LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062218\
Data File : VD058302.D
Acq On : 22 Jun 2018 17:54
Operator : VA/AP
Sample : J3663-05
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB472-26-28-180618

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\82D061918S.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	1.217	93	101	103	rBV	1153690	2659399	10.51%	2.453%
2	1.267	103	106	127	rVB	1471799	4653038	18.38%	4.292%
3	4.801	458	465	480	rBV3	221014	830385	3.28%	0.766%
4	5.539	532	540	545	rBV2	470853	1299827	5.13%	1.199%
5	5.638	545	550	564	rVB	686350	1984711	7.84%	1.831%
6	6.012	580	588	598	rBV	698627	1899149	7.50%	1.752%
7	6.681	651	656	670	rBV	859231	2252141	8.90%	2.077%
8	8.699	856	861	868	rVV	1115058	2539138	10.03%	2.342%
9	10.717	1059	1066	1077	rVB2	6612750	14911724	58.91%	13.755%
10	10.983	1087	1093	1096	rBV5	107099	356471	1.41%	0.329%
11	11.091	1102	1104	1111	rVB2	199461	383940	1.52%	0.354%
12	11.347	1126	1130	1133	rBV3	302456	697100	2.75%	0.643%
13	11.456	1138	1141	1145	rVB2	192783	358241	1.42%	0.330%
14	11.554	1145	1151	1152	rBV3	145713	300363	1.19%	0.277%
15	11.672	1157	1163	1166	rBV4	267839	726840	2.87%	0.670%
16	11.840	1176	1180	1184	rBV3	348282	832186	3.29%	0.768%
17	11.928	1186	1189	1192	rVV	1604746	2351892	9.29%	2.169%
18	11.977	1192	1194	1196	rVV2	360003	634552	2.51%	0.585%
19	12.046	1199	1201	1203	rVV	290522	517857	2.05%	0.478%
20	12.086	1203	1205	1212	rVV4	380716	946870	3.74%	0.873%
21	12.204	1212	1217	1221	rVV4	519286	1323460	5.23%	1.221%
22	12.263	1221	1223	1225	rVV	551199	940463	3.72%	0.868%
23	12.302	1225	1227	1229	rVV3	393067	848047	3.35%	0.782%
24	12.351	1229	1232	1234	rVV3	692755	1462114	5.78%	1.349%
25	12.401	1234	1237	1240	rVV3	379818	867387	3.43%	0.800%
26	12.470	1240	1244	1246	rVV2	402304	909349	3.59%	0.839%
27	12.499	1246	1247	1250	rVV3	317945	588688	2.33%	0.543%
28	12.568	1250	1254	1257	rVV4	498890	1443130	5.70%	1.331%
29	12.617	1257	1259	1264	rVV2	651071	1870567	7.39%	1.725%
30	12.686	1264	1266	1268	rVV	481115	848825	3.35%	0.783%
31	12.735	1268	1271	1274	rVV4	773276	2005166	7.92%	1.850%
32	12.775	1274	1275	1278	rVV	589750	1015935	4.01%	0.937%
33	12.834	1278	1281	1286	rVV	2487478	4941164	19.52%	4.558%
34	12.922	1286	1290	1295	rVV2	5483739	9962234	39.35%	9.189%

LSC Area Percent Report

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Acq On : 22 Jun 2018 17:54
Operator : VA/AP
Sample : J3663-05
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB472-26-28-180618

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\82D061918S.M
Title : SW846 8260

