LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121318\
Data File : VD060561.D
Acq On : 13 Dec 2018 15:17
Operator : VA/AP
Sample : J6372-01
Misc : 5.17g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FP-SOIL-1

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_D\METHOD\82D120518S.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	1.625	7	10	23	rVB	227487	668343	14.79%	1.866%
2	3.160	159	166	174	rBV	82937	274989	6.09%	0.768%
3	3.318	178	182	189	rVB	25428	62295	1.38%	0.174%
4	3.711	217	222	231	rVB	56784	156555	3.47%	0.437%
5	4.508	297	303	311	rVB2	19570	59835	1.32%	0.167%
6	5.611	408	415	423	rBV3	16287	59308	1.31%	0.166%
7	6.309	481	486	488	rBV	32212	85253	1.89%	0.238%
8	6.388	488	494	513	rVB	1356933	3605844	79.82%	10.070%
9	6.762	526	532	543	rBV	523199	1301141	28.80%	3.634%
10	7.421	593	599	618	rBV	1823901	4357628	96.46%	12.170%
11	9.429	798	803	810	rBV	1705329	3868561	85.63%	10.804%
12	9.527	810	813	820	rVB	64336	139729	3.09%	0.390%
13	10.610	916	923	927	rBV	20203	46496	1.03%	0.130%
14	11.269	985	990	1000	rBV	2334763	4125614	91.32%	11.522%
15	11.407	1000	1004	1011	rVB	766292	1192336	26.39%	3.330%
16	11.545	1014	1018	1023	rBV	2554047	4517627	100.00%	12.616%
17	11.791	1039	1043	1049	rBV	725186	1063661	23.54%	2.970%
18	11.919	1052	1056	1067	rVB	1075564	1536916	34.02%	4.292%
19	12.263	1087	1091	1095	rBV2	52126	85496	1.89%	0.239%
20	12.411	1103	1106	1114	rVB	1723454	2351973	52.06%	6.568%
21	12.627	1124	1128	1132	rBV	106628	154626	3.42%	0.432%
22	12.696	1132	1135	1137	rBV	371578	498803	11.04%	1.393%
23	12.726	1137	1138	1141	rVB	157302	146666	3.25%	0.410%
24	12.775	1141	1143	1146	rBV	172171	259549	5.75%	0.725%
25	12.932	1155	1159	1165	rBV	144716	217781	4.82%	0.608%
26	13.080	1171	1174	1177	rBV	774502	974325	21.57%	2.721%
27	13.119	1177	1178	1181	rVB	60695	50759	1.12%	0.142%
28	13.355	1196	1202	1205	rBV2	2303790	3332095	73.76%	9.306%
29	13.395	1205	1206	1212	rVB	194530	231730	5.13%	0.647%
30	13.542	1217	1221	1226	rBV2	79866	155029	3.43%	0.433%
31	13.611	1226	1228	1234	rBV2	50838	85062	1.88%	0.238%
32	14.507	1317	1319	1324	rVB2	48609	62689	1.39%	0.175%
33	14.959	1362	1365	1368	rBV	55347	78763	1.74%	0.220%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121318\
Data File : VD060561.D
Acq On : 13 Dec 2018 15:17
Operator : VA/AP
Sample : J6372-01
Misc : 5.17g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FP-SOIL-1

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_D\METHOD\82D120518S.M
Title : SW846 8260

