LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121319\
Data File : VY000938.D
Acq On : 13 Dec 2019 10:50
Operator : SY/MD
Sample : VY1213SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK780

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_Y\METHODS\SFAMYLM110519SMA.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	2.243	77	83	94	rVB	116212	203304	12.73%	1.638%
2	2.755	161	167	178	rBV	106913	217852	13.64%	1.755%
3	3.267	249	251	252	rVB2	804	453	0.03%	0.004%
4	3.347	262	264	266	rVV2	747	626	0.04%	0.005%
5	3.377	266	269	270	rVV	1028	973	0.06%	0.008%
6	3.395	270	272	274	rVV2	779	679	0.04%	0.005%
7	3.426	275	277	279	rVV	759	472	0.03%	0.004%
8	3.450	279	281	286	rVB2	1015	1300	0.08%	0.010%
9	3.499	286	289	290	rBV	496	389	0.02%	0.003%
10	3.846	335	346	358	rBV2	202438	548599	34.34%	4.420%
11	4.054	378	380	381	rBV2	747	503	0.03%	0.004%
12	4.072	381	383	385	rVV	643	529	0.03%	0.004%
13	4.139	392	394	397	rBV	296	414	0.03%	0.003%
14	4.194	399	403	404	rBV2	1479	1996	0.12%	0.016%
15	4.285	417	418	421	rVB2	586	415	0.03%	0.003%
16	4.566	460	464	466	rBV2	475	621	0.04%	0.005%
17	4.712	477	488	500	rBV3	10742	33350	2.09%	0.269%
18	4.865	512	513	515	rBV2	421	405	0.03%	0.003%
19	5.151	558	560	564	rBV2	281	392	0.02%	0.003%
20	5.218	564	571	572	rBV4	1403	2273	0.14%	0.018%
21	5.297	582	584	585	rBV	565	368	0.02%	0.003%
22	5.340	588	591	593	rVV2	640	653	0.04%	0.005%
23	5.395	596	600	603	rVV2	237	449	0.03%	0.004%
24	5.444	605	608	610	rVV	667	581	0.04%	0.005%
25	5.578	624	630	631	rBV4	1010	1571	0.10%	0.013%
26	5.645	639	641	644	rBV2	559	766	0.05%	0.006%
27	5.742	650	657	667	rBV6	3526	11413	0.71%	0.092%
28	5.852	674	675	677	rVB	473	344	0.02%	0.003%
29	5.986	693	697	700	rVB2	422	599	0.04%	0.005%
30	6.023	700	703	704	rBV2	584	662	0.04%	0.005%
31	6.114	717	718	722	rVB2	308	367	0.02%	0.003%
32	6.261	741	742	745	rVV	392	343	0.02%	0.003%
33	6.334	752	754	756	rVV	671	418	0.03%	0.003%
34	6.431	768	770	773	rVB2	383	380	0.02%	0.003%

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Operator : SY/MD
Sample : VY1213SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK780

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_Y\METHODS\SFAMYLM110519SMA.M
Title : VOC Analysis

