LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101419\
Data File : VW013557.D
Acq On : 14 Oct 2019 12:46
Operator : SY/VA
Sample : K5262-21
Misc : 4.24G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFBB1

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\SOM2WLM101019S.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	2.148	36	40	42	rBV	2337	3391	0.11%	0.026%
2	2.343	66	72	80	rBV	71433	124194	3.92%	0.970%
3	2.885	154	161	172	rVB	55502	126364	3.98%	0.987%
4	3.373	238	241	244	rBV2	803	1181	0.04%	0.009%
5	3.483	256	259	261	rBV	243	336	0.01%	0.003%
6	3.599	276	278	281	rVB2	718	612	0.02%	0.005%
7	3.739	300	301	304	rVB	491	275	0.01%	0.002%
8	3.940	331	334	335	rBV2	368	328	0.01%	0.003%
9	4.013	335	346	362	rVV2	114353	347792	10.96%	2.717%
10	4.190	372	375	379	rBV4	587	720	0.02%	0.006%
11	4.275	386	389	390	rVB2	406	314	0.01%	0.002%
12	4.336	396	399	401	rBV	578	563	0.02%	0.004%
13	4.544	429	433	435	rVV2	202	315	0.01%	0.002%
14	4.733	460	464	468	rVV2	420	547	0.02%	0.004%
15	4.909	485	493	501	rBV3	4990	15933	0.50%	0.124%
16	5.257	549	550	553	rVB2	282	279	0.01%	0.002%
17	5.422	570	577	578	rBV3	505	912	0.03%	0.007%
18	5.928	654	660	670	rVB6	3451	10349	0.33%	0.081%
19	6.037	674	678	680	rBV2	312	394	0.01%	0.003%
20	6.592	767	769	772	rBV2	274	295	0.01%	0.002%
21	6.726	787	791	792	rVB2	261	288	0.01%	0.002%
22	6.830	805	808	812	rBV2	465	507	0.02%	0.004%
23	6.976	828	832	840	rVB5	716	1418	0.04%	0.011%
24	7.080	840	849	857	rBV	33376	99611	3.14%	0.778%
25	7.348	891	893	899	rVB3	347	584	0.02%	0.005%
26	7.647	931	942	954	rBV	181574	449928	14.18%	3.515%
27	7.872	975	979	982	rBV3	445	726	0.02%	0.006%
28	7.903	982	984	985	rVB	614	369	0.01%	0.003%
29	7.952	985	992	996	rBV7	1368	3125	0.10%	0.024%
30	8.116	1015	1019	1020	rBV2	238	315	0.01%	0.002%
31	8.141	1020	1023	1024	rBV2	534	546	0.02%	0.004%
32	8.275	1035	1045	1062	rVV2	363913	1067481	33.65%	8.339%
33	8.445	1071	1073	1075	rVB2	760	586	0.02%	0.005%
34	8.573	1092	1094	1098	rBV2	421	619	0.02%	0.005%

LSC Area Percent Report

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Operator : SY/VA
Sample : K5262-21
Misc : 4.24G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFBB1

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\SOM2WLM101019S.M
Title : VOC Analysis

