LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059892.D
Acq On : 23 Aug 2018 17:04
Operator : JC/SY
Sample : J4559-09
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081718-WSW-20-053

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\82D082218S.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	1.415	118	121	124	rBV	1248319	2512292	85.88%	8.170%
2	1.474	124	127	146	rVB	971873	2925489	100.00%	9.514%
3	1.808	159	161	167	rVB3	13183	31817	1.09%	0.103%
4	3.698	349	353	362	rVB	93400	257039	8.79%	0.836%
5	5.646	542	551	559	rBV	34669	106671	3.65%	0.347%
6	6.315	613	619	623	rBV	621188	1563660	53.45%	5.085%
7	6.394	623	627	643	rVV	766809	2091044	71.48%	6.800%
8	6.610	644	649	656	rVB2	18136	50689	1.73%	0.165%
9	6.778	661	666	677	rBV	491419	1232517	42.13%	4.008%
10	6.975	681	686	694	rVB	84696	244991	8.37%	0.797%
11	7.437	727	733	749	rBV	1023872	2425487	82.91%	7.888%
12	8.077	795	798	802	rVV	25020	62996	2.15%	0.205%
13	8.146	802	805	810	rVV2	30944	72448	2.48%	0.236%
14	8.648	849	856	864	rBV	94586	256982	8.78%	0.836%
15	8.825	867	874	882	rBV2	101587	340751	11.65%	1.108%
16	9.012	890	893	897	rVB3	13951	33687	1.15%	0.110%
17	9.120	897	904	906	rBV4	12539	36970	1.26%	0.120%
18	9.395	927	932	934	rBV	50050	111245	3.80%	0.362%
19	9.454	934	938	953	rVB	1272046	2921285	99.86%	9.500%
20	9.947	982	988	993	rVB4	12378	38407	1.31%	0.125%
21	10.114	1000	1005	1009	rBV3	13186	34651	1.18%	0.113%
22	10.202	1009	1014	1021	rBV	184735	524383	17.92%	1.705%
23	10.320	1021	1026	1031	rVV5	17014	60406	2.06%	0.196%
24	10.448	1037	1039	1043	rVB	18849	36159	1.24%	0.118%
25	10.586	1048	1053	1063	rBV	32993	105061	3.59%	0.342%
26	10.793	1070	1074	1077	rBV	58102	126316	4.32%	0.411%
27	11.049	1097	1100	1102	rBV2	27782	56235	1.92%	0.183%
28	11.088	1102	1104	1108	rVB2	22521	40640	1.39%	0.132%
29	11.216	1112	1117	1121	rBV3	20853	56326	1.93%	0.183%
30	11.295	1121	1125	1132	rBV	1401042	2211535	75.60%	7.192%
31	11.442	1137	1140	1145	rVB3	53038	105915	3.62%	0.344%
32	11.570	1145	1153	1159	rBV2	54441	166298	5.68%	0.541%
33	11.659	1159	1162	1166	rVB2	36928	66883	2.29%	0.218%
34	11.895	1182	1186	1189	rBV3	55899	142092	4.86%	0.462%

LSC Area Percent Report

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Data File : VD059892.D
Acq On : 23 Aug 2018 17:04
Operator : JC/SY
Sample : J4559-09
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081718-WSW-20-053

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\82D082218S.M
Title : SW846 8260

35	11.974	1192	1194	1198	rVB2	23606	46857	1.60%	0.152%
36	12.102	1201	1207	1211	rBV4	55527	129575	4.43%	0.421%
37	12.180	1211	1215	1216	rBV3	27416	57599	1.97%	0.187%
38	12.210	1216	1218	1222	rVB	74327	112256	3.84%	0.365%
39	12.289	1223	1226	1229	rVB	58232	96534	3.30%	0.314%
40	12.348	1229	1232	1238	rBV3	52826	112675	3.85%	0.366%
41	12.436	1238	1241	1246	rBV	1191673	1755949	60.02%	5.710%
42	12.495	1246	1247	1250	rVB3	34378	32494	1.11%	0.106%
43	12.594	1250	1257	1261	rBV2	196433	500815	17.12%	1.629%
44	12.653	1261	1263	1265	rVB	46005	56076	1.92%	0.182%
45	12.702	1265	1268	1269	rBV2	36766	64688	2.21%	0.210%
46	12.761	1271	1274	1276	rBV2	59150	104897	3.59%	0.341%
47	12.800	1276	1278	1280	rVV2	31330	35309	1.21%	0.115%
48	12.840	1280	1282	1285	rVB2	93242	142129	4.86%	0.462%
49	12.899	1285	1288	1290	rBV3	37825	72258	2.47%	0.235%
50	12.968	1292	1295	1299	rBV4	35704	73898	2.53%	0.240%
51	13.105	1302	1309	1314	rVB5	85270	239714	8.19%	0.780%
52	13.233	1318	1322	1324	rBV3	70286	124980	4.27%	0.406%
53	13.273	1324	1326	1328	rVB2	33592	40100	1.37%	0.130%
54	13.381	1334	1337	1340	rBV	1144958	1422979	48.64%	4.628%
55	13.460	1343	1345	1346	rBV	60428	80520	2.75%	0.262%
56	13.568	1354	1356	1360	rBV	215257	291506	9.96%	0.948%
57	13.637	1360	1363	1365	rBV2	141810	206102	7.05%	0.670%
58	13.676	1365	1367	1369	rVB2	55909	82532	2.82%	0.268%
59	13.716	1369	1371	1373	rVB	43264	48970	1.67%	0.159%
60	13.775	1375	1377	1378	rBV	28517	36856	1.26%	0.120%
61	13.873	1385	1387	1389	rBV2	25411	42341	1.45%	0.138%
62	13.912	1389	1391	1393	rVV	232789	248168	8.48%	0.807%
63	13.952	1393	1395	1397	rVV	52293	66003	2.26%	0.215%
64	14.001	1397	1400	1404	rVB	192899	286397	9.79%	0.931%
65	14.080	1404	1408	1410	rBV3	33688	73999	2.53%	0.241%
66	14.139	1410	1414	1416	rBV4	50576	104483	3.57%	0.340%
67	14.198	1418	1420	1423	rVV	199860	268116	9.16%	0.872%
68	14.237	1423	1424	1426	rVB	51404	40033	1.37%	0.130%
69	14.286	1426	1429	1432	rBV2	110005	174837	5.98%	0.569%
70	14.385	1438	1439	1441	rVB	36516	41346	1.41%	0.134%
71	14.434	1441	1444	1447	rVV2	61206	101995	3.49%	0.332%

