Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060989.D
Acq On : 8 Mar 2019 17:46
Operator : VA/AP
Sample : K1693-03
Misc : 5.73g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OR-01-030719-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\82D030719S.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	3.218	176	182	195	rBV	30098	86910	2.49%	0.276%
2	3.818	238	243	256	rBV	87194	263944	7.55%	0.840%
3	3.995	256	261	269	rVB	13524	48118	1.38%	0.153%
4	6.142	472	479	491	rBV	92780	300007	8.59%	0.954%
5	6.929	552	559	566	rBV	620396	1783786	51.06%	5.674%
6	7.047	566	571	589	rVB	695952	2081604	59.58%	6.622%
7	7.461	606	613	627	rBV	415249	1158551	33.16%	3.685%
8	8.219	684	690	709	rBV	950306	2599384	74.40%	8.269%
9	8.868	746	756	761	rBV4	13077	37233	1.07%	0.118%
10	10.404	907	912	919	rBV	1450895	3493746	100.00%	11.114%
11	10.512	919	923	933	rVB	141590	324967	9.30%	1.034%
12	11.231	992	996	1001	rBV	15167	41648	1.19%	0.132%
13	12.373	1107	1112	1120	rVV	1734126	3135482	89.75%	9.974%
14	12.521	1124	1127	1133	rVB	30521	51254	1.47%	0.163%
15	12.659	1135	1141	1147	rBV	129121	270531	7.74%	0.861%
16	12.737	1147	1149	1156	rVB2	25135	44763	1.28%	0.142%
17	13.052	1178	1181	1184	rVB	110134	169286	4.85%	0.539%
18	13.220	1193	1198	1201	rVB4	17170	37464	1.07%	0.119%
19	13.308	1201	1207	1213	rBV4	27993	74650	2.14%	0.237%
20	13.554	1229	1232	1241	rVV	1613654	2408370	68.93%	7.661%
21	13.663	1241	1243	1245	rVV	28621	37867	1.08%	0.120%
22	13.712	1245	1248	1252	rVV	54253	85825	2.46%	0.273%
23	13.771	1252	1254	1257	rVV	59721	76996	2.20%	0.245%
24	13.850	1257	1262	1264	rVV	242347	339118	9.71%	1.079%
25	13.879	1264	1265	1268	rVV	113416	143382	4.10%	0.456%
26	13.928	1268	1270	1272	rVV	137697	220315	6.31%	0.701%
27	13.968	1272	1274	1277	rVV	141585	199621	5.71%	0.635%
28	14.086	1281	1286	1288	rVV	154218	273284	7.82%	0.869%
29	14.115	1288	1289	1292	rVV2	34630	47809	1.37%	0.152%
30	14.204	1296	1298	1299	rVV	50911	67295	1.93%	0.214%
31	14.234	1299	1301	1306	rVV	507108	728820	20.86%	2.318%
32	14.322	1308	1310	1312	rVV	25834	48619	1.39%	0.155%
33	14.371	1312	1315	1319	rVV3	54357	130592	3.74%	0.415%
34	14.440	1319	1322	1324	rVV	116629	173717	4.97%	0.553%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060989.D
Acq On : 8 Mar 2019 17:46
Operator : VA/AP
Sample : K1693-03
Misc : 5.73g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OR-01-030719-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\82D030719S.M
Title : SW846 8260

35	14.519	1327	1330	1332	rVV	2344537	2903322	83.10%	9.236%
36	14.558	1332	1334	1339	rVV	293846	453114	12.97%	1.441%
37	14.647	1339	1343	1345	rVV3	71401	138433	3.96%	0.440%
38	14.706	1345	1349	1351	rVV	310641	480154	13.74%	1.527%
39	14.775	1354	1356	1362	rVV2	253491	540156	15.46%	1.718%
40	14.854	1362	1364	1365	rVV	47218	70666	2.02%	0.225%
41	14.883	1365	1367	1374	rVV2	217895	527211	15.09%	1.677%
42	14.982	1374	1377	1378	rVV	121488	196070	5.61%	0.624%
43	15.001	1378	1379	1382	rVV	150776	219727	6.29%	0.699%
44	15.051	1382	1384	1387	rVV	182517	310481	8.89%	0.988%
45	15.090	1387	1388	1390	rVV	81268	103520	2.96%	0.329%
46	15.139	1390	1393	1399	rVV2	213502	436864	12.50%	1.390%
47	15.228	1399	1402	1404	rVV4	59168	121124	3.47%	0.385%
48	15.277	1404	1407	1409	rVV2	112402	230019	6.58%	0.732%
49	15.316	1409	1411	1412	rVV	76604	107959	3.09%	0.343%
50	15.346	1412	1414	1416	rVV	112598	179388	5.13%	0.571%
51	15.376	1416	1417	1420	rVV	147789	206777	5.92%	0.658%
52	15.425	1420	1422	1425	rVV3	109131	211743	6.06%	0.674%
53	15.474	1425	1427	1430	rVV3	58463	125349	3.59%	0.399%
54	15.572	1430	1437	1439	rVV2	222240	453257	12.97%	1.442%
55	15.602	1439	1440	1442	rVV	78311	120504	3.45%	0.383%
56	15.671	1442	1447	1452	rVV2	397871	805995	23.07%	2.564%
57	15.740	1452	1454	1457	rVV2	62286	119901	3.43%	0.381%
58	15.799	1457	1460	1465	rVV	328427	468125	13.40%	1.489%
59	15.897	1465	1470	1472	rVV2	59904	195587	5.60%	0.622%
60	15.937	1472	1474	1475	rVV	66790	87860	2.51%	0.279%
61	15.996	1475	1480	1483	rVV2	84343	208133	5.96%	0.662%
62	16.055	1484	1486	1490	rVV5	22228	61103	1.75%	0.194%
63	16.124	1490	1493	1497	rVV	69620	129183	3.70%	0.411%
64	16.173	1497	1498	1501	rVV	55101	64740	1.85%	0.206%
65	16.232	1501	1504	1509	rVB3	63665	111021	3.18%	0.353%
66	16.508	1526	1532	1537	rVB	42609	63384	1.81%	0.202%

