LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
Data File : VD063071.D
Acq On : 12 Jul 2019 15:26
Operator : VA/AP
Sample : K3775-03
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : D-3X-ROLL-OFF-DUMPSTER-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_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	1.473	3	5	16	rVB	259579	687438	27.54%	3.030%
2	1.700	25	28	32	rBV	33919	73441	2.94%	0.324%
3	2.773	135	137	142	rVB2	13793	28555	1.14%	0.126%
4	3.826	235	244	250	rBV3	26716	82182	3.29%	0.362%
5	4.702	326	333	339	rBV4	14902	45615	1.83%	0.201%
6	6.937	553	560	566	rBV	492483	1462755	58.60%	6.448%
7	7.055	566	572	588	rVB	785845	2368812	94.90%	10.442%
8	7.459	607	613	624	rBV	394989	1050070	42.07%	4.629%
9	8.227	684	691	703	rBV	948200	2424625	97.13%	10.688%
10	10.422	908	914	921	rBV	1054350	2496181	100.00%	11.003%
11	11.249	991	998	1004	rVB4	25606	85577	3.43%	0.377%
12	11.839	1054	1058	1062	rBV3	15315	30883	1.24%	0.136%
13	12.371	1108	1112	1125	rVB	1470572	2408891	96.50%	10.618%
14	12.666	1136	1142	1148	rBV3	34769	99104	3.97%	0.437%
15	12.745	1148	1150	1155	rVB2	14160	26110	1.05%	0.115%
16	13.050	1179	1181	1184	rVV	27397	33589	1.35%	0.148%
17	13.227	1197	1199	1203	rVB2	16599	25383	1.02%	0.112%
18	13.316	1203	1208	1214	rBV6	17813	47277	1.89%	0.208%
19	13.562	1229	1233	1242	rVV	1232935	1694949	67.90%	7.471%
20	13.720	1246	1249	1252	rVB	100913	154761	6.20%	0.682%
21	13.848	1257	1262	1264	rBV2	50519	83764	3.36%	0.369%
22	13.887	1264	1266	1268	rVV2	26034	28199	1.13%	0.124%
23	13.936	1268	1271	1273	rVV3	54960	75917	3.04%	0.335%
24	13.966	1273	1274	1278	rVB	60578	78641	3.15%	0.347%
25	14.084	1283	1286	1289	rBV	39777	73712	2.95%	0.325%
26	14.202	1293	1298	1300	rBV4	31489	57287	2.29%	0.253%
27	14.241	1300	1302	1309	rVB	176507	236273	9.47%	1.041%
28	14.379	1313	1316	1317	rBV3	28087	39848	1.60%	0.176%
29	14.438	1317	1322	1325	rBV5	41935	71968	2.88%	0.317%
30	14.527	1327	1331	1333	rBV	1358540	1958343	78.45%	8.632%
31	14.566	1333	1335	1340	rVB	107931	166830	6.68%	0.735%
32	14.655	1340	1344	1347	rVB5	49623	91491	3.67%	0.403%
33	14.714	1347	1350	1351	rBV2	63191	80153	3.21%	0.353%
34	14.734	1351	1352	1354	rVB	44500	49355	1.98%	0.218%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
Data File : VD063071.D
Acq On : 12 Jul 2019 15:26
Operator : VA/AP
Sample : K3775-03
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : D-3X-ROLL-OFF-DUMPSTER-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_D\METHOD\82D061919S.M
Title : SW846 8260

