LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
Data File : VD062969.D
Acq On : 28 Jun 2019 16:42
Operator : VA/AP
Sample : K3163-15
Misc : 6.55g/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-01-062719-B

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\82D061919S.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	3.196	175	180	188	rVB2	25406	68309	2.84%	0.364%
2	3.787	235	240	247	rBV	50692	127290	5.29%	0.678%
3	6.139	473	479	488	rVB2	11616	41705	1.73%	0.222%
4	6.887	549	555	562	rBV	491042	1394199	57.97%	7.426%
5	7.015	562	568	583	rVB	719219	2112112	87.83%	11.250%
6	7.419	603	609	623	rBV	336755	907298	37.73%	4.833%
7	8.187	681	687	702	rBV	910063	2211262	91.95%	11.778%
8	10.382	905	910	918	rBV	1085578	2385568	99.20%	12.707%
9	10.481	918	920	926	rVB2	14013	27989	1.16%	0.149%
10	11.209	988	994	998	rBV2	11383	26127	1.09%	0.139%
11	12.351	1106	1110	1119	rBV	1539005	2404879	100.00%	12.809%
12	13.542	1228	1231	1240	rVB	1431112	1826670	75.96%	9.730%
13	13.838	1258	1261	1263	rBV	32827	39140	1.63%	0.208%
14	14.074	1277	1285	1287	rBV2	21858	38570	1.60%	0.205%
15	14.221	1298	1300	1307	rVB	56739	87463	3.64%	0.466%
16	14.428	1318	1321	1324	rBV	16187	25366	1.05%	0.135%
17	14.507	1326	1329	1332	rVV	1777502	2193932	91.23%	11.686%
18	14.546	1332	1333	1337	rVB	48891	53115	2.21%	0.283%
19	14.694	1344	1348	1350	rBV	60665	89521	3.72%	0.477%
20	14.724	1350	1351	1353	rVB	48372	39186	1.63%	0.209%
21	14.763	1353	1355	1361	rVB2	65697	139604	5.81%	0.744%
22	14.881	1364	1367	1368	rBV	18527	32395	1.35%	0.173%
23	14.901	1368	1369	1373	rVB	34858	37178	1.55%	0.198%
24	14.970	1373	1376	1377	rBV	29995	39610	1.65%	0.211%
25	14.989	1377	1378	1381	rVB	44230	44633	1.86%	0.238%
26	15.048	1381	1384	1386	rBV	61405	75465	3.14%	0.402%
27	15.127	1389	1392	1398	rVB4	46233	99213	4.13%	0.528%
28	15.216	1398	1401	1403	rVB3	16928	29131	1.21%	0.155%
29	15.265	1403	1406	1408	rBV2	40840	70609	2.94%	0.376%
30	15.334	1412	1413	1415	rVB2	30266	25854	1.08%	0.138%
31	15.363	1415	1416	1419	rVB	48406	59541	2.48%	0.317%
32	15.422	1419	1422	1424	rBV2	54869	80203	3.34%	0.427%
33	15.462	1424	1426	1429	rVB3	21932	29778	1.24%	0.159%
34	15.560	1429	1436	1438	rBV3	69848	134312	5.58%	0.715%

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Title : SW846 8260

35	15.659	1443	1446	1449	rVV	187801	312359	12.99%	1.664%
36	15.728	1451	1453	1456	rVV2	43708	59814	2.49%	0.319%
37	15.787	1456	1459	1462	rVV	148851	187177	7.78%	0.997%
38	15.895	1464	1470	1471	rVV2	51330	129424	5.38%	0.689%
39	15.925	1471	1473	1475	rVV	59155	86594	3.60%	0.461%
40	15.984	1475	1479	1481	rVV2	62047	133902	5.57%	0.713%
41	16.023	1481	1483	1486	rVV	69845	90346	3.76%	0.481%
42	16.131	1489	1494	1496	rVV4	26049	65746	2.73%	0.350%
43	16.171	1496	1498	1500	rVV	59685	77560	3.23%	0.413%
44	16.220	1500	1503	1505	rVV2	81127	118987	4.95%	0.634%
45	16.289	1508	1510	1514	rVB3	20219	33371	1.39%	0.178%
46	16.348	1514	1516	1519	rBV2	43930	56344	2.34%	0.300%
47	16.466	1525	1528	1529	rBV2	41505	50841	2.11%	0.271%
48	16.496	1529	1531	1534	rVV	99866	122812	5.11%	0.654%
49	16.564	1536	1538	1541	rVV4	16600	24213	1.01%	0.129%
50	16.614	1541	1543	1546	rVV2	27139	43952	1.83%	0.234%
51	16.722	1550	1554	1556	rBV	53617	79248	3.30%	0.422%
52	16.860	1562	1568	1571	rBV2	33010	68494	2.85%	0.365%
53	16.919	1571	1574	1578	rVB2	17350	35851	1.49%	0.191%