Sum of corrected areas: 31435828

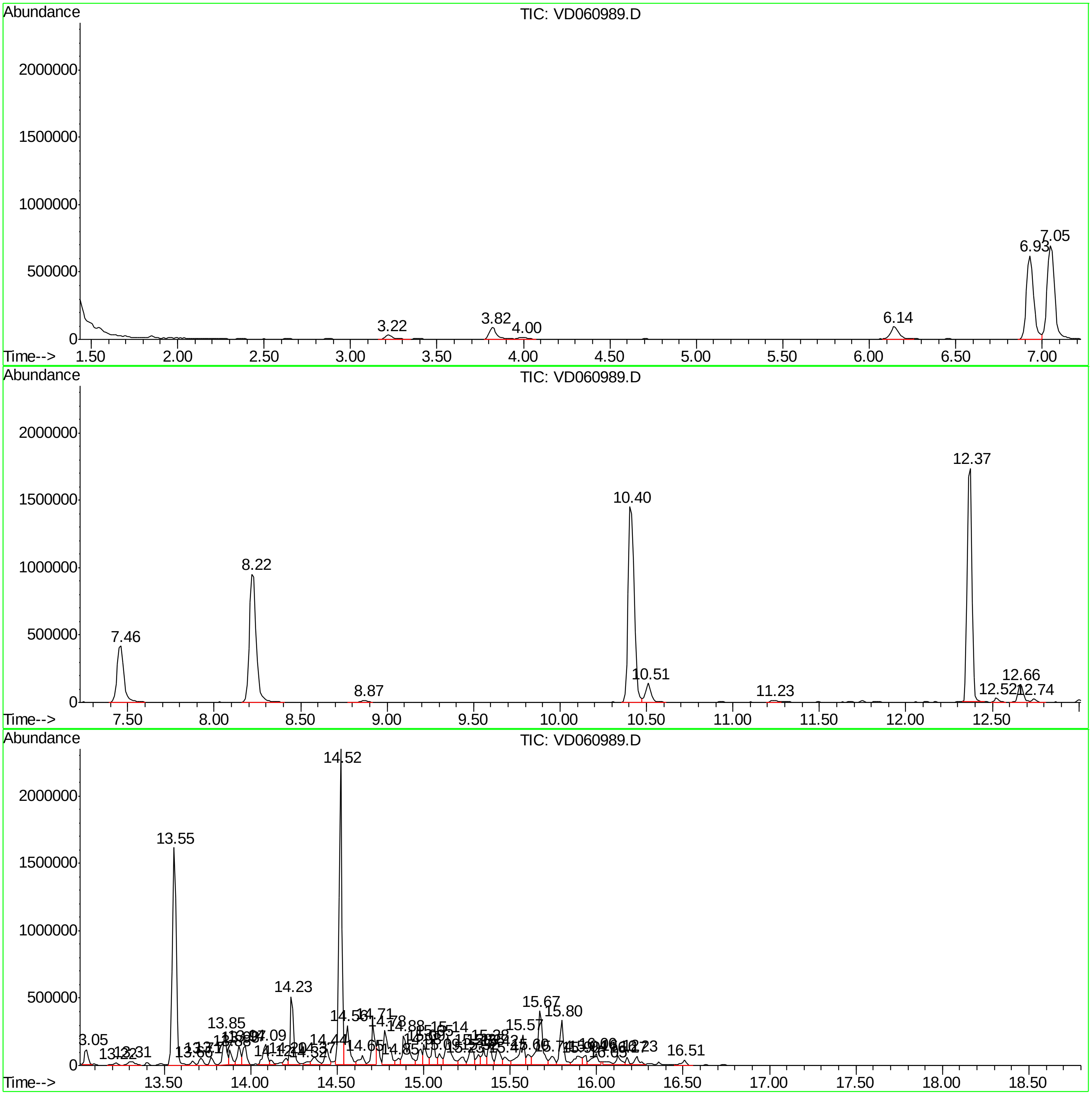
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060989.D
Acq On : 8 Mar 2019 17:46
Operator : VA/AP
Sample : K1693-03
Misc : 5.73g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260