35	6.730	818	819	821	rBV2	483	353	0.02%	0.003%
36	6.815	830	833	835	rBV2	537	621	0.04%	0.005%
37	6.895	836	846	858	rBV	88257	253909	15.90%	2.046%
38	7.065	873	874	877	rBV2	582	597	0.04%	0.005%
39	7.486	932	943	960	rVB	245005	631937	39.56%	5.091%
40	7.608	960	963	968	rBV2	422	617	0.04%	0.005%
41	7.687	974	976	979	rBV2	720	743	0.05%	0.006%
42	7.766	984	989	990	rBV3	1178	1611	0.10%	0.013%
43	7.864	1001	1005	1006	rBV2	392	517	0.03%	0.004%
44	7.901	1008	1011	1018	rVV5	1169	2270	0.14%	0.018%
45	7.980	1022	1024	1026	rVV2	544	499	0.03%	0.004%
46	8.029	1030	1032	1036	rVB2	365	361	0.02%	0.003%
47	8.114	1036	1046	1063	rBV2	531256	1597366	100.00%	12.869%
48	8.242	1063	1067	1071	rVB4	1398	2336	0.15%	0.019%
49	8.474	1103	1105	1109	rVB	992	1200	0.08%	0.010%
50	8.516	1109	1112	1113	rBV	651	657	0.04%	0.005%
51	8.693	1132	1141	1151	rVB	531232	1043040	65.30%	8.403%
52	8.925	1172	1179	1191	rVB3	26762	53578	3.35%	0.432%
53	9.041	1195	1198	1201	rBV2	643	648	0.04%	0.005%
54	9.071	1201	1203	1204	rBV2	697	643	0.04%	0.005%
55	9.120	1204	1211	1224	rBV	365186	742216	46.46%	5.980%
56	9.461	1265	1267	1270	rBV2	493	714	0.04%	0.006%
57	9.504	1270	1274	1283	rVV6	4863	10386	0.65%	0.084%
58	9.614	1290	1292	1295	rVV	340	473	0.03%	0.004%
59	9.669	1299	1301	1304	rVB2	527	597	0.04%	0.005%
60	9.766	1316	1317	1319	rBV2	500	306	0.02%	0.002%
61	9.888	1329	1337	1347	rBV	214090	377179	23.61%	3.039%
62	9.973	1348	1351	1356	rVB3	2824	3946	0.25%	0.032%
63	10.065	1362	1366	1375	rVB3	3758	6970	0.44%	0.056%
64	10.175	1375	1384	1391	rVV	796790	1339294	83.84%	10.790%
65	10.236	1391	1394	1403	rVB3	5701	11130	0.70%	0.090%
66	10.437	1420	1427	1437	rVB	153366	254930	15.96%	2.054%
67	10.577	1444	1450	1456	rVB2	22063	38565	2.41%	0.311%
68	10.638	1456	1460	1464	rBV3	1215	1700	0.11%	0.014%
69	10.687	1466	1468	1469	rBV	670	419	0.03%	0.003%
70	10.717	1469	1473	1476	rVB5	3016	4363	0.27%	0.035%
71	10.784	1477	1484	1502	rBV	368977	592641	37.10%	4.775%

LSC Area Percent Report

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Acq On : 13 Dec 2019 10:50
Operator : SY/MD
Sample : VY1213SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK780

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_Y\METHODS\SFAMYLM110519SMA.M
Title : VOC Analysis

72	10.973	1514	1515	1519	rVB2	1109	950	0.06%	0.008%
73	11.040	1524	1526	1529	rBV2	656	901	0.06%	0.007%
74	11.083	1531	1533	1535	rVB2	850	636	0.04%	0.005%
75	11.260	1558	1562	1566	rVB4	1225	2071	0.13%	0.017%
76	11.333	1572	1574	1576	rBV	524	605	0.04%	0.005%
77	11.388	1581	1583	1585	rVV2	529	470	0.03%	0.004%
78	11.412	1585	1587	1590	rVV2	603	621	0.04%	0.005%
79	11.485	1590	1599	1608	rVV	780111	1252798	78.43%	10.093%
80	11.589	1612	1616	1621	rVB2	5143	8259	0.52%	0.067%
81	11.699	1628	1634	1641	rVB2	6479	11558	0.72%	0.093%
82	11.754	1641	1643	1648	rBV2	546	685	0.04%	0.006%
83	12.034	1684	1689	1695	rVB5	12235	22558	1.41%	0.182%
84	12.095	1697	1699	1702	rBV	540	497	0.03%	0.004%
85	12.132	1704	1705	1706	rVB	999	365	0.02%	0.003%
86	12.150	1706	1708	1710	rBV2	614	523	0.03%	0.004%
87	12.327	1732	1737	1742	rVB3	5631	8829	0.55%	0.071%
88	12.485	1757	1763	1768	rBV2	46556	77663	4.86%	0.626%
89	12.552	1768	1774	1782	rVB	352552	578452	36.21%	4.660%
90	12.729	1799	1803	1806	rBV3	1437	2401	0.15%	0.019%
91	12.759	1806	1808	1811	rVV3	790	740	0.05%	0.006%
92	12.808	1812	1816	1820	rVB4	5500	8788	0.55%	0.071%
93	13.113	1862	1866	1872	rVB3	6990	11113	0.70%	0.090%
94	13.357	1899	1906	1910	rBV4	7681	14970	0.94%	0.121%
95	13.418	1910	1916	1925	rVB	794701	1217753	76.24%	9.811%
96	13.717	1957	1965	1973	rBV	719450	1114717	69.78%	8.981%
97	13.869	1988	1990	1993	rBV4	1351	1797	0.11%	0.014%
98	13.961	2000	2005	2012	rVB2	24773	40628	2.54%	0.327%
99	14.357	2069	2070	2072	rBV2	2074	1201	0.08%	0.010%
100	15.229	2210	2213	2218	rVB2	11002	16251	1.02%	0.131%

