LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032019\
Data File : VF062036.D
Acq On : 20 Mar 2019 13:18
Operator : VA/AP
Sample : K1989-01
Misc : 5.09g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : DRUM-1-2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\82F031619S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.065	43	44	49	rVB3	6916	13360	1.60%	0.231%
2	1.794	111	118	119	rBV3	3860	11123	1.33%	0.192%
3	2.169	151	156	159	rBV4	6841	21272	2.54%	0.367%
4	2.366	174	176	179	rVB2	6419	11684	1.40%	0.202%
5	4.092	344	351	360	rBV2	123064	386149	46.15%	6.667%
6	4.841	419	427	437	rBV2	238554	836794	100.00%	14.447%
7	5.571	494	501	512	rBV	265151	740357	88.48%	12.782%
8	6.242	563	569	576	rBV3	6334	23796	2.84%	0.411%
9	6.419	582	587	591	rBV5	7062	23766	2.84%	0.410%
10	6.794	622	625	629	rVB2	3918	9477	1.13%	0.164%
11	7.119	654	658	662	rBV2	6395	16195	1.94%	0.280%
12	7.533	694	700	713	rVB	358774	825489	98.65%	14.252%
13	9.752	920	925	935	rBV	333631	736871	88.06%	12.722%
14	11.399	1087	1092	1098	rBV	305529	546564	65.32%	9.436%
15	11.645	1115	1117	1120	rBV3	8844	13701	1.64%	0.237%
16	12.188	1169	1172	1178	rVB2	15287	26811	3.20%	0.463%
17	12.276	1178	1181	1184	rBV4	4763	11016	1.32%	0.190%
18	12.444	1196	1198	1201	rVB3	6483	9546	1.14%	0.165%
19	12.533	1204	1207	1216	rVB	482264	771067	92.15%	13.312%
20	12.799	1231	1234	1239	rVB5	24419	48396	5.78%	0.836%
21	12.927	1244	1247	1252	rBV5	6848	17548	2.10%	0.303%
22	12.996	1252	1254	1258	rVB3	6563	10317	1.23%	0.178%
23	13.075	1258	1262	1263	rBV3	6067	14530	1.74%	0.251%
24	13.184	1270	1273	1277	rBV6	7240	17285	2.07%	0.298%
25	13.272	1280	1282	1285	rVB2	10481	15191	1.82%	0.262%
26	13.361	1289	1291	1294	rVB3	6209	8798	1.05%	0.152%
27	13.410	1294	1296	1301	rBV3	4114	9254	1.11%	0.160%
28	13.529	1305	1308	1310	rBV3	7508	13336	1.59%	0.230%
29	13.558	1310	1311	1316	rVB4	4838	9461	1.13%	0.163%
30	13.696	1321	1325	1328	rBV	65445	89011	10.64%	1.537%
31	13.834	1337	1339	1344	rBV5	21360	43735	5.23%	0.755%
32	13.903	1344	1346	1349	rVB3	6291	10396	1.24%	0.179%
33	13.953	1349	1351	1354	rVB2	13233	19534	2.33%	0.337%
34	14.061	1358	1362	1365	rVB4	4279	11093	1.33%	0.192%

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Title : SW846 8260

35	14.140	1365	1370	1372	rBV6	13254	29961	3.58%	0.517%
36	14.199	1374	1376	1380	rVB4	11986	18784	2.24%	0.324%
37	14.397	1393	1396	1398	rBV3	8024	13550	1.62%	0.234%
38	14.446	1398	1401	1404	rBV3	41472	57404	6.86%	0.991%
39	14.722	1426	1429	1433	rBV4	22384	33197	3.97%	0.573%
40	14.978	1453	1455	1459	rBV4	13223	26985	3.22%	0.466%
41	15.028	1459	1460	1464	rVB4	6584	8447	1.01%	0.146%
42	15.097	1464	1467	1470	rBV4	24466	46888	5.60%	0.809%
43	15.146	1470	1472	1476	rVB5	9887	16052	1.92%	0.277%
44	15.264	1482	1484	1487	rBV3	10125	12550	1.50%	0.217%
45	15.323	1487	1490	1494	rBV6	7721	18730	2.24%	0.323%
46	15.392	1494	1497	1500	rVB4	6270	13309	1.59%	0.230%
47	15.619	1518	1520	1525	rVB6	9971	21465	2.57%	0.371%
48	15.797	1535	1538	1542	rVB6	8329	18936	2.26%	0.327%
49	16.073	1560	1566	1569	rBV2	37168	83062	9.93%	1.434%