35	14.783	1354	1357	1359	rBV	151186	202111	8.10%	0.891%
36	14.812	1359	1360	1366	rVB5	50418	65560	2.63%	0.289%
37	14.891	1366	1368	1369	rBV2	76130	88897	3.56%	0.392%
38	14.980	1376	1377	1378	rBV	42061	34183	1.37%	0.151%
39	15.009	1378	1380	1383	rVB2	67084	76994	3.08%	0.339%
40	15.058	1383	1385	1387	rVB	115959	129119	5.17%	0.569%
41	15.147	1387	1394	1398	rBV4	119271	274853	11.01%	1.212%
42	15.226	1398	1402	1405	rVB5	36815	79030	3.17%	0.348%
43	15.285	1405	1408	1410	rBV3	68371	147821	5.92%	0.652%
44	15.354	1410	1415	1416	rBV3	69094	116021	4.65%	0.511%
45	15.383	1416	1418	1421	rVB	154516	192381	7.71%	0.848%
46	15.433	1421	1423	1426	rBV3	130898	239479	9.59%	1.056%
47	15.531	1431	1433	1435	rBV2	26154	45667	1.83%	0.201%
48	15.649	1442	1445	1446	rBV2	89397	164026	6.57%	0.723%
49	15.679	1446	1448	1453	rVV3	227648	363869	14.58%	1.604%
50	15.748	1453	1455	1458	rVV4	68774	89600	3.59%	0.395%
51	15.817	1458	1462	1465	rVV4	66605	128819	5.16%	0.568%
52	15.935	1467	1474	1476	rBV4	88786	269978	10.82%	1.190%
53	16.004	1477	1481	1483	rVV	115391	209840	8.41%	0.925%
54	16.053	1483	1486	1490	rVB5	66945	123090	4.93%	0.543%
55	16.151	1490	1496	1500	rBV5	78523	242064	9.70%	1.067%
56	16.230	1500	1504	1506	rVV4	100402	182108	7.30%	0.803%
57	16.269	1506	1508	1509	rVB2	47986	52386	2.10%	0.231%
58	16.319	1509	1513	1516	rVB5	64554	128928	5.17%	0.568%
59	16.358	1516	1517	1519	rBV2	46318	48395	1.94%	0.213%
60	16.427	1521	1524	1526	rVB4	45750	77789	3.12%	0.343%
61	16.486	1526	1530	1532	rBV4	64846	144707	5.80%	0.638%
62	16.634	1543	1545	1547	rVB2	32702	45725	1.83%	0.202%
63	16.742	1552	1556	1558	rVB5	43488	89280	3.58%	0.394%
64	16.781	1558	1560	1561	rBV	24963	26209	1.05%	0.116%
65	16.919	1572	1574	1577	rVB	62448	83461	3.34%	0.368%
66	17.057	1585	1588	1595	rVB3	56056	105654	4.23%	0.466%

Sum of corrected areas: 22686023

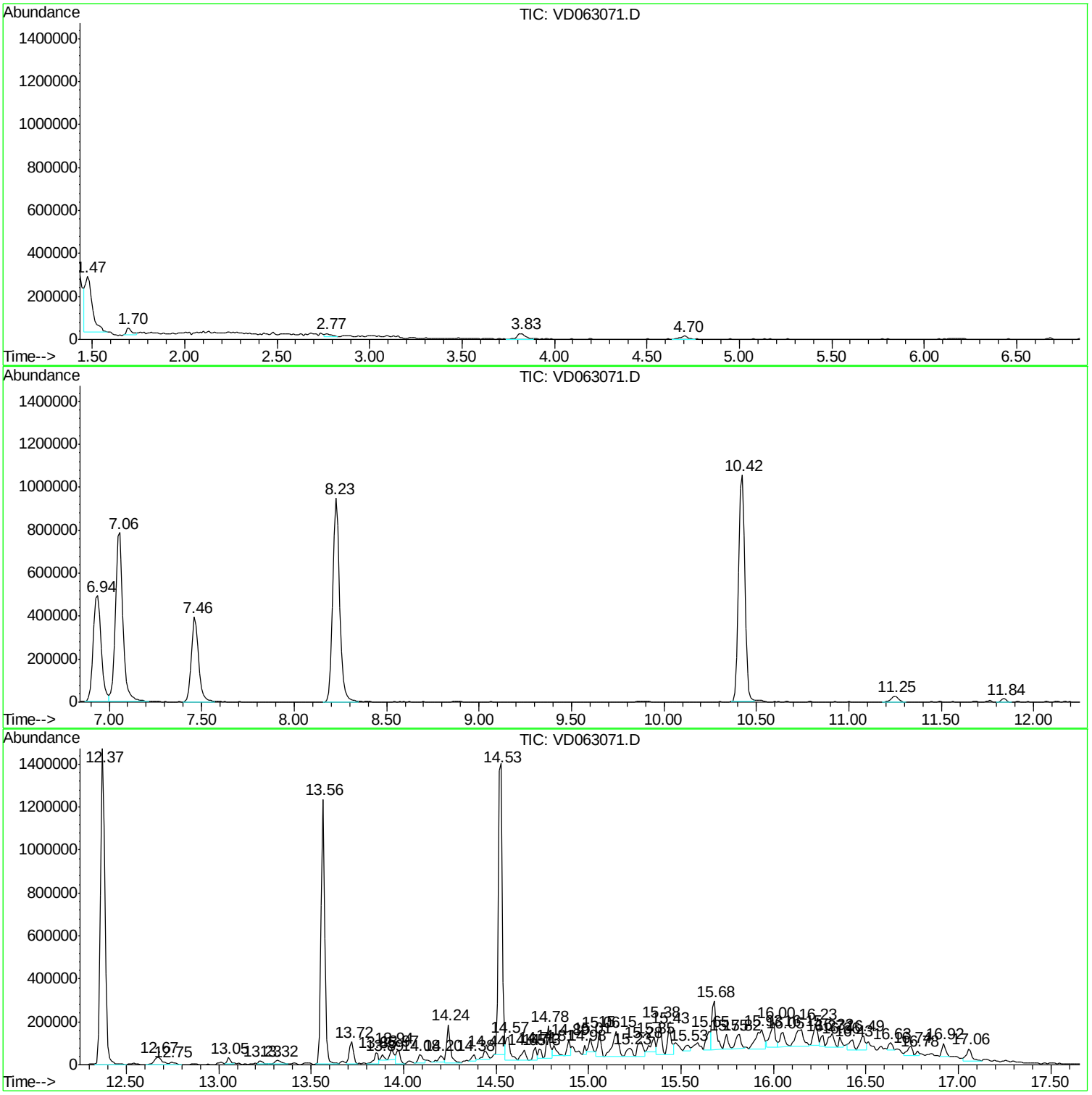
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071219\
Data File : VD063071.D
Acq On : 12 Jul 2019 15:26
Operator : VA/AP
Sample : K3775-03
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D-3X-ROLL-OFF-DUMPSTER-3