35	13.021	1297	1300	1304	rVV3	464898	1304940	5.16%	1.204%
36	13.090	1304	1307	1309	rVV2	374886	853256	3.37%	0.787%
37	13.129	1309	1311	1314	rVV2	435058	816072	3.22%	0.753%
38	13.198	1314	1318	1325	rVV	13624095	25314028	100.00%	23.350%
39	13.306	1326	1329	1334	rVV4	490405	1509823	5.96%	1.393%
40	13.395	1334	1338	1341	rVV3	404580	1208289	4.77%	1.115%
41	13.444	1341	1343	1346	rVV2	447100	838736	3.31%	0.774%
42	13.533	1349	1352	1356	rVV2	851246	1547152	6.11%	1.427%
43	13.621	1359	1361	1363	rVV2	175576	290671	1.15%	0.268%
44	13.680	1363	1367	1372	rVV2	1217540	2414804	9.54%	2.227%
45	13.739	1372	1373	1375	rVV	255781	256581	1.01%	0.237%
46	13.779	1375	1377	1380	rVV	513217	685275	2.71%	0.632%
47	14.202	1416	1420	1424	rVB3	288621	465484	1.84%	0.429%
48	14.330	1429	1433	1436	rBV3	231301	444878	1.76%	0.410%
49	14.507	1448	1451	1453	rBV	205019	296738	1.17%	0.274%

Sum of corrected areas: 108409080

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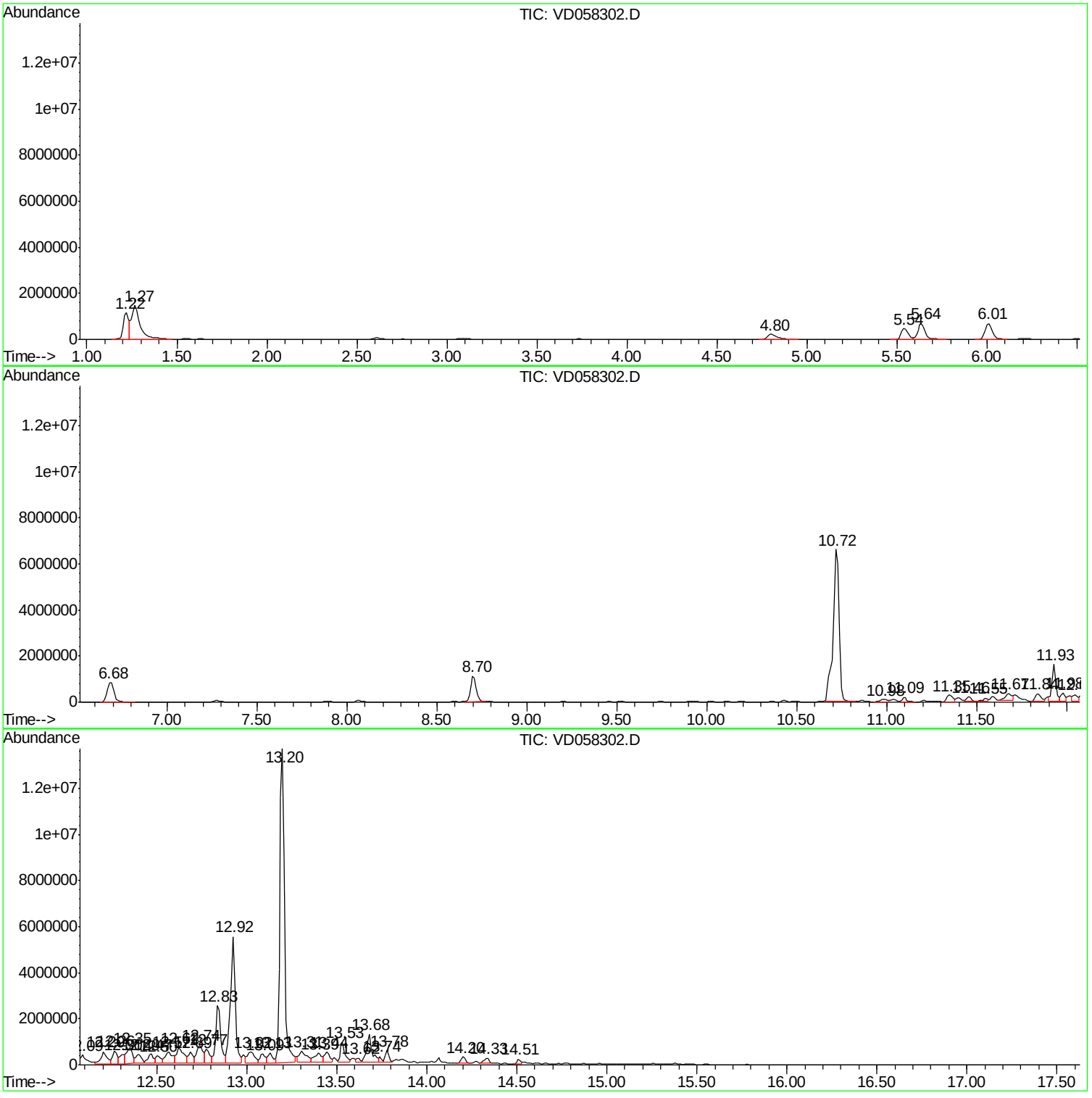
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-26-28-180618

