LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
Data File : VF062641.D
Acq On : 17 May 2019 16:31
Operator : FY/SY
Sample : K2866-07
Misc : 6.70g/5mL/MSVOA F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : RO-COMP-3

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\82F051619S.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	2.287	174	178	180	rBV5	11678	31029	1.17%	0.138%
2	2.346	182	184	189	rVV2	43065	105394	3.98%	0.470%
3	2.415	189	191	195	rVV5	10052	26651	1.01%	0.119%
4	3.105	259	261	263	rBV	47951	42183	1.59%	0.188%
5	3.164	265	267	273	rVB	40625	55521	2.10%	0.248%
6	4.219	368	374	377	rBV2	36202	120585	4.55%	0.538%
7	4.308	377	383	392	rVB	388742	1176073	44.38%	5.244%
8	4.820	430	435	441	rBV9	11160	49365	1.86%	0.220%
9	5.047	451	458	470	rBV2	818648	2649727	100.00%	11.815%
10	5.776	525	532	542	rBV	999742	2615083	98.69%	11.660%
11	5.895	542	544	549	rVB2	18559	36255	1.37%	0.162%
12	7.708	721	728	733	rBV	869346	2107133	79.52%	9.396%
13	7.787	733	736	742	rVB	75629	175457	6.62%	0.782%
14	7.856	742	743	747	rBV	37166	30342	1.15%	0.135%
15	8.684	823	827	830	rBV	24146	57849	2.18%	0.258%
16	9.916	944	952	958	rBV	1120810	2492388	94.06%	11.113%
17	10.025	960	963	969	rVB3	22485	62065	2.34%	0.277%
18	10.262	983	987	992	rVB2	29273	60135	2.27%	0.268%
19	10.784	1033	1040	1041	rBV6	18898	45176	1.70%	0.201%
20	10.804	1041	1042	1046	rVB2	29631	50400	1.90%	0.225%
21	10.952	1052	1057	1064	rBV	1341681	2554595	96.41%	11.391%
22	11.040	1064	1066	1069	rVB	22608	26508	1.00%	0.118%
23	11.306	1090	1093	1098	rBV2	96022	180439	6.81%	0.805%
24	11.494	1109	1112	1118	rBV	709910	1267177	47.82%	5.650%
25	11.632	1122	1126	1128	rVV4	21304	43329	1.64%	0.193%
26	11.671	1128	1130	1134	rVV2	18959	41096	1.55%	0.183%
27	11.740	1134	1137	1140	rVV3	86812	172001	6.49%	0.767%
28	11.789	1140	1142	1146	rVB	54140	97631	3.68%	0.435%
29	11.898	1146	1153	1157	rVB4	31460	61931	2.34%	0.276%
30	12.272	1187	1191	1195	rVB	88498	137926	5.21%	0.615%
31	12.351	1195	1199	1206	rVB2	177943	299435	11.30%	1.335%
32	12.519	1210	1216	1220	rBV	59541	111399	4.20%	0.497%
33	12.617	1222	1226	1229	rVV	1161882	1828497	69.01%	8.153%
34	12.667	1229	1231	1234	rVB2	52549	86195	3.25%	0.384%

LSC Area Percent Report

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Sample : K2866-07
Misc : 6.70g/5mL/MSVOA F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : RO-COMP-3

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\82F051619S.M
Title : SW846 8260