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\VD071219\
Data File : VD063071.D
Acq On : 12 Jul 2019 15:26
Operator : VA/AP
Sample : K3775-03
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : D-3X-ROLL-OFF-DUMPSTER-3

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

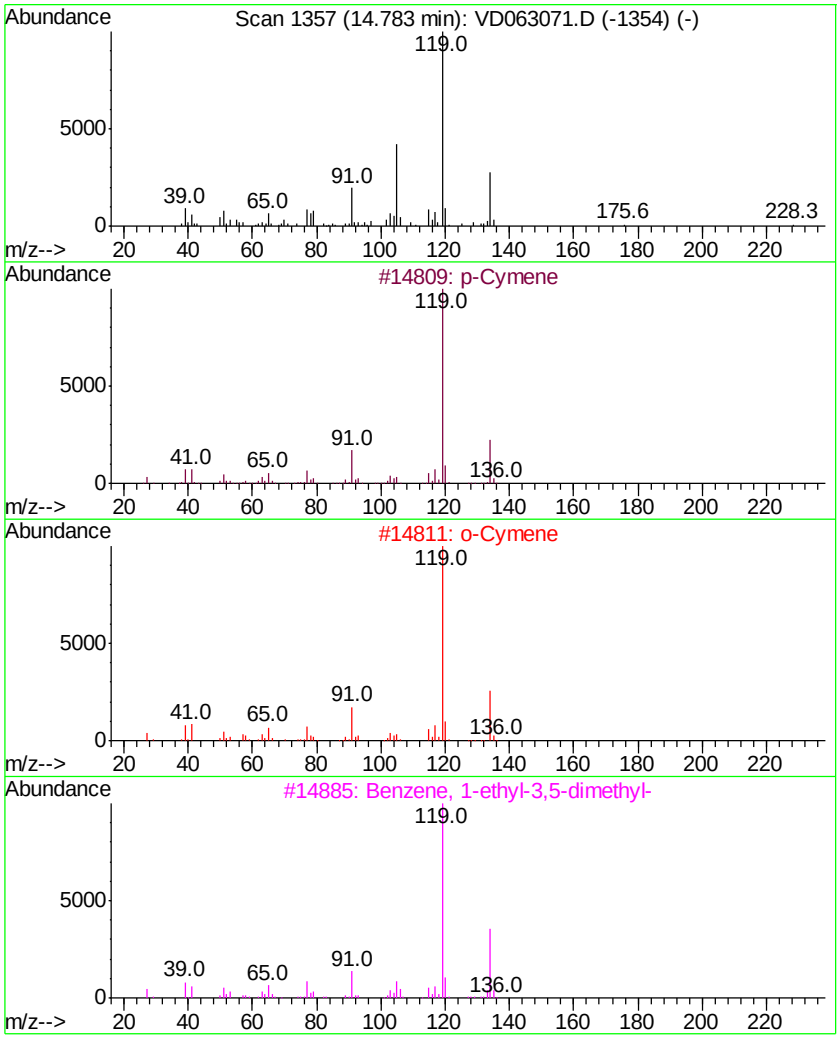
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