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

Instrument :
MSVOA_D
ClientSampleId :
OR-01-030719-B



Instrument :
MSVOA_D
ClientSampleId :
OR-01-030719-B

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060989.D
Acq On    :  8 Mar 2019  17:46
Operator  : VA/AP
Sample    : K1693-03
Misc      : 5.73g/5ml/MSVOA D/SOIL
ALS Vial  : 15   Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title  : SW846 8260

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

*********************************************************************
Peak Number  2  Benzene, 1-ethyl-2-methyl-      Concentration Rank  8
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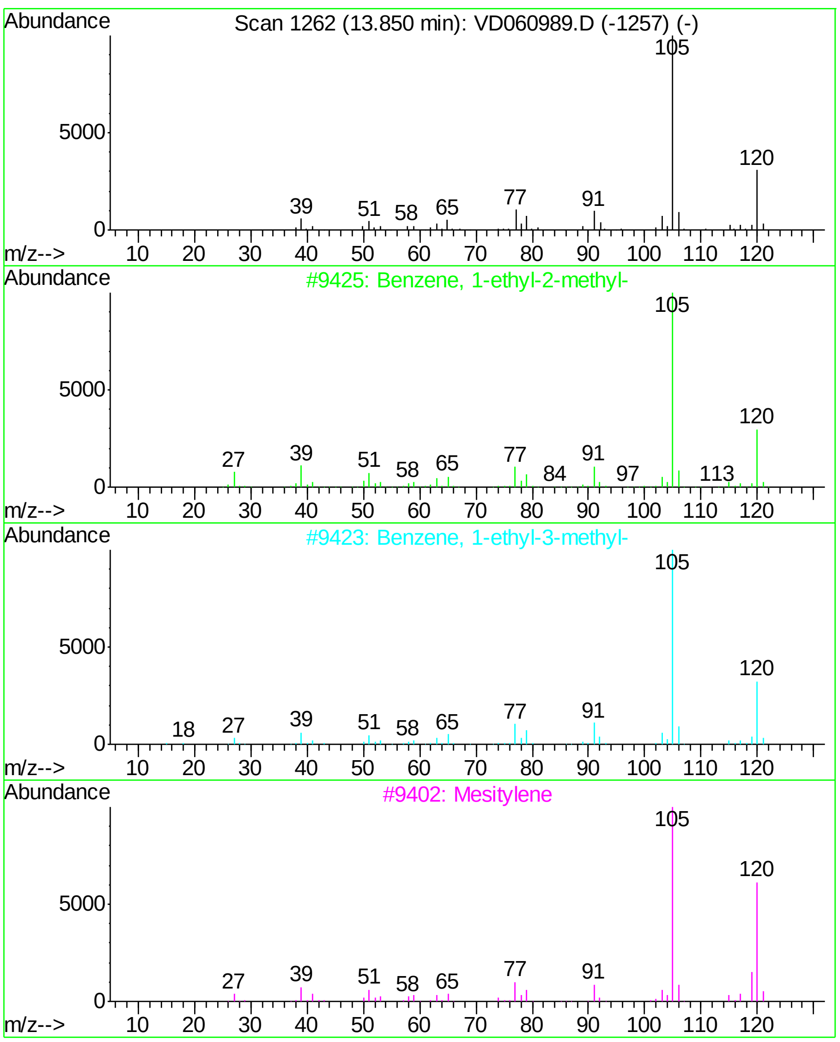
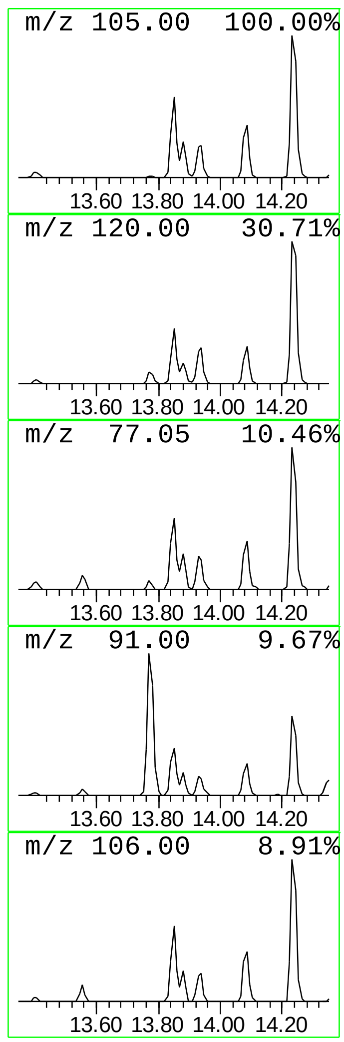
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	5.84 ug/l	339118	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060989.D
Acq On : 8 Mar 2019 17:46
Operator : VA/AP
Sample : K1693-03
Misc : 5.73g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-01-030719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260