35	12.775	1238	1242	1245	rBV	124604	225591	8.51%	1.006%
36	12.824	1245	1247	1249	rVV2	31647	51286	1.94%	0.229%
37	12.884	1249	1253	1257	rVB3	80286	160989	6.08%	0.718%
38	12.953	1257	1260	1262	rBV3	29834	39304	1.48%	0.175%
39	13.061	1268	1271	1275	rVB2	22134	38779	1.46%	0.173%
40	13.140	1275	1279	1283	rBV	62815	154930	5.85%	0.691%
41	13.209	1283	1286	1290	rVV	97815	153133	5.78%	0.683%
42	13.278	1290	1293	1296	rVV	49267	82721	3.12%	0.369%
43	13.327	1296	1298	1302	rVV2	37999	51130	1.93%	0.228%
44	13.465	1310	1312	1317	rVB	27883	40708	1.54%	0.182%
45	13.544	1317	1320	1322	rBV	83993	106197	4.01%	0.474%
46	13.583	1322	1324	1327	rVV	123453	176674	6.67%	0.788%
47	13.751	1336	1341	1344	rBV2	81884	122111	4.61%	0.544%
48	13.850	1349	1351	1353	rVV	42770	45105	1.70%	0.201%
49	13.899	1353	1356	1360	rVV2	127970	232379	8.77%	1.036%
50	14.126	1373	1379	1382	rBV4	21012	47967	1.81%	0.214%
51	14.195	1382	1386	1388	rBV4	20210	61113	2.31%	0.272%
52	14.254	1388	1392	1398	rVB6	26684	73094	2.76%	0.326%
53	14.372	1398	1404	1407	rBV	180944	286612	10.82%	1.278%
54	14.500	1410	1417	1419	rBV	86440	183700	6.93%	0.819%
55	14.540	1419	1421	1424	rVB4	18018	29624	1.12%	0.132%
56	14.628	1427	1430	1435	rBV3	30534	71737	2.71%	0.320%
57	14.747	1440	1442	1443	rBV	66717	51563	1.95%	0.230%
58	14.904	1454	1458	1460	rBV5	14062	32436	1.22%	0.145%
59	15.042	1469	1472	1476	rBV6	26529	37770	1.43%	0.168%
60	15.151	1478	1483	1484	rBV5	24852	62578	2.36%	0.279%
61	15.200	1485	1488	1492	rVV5	37781	75729	2.86%	0.338%
62	15.318	1497	1500	1503	rVB	131321	185976	7.02%	0.829%
63	15.446	1507	1513	1516	rBV3	97497	256017	9.66%	1.142%
64	15.594	1526	1528	1530	rBV2	26788	32519	1.23%	0.145%
65	15.851	1551	1554	1557	rBV3	97904	172801	6.52%	0.771%
66	15.989	1565	1568	1570	rBV3	45939	81543	3.08%	0.364%
67	16.038	1570	1573	1576	rVB	56149	106190	4.01%	0.473%

Sum of corrected areas: 22426976

LSC Report - Integrated Chromatogram

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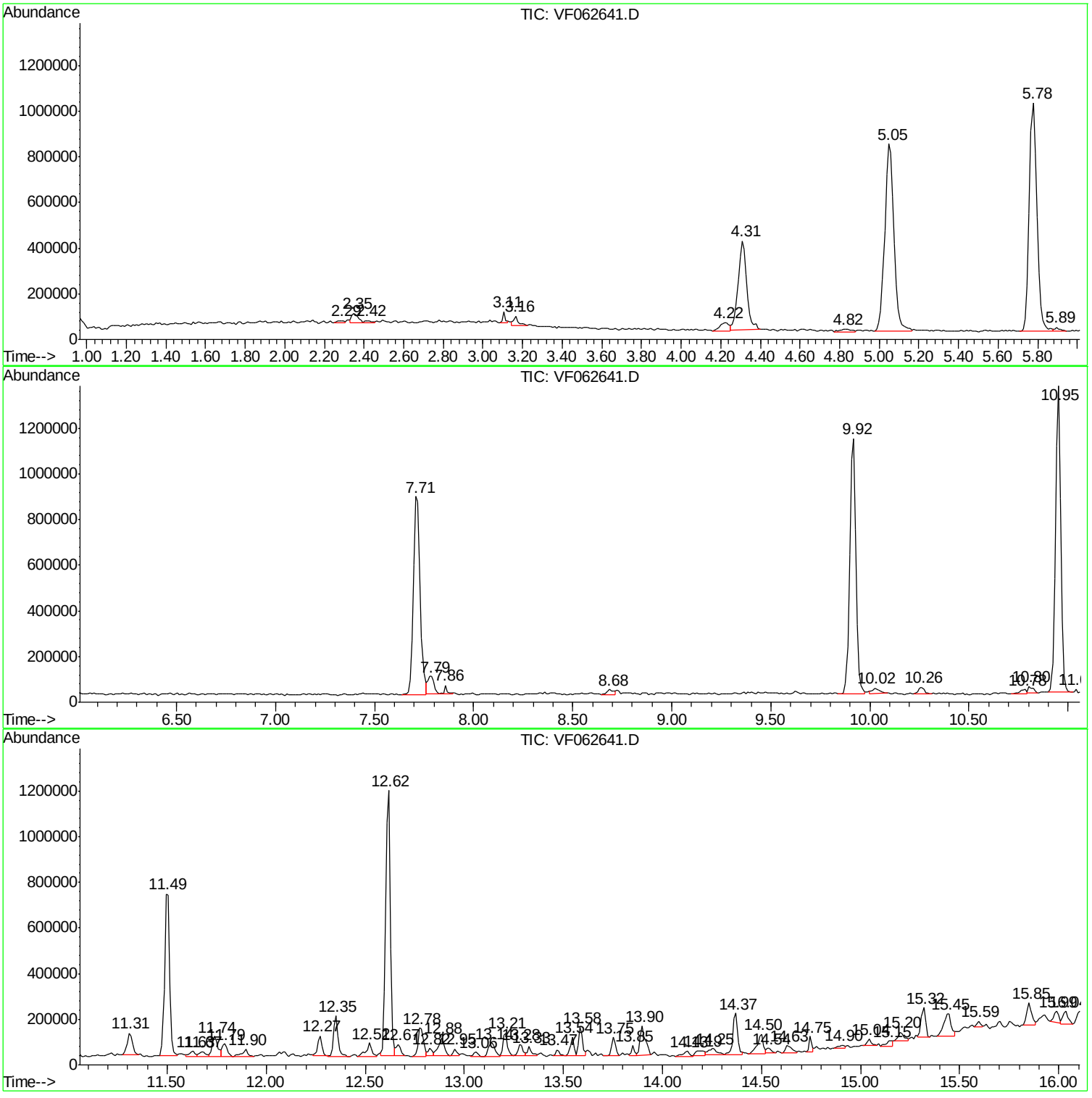
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
RO-COMP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Data File : VF062641.D
Acq On : 17 May 2019 16:31
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260