Sum of corrected areas: 5792243

LSC Report - Integrated Chromatogram

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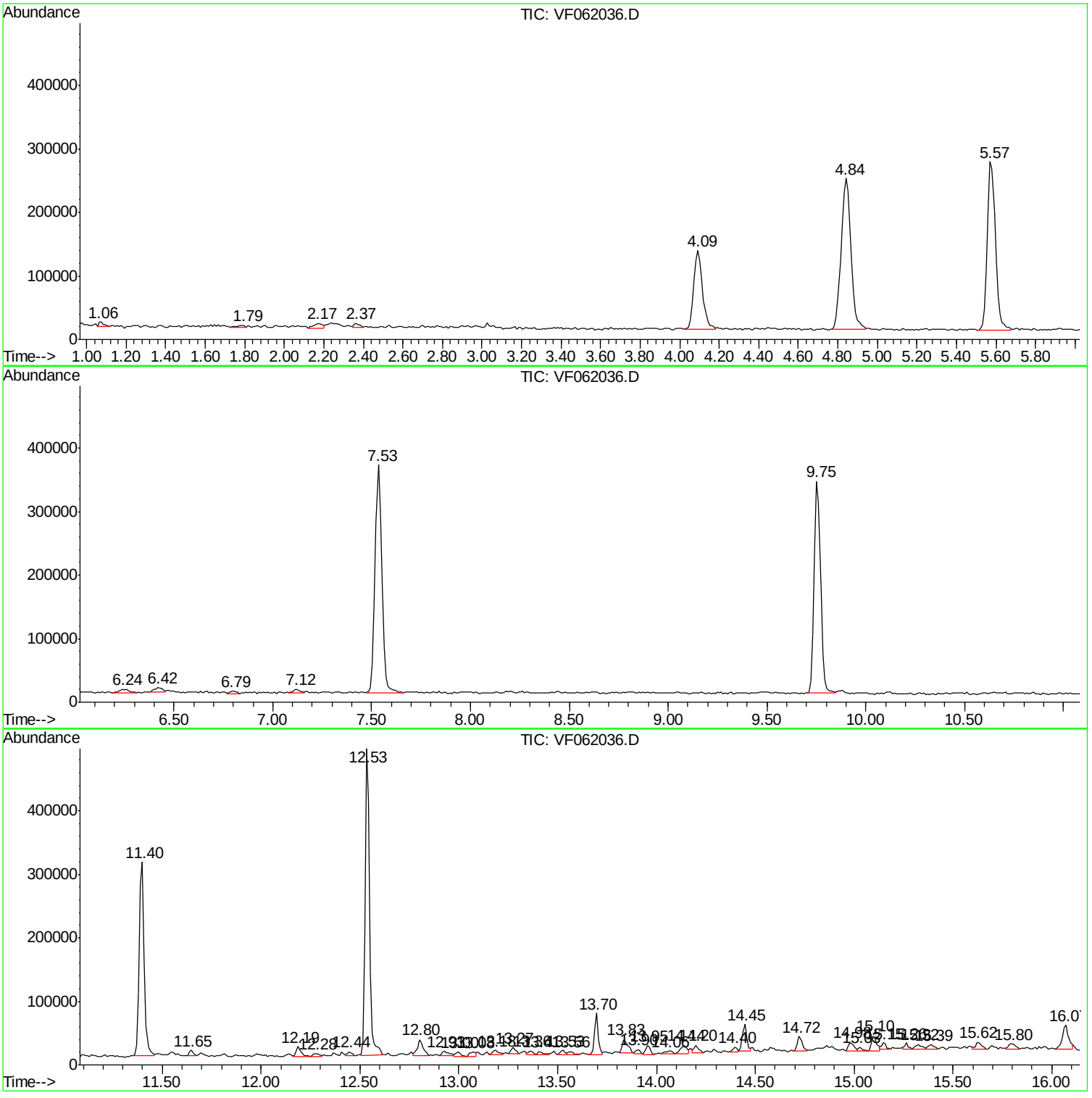
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
DRUM-1-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032019\
Data File : VF062036.D
Acq On : 20 Mar 2019 13:18
Operator : VA/AP
Sample : K1989-01
Misc : 5.09g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : DRUM-1-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260