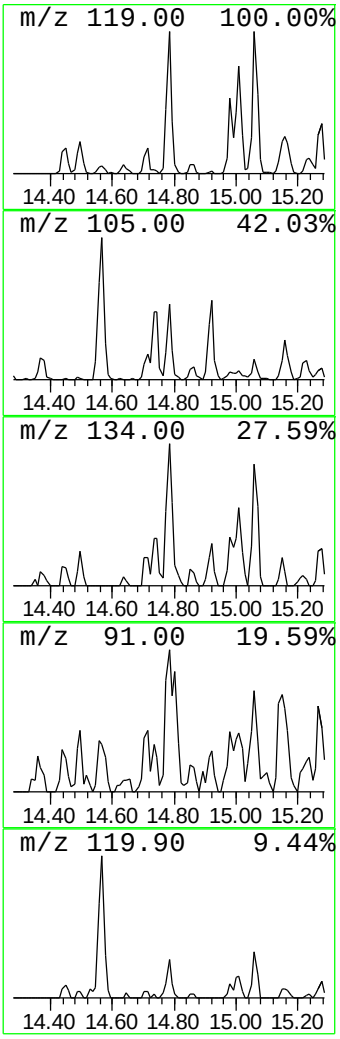
****

Peak Number 2 p-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	5.16 ug/l	202111	1,4-Dichlorobenzene-d4	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
Data File : VD063071.D
Acq On : 12 Jul 2019 15:26
Operator : VA/AP
Sample : K3775-03
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : D-3X-ROLL-OFF-DUMPSTER-3

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

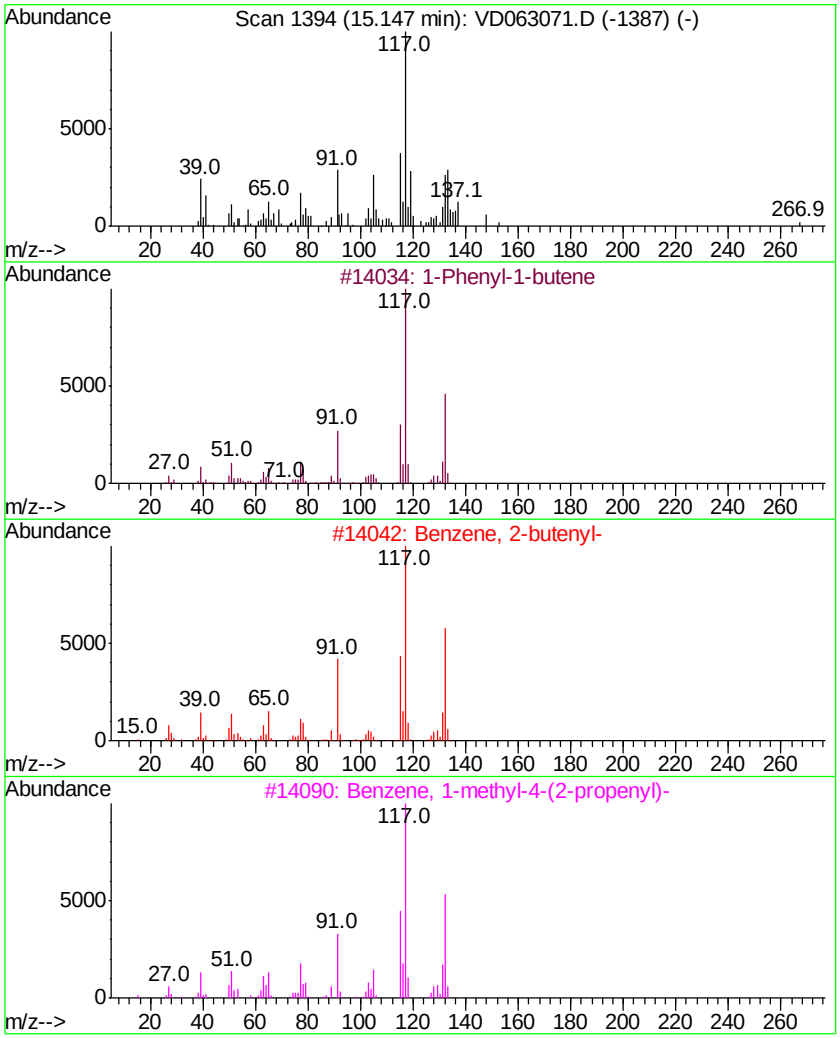
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

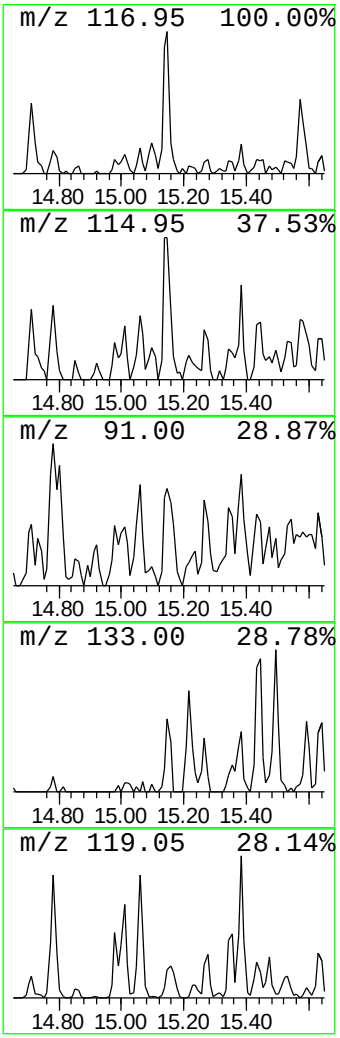
****

Peak Number 3 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	7.02 ug/l	274853	1,4-Dichlorobenzene-d4	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
Data File : VD063071.D
Acq On : 12 Jul 2019 15:26
Operator : VA/AP
Sample : K3775-03
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : D-3X-ROLL-OFF-DUMPSTER-3