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.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 : VD058302.D
Acq On : 22 Jun 2018 17:54
Operator : VA/AP
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Instrument : MSVOA_D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

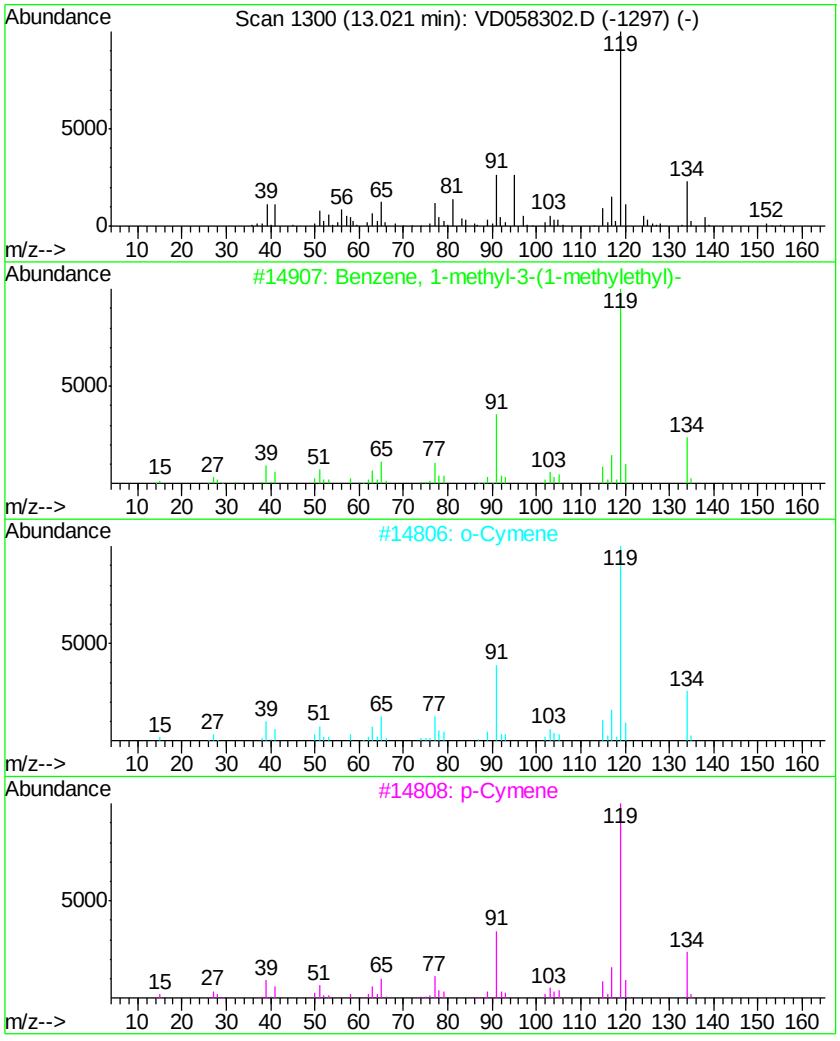
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