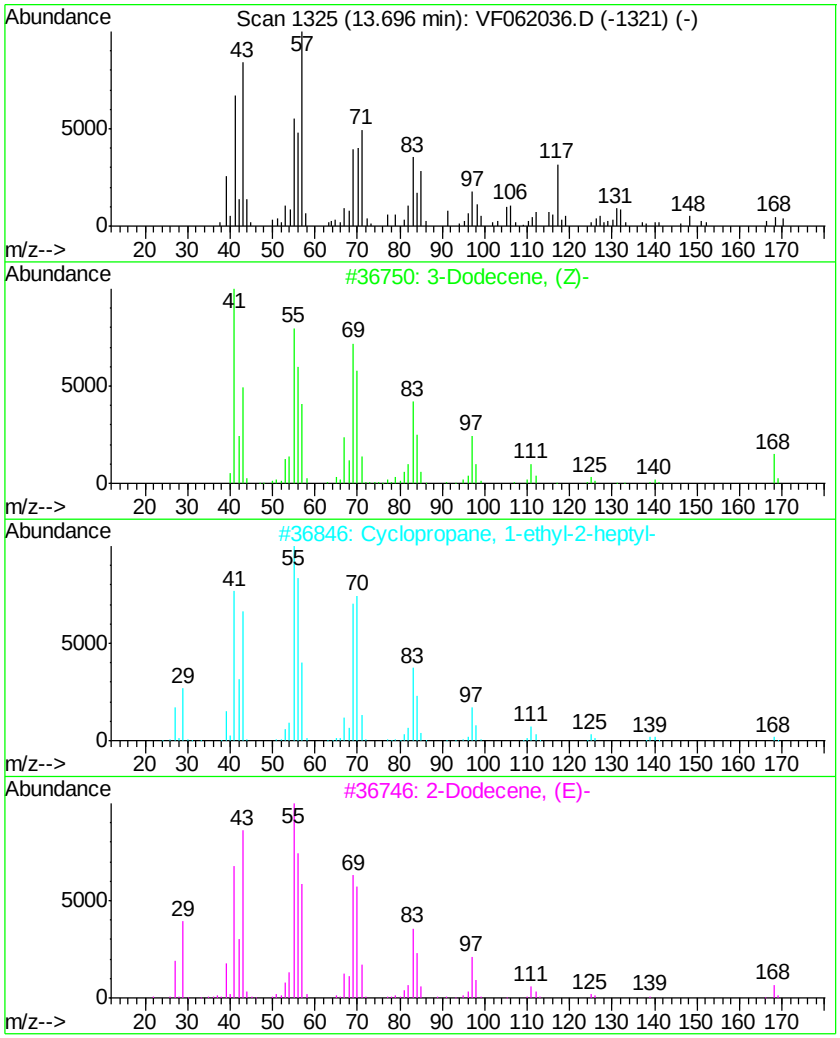
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

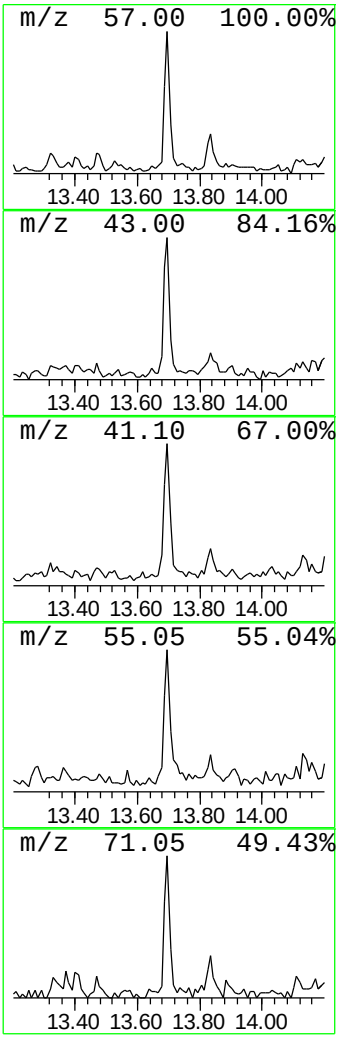
****

Peak Number 1 3-Dodecene, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	5.77 ug/l	89011	1,4-Dichlorobenzene-d4	12.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Dodecene, (Z)-	168	C12H24	007239-23-8	55
2	Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	55
3	2-Dodecene, (E)-	168	C12H24	007206-13-5	53
4	2-Dodecene, (Z)-	168	C12H24	007206-26-0	53
5	Cyclodecane	140	C10H20	000293-96-9	50