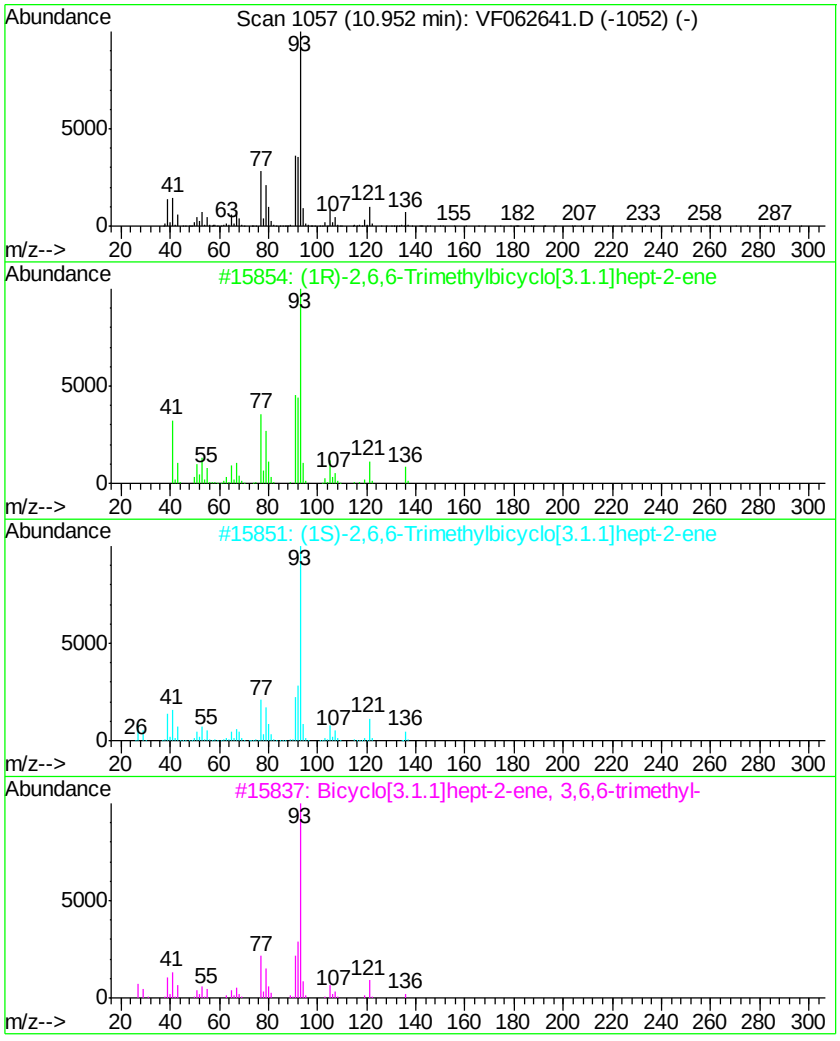
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

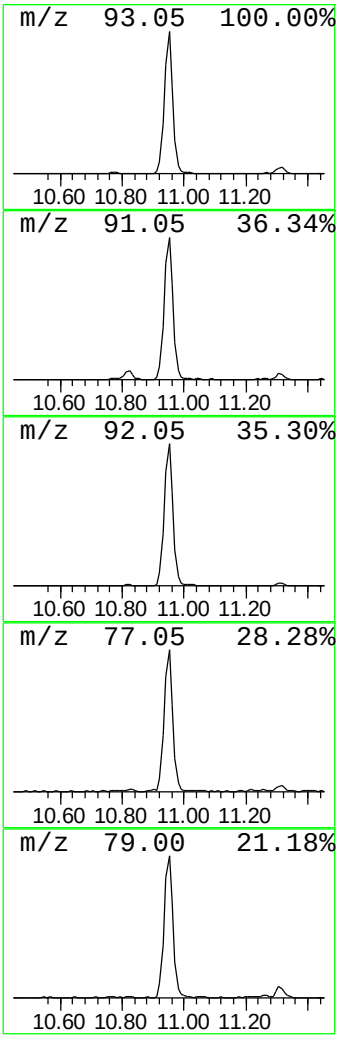
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	51.25 ug/l	2554600	Chlorobenzene-d5	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	.beta.-Pinene	136	C10H16	000127-91-3	87