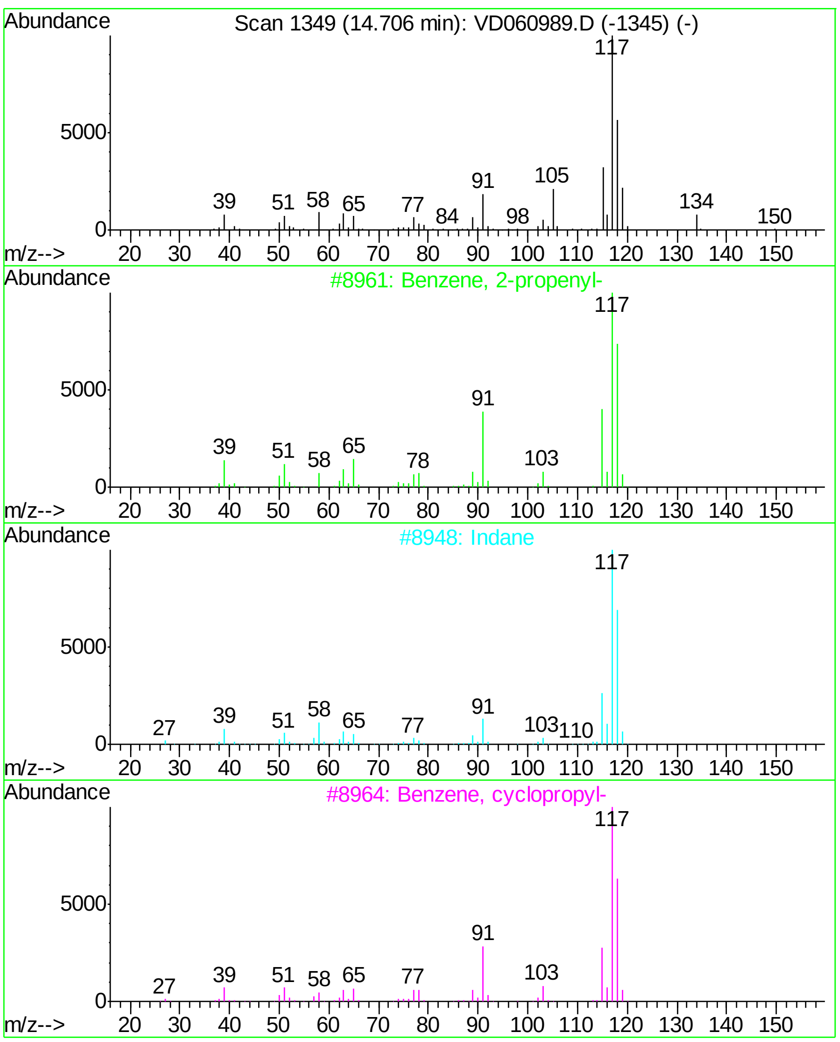
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

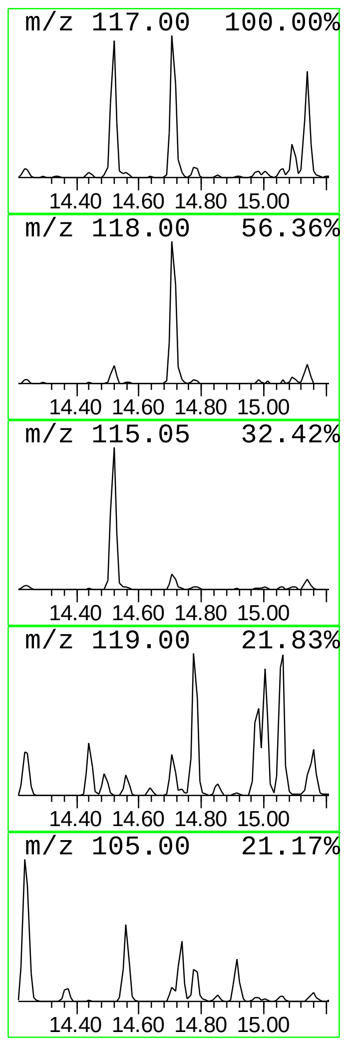
****

Peak Number 3 Benzene, 2-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	8.27 ug/l	480154	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	62





Library Search Compound Report

Instrument :
MSVOA_D
ClientSampleId :
OR-01-030719-B

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060989.D
Acq On : 8 Mar 2019 17:46
Operator : VA/AP
Sample : K1693-03
Misc : 5.73g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260