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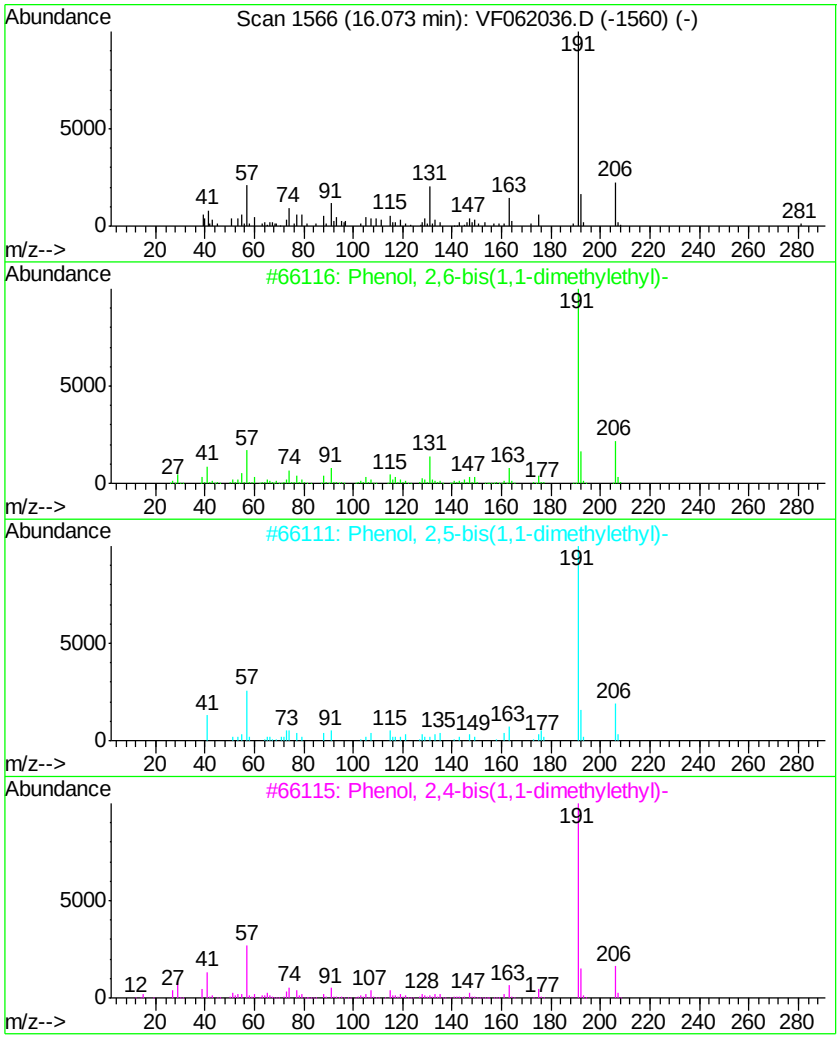
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260

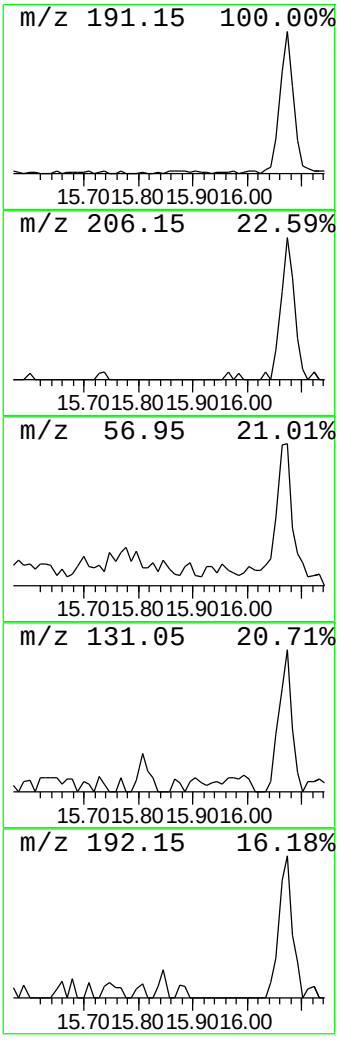
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	5.39 ug/l	83062	1,4-Dichlorobenzene-d4	12.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	91
2	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	81
3	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	74
4	Benzeneacetic acid, 4-(1,1-dimet...	206	C13H18O2	003549-23-3	72
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	68





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Dodecene, (Z)-	13.70	5.8	ug/l	89011	4	12.53	771067	50.0
Phenol, 2,6-bis(1...	16.07	5.4	ug/l	83062	4	12.53	771067	50.0