Library Search Compound Report

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Data File : VF062641.D
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Operator : FY/SY
Sample : K2866-07
Misc : 6.70g/5mL/MSVOA F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : RO-COMP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260

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

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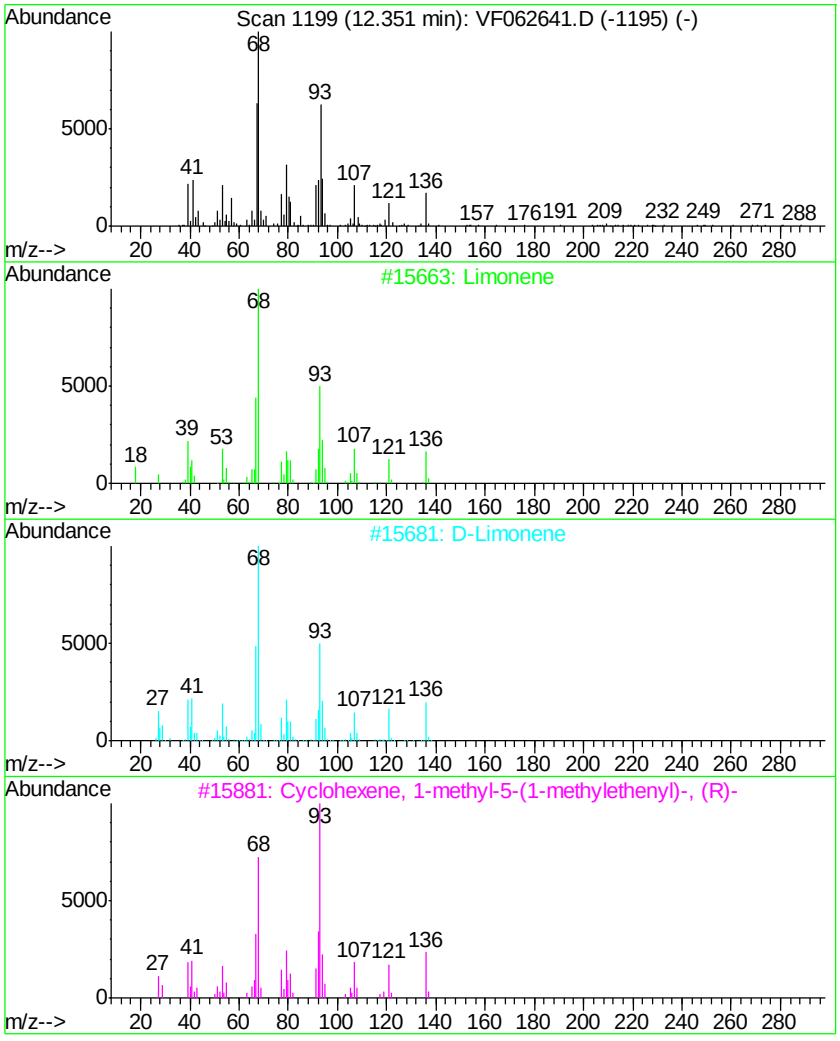
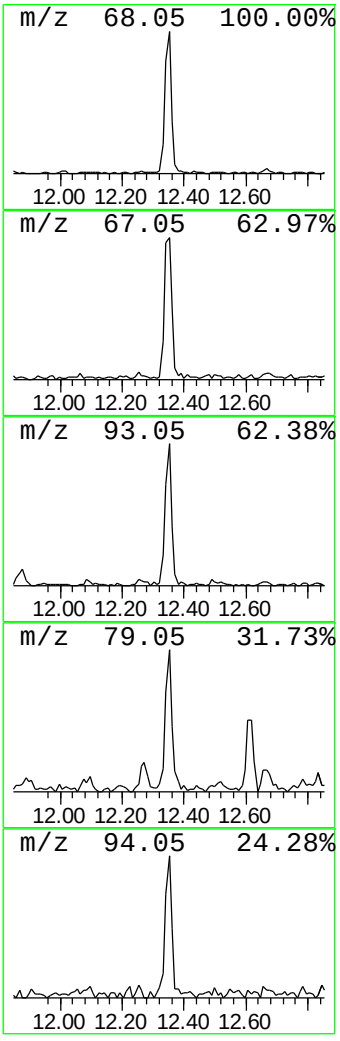
Peak Number 2 Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	8.19 ug/l	299435	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Limonene	136	C10H16	000138-86-3	94
2	D-Limonene	136	C10H16	005989-27-5	94
3	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	001461-27-4	90
4	Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	87
5	1,5-Cyclooctadiene, 1,6-dimethyl-	136	C10H16	003760-13-2	64