LSC Area Percent Report

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Acq On : 23 Aug 2018 17:04
Operator : JC/SY
Sample : J4559-09
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081718-WSW-20-053

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\82D082218S.M
Title : SW846 8260

72	14.483	1447	1449	1451	rVB2	30494	30082	1.03%	0.098%
73	14.532	1451	1454	1458	rBV	363391	489772	16.74%	1.593%
74	14.591	1458	1460	1463	rVB	79555	90068	3.08%	0.293%
75	14.660	1464	1467	1470	rBV4	31357	52430	1.79%	0.171%
76	14.769	1474	1478	1482	rVV2	112705	277812	9.50%	0.903%
77	14.847	1482	1486	1489	rVV2	155157	318993	10.90%	1.037%
78	14.896	1489	1491	1493	rVV3	25179	42859	1.47%	0.139%
79	14.975	1495	1499	1500	rVV3	21088	40138	1.37%	0.131%
80	15.005	1500	1502	1504	rVV2	22930	33762	1.15%	0.110%
81	15.083	1506	1510	1512	rVV4	84863	167729	5.73%	0.545%
82	15.113	1512	1513	1515	rVV2	66444	78303	2.68%	0.255%
83	15.152	1515	1517	1521	rVV2	40429	65183	2.23%	0.212%
84	15.211	1521	1523	1526	rVV	51381	70676	2.42%	0.230%
85	15.270	1526	1529	1532	rVB4	30752	55665	1.90%	0.181%
86	15.339	1532	1536	1540	rBV2	95408	191453	6.54%	0.623%
87	15.428	1543	1545	1548	rVV	52034	82146	2.81%	0.267%
88	15.487	1548	1551	1553	rVV	55873	86186	2.95%	0.280%
89	15.595	1558	1562	1564	rVB	42549	68827	2.35%	0.224%
90	15.920	1592	1595	1599	rVB4	23136	42529	1.45%	0.138%

Sum of corrected areas: 30749966

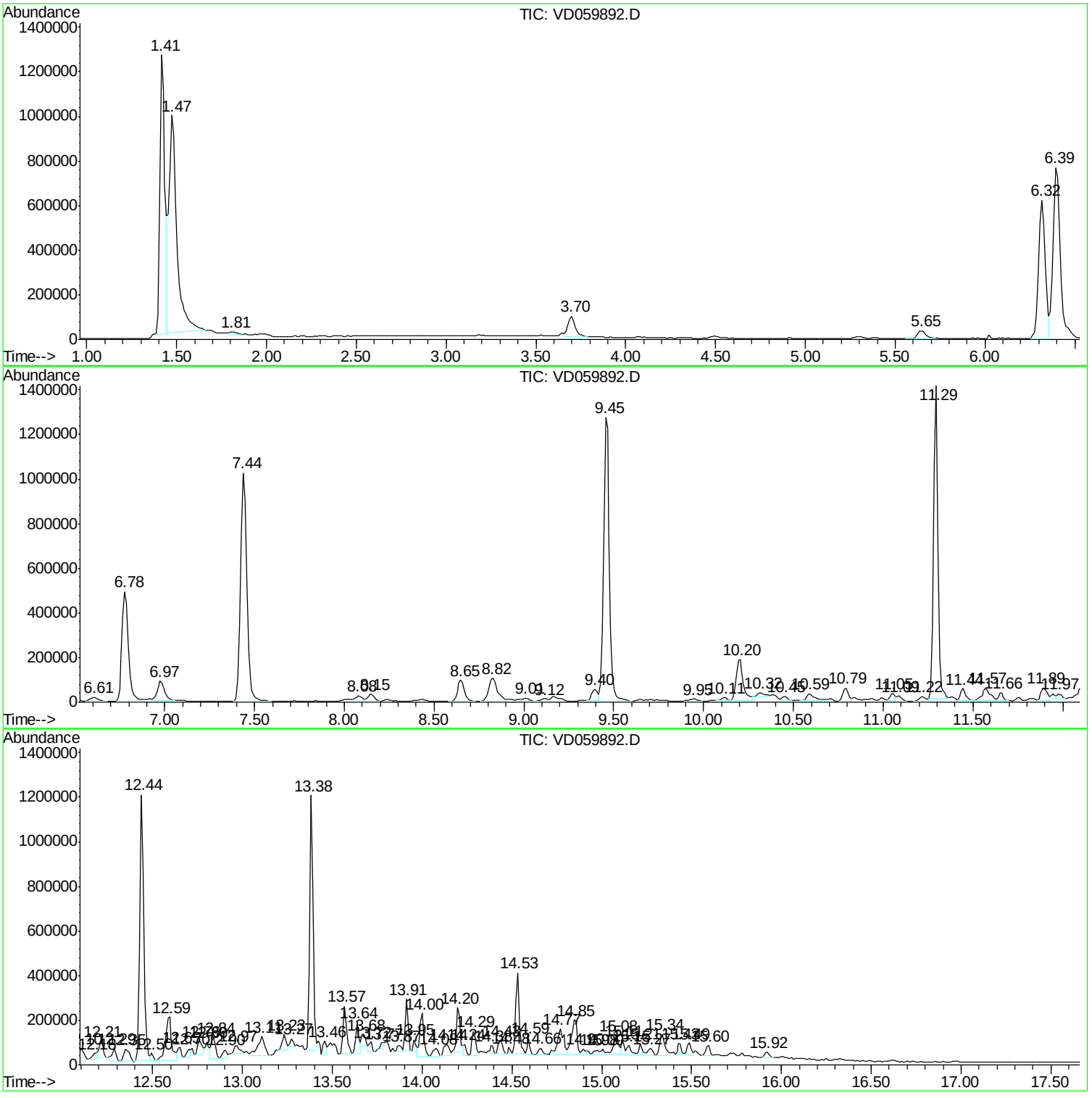
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059892.D
Acq On : 23 Aug 2018 17:04
Operator : JC/SY
Sample : J4559-09
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-053