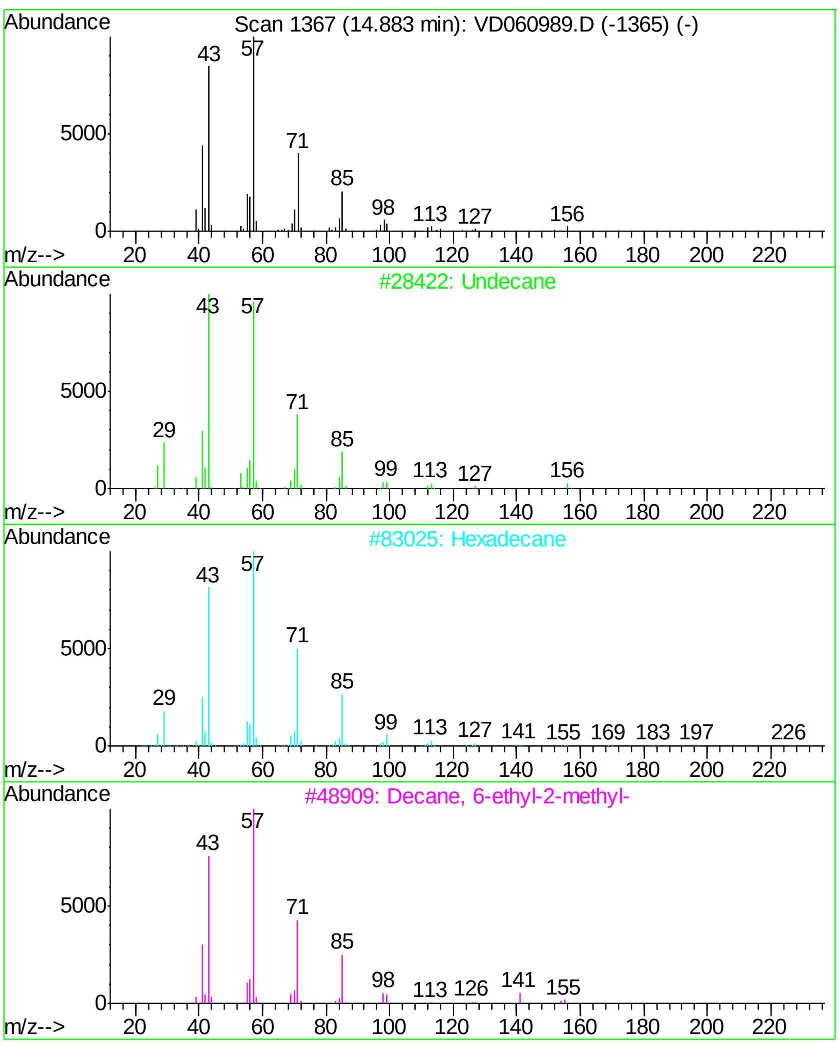
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

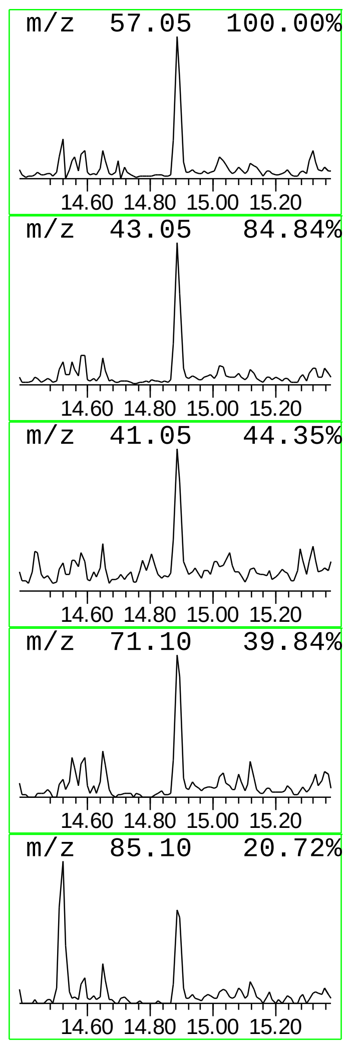
****

Peak Number 4 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	9.08 ug/l	527211	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	95
2	Hexadecane	226	C16H34	000544-76-3	83
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060989.D
Acq On : 8 Mar 2019 17:46
Operator : VA/AP
Sample : K1693-03
Misc : 5.73g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OR-01-030719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260