35	8.695	1107	1114	1118	rBV6	1232	3148	0.10%	0.025%
36	8.842	1129	1138	1152	rBV	450159	909335	28.67%	7.103%
37	9.086	1169	1178	1186	rBV6	3798	7872	0.25%	0.061%
38	9.275	1199	1209	1218	rBV	248474	510553	16.10%	3.988%
39	9.464	1237	1240	1241	rVB	462	407	0.01%	0.003%
40	9.482	1241	1243	1245	rBV	226	301	0.01%	0.002%
41	9.537	1249	1252	1254	rBV	329	375	0.01%	0.003%
42	9.561	1254	1256	1258	rVV2	262	275	0.01%	0.002%
43	9.628	1265	1267	1268	rBV	415	365	0.01%	0.003%
44	9.652	1268	1271	1279	rVB5	1655	3302	0.10%	0.026%
45	9.774	1288	1291	1293	rVB2	296	322	0.01%	0.003%
46	10.030	1322	1333	1342	rBV	113938	216565	6.83%	1.692%
47	10.128	1346	1349	1357	rVB4	1349	2455	0.08%	0.019%
48	10.226	1363	1365	1368	rVB2	268	292	0.01%	0.002%
49	10.323	1373	1381	1388	rBV	481936	852450	26.87%	6.659%
50	10.512	1407	1412	1413	rBV3	779	1201	0.04%	0.009%
51	10.579	1416	1423	1434	rVV	71055	126151	3.98%	0.985%
52	10.701	1438	1443	1450	rVB3	7044	11438	0.36%	0.089%
53	10.756	1450	1452	1453	rBV	571	348	0.01%	0.003%
54	10.811	1459	1461	1464	rVB3	510	444	0.01%	0.003%
55	10.860	1464	1469	1473	rBV4	2678	4094	0.13%	0.032%
56	10.921	1473	1479	1490	rBV	128373	230805	7.28%	1.803%
57	11.116	1510	1511	1512	rBV	571	316	0.01%	0.002%
58	11.171	1518	1520	1523	rVB2	350	416	0.01%	0.003%
59	11.219	1526	1528	1531	rBV2	227	287	0.01%	0.002%
60	11.390	1554	1556	1559	rBV2	252	353	0.01%	0.003%
61	11.628	1587	1595	1605	rBV	502728	863134	27.21%	6.742%
62	11.731	1608	1612	1618	rVV2	3065	5168	0.16%	0.040%
63	11.841	1624	1630	1634	rBV4	8132	14916	0.47%	0.117%
64	12.164	1675	1683	1690	rVB2	7928	13587	0.43%	0.106%
65	12.231	1690	1694	1695	rBV2	245	290	0.01%	0.002%
66	12.372	1715	1717	1720	rBV	396	361	0.01%	0.003%
67	12.463	1726	1732	1738	rVB5	3302	5236	0.17%	0.041%
68	12.609	1749	1756	1762	rVB	20497	33631	1.06%	0.263%
69	12.689	1762	1769	1777	rBV	176251	290143	9.15%	2.266%
70	12.865	1794	1798	1802	rBV	6425	10360	0.33%	0.081%
71	12.945	1806	1811	1816	rVB2	15405	24725	0.78%	0.193%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101419\
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Acq On : 14 Oct 2019 12:46
Operator : SY/VA
Sample : K5262-21
Misc : 4.24G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFBB1

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\SOM2WLM101019S.M
Title : VOC Analysis

72	13.024	1821	1824	1826	rBV2	747	578	0.02%	0.005%
73	13.103	1832	1837	1842	rBV3	3458	5490	0.17%	0.043%
74	13.249	1854	1861	1867	rBV2	25264	38393	1.21%	0.300%
75	13.353	1876	1878	1880	rBV	488	320	0.01%	0.002%
76	13.377	1880	1882	1884	rBV3	605	605	0.02%	0.005%
77	13.408	1884	1887	1888	rBV3	1356	1347	0.04%	0.011%
78	13.554	1905	1911	1922	rBV	366359	617279	19.46%	4.822%
79	13.646	1922	1926	1932	rVB3	6239	10544	0.33%	0.082%
80	13.713	1933	1937	1938	rBV4	3229	3341	0.11%	0.026%
81	13.755	1939	1944	1954	rVV2	52214	98038	3.09%	0.766%
82	13.853	1954	1960	1968	rVB	284896	464757	14.65%	3.630%
83	13.938	1969	1974	1981	rVB3	14655	24705	0.78%	0.193%
84	14.005	1982	1985	1988	rBV2	3659	5594	0.18%	0.044%
85	14.072	1990	1996	2005	rVB	95900	170706	5.38%	1.333%
86	14.158	2006	2010	2012	rBV3	2582	3824	0.12%	0.030%
87	14.207	2013	2018	2027	rVB	23039	38384	1.21%	0.300%
88	14.328	2031	2038	2044	rBV4	11028	21814	0.69%	0.170%
89	14.420	2044	2053	2056	rBV4	8272	18152	0.57%	0.142%
90	14.457	2056	2059	2063	rBV2	7001	9634	0.30%	0.075%
91	14.633	2083	2088	2092	rBV5	2786	4735	0.15%	0.037%
92	14.688	2092	2097	2101	rBV3	16846	27290	0.86%	0.213%
93	14.810	2109	2117	2122	rBV2	36147	67829	2.14%	0.530%
94	14.956	2137	2141	2146	rVB5	6639	10842	0.34%	0.085%
95	15.030	2148	2153	2154	rBV5	4719	6809	0.21%	0.053%
96	15.365	2200	2208	2218	rBV	1824963	3172074	100.00%	24.778%
97	15.493	2219	2229	2239	rVB	247213	500703	15.78%	3.911%
98	15.651	2250	2255	2263	rBV4	7571	14834	0.47%	0.116%
99	16.444	2377	2385	2397	rVB	303690	633315	19.97%	4.947%
100	16.645	2410	2418	2427	rVB	187905	423195	13.34%	3.306%