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

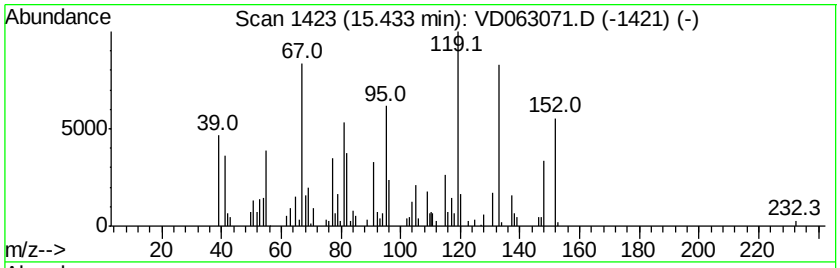
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

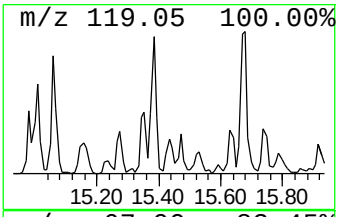
****

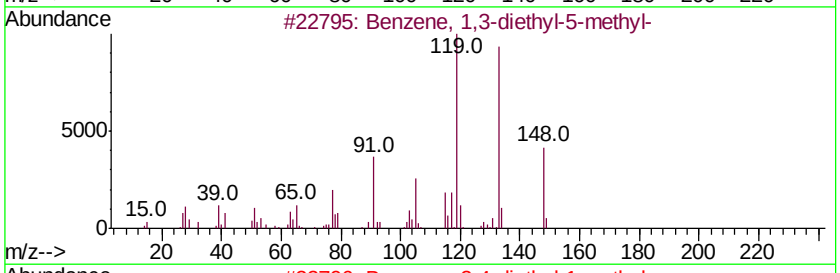
Peak Number 4 unknown15.43 Concentration Rank 6

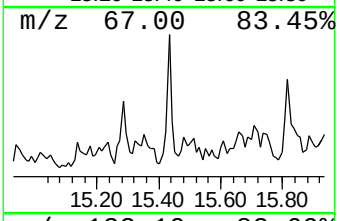
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	6.11 ug/l	239479	1,4-Dichlorobenzene-d4	14.53

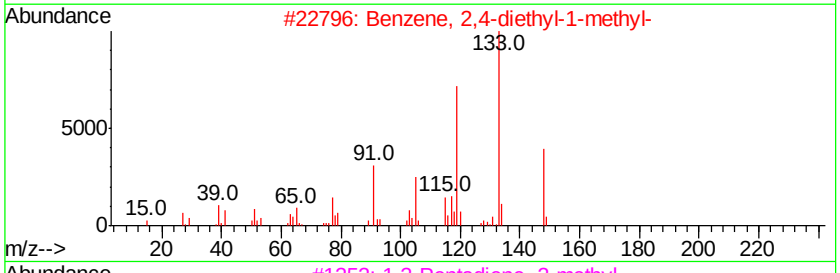
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	43
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	25
3	1,3-Pentadiene, 2-methyl-	82	C6H10	001118-58-7	25
4	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	25
5	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	25

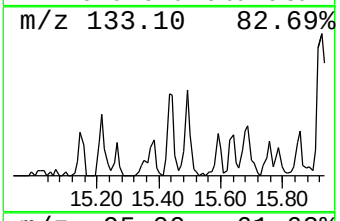


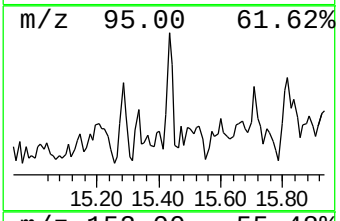


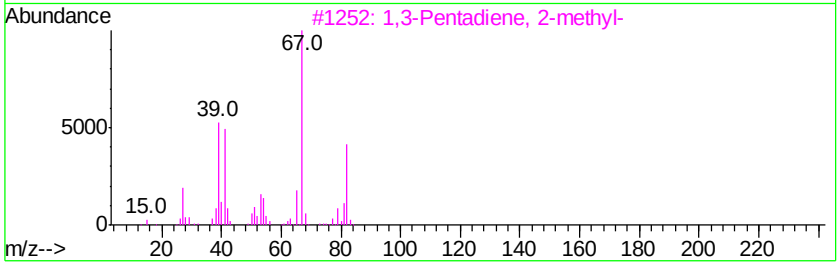


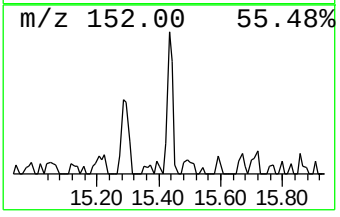












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
Data File : VD063071.D
Acq On : 12 Jul 2019 15:26
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Sample : K3775-03
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : D-3X-ROLL-OFF-DUMPSTER-3