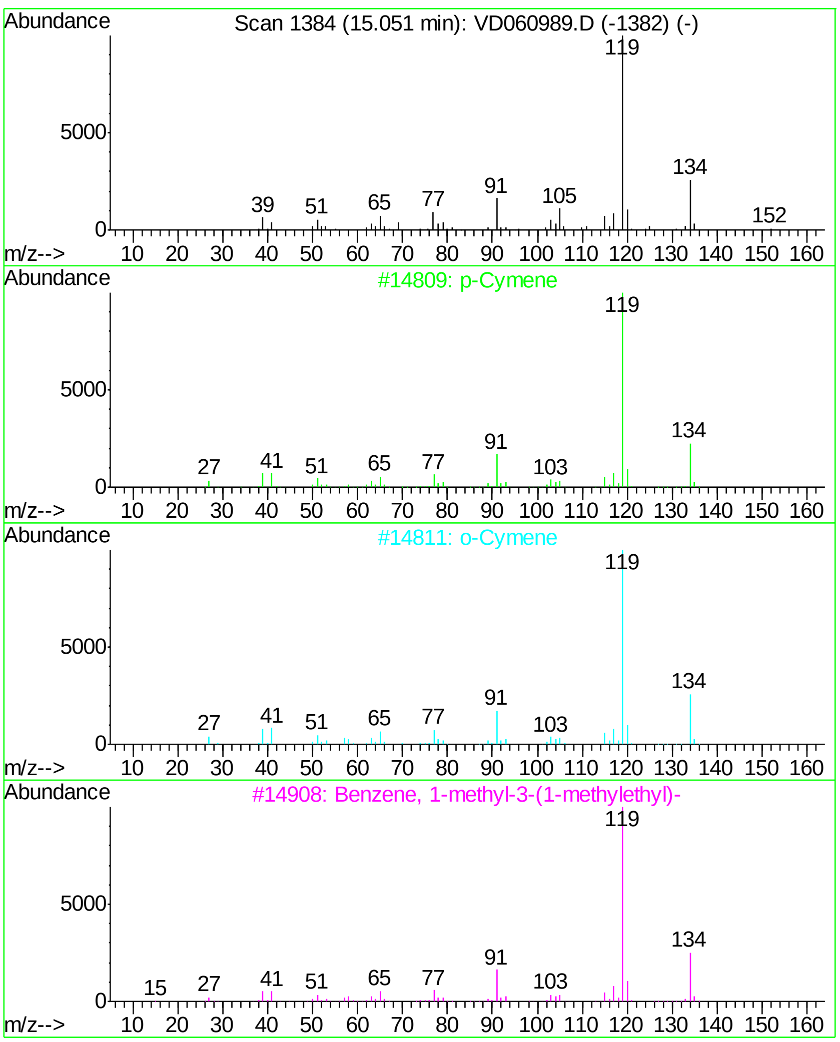
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

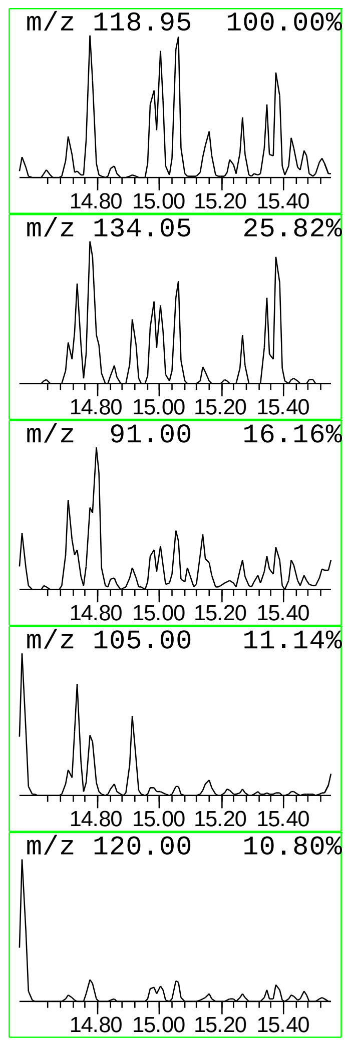
****

Peak Number 5 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	5.35 ug/l	310481	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060989.D
Acq On : 8 Mar 2019 17:46
Operator : VA/AP
Sample : K1693-03
Misc : 5.73g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-01-030719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260

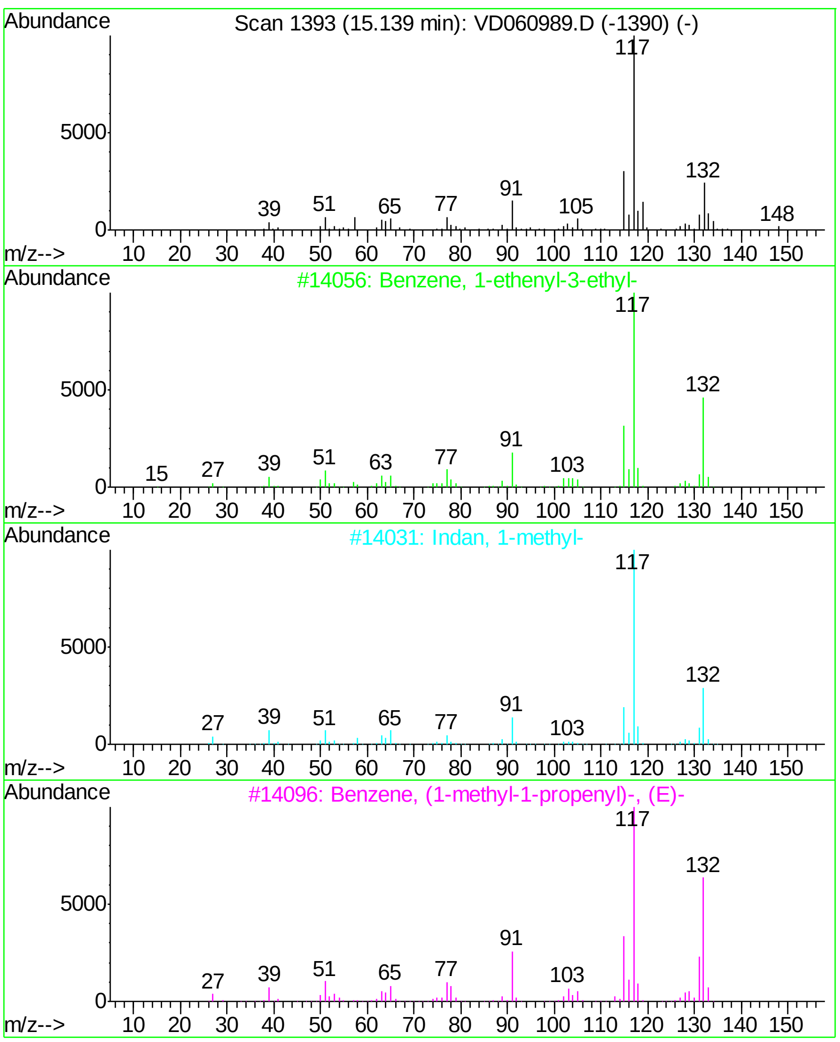
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