Sum of corrected areas: 18774262

LSC Report - Integrated Chromatogram

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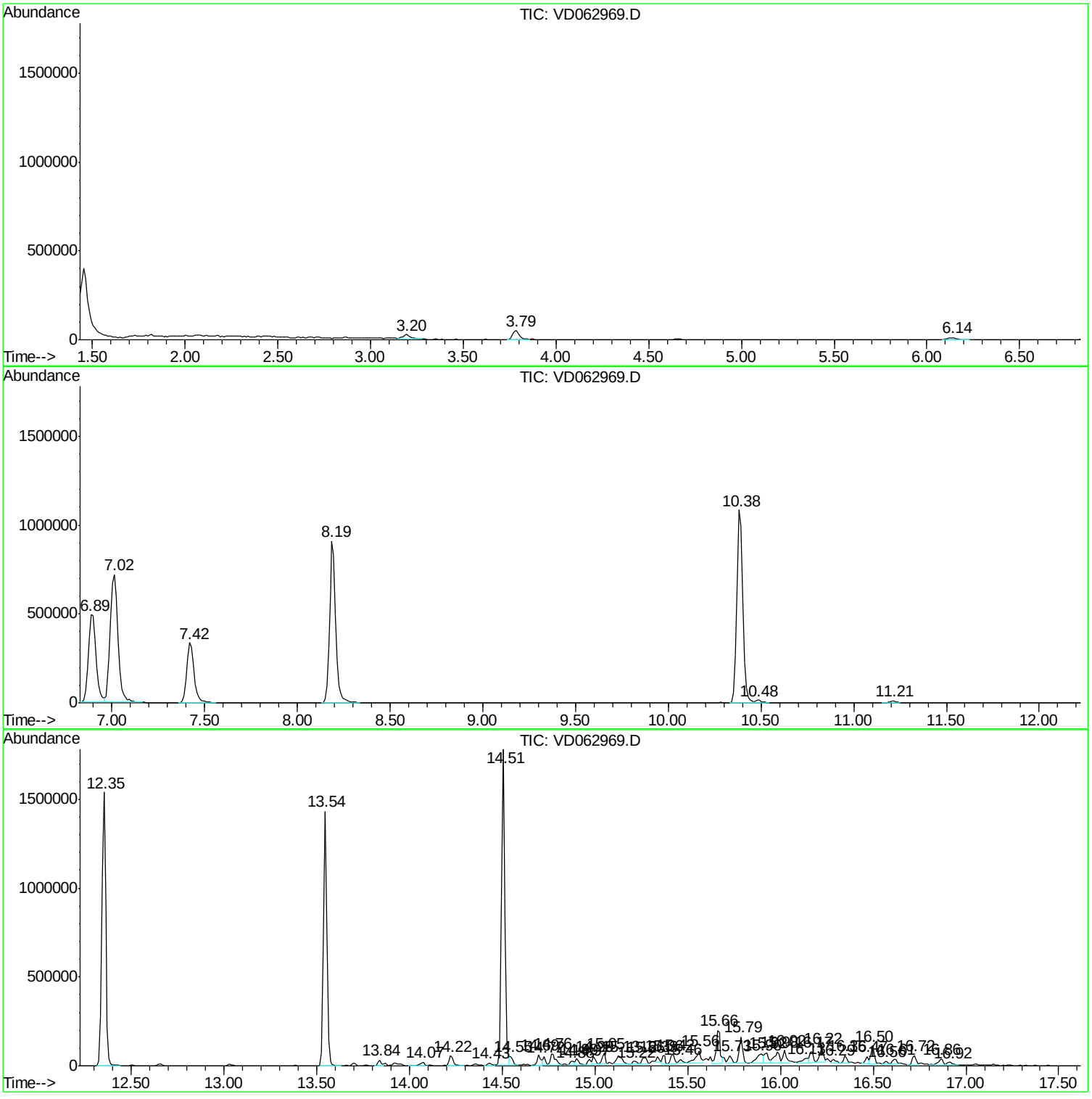
Instrument : MSVOA_D
ClientSampleId : SU-01-062719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.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\VD062819\
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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SU-01-062719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