Sum of corrected areas: 12801749

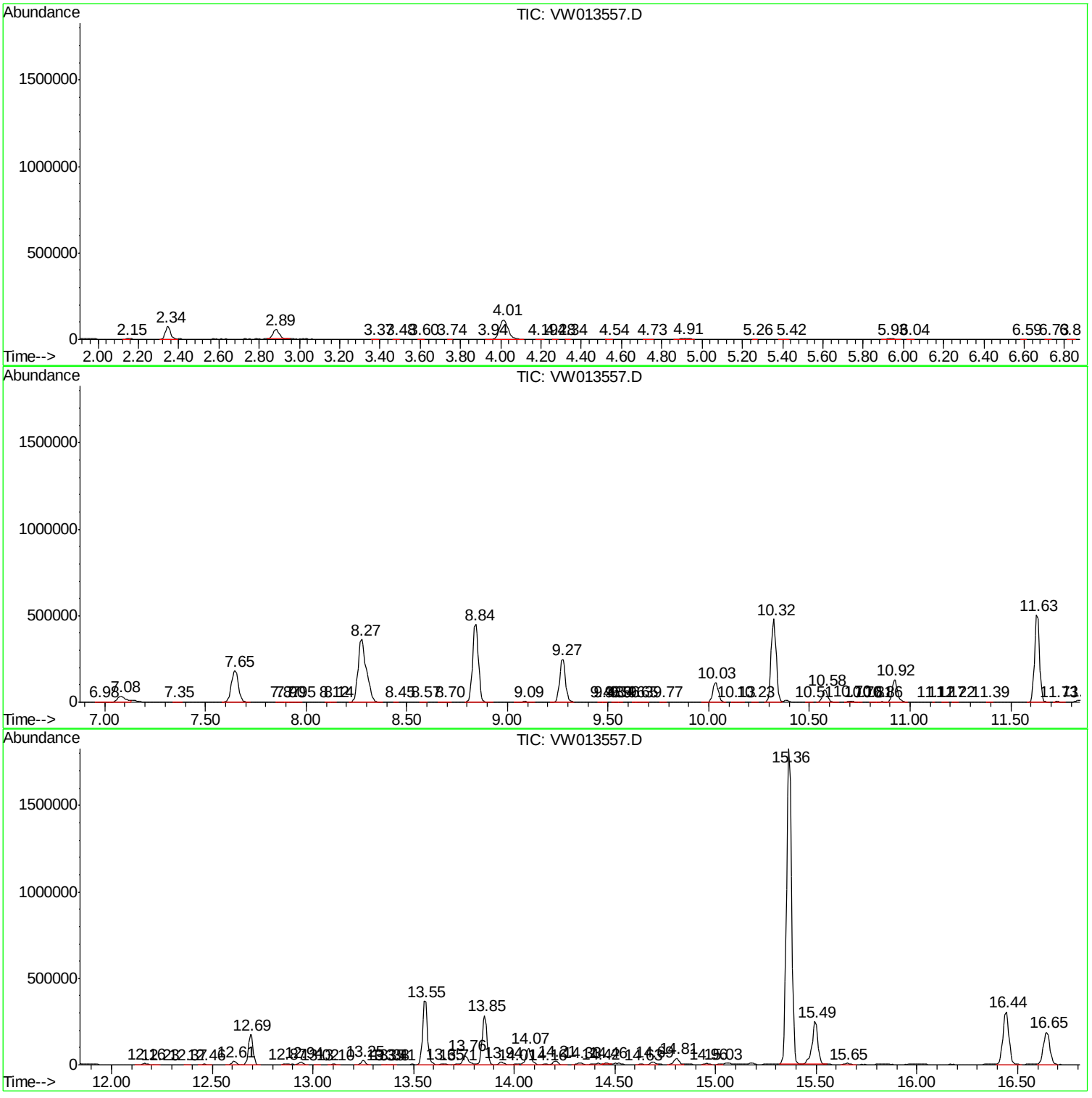
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101419\
Data File : VW013557.D
Acq On : 14 Oct 2019 12:46
Operator : SY/VA
Sample : K5262-21
Misc : 4.24G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFBB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.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\VW101419\
Data File : VW013557.D
Acq On : 14 Oct 2019 12:46
Operator : SY/VA
Sample : K5262-21
Misc : 4.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFBB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis