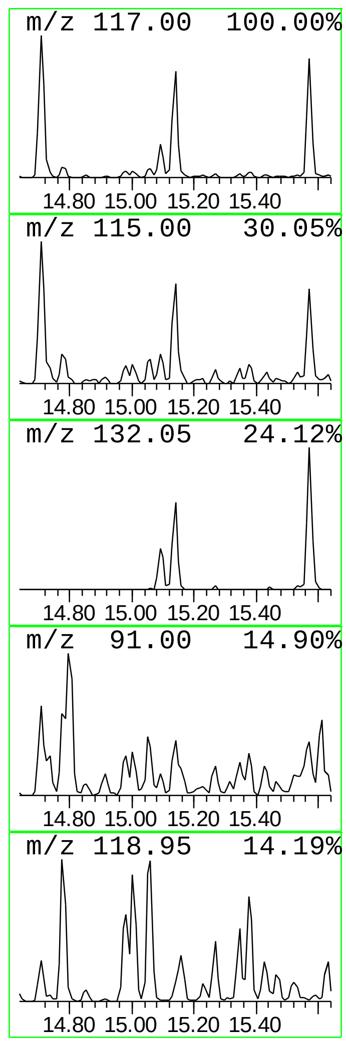
****

Peak Number 6 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	7.52 ug/l	436864	1,4-Dichlorobenzene-d4	14.52

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	81
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060989.D
Acq On : 8 Mar 2019 17:46
Operator : VA/AP
Sample : K1693-03
Misc : 5.73g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OR-01-030719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260

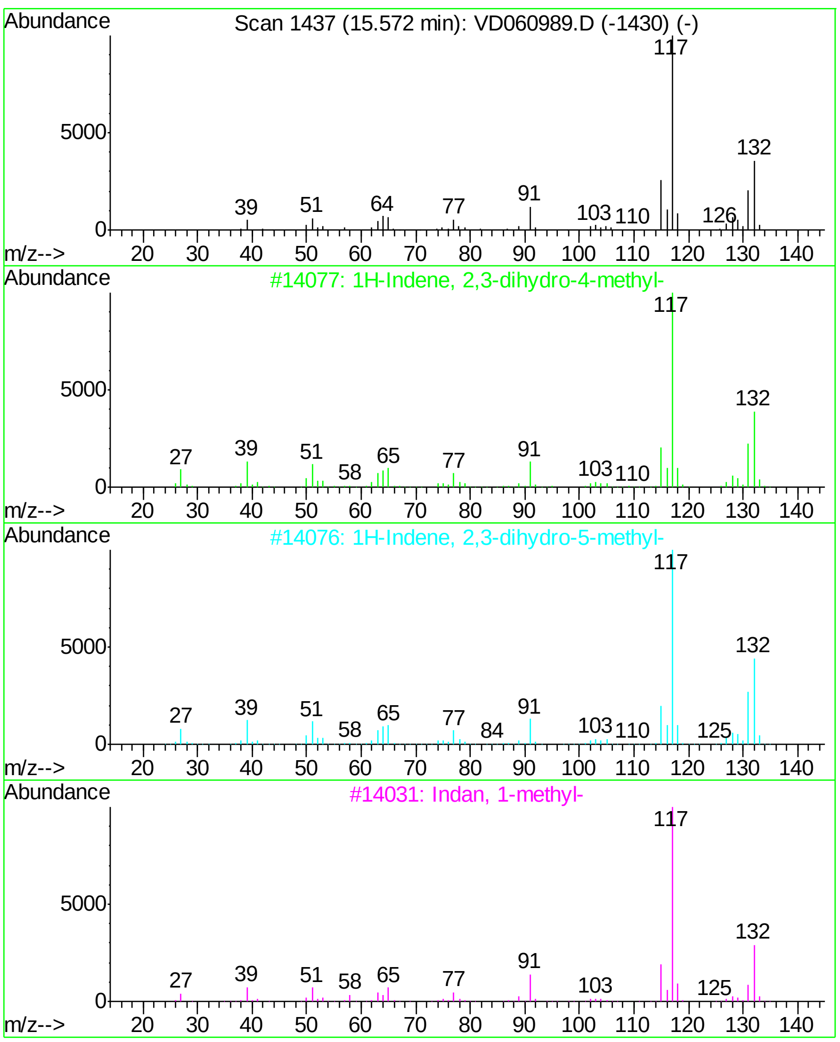
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