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

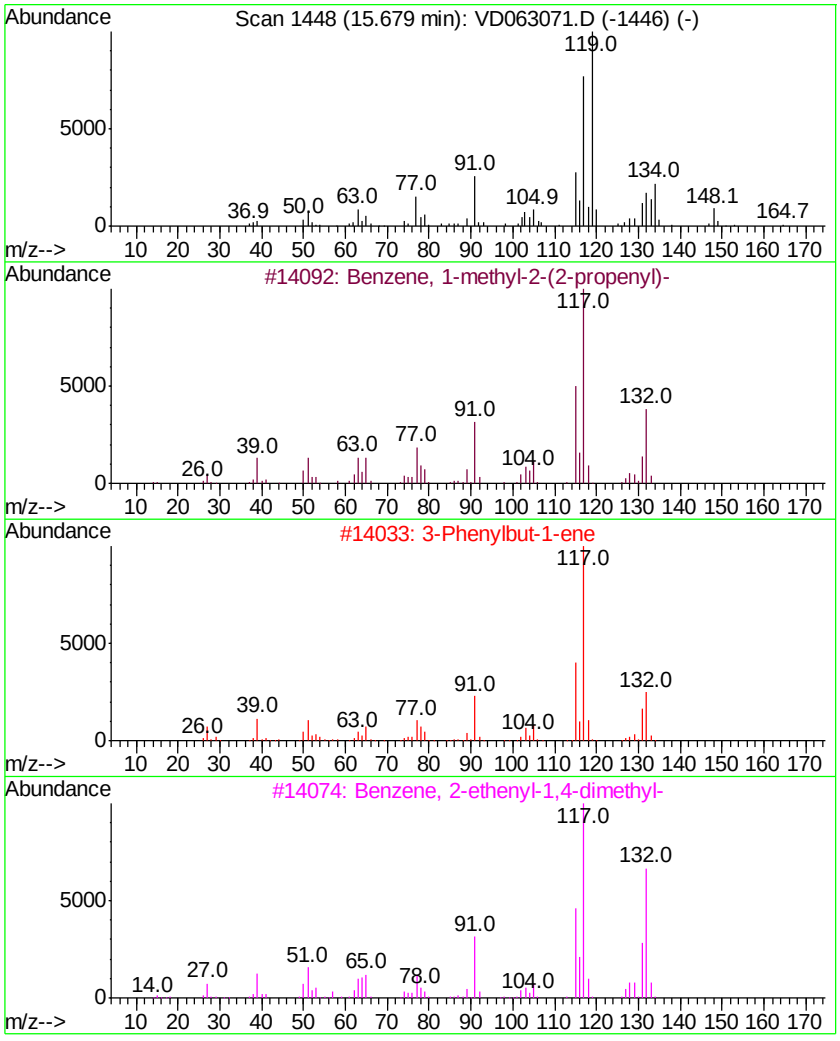
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

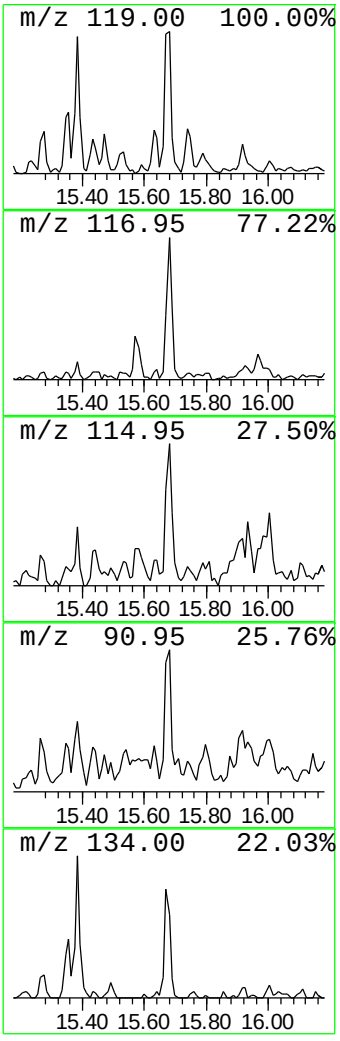
****

Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	9.29 ug/l	363869	1,4-Dichlorobenzene-d4	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
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Operator : VA/AP
Sample : K3775-03
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : D-3X-ROLL-OFF-DUMPSTER-3