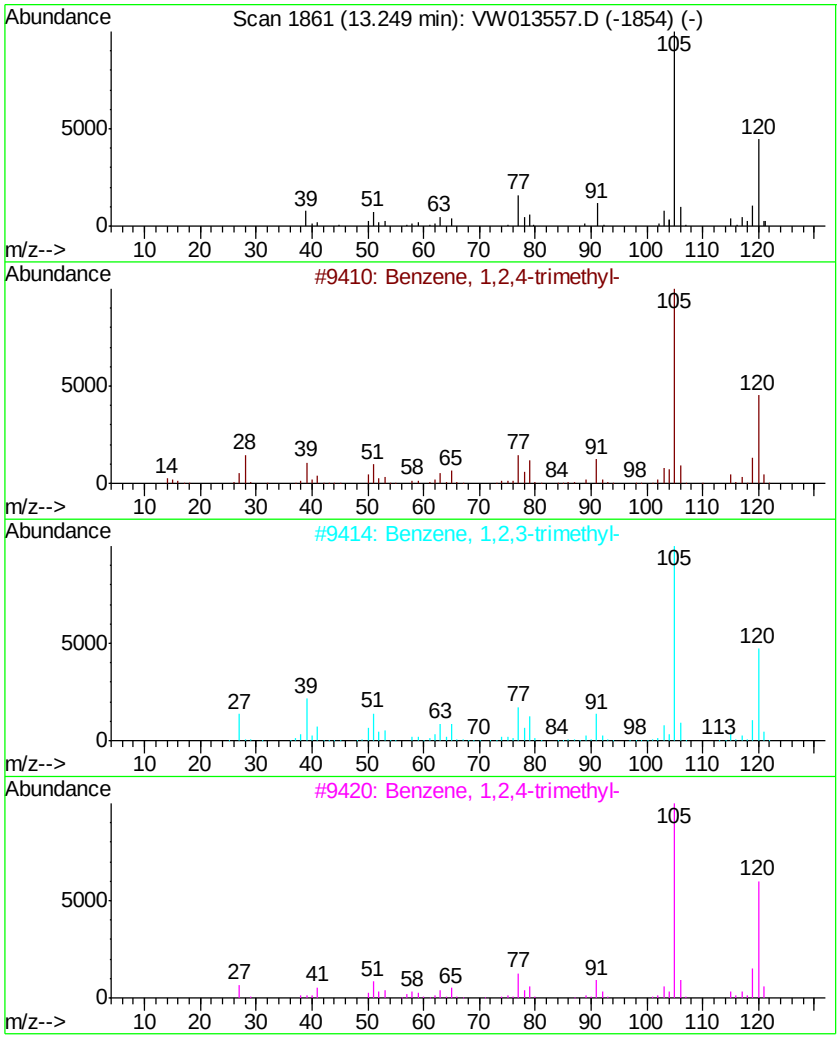
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

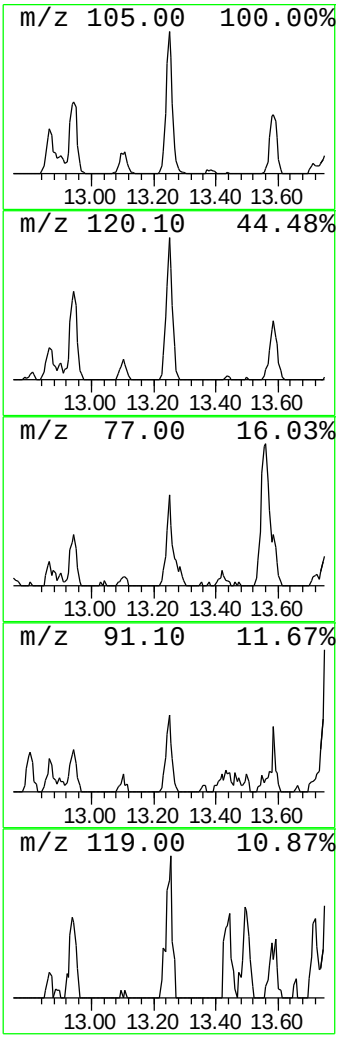
****

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	1.55 ug/L	38393	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101419\
Data File : VW013557.D
Acq On : 14 Oct 2019 12:46
Operator : SY/VA
Sample : K5262-21
Misc : 4.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFBB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis