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.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\VD082318\
Data File : VD059892.D
Acq On : 23 Aug 2018 17:04
Operator : JC/SY
Sample : J4559-09
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081718-WSW-20-053

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260

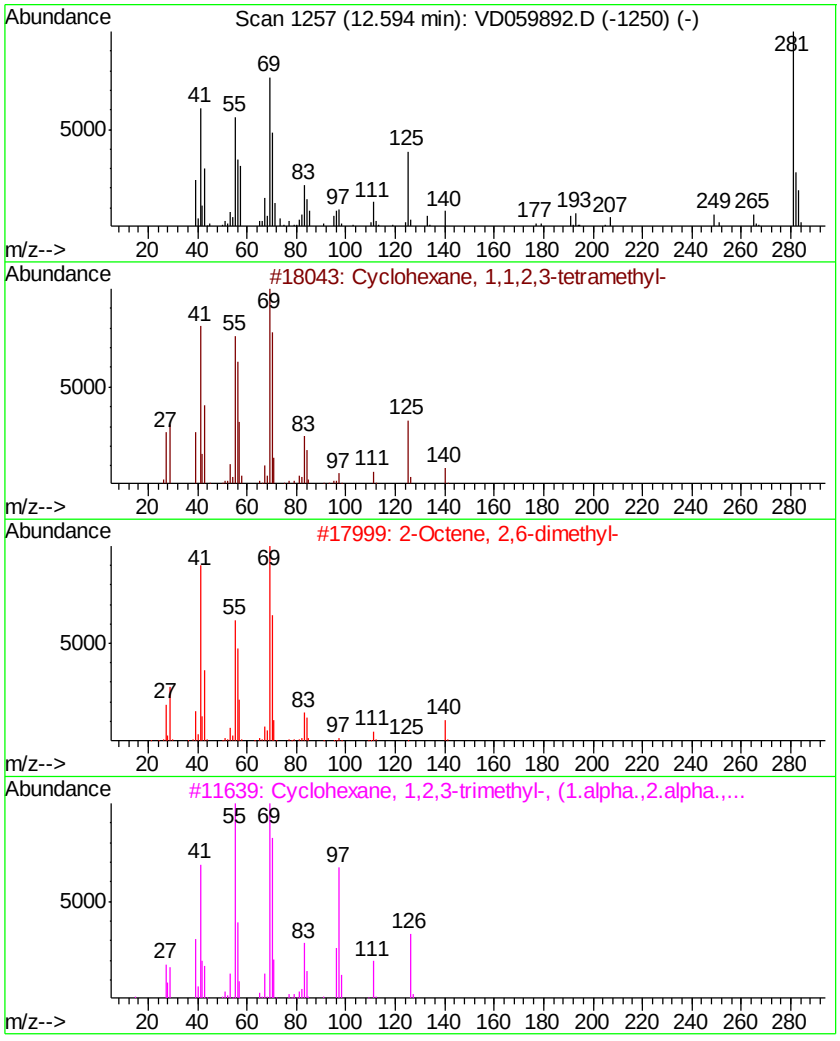
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

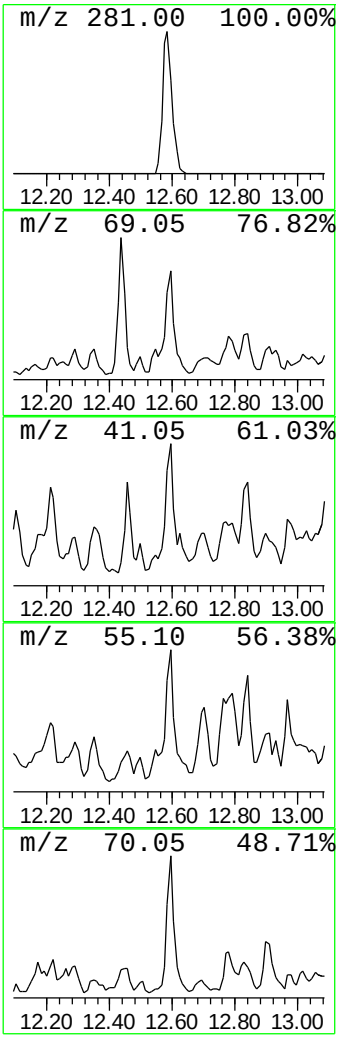
****

Peak Number 4 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	17.60 ug/l	500815	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	55
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	42
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	35
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	35
5	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059892.D
Acq On : 23 Aug 2018 17:04
Operator : JC/SY
Sample : J4559-09
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081718-WSW-20-053