Sum of corrected areas: 12412591

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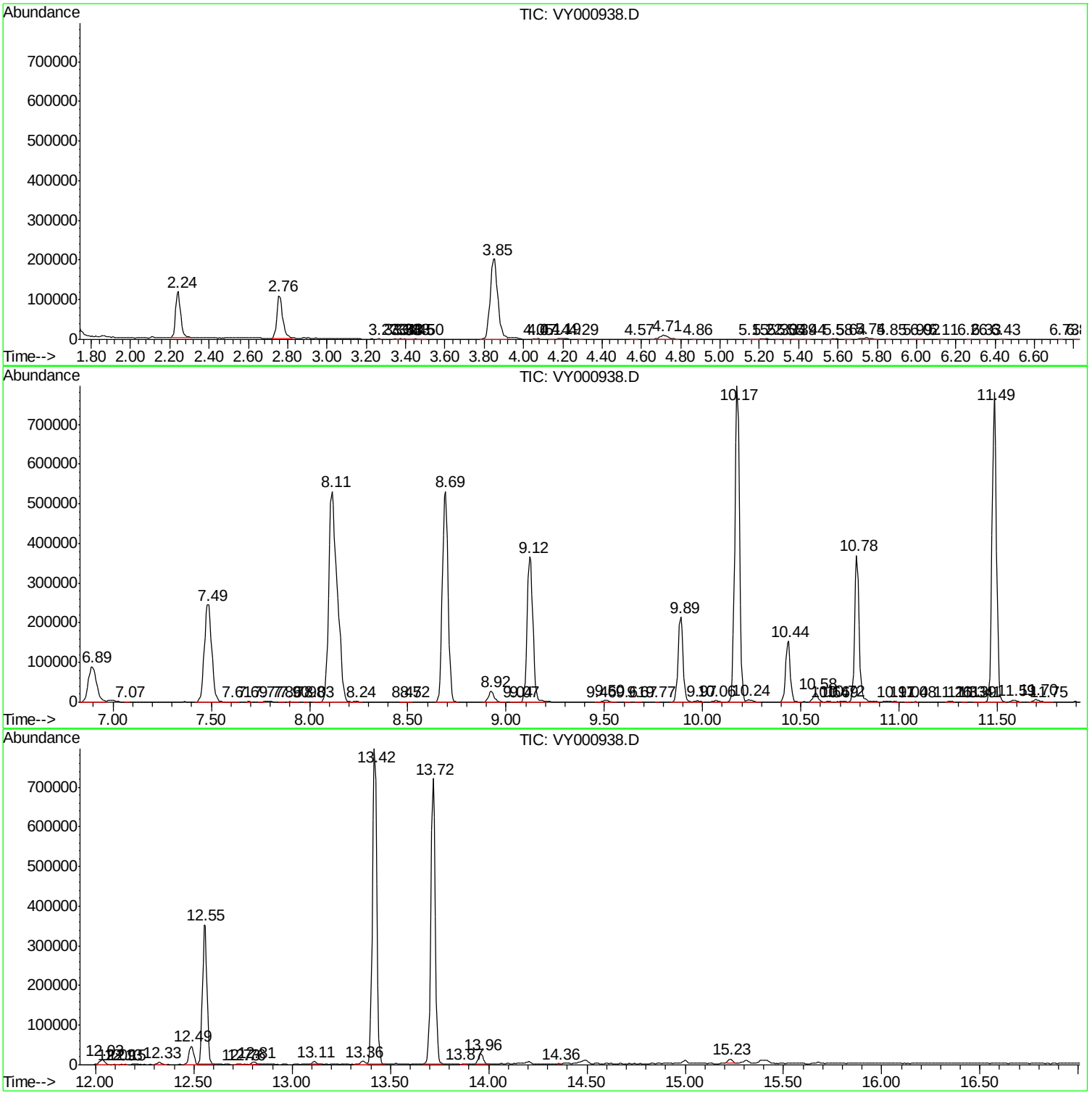
Instrument :
MSVOA_Y
ClientSampleId :
VBLK780

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM110519SMA.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_Y\DATA\VY121319\
Data File : VY000938.D
Acq On : 13 Dec 2019 10:50
Operator : SY/MD
Sample : VY1213SBL01
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VBLK780