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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : RO-COMP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260

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

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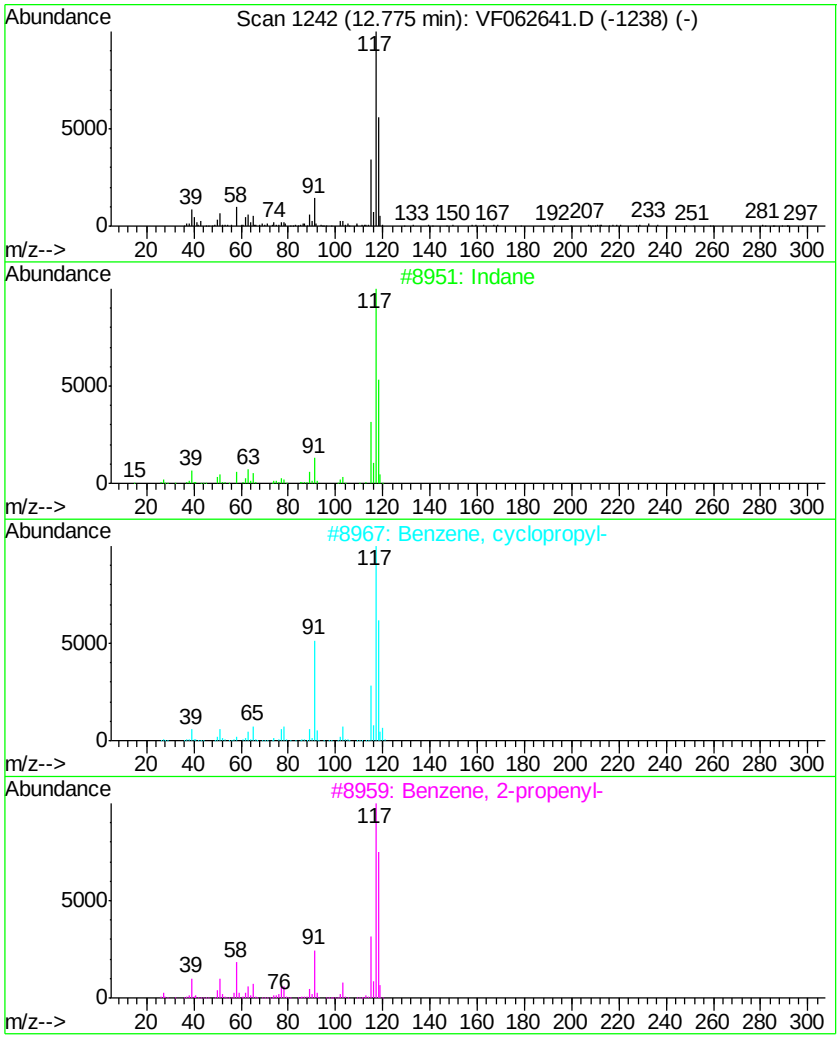
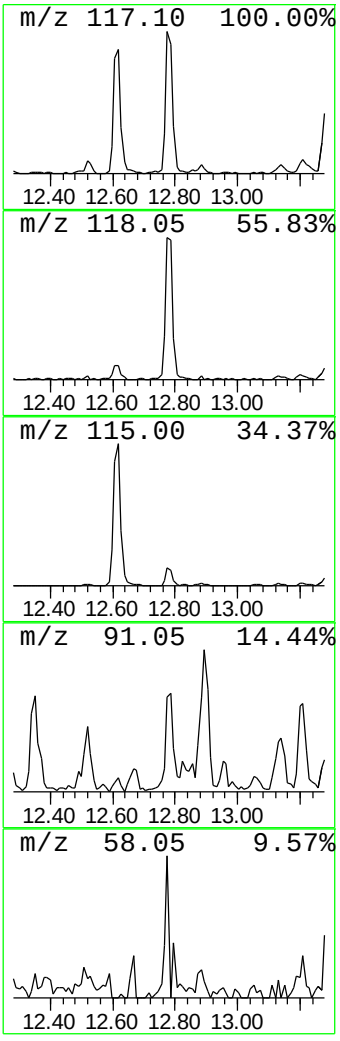
Peak Number 3 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	6.17 ug/l	225591	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	59