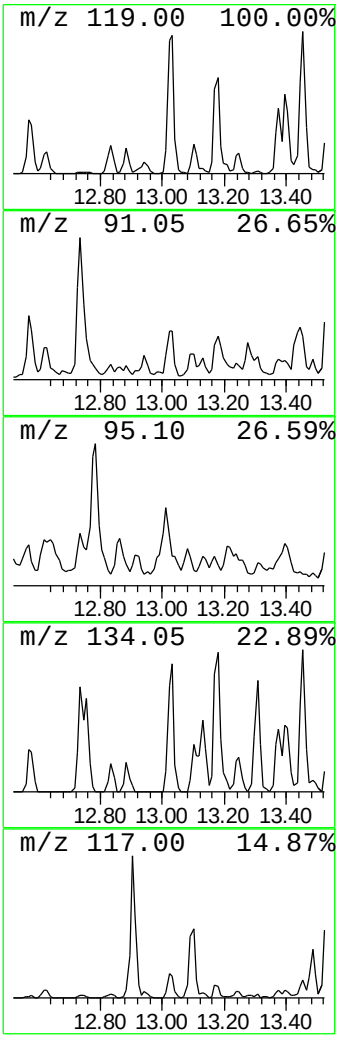
****

Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	6.55 ug/l	1304940	1,4-Dichlorobenzene-d4	12.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	96
2	o-Cymene	134	C10H14	000527-84-4	96
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062218\
Data File : VD058302.D
Acq On : 22 Jun 2018 17:54
Operator : VA/AP
Sample : J3663-05
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP021SB472-26-28-180618

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

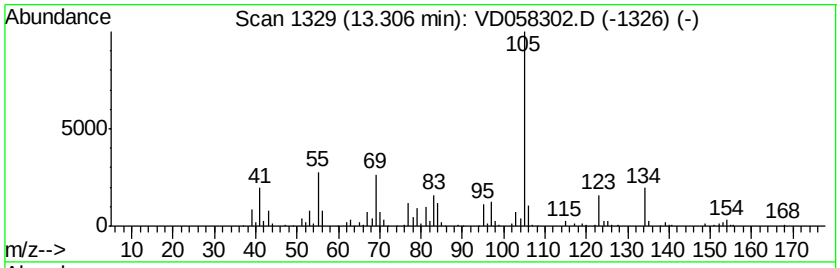
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

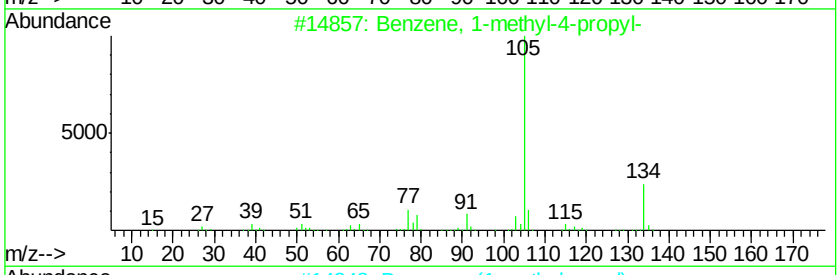
****

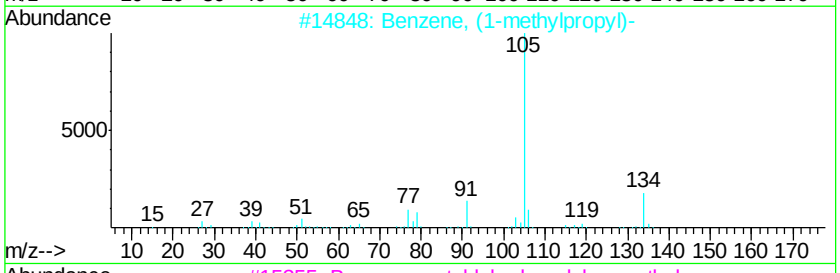
Peak Number 4 Benzene, 1-methyl-4-propyl- Concentration Rank 5

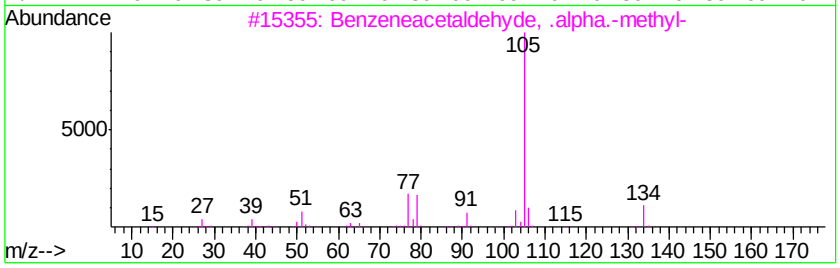
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	7.58 ug/l	1509820	1,4-Dichlorobenzene-d4	12.90