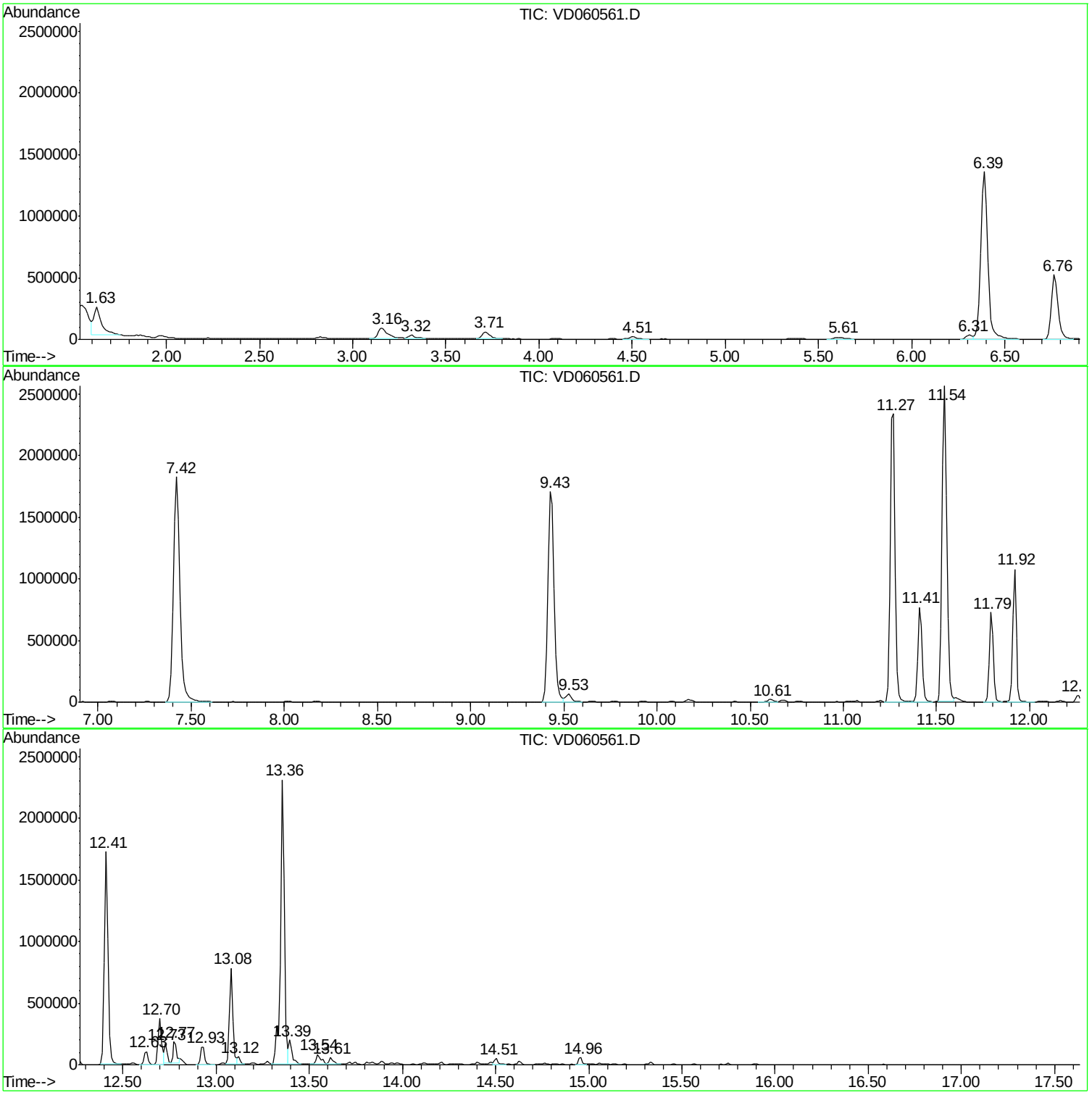
Sum of corrected areas: 35807477

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121318\
Data File : VD060561.D
Acq On : 13 Dec 2018 15:17
Operator : VA/AP
Sample : J6372-01
Misc : 5.17g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FP-SOIL-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.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 D\DATA\VD121318\
Data File : VD060561.D
Acq On : 13 Dec 2018 15:17
Operator : VA/AP
Sample : J6372-01
Misc : 5.17g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FP-SOIL-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260