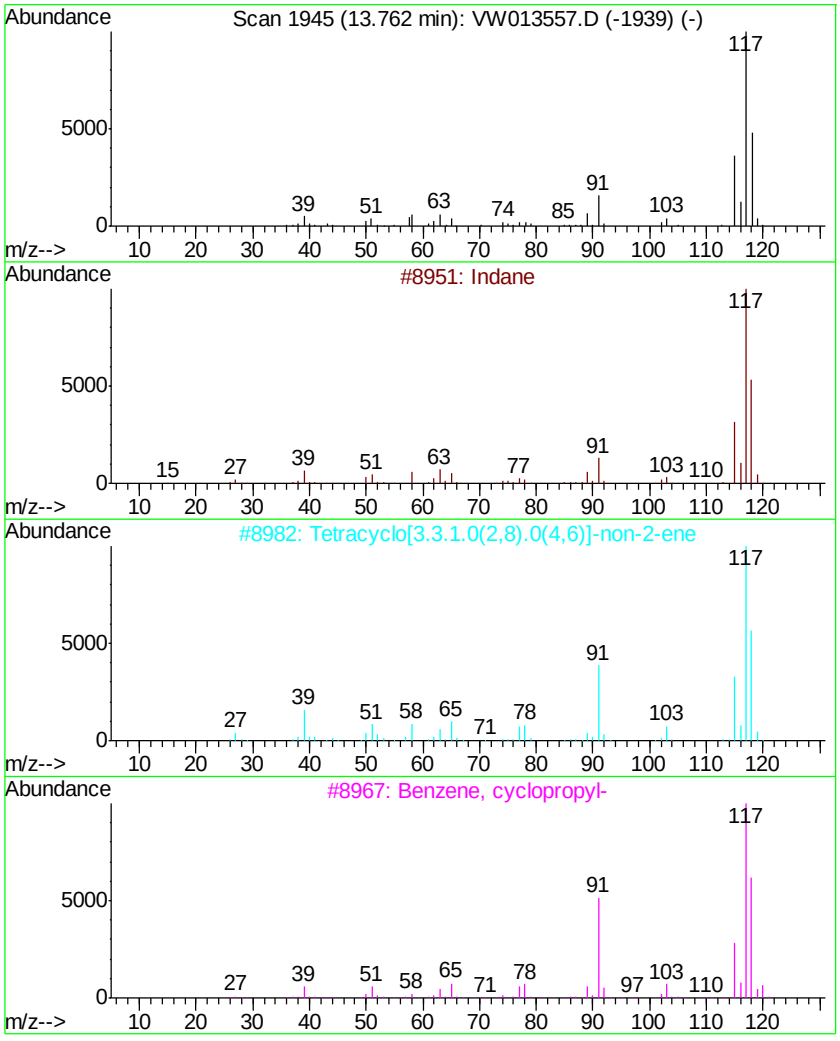
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

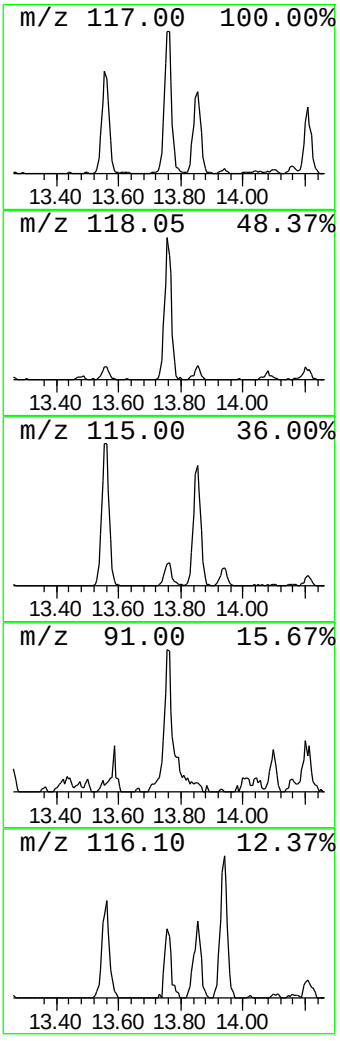
****

Peak Number 4 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.97 ug/L	98038	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Indane	118	C9H10	000496-11-7	64
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	64