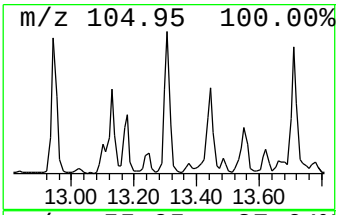
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	49
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	43
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
5	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	38

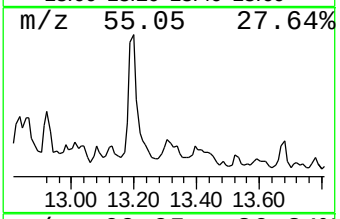


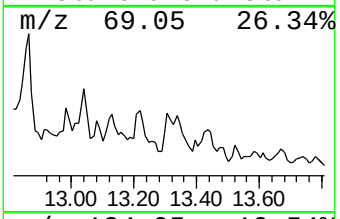


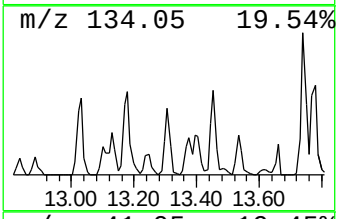


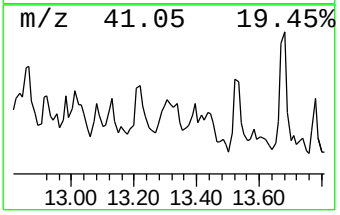












Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062218\
Data File : VD058302.D
Acq On : 22 Jun 2018 17:54
Operator : VA/AP
Sample : J3663-05
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB472-26-28-180618

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

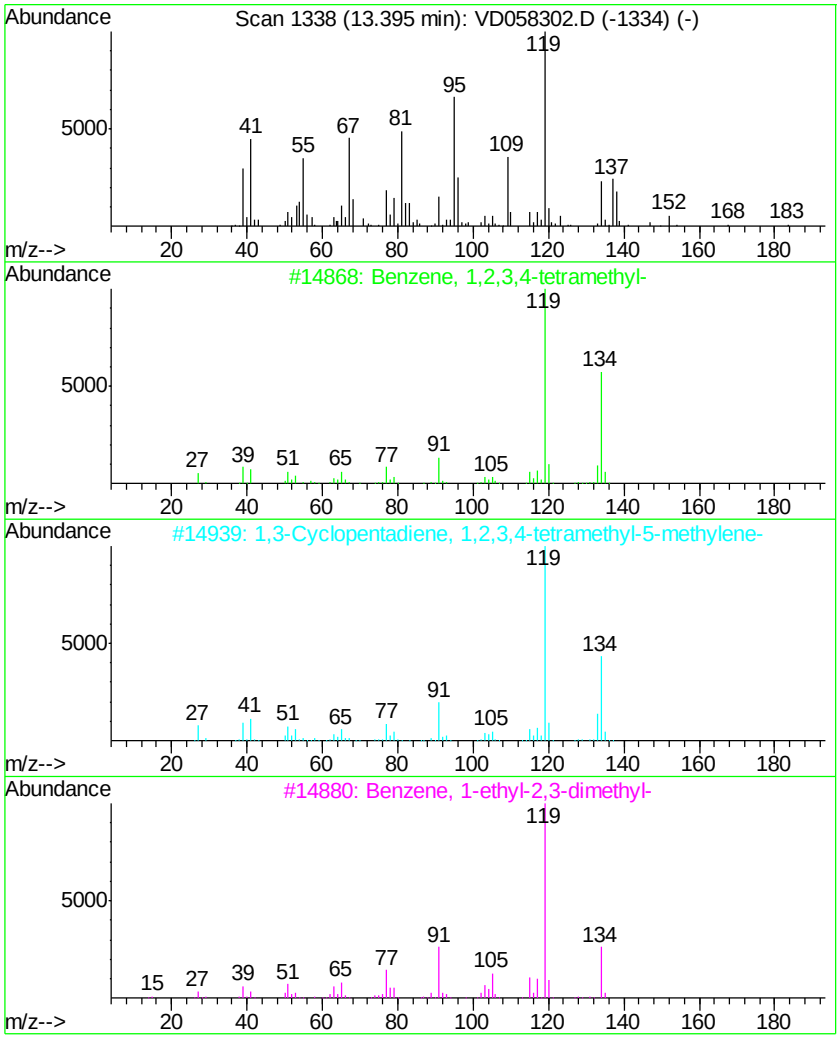
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

