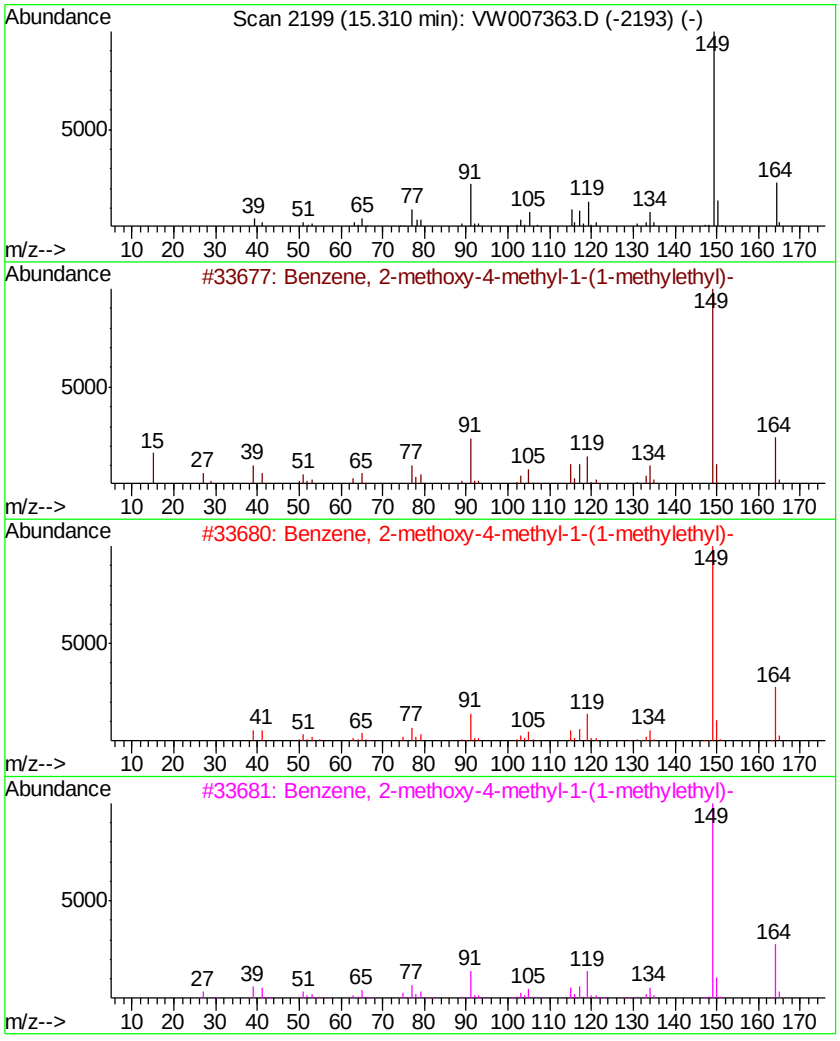
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

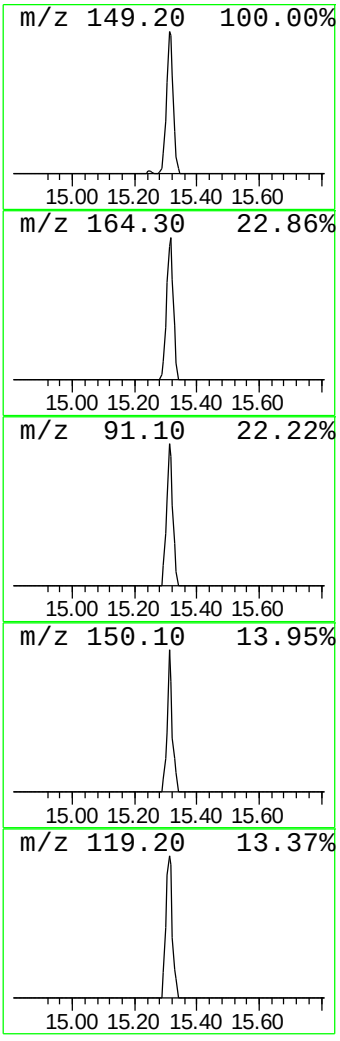
****

Peak Number 4 Benzene, 2-methoxy-4-methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	2.52 ug/L	28905	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	93
2	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	90
3	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	90
4	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	86
5	Benzene, 1-methoxy-4-methyl-2-(1...	164	C11H16O	031574-44-4	64





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
p-Cymene	13.51	1.4	ug/L	15634	3	13.56	286733	25.0
Benzene, 2-methox...	15.31	2.5	ug/L	28905	3	13.56	286733	25.0