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

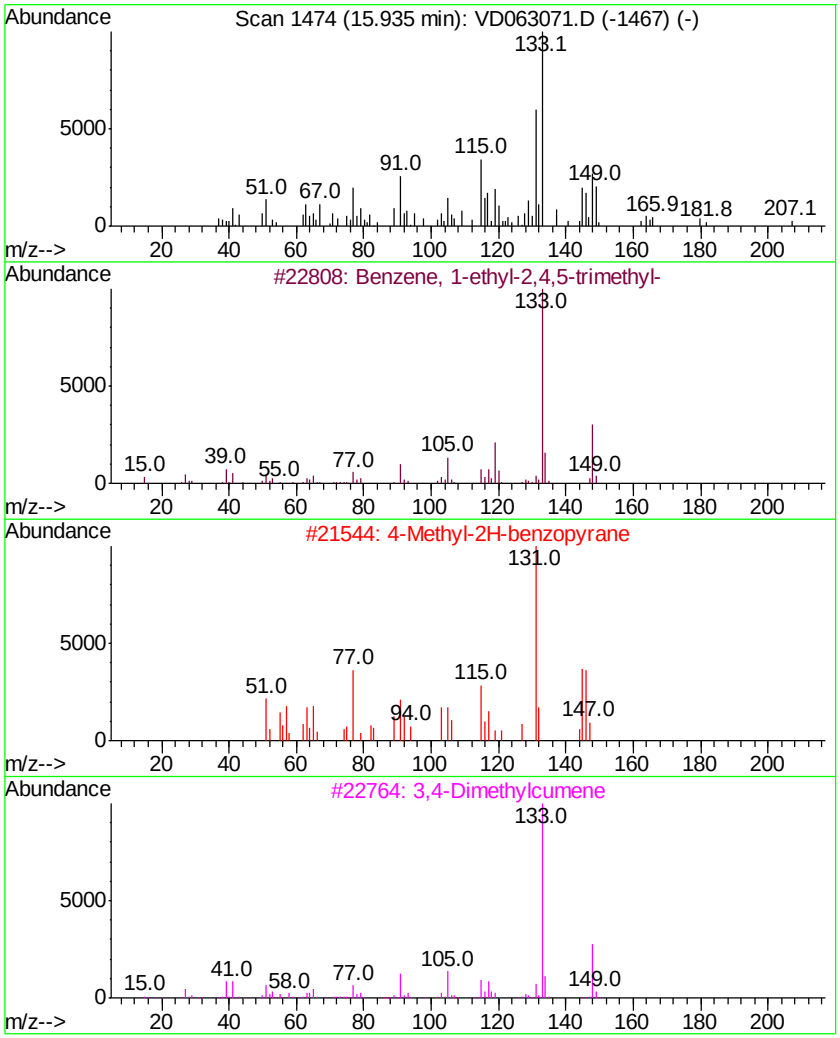
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

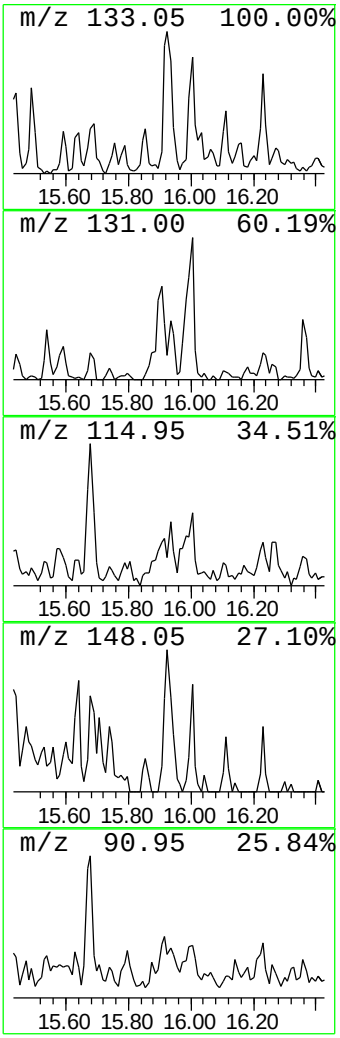
****

Peak Number 6 unknown15.93 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	6.89 ug/l	269978	1,4-Dichlorobenzene-d4	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	46
2	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	38
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	38
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	35
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071219\
Data File : VD063071.D
Acq On : 12 Jul 2019 15:26
Operator : VA/AP
Sample : K3775-03
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : D-3X-ROLL-OFF-DUMPSTER-3