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260

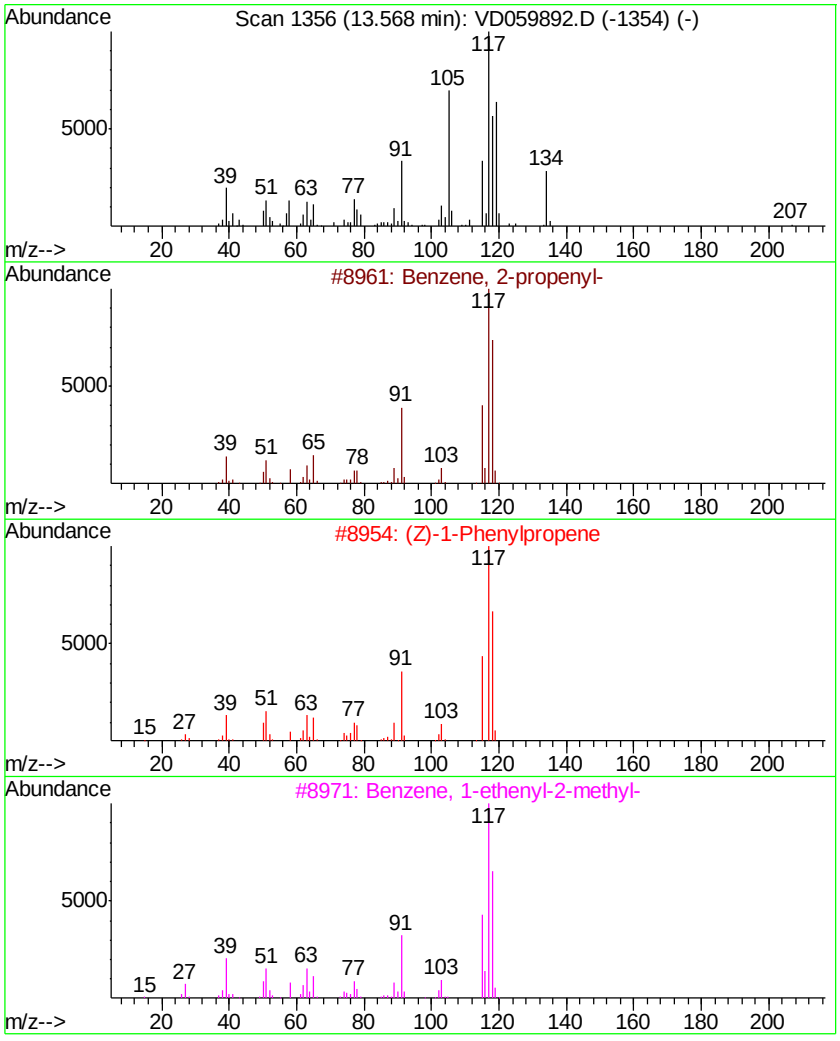
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

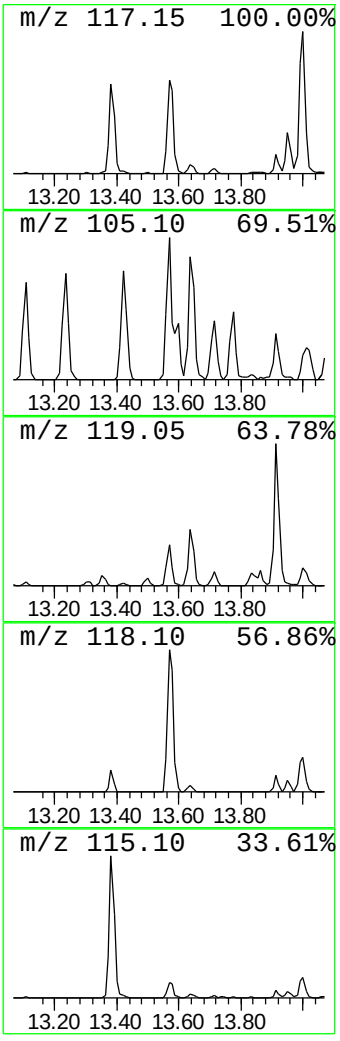
****

Peak Number 5 Benzene, 2-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	10.24 ug/l	291506	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	78
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	78
5	Indane	118	C9H10	000496-11-7	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059892.D
Acq On : 23 Aug 2018 17:04
Operator : JC/SY
Sample : J4559-09
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-053