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM110519SMA.M
Quant Title : VOC Analysis

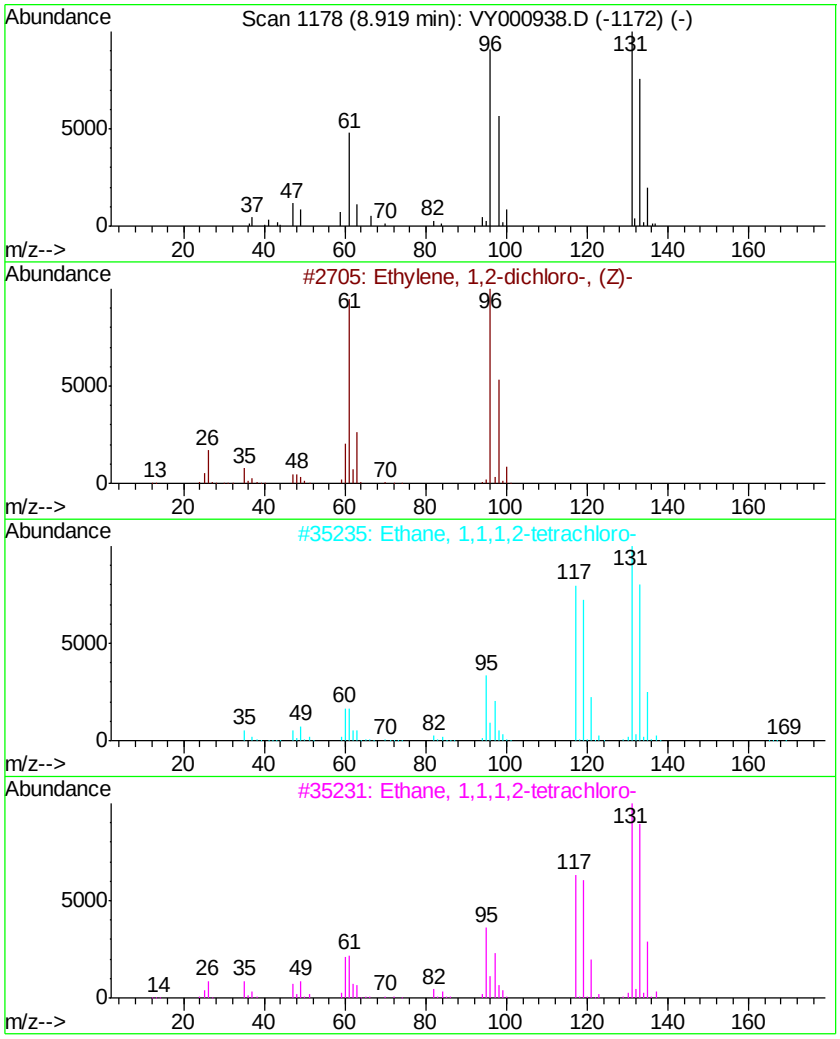
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

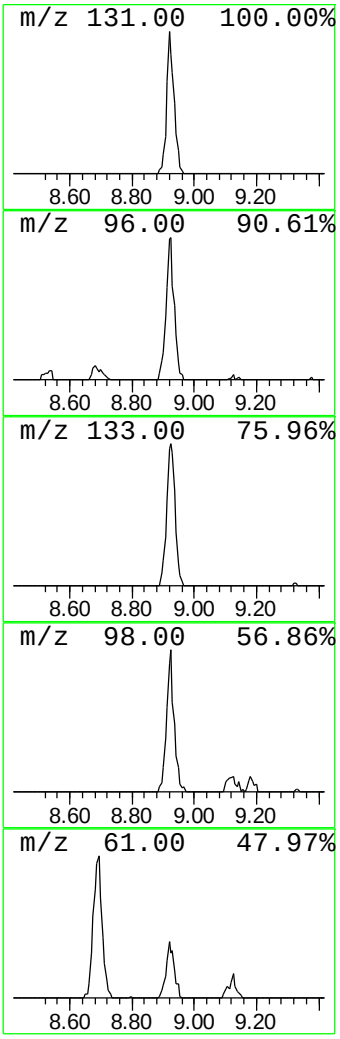
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	1.28 ug/L	53578	1,4-Difluorobenzene	8.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	32
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23





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
unknown-01	8.92	1.3	ug/L	53578	1	8.69	1043040	25.0