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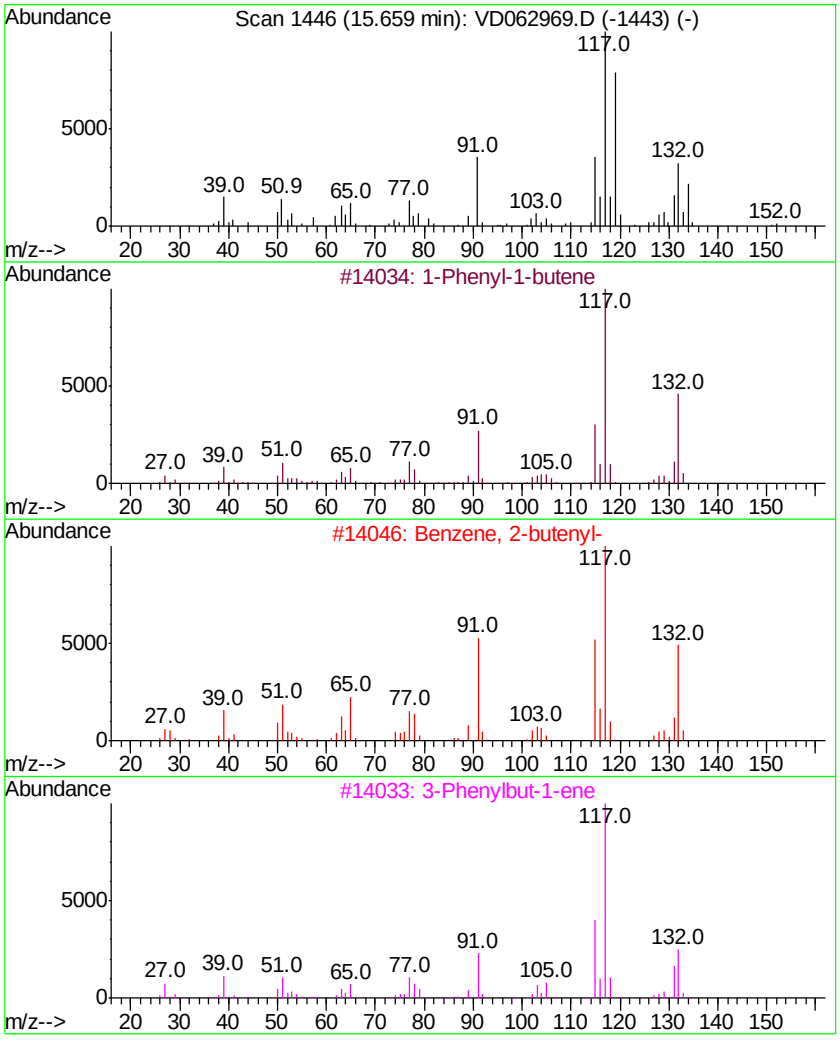
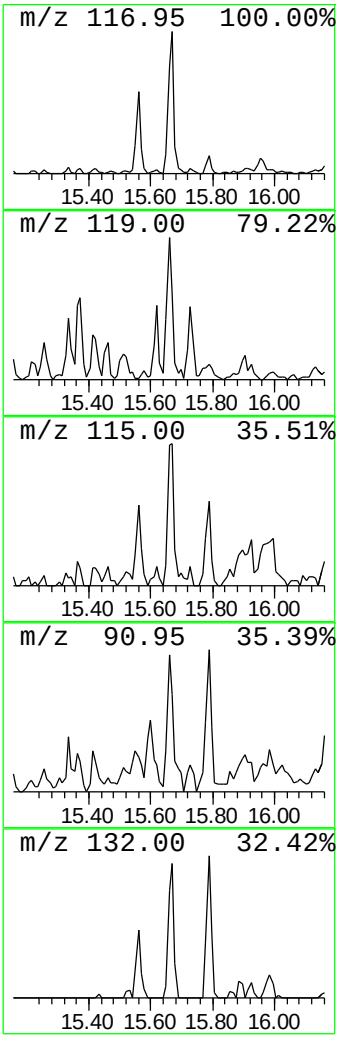
Peak Number 1 1-Phenyl-1-butene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	7.12 ug/l	312359	1,4-Dichlorobenzene-d4	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	78
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	60
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	60
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	60





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_D
ClientSampleId : SU-01-062719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.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
1-Phenyl-1-butene	15.66	7.1	ug/l	312359	4	14.51	2193930	50.0