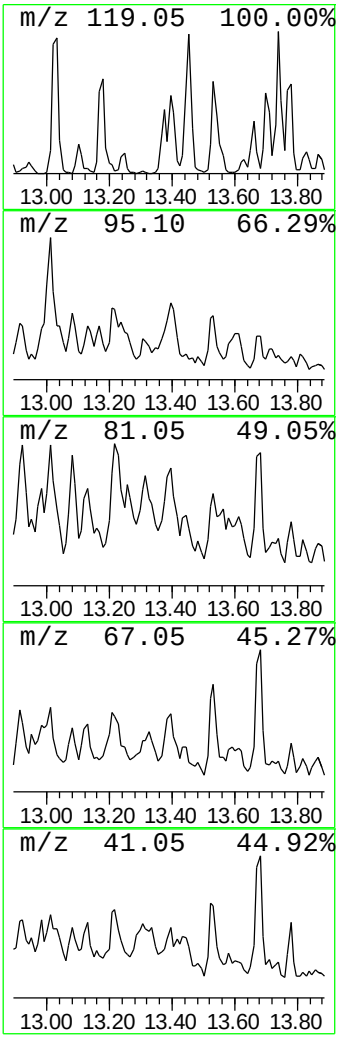
****

Peak Number 5 unknown13.39 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	6.06 ug/l	1208290	1,4-Dichlorobenzene-d4	12.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	42
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	42
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	42
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	42
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42





Library Search Compound Report

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Data File : VD058302.D
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Operator : VA/AP
Sample : J3663-05
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB472-26-28-180618

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

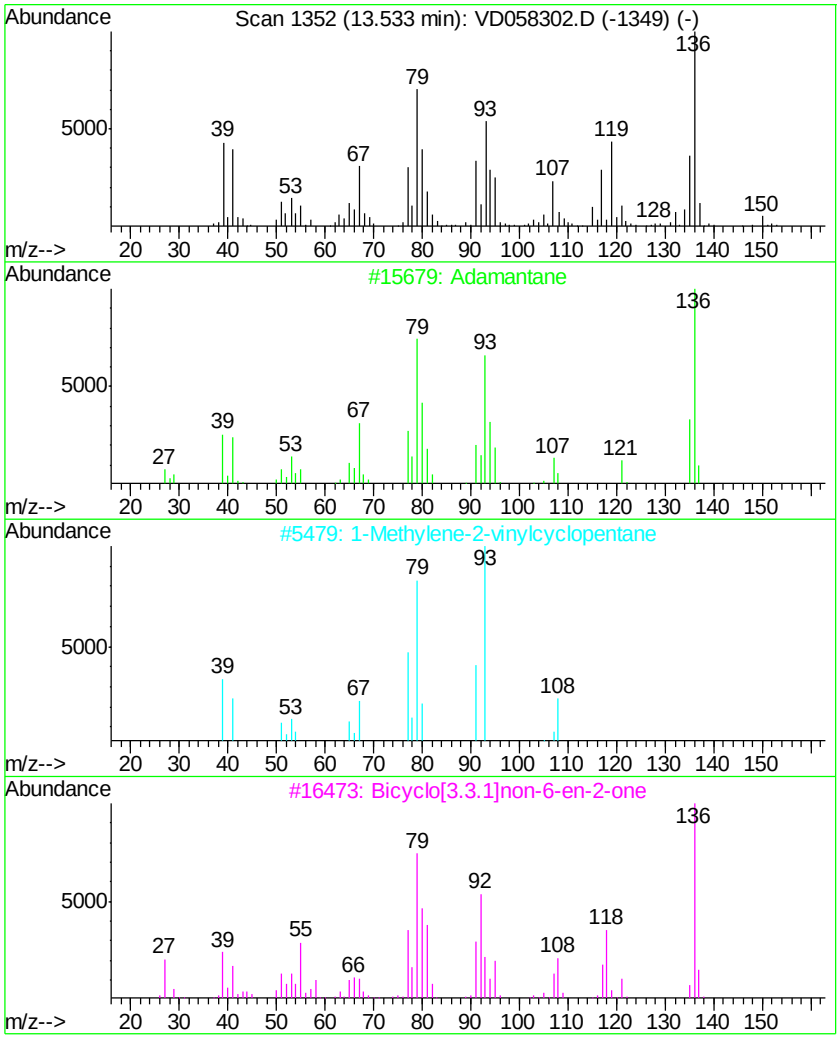
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