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Instrument : MSVOA_F
ClientSampleId : RO-COMP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260

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

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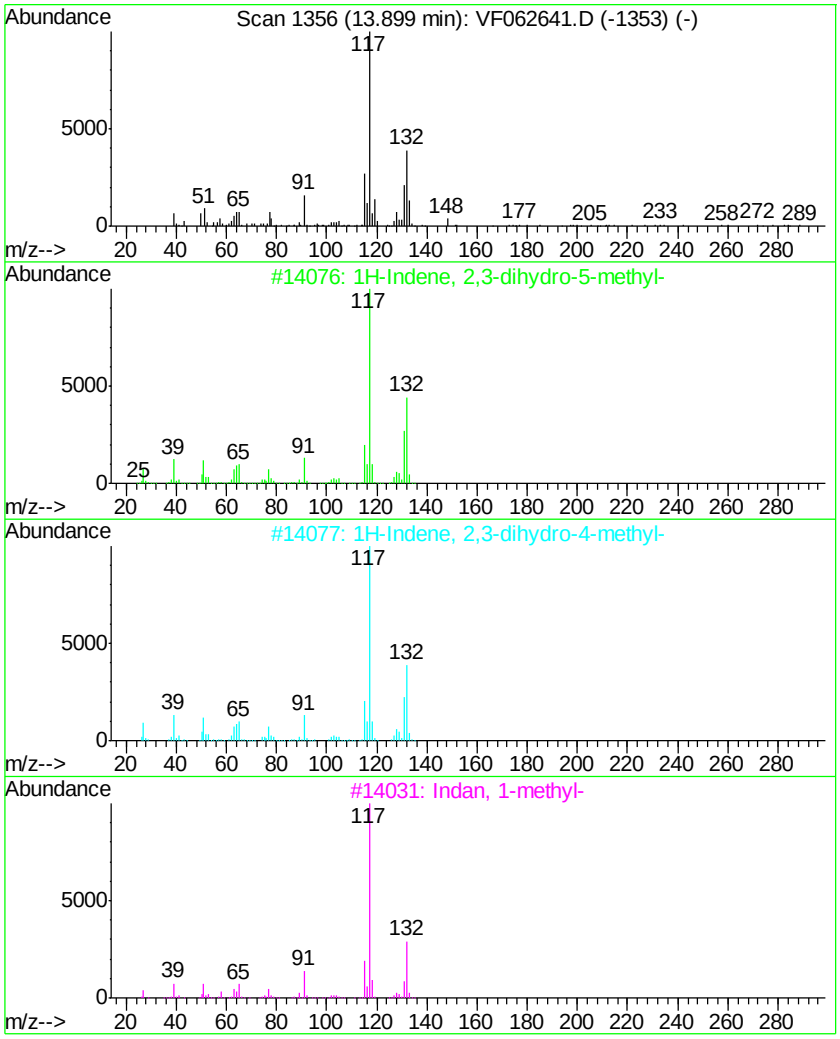
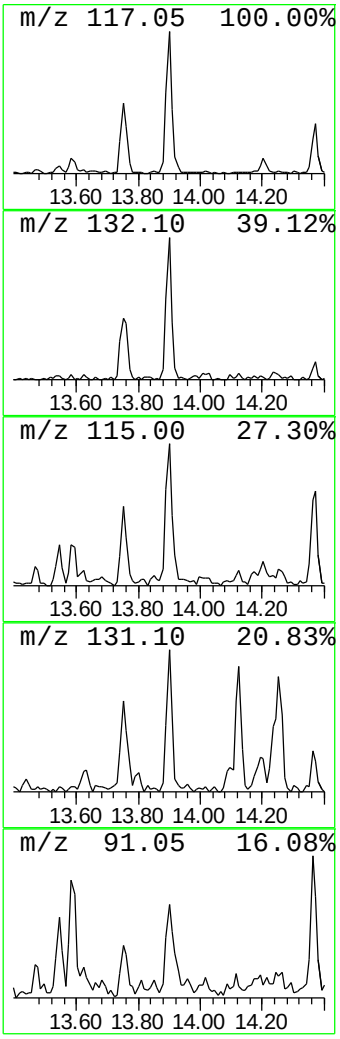
Peak Number 4 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	6.35 ug/l	232379	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
3	Indan, 1-methyl-	132	C10H12	000767-58-8	74
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	64
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	64