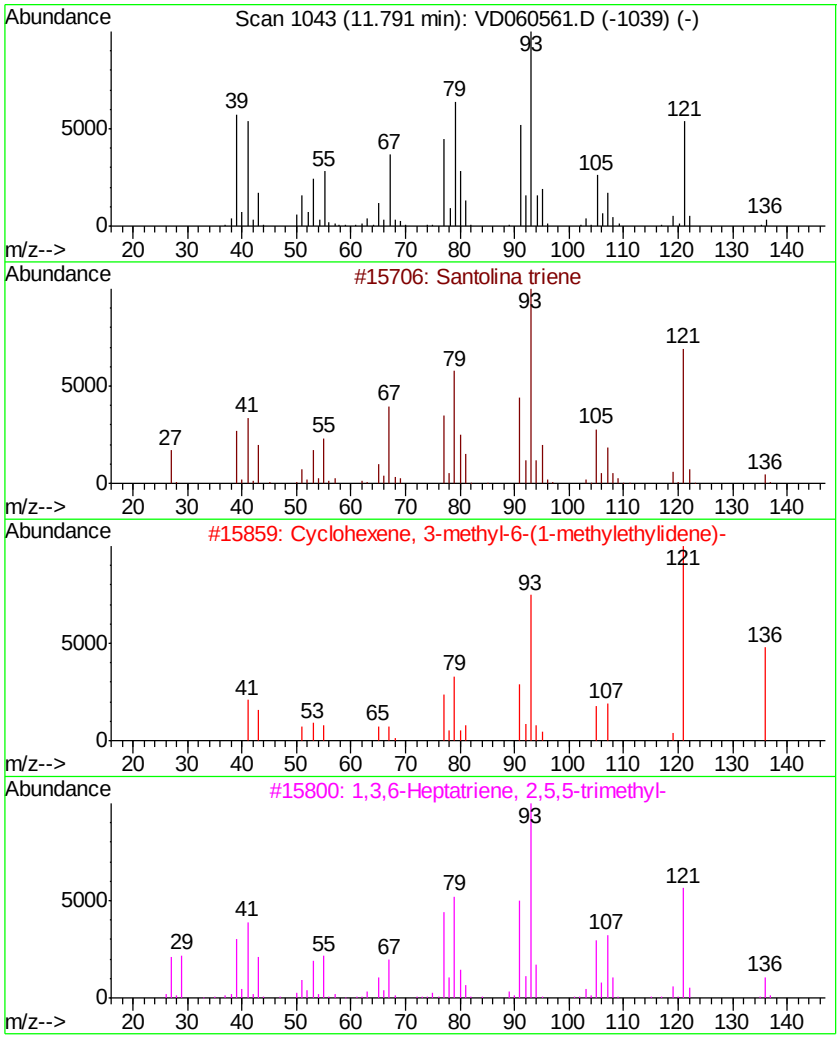
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

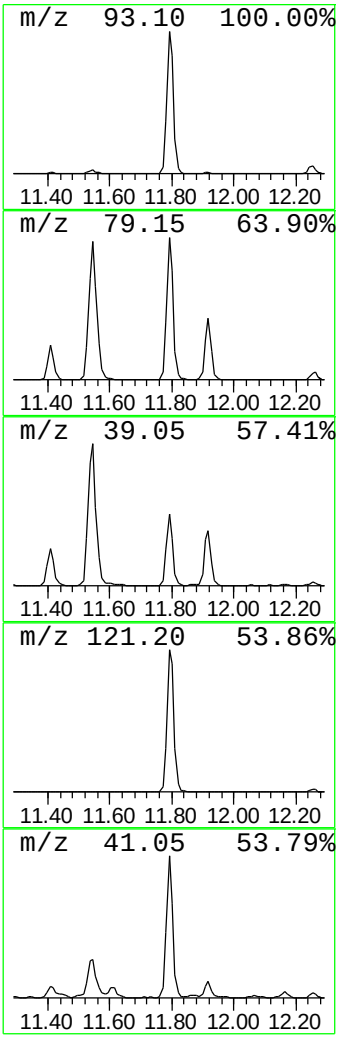
****

Peak Number 2 Santolina triene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	12.89 ug/l	1063660	Chlorobenzene-d5	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Santolina triene	136	C10H16	002153-66-4	96
2	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	87
3	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	72
4	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	58
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121318\
Data File : VD060561.D
Acq On : 13 Dec 2018 15:17
Operator : VA/AP
Sample : J6372-01
Misc : 5.17g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FP-SOIL-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260