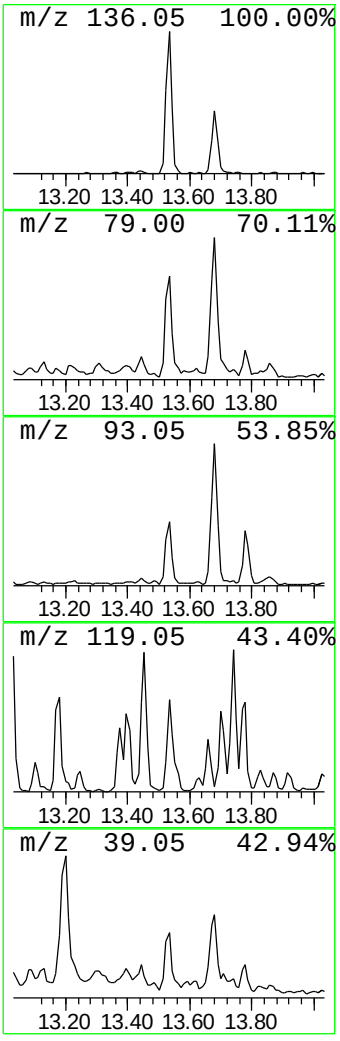
****

Peak Number 6 Adamantane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	7.77 ug/l	1547150	1,4-Dichlorobenzene-d4	12.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	97
2	1-Methylene-2-vinylcyclopentane	108	C8H12	006196-78-7	53
3	Bicyclo[3.3.1]non-6-en-2-one	136	C9H12O	022482-58-2	53
4	1,3-Cyclohexadiene, 5-butyl-	136	C10H16	030168-57-1	46
5	1,4-Benzenediamine, 2,3-dimethyl-	136	C8H12N2	005306-96-7	38