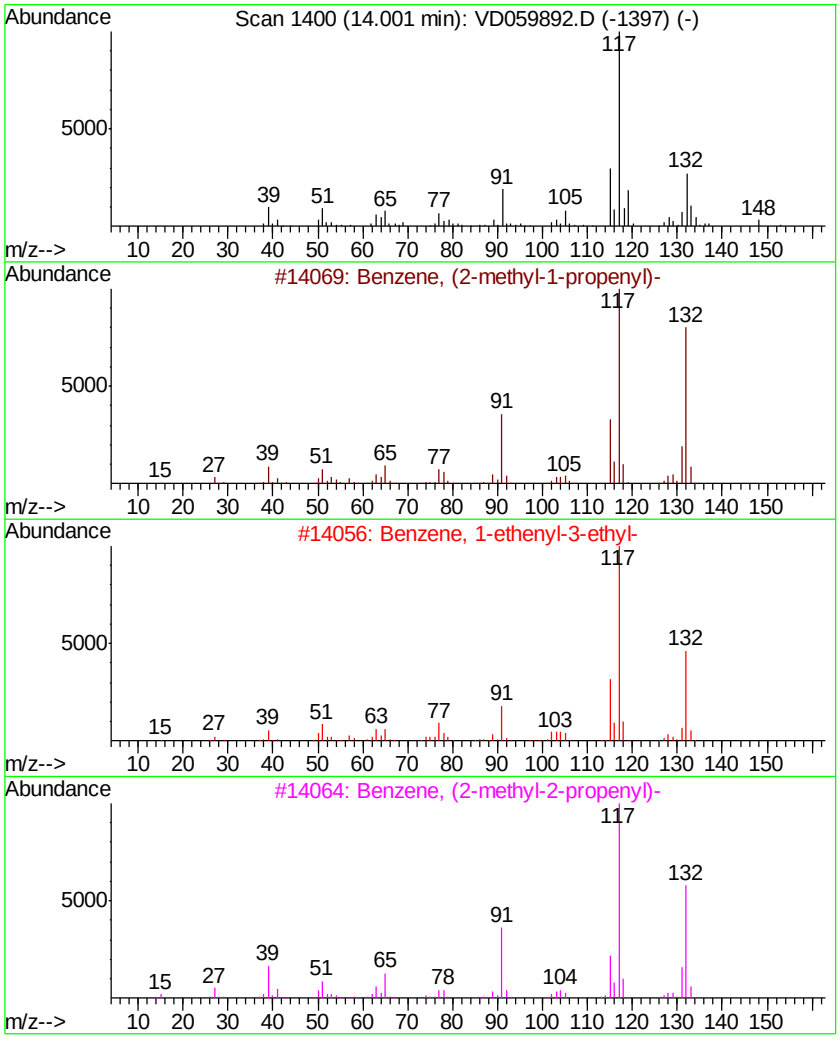
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260

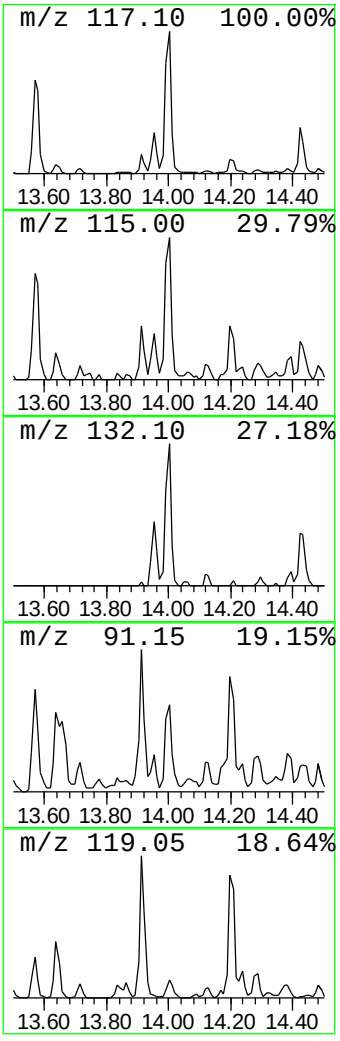
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, (2-methyl-1-propen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	10.06 ug/l	286397	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76
5	Indan, 1-methyl-	132	C10H12	000767-58-8	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059892.D
Acq On : 23 Aug 2018 17:04
Operator : JC/SY
Sample : J4559-09
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081718-WSW-20-053

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260

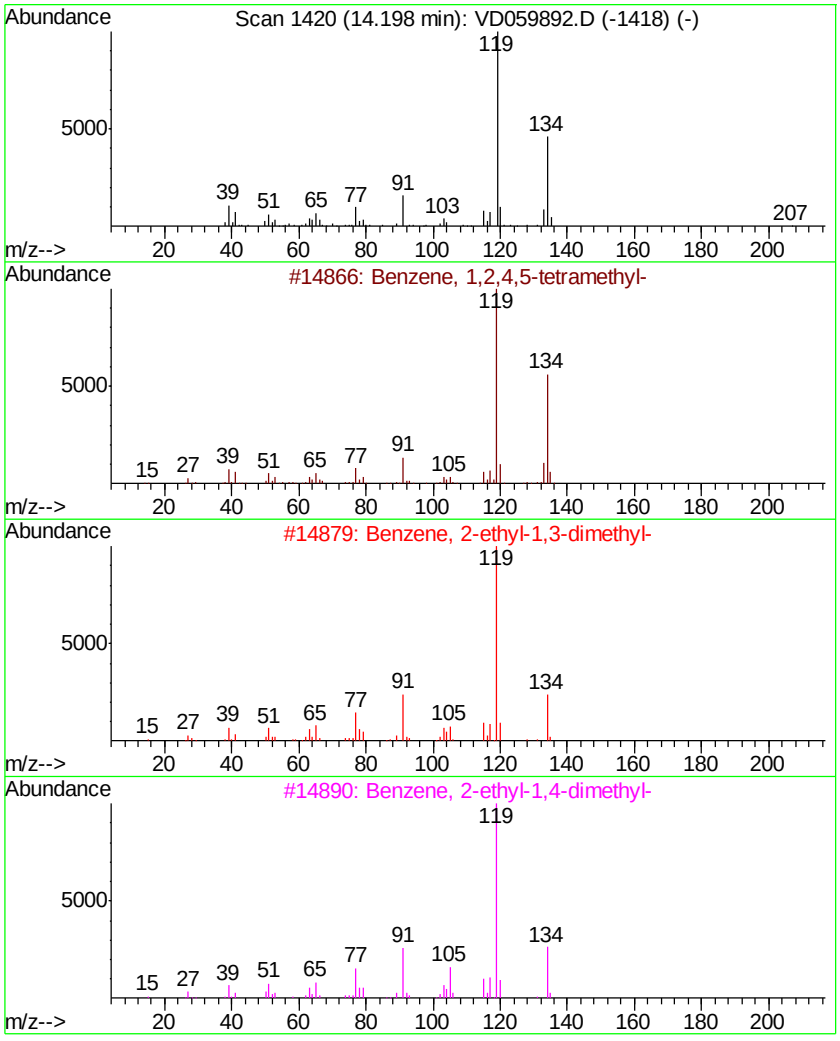
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