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

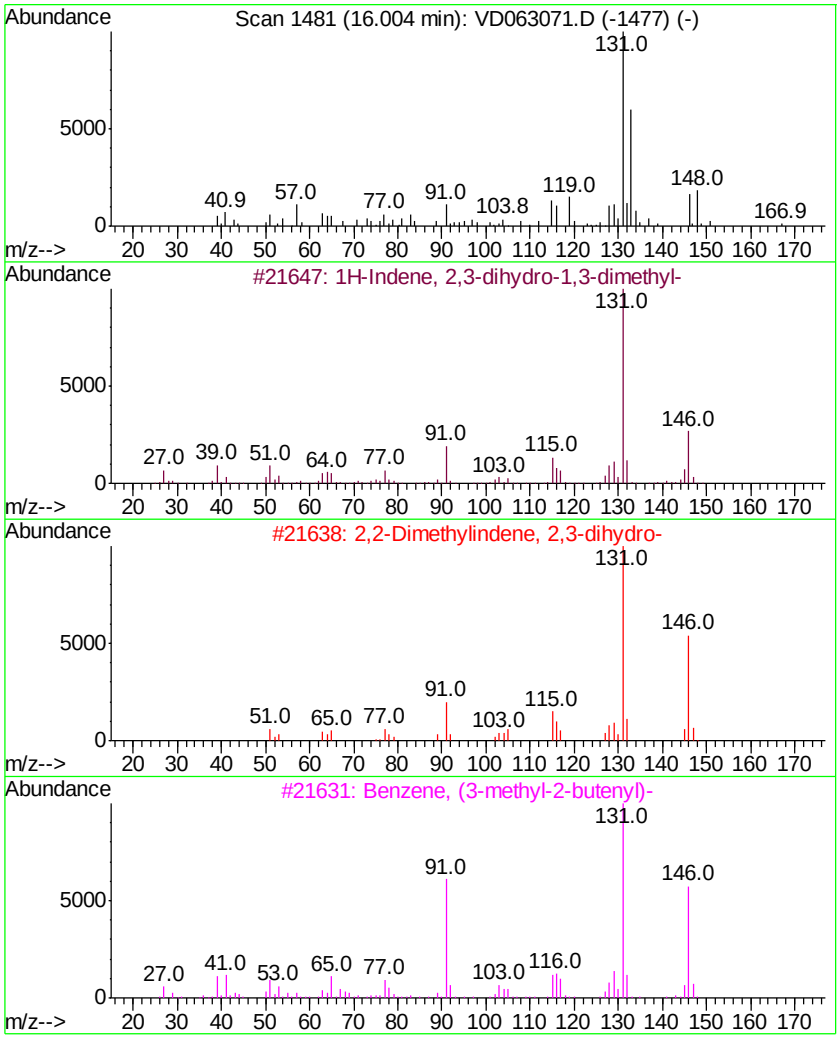
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

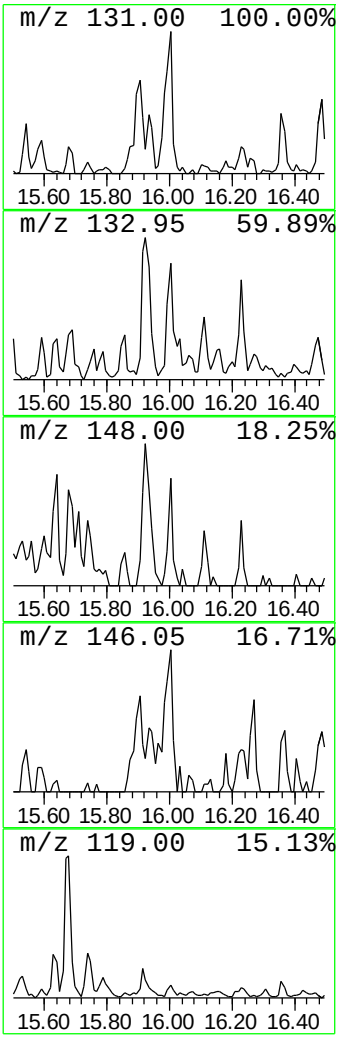
****

Peak Number 7 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	5.36 ug/l	209840	1,4-Dichlorobenzene-d4	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	62
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071219\
Data File : VD063071.D
Acq On : 12 Jul 2019 15:26
Operator : VA/AP
Sample : K3775-03
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : D-3X-ROLL-OFF-DUMPSTER-3

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
p-Cymene	14.78	5.2	ug/l	202111	4	14.53	1958340	50.0
1-Phenyl-1-butene	15.15	7.0	ug/l	274853	4	14.53	1958340	50.0
unknown15.43	15.43	6.1	ug/l	239479	4	14.53	1958340	50.0
Benzene, 1-methyl...	15.68	9.3	ug/l	363869	4	14.53	1958340	50.0
unknown15.93	15.93	6.9	ug/l	269978	4	14.53	1958340	50.0
1H-Indene, 2,3-di...	16.00	5.4	ug/l	209840	4	14.53	1958340	50.0