Library Search Compound Report

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB472-26-28-180618

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

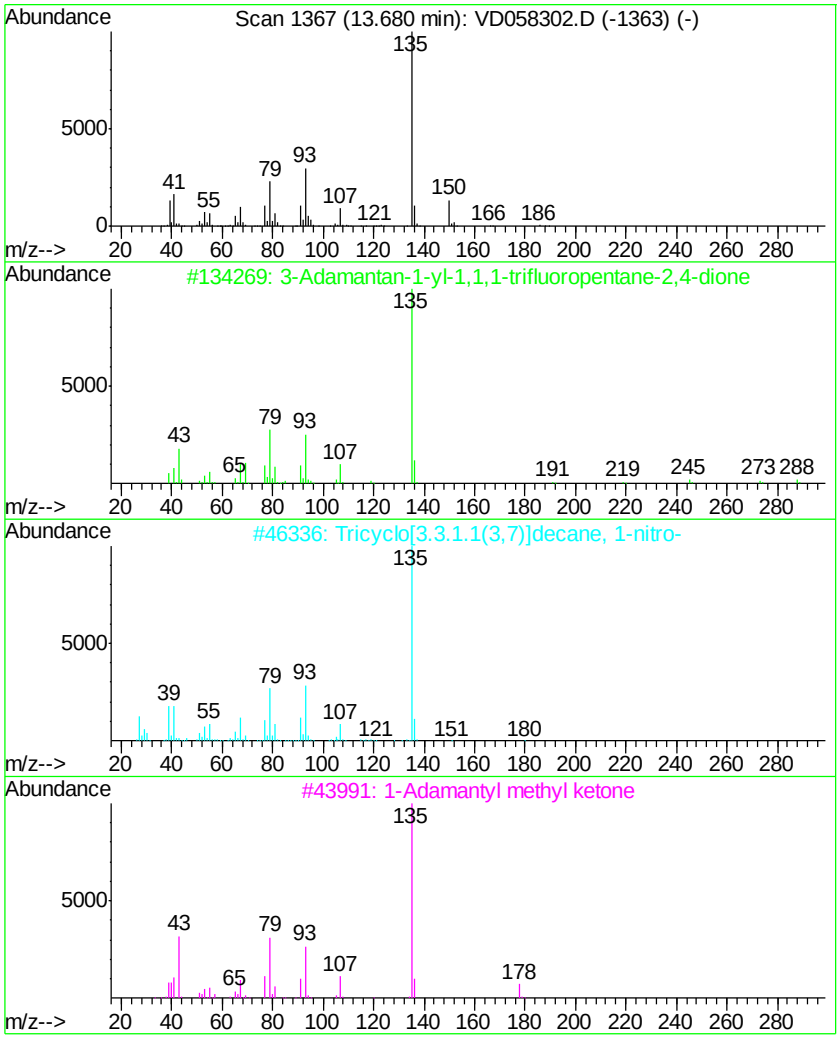
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

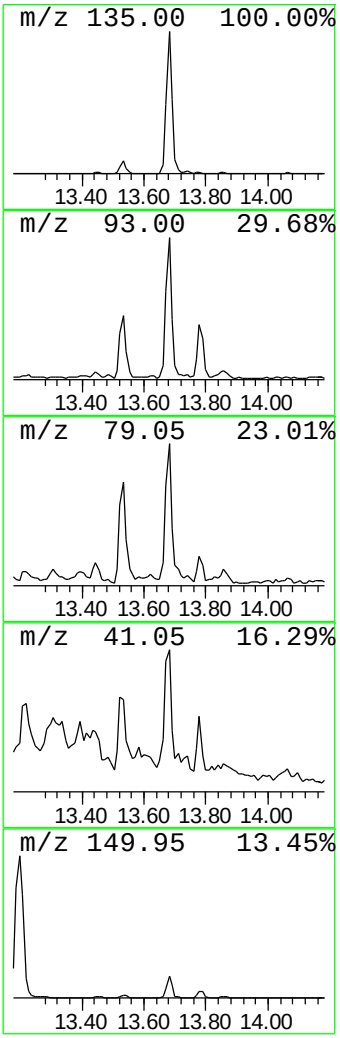
****

Peak Number 7 3-Adamantan-1-yl-1,1,1-trif... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	12.12 ug/l	2414800	1,4-Dichlorobenzene-d4	12.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Adamantan-1-yl-1,1,1-trifluoro...	288	C15H19F3O2	1000311-44-8	86
2	Tricyclo[3.3.1.1(3,7)]decane, 1-...	181	C10H15NO2	007575-82-8	86
3	1-Adamantyl methyl ketone	178	C12H18O	001660-04-4	86
4	N-(3-Hydroxy-2,6-dimethyl-4-pyri...	300	C18H24N2O2	1000260-99-3	80
5	4-Amino-2,6-dimethyl-3-pyridyl 1...	300	C18H24N2O2	1000260-99-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062218\
Data File : VD058302.D
Acq On : 22 Jun 2018 17:54
Operator : VA/AP
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Instrument : MSVOA_D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.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
Benzene, 1-methyl...	13.02	6.5	ug/l	1304940	4	12.90	9962230	50.0
Benzene, 1-methyl...	13.31	7.6	ug/l	1509820	4	12.90	9962230	50.0
unknown13.39	13.39	6.1	ug/l	1208290	4	12.90	9962230	50.0
Adamantane	13.53	7.8	ug/l	1547150	4	12.90	9962230	50.0
3-Adamantan-1-yl-...	13.68	12.1	ug/l	2414800	4	12.90	9962230	50.0