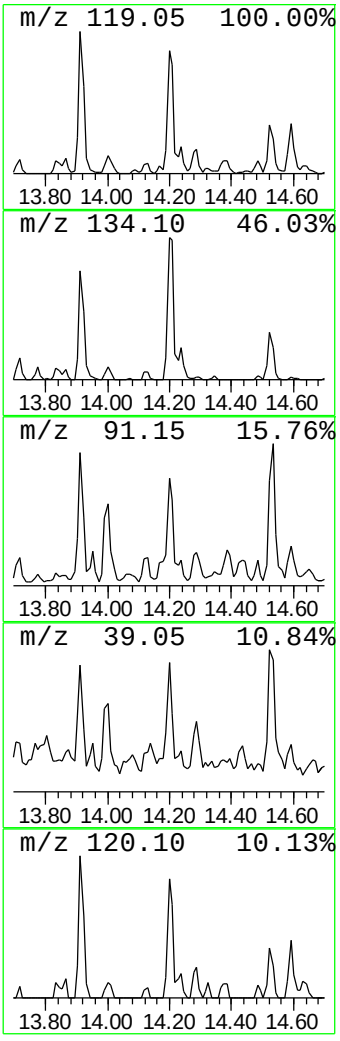
****

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	9.42 ug/l	268116	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059892.D
Acq On : 23 Aug 2018 17:04
Operator : JC/SY
Sample : J4559-09
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081718-WSW-20-053

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260

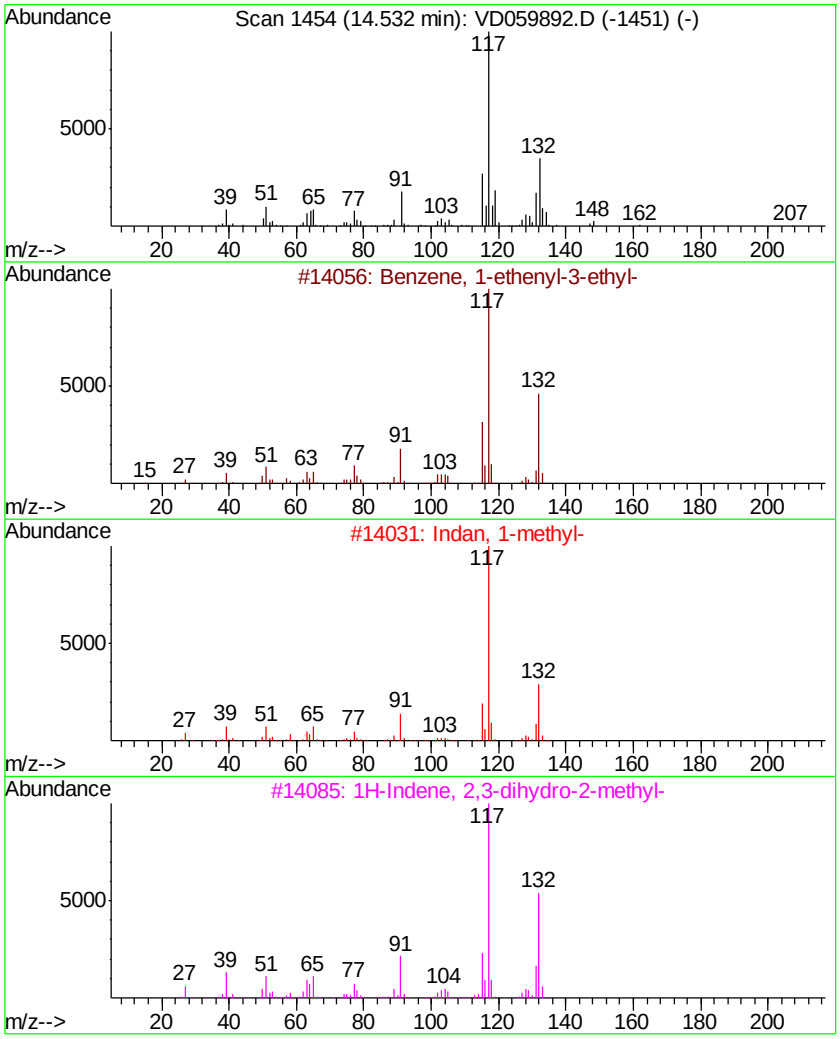
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