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260

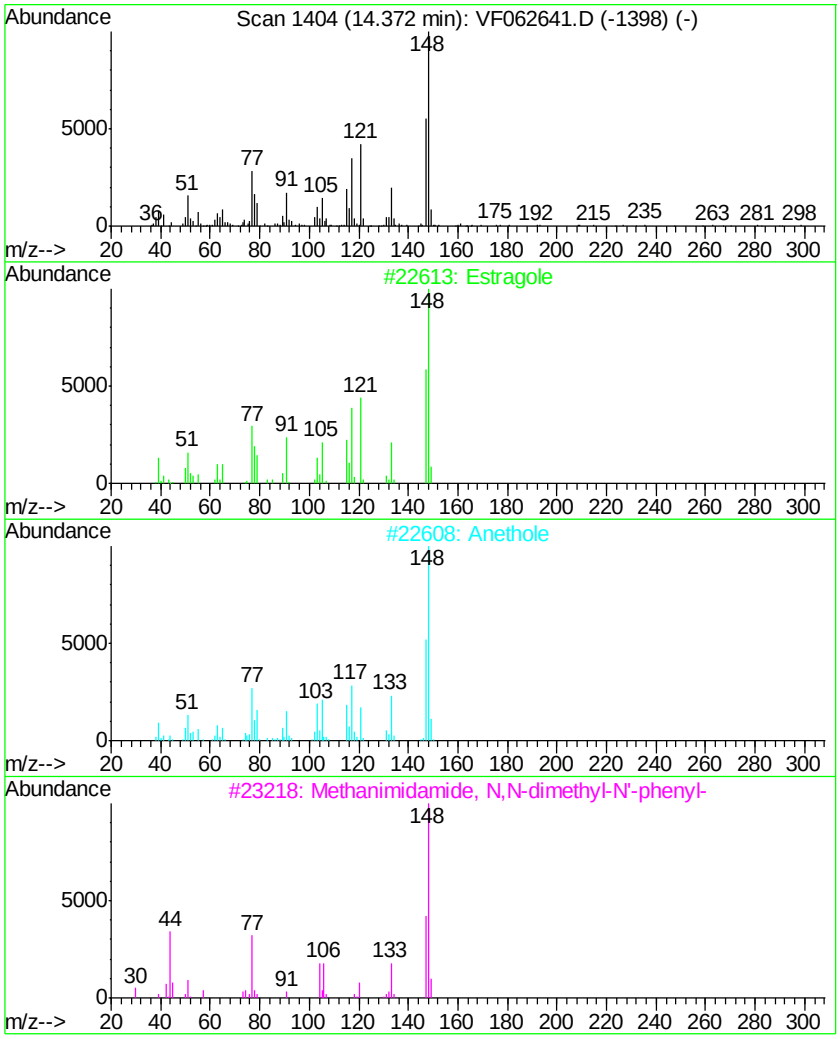
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

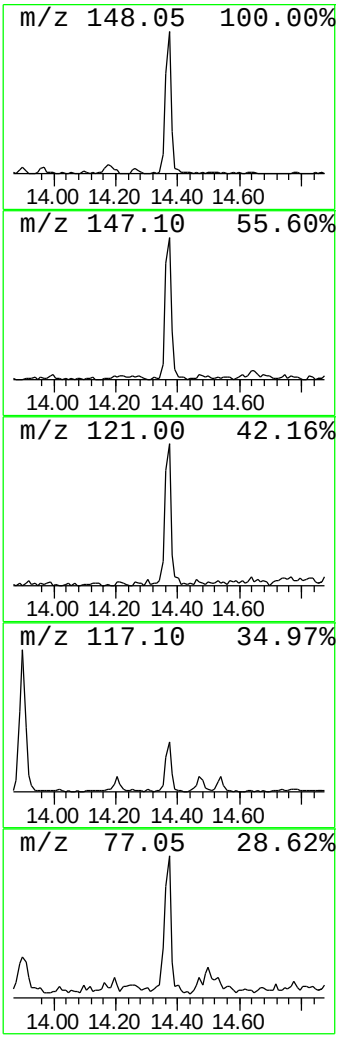
****

Peak Number 5 Estragole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	7.84 ug/l	286612	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Estragole	148	C10H12O	000140-67-0	98
2	Anethole	148	C10H12O	000104-46-1	86
3	Methanimidamide, N,N-dimethyl-N'...	148	C9H12N2	001783-25-1	53
4	2-Methyl-5,6,7,8-tetrahydroquino...	148	C9H12N2	038917-65-6	53
5	5-Methoxyindane	148	C10H12O	1000342-73-8	47