Library Search Compound Report

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis

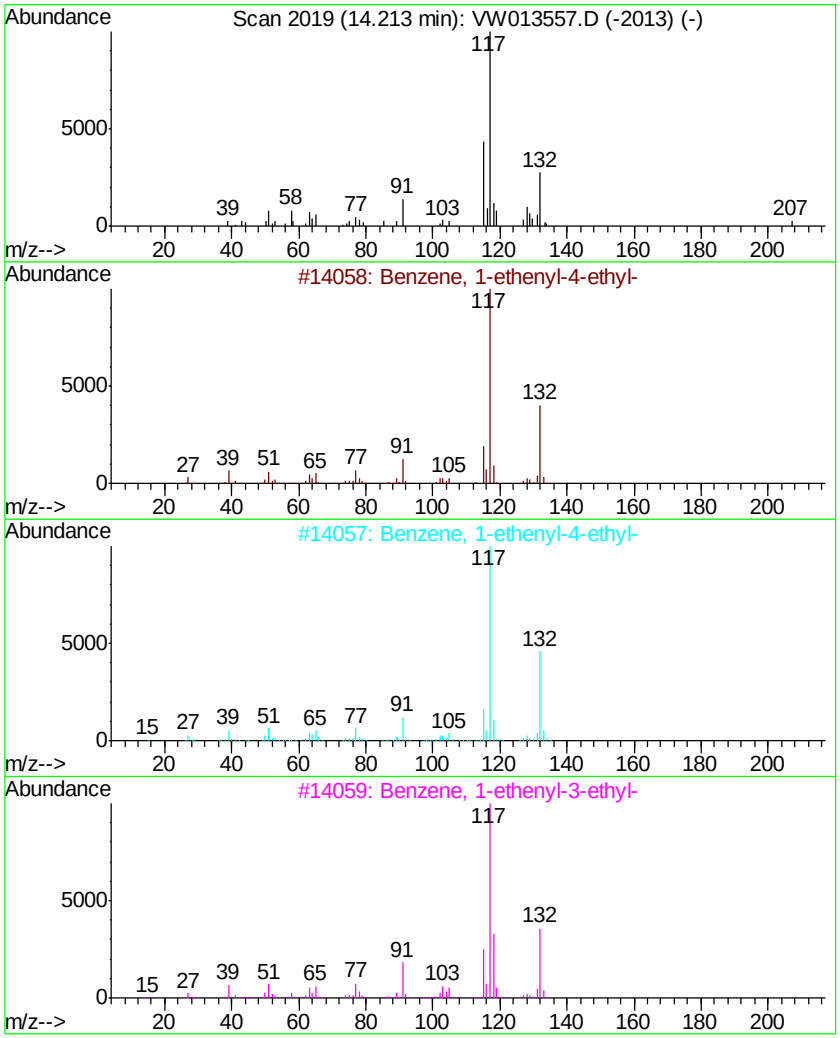
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

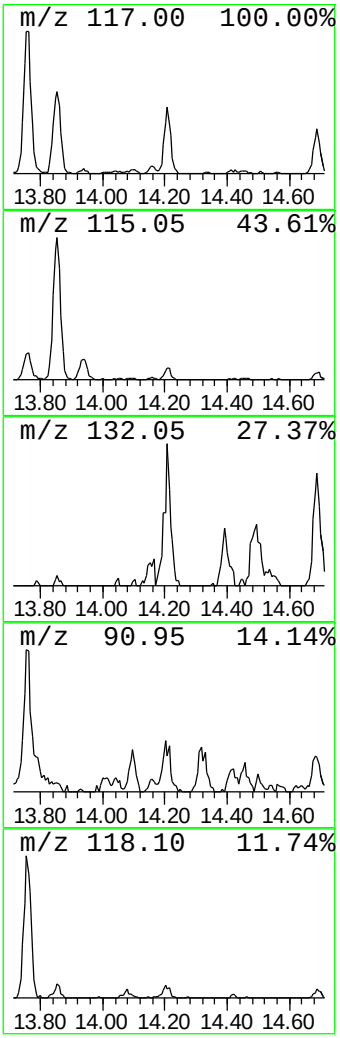
****

Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	1.55 ug/L	38384	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	72
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	72
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	64
5	Indan, 1-methyl-	132	C10H12	000767-58-8	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101419\
Data File : VW013557.D
Acq On : 14 Oct 2019 12:46
Operator : SY/VA
Sample : K5262-21
Misc : 4.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFBB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis

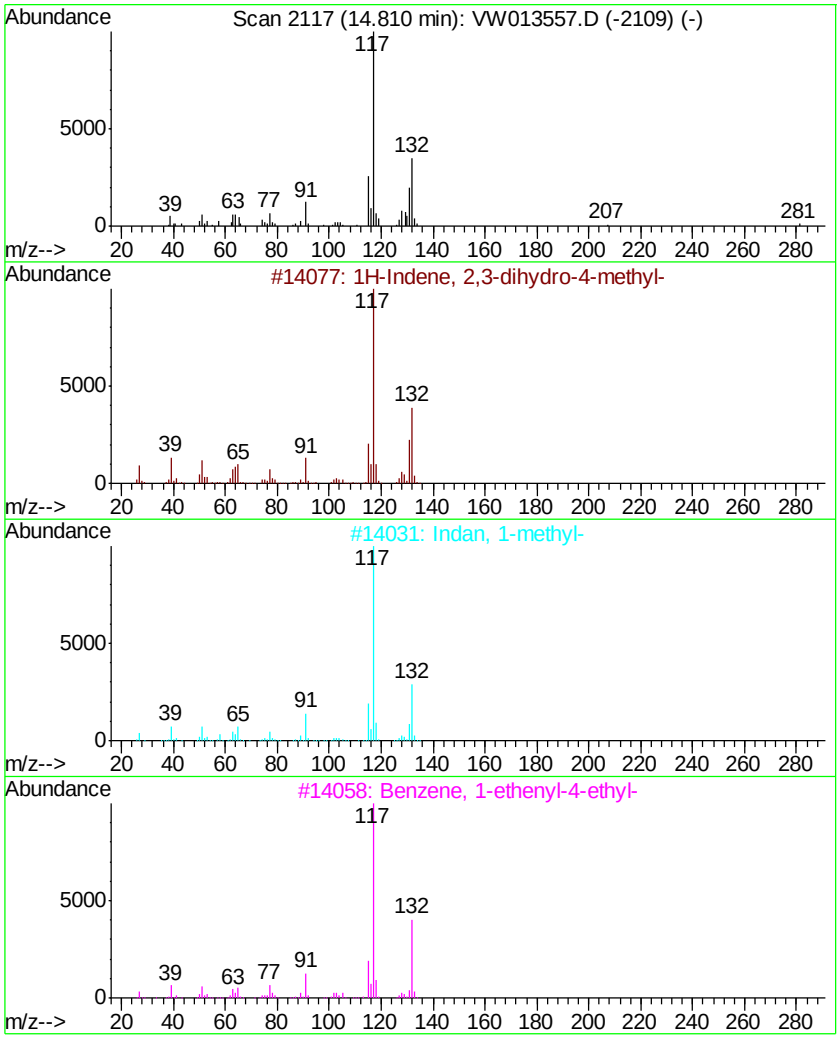
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

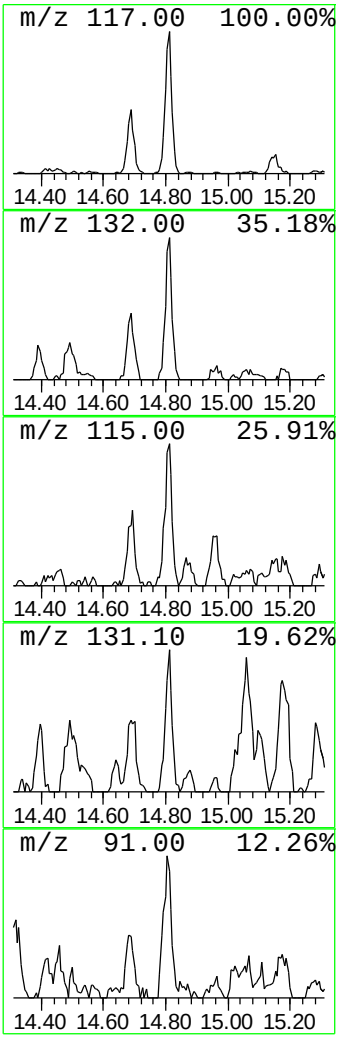
****

Peak Number 7 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	2.75 ug/L	67829	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	83
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Indan, 1-methyl-	132	C10H12	000767-58-8	74
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101419\
Data File : VW013557.D
Acq On : 14 Oct 2019 12:46
Operator : SY/VA
Sample : K5262-21
Misc : 4.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFBB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis