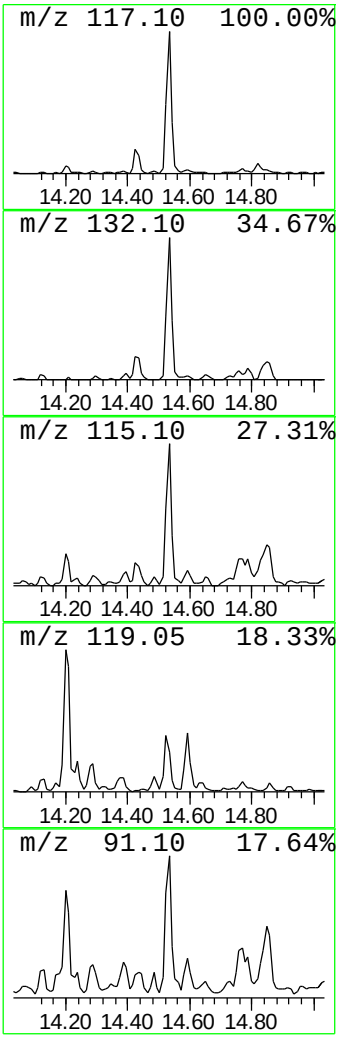
****

Peak Number 8 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	17.21 ug/l	489772	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059892.D
Acq On : 23 Aug 2018 17:04
Operator : JC/SY
Sample : J4559-09
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081718-WSW-20-053

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260

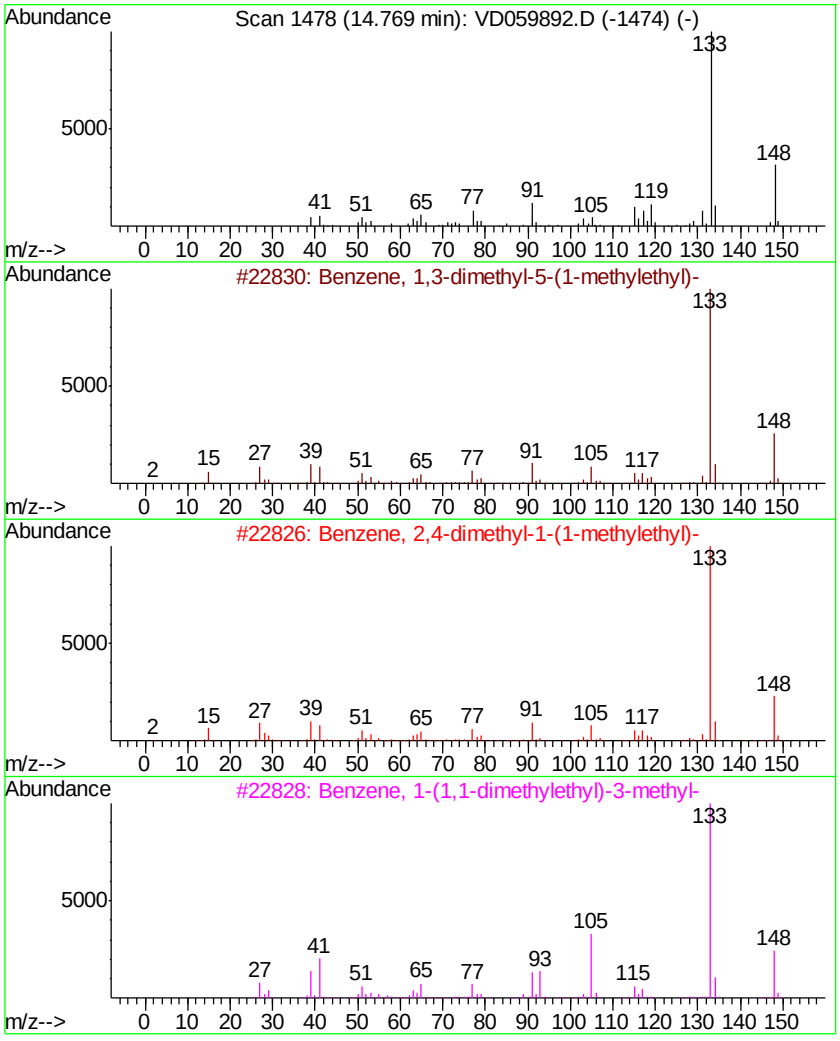
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

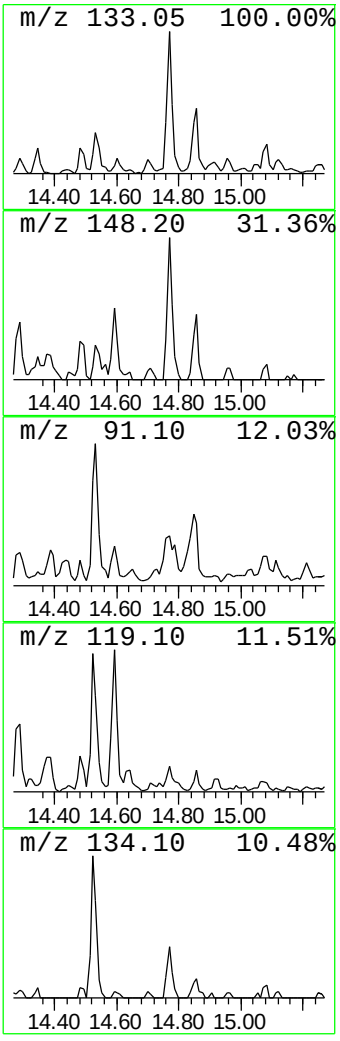
****

Peak Number 9 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	9.76 ug/l	277812	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
3	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	90
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059892.D
Acq On : 23 Aug 2018 17:04
Operator : JC/SY
Sample : J4559-09
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081718-WSW-20-053