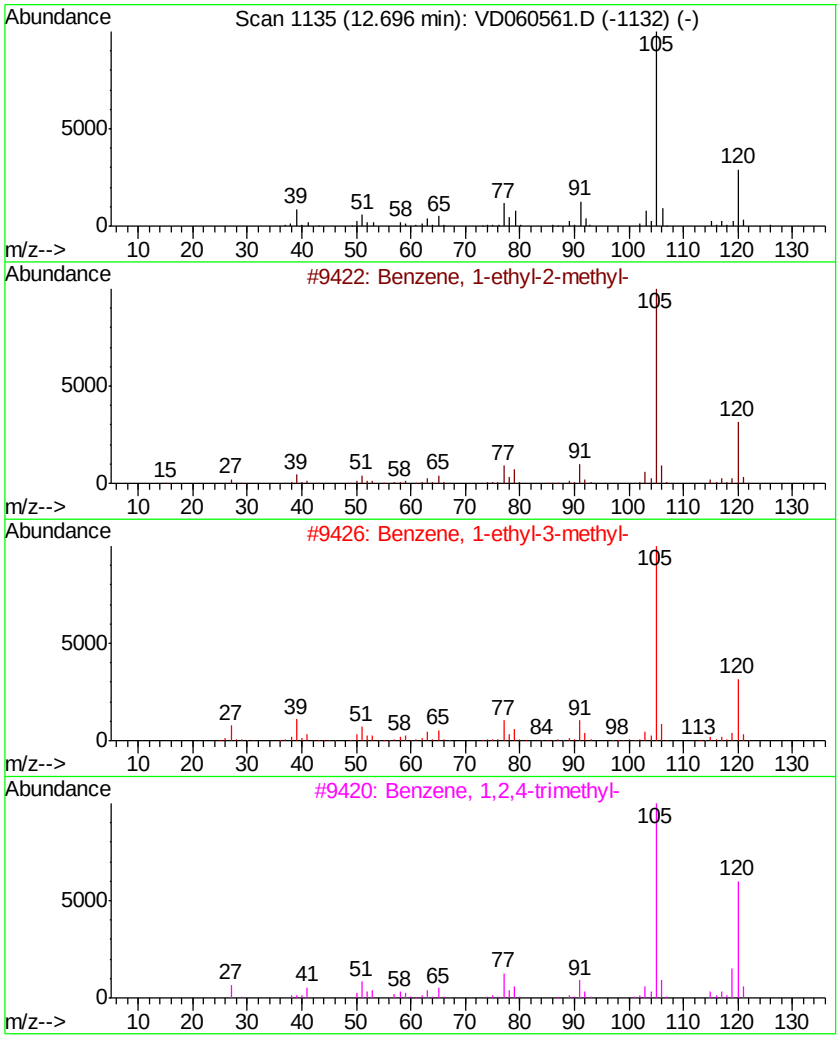
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

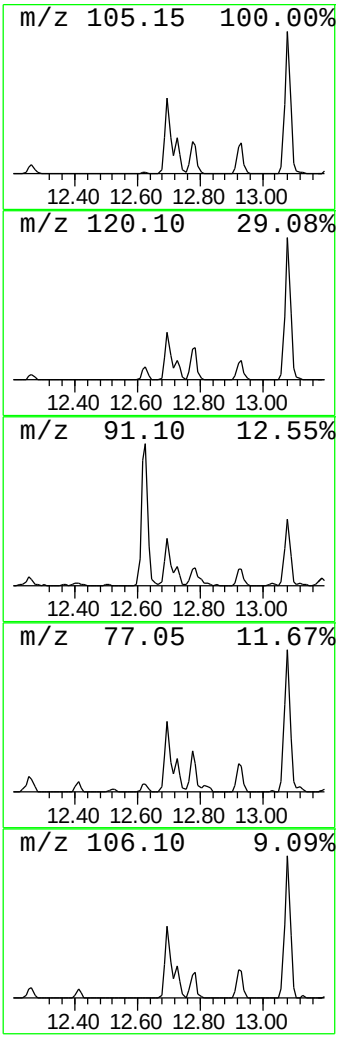
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	7.48 ug/l	498803	1,4-Dichlorobenzene-d4	13.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121318\
Data File : VD060561.D
Acq On : 13 Dec 2018 15:17
Operator : VA/AP
Sample : J6372-01
Misc : 5.17g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FP-SOIL-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
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
Santolina triene	11.79	12.9	ug/l	1063660	3	11.27	4125610	50.0
Benzene, 1-ethyl-...	12.70	7.5	ug/l	498803	4	13.36	3332100	50.0