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260

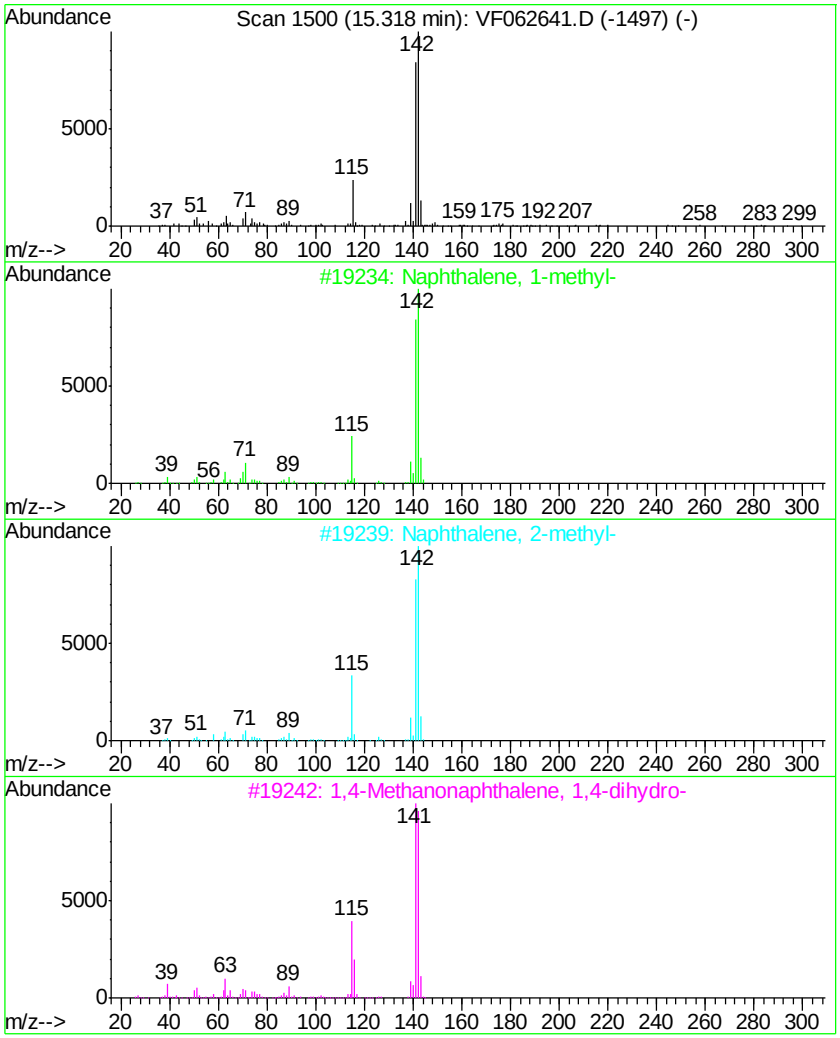
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

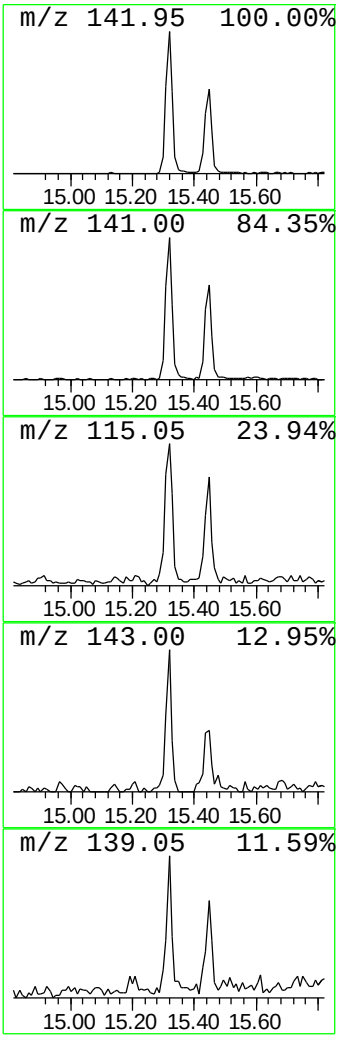
****

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	5.09 ug/l	185976	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Naphthalene, 1-(2-hydroxypropyl)	186	C13H14O	027653-13-0	83
5	Spiro(9-methylenetricyclo[6.2.1....	184	C13H12O	033929-47-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051719\
Data File : VF062641.D
Acq On : 17 May 2019 16:31
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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : RO-COMP-3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.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
(1R)-2,6,6-Trimet...	10.95	51.3	ug/l	2554600	3	9.92	2492390	50.0
Limonene	12.35	8.2	ug/l	299435	4	12.62	1828500	50.0
Indane	12.78	6.2	ug/l	225591	4	12.62	1828500	50.0
1H-Indene, 2,3-di...	13.90	6.3	ug/l	232379	4	12.62	1828500	50.0
Estragole	14.37	7.8	ug/l	286612	4	12.62	1828500	50.0
Naphthalene, 1-me...	15.32	5.1	ug/l	185976	4	12.62	1828500	50.0