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260

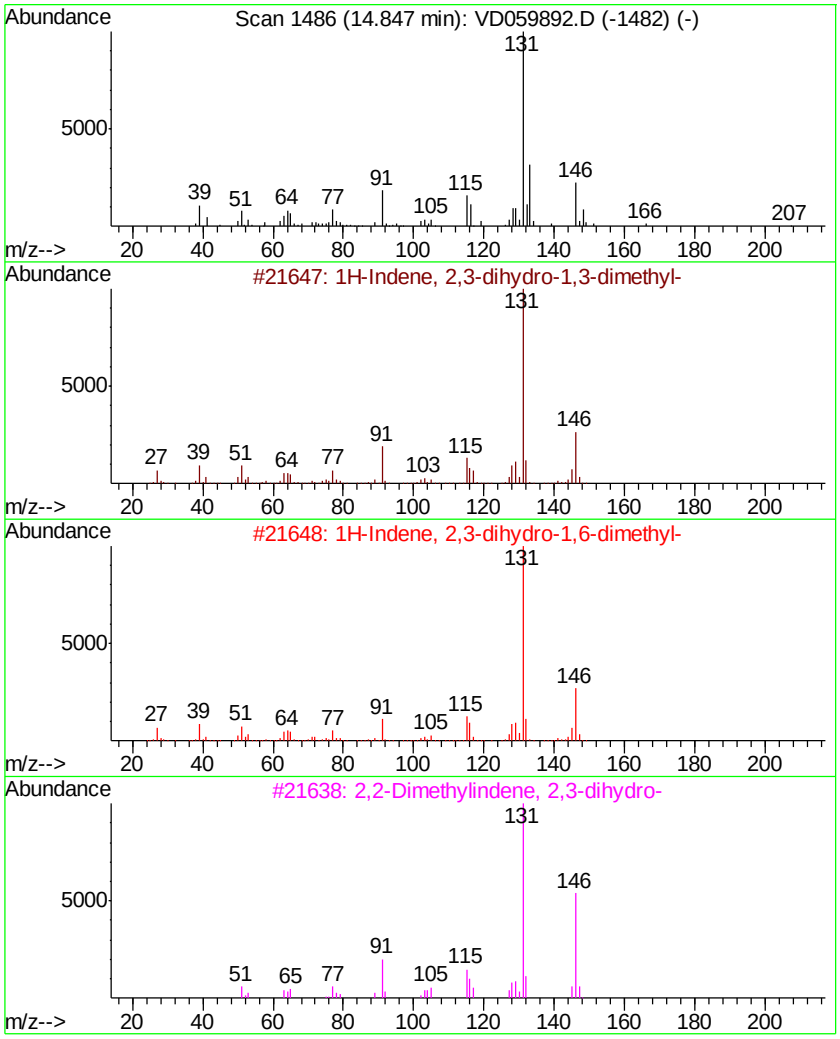
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

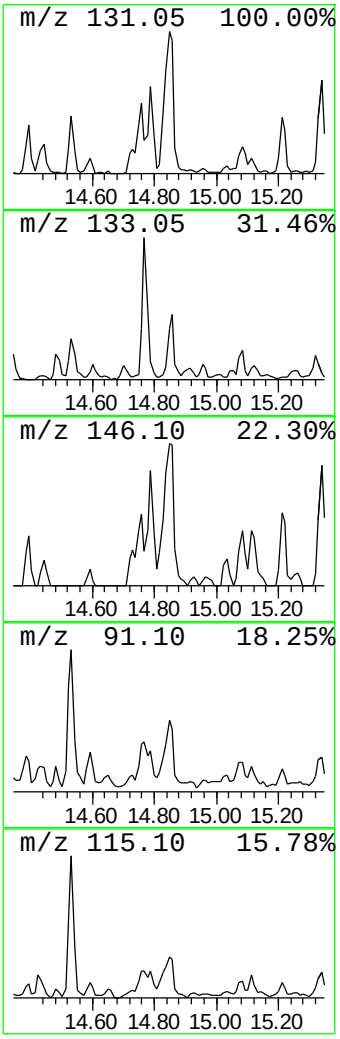
****

Peak Number 10 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	11.21 ug/l	318993	1,4-Dichlorobenzene-d4	13.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082318\
Data File : VD059892.D
Acq On : 23 Aug 2018 17:04
Operator : JC/SY
Sample : J4559-09
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : RA-081718-WSW-20-053

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.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
Cyclohexane, 1,1,...	12.59	17.6	ug/l	500815	4	13.38	1422980	50.0
Benzene, 2-propenyl-	13.57	10.2	ug/l	291506	4	13.38	1422980	50.0
Benzene, (2-methy...	14.00	10.1	ug/l	286397	4	13.38	1422980	50.0
Benzene, 1,2,4,5-...	14.20	9.4	ug/l	268116	4	13.38	1422980	50.0
Benzene, 1-etheny...	14.53	17.2	ug/l	489772	4	13.38	1422980	50.0
Benzene, 1,3-dime...	14.77	9.8	ug/l	277812	4	13.38	1422980	50.0
1H-Indene, 2,3-di...	14.85	11.2	ug/l	318993	4	13.38	1422980	50.0