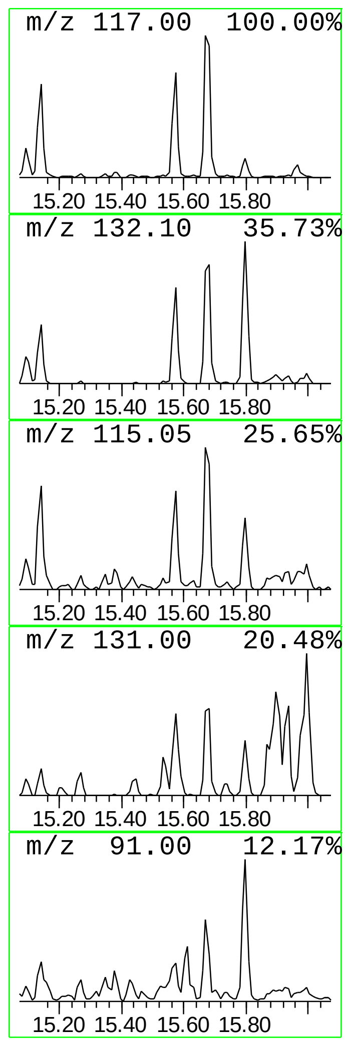
****

Peak Number 7 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	7.81 ug/l	453257	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060989.D
Acq On : 8 Mar 2019 17:46
Operator : VA/AP
Sample : K1693-03
Misc : 5.73g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OR-01-030719-B

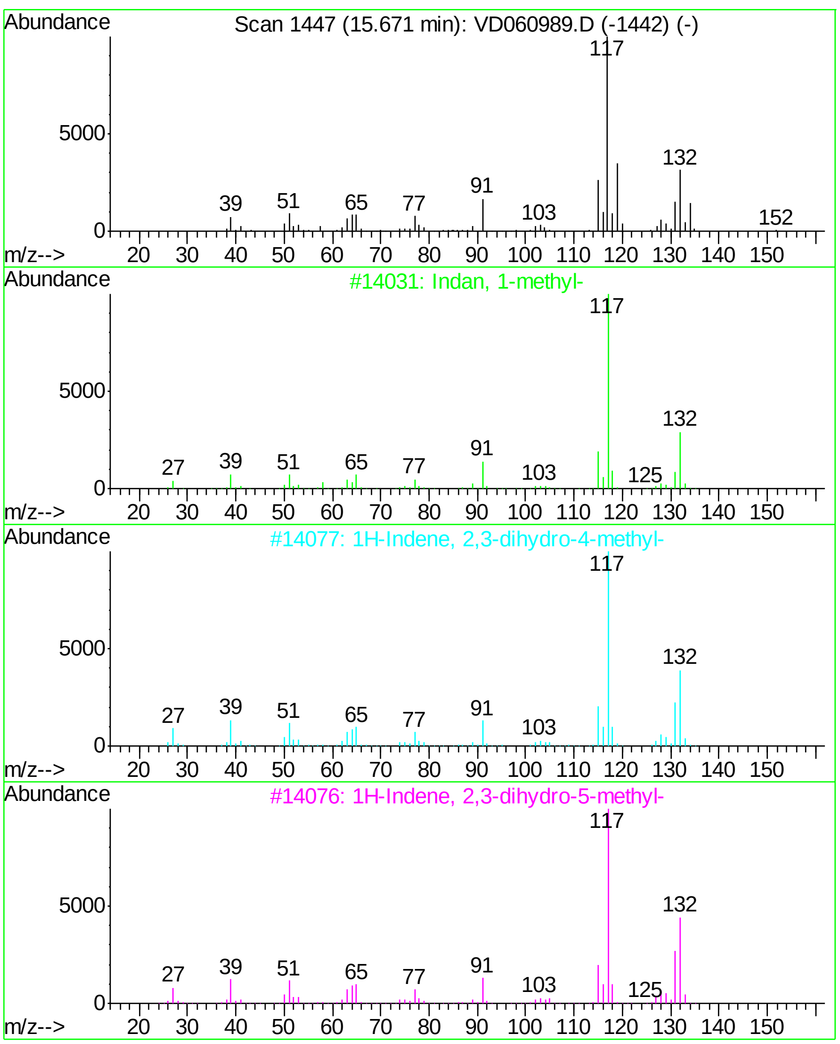
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260