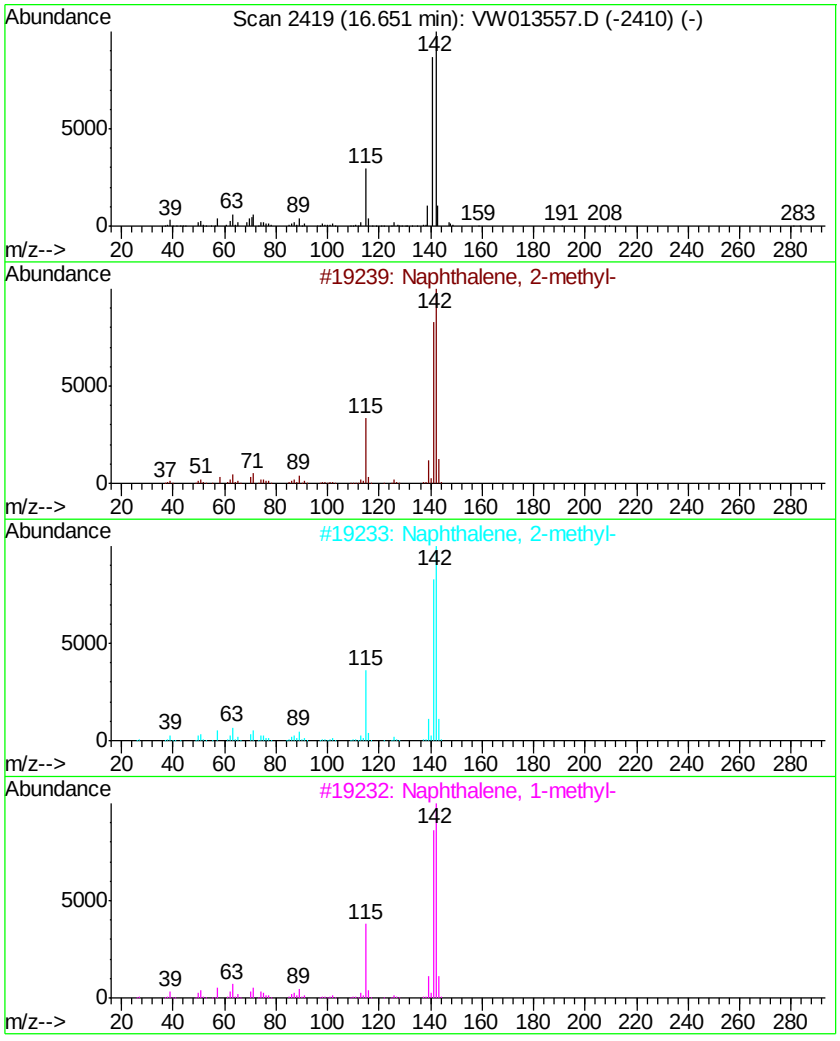
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

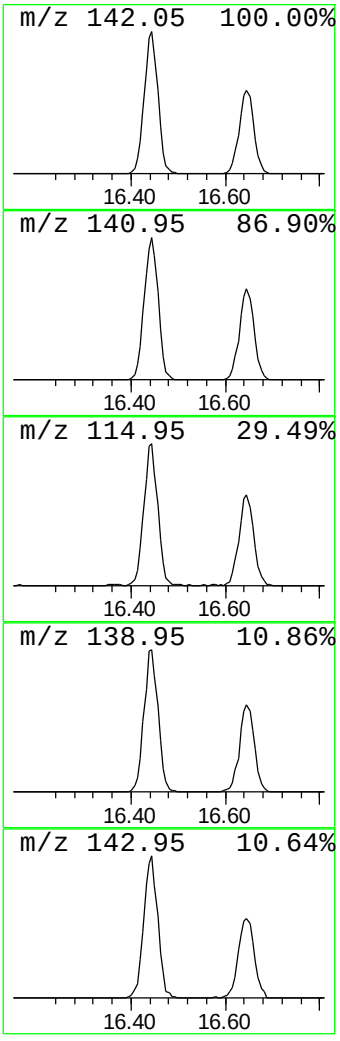
****

Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	17.14 ug/L	423195	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101419\
Data File : VW013557.D
Acq On : 14 Oct 2019 12:46
Operator : SY/VA
Sample : K5262-21
Misc : 4.24G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFBB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.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, 1,2,4-tr...	13.25	1.6	ug/L	38393	3	13.56	617279	25.0
Indane	13.76	4.0	ug/L	98038	3	13.56	617279	25.0
Benzene, 1-etheny...	14.21	1.6	ug/L	38384	3	13.56	617279	25.0
1H-Indene, 2,3-di...	14.81	2.8	ug/L	67829	3	13.56	617279	25.0
Naphthalene, 1-me...	16.65	17.1	ug/L	423195	3	13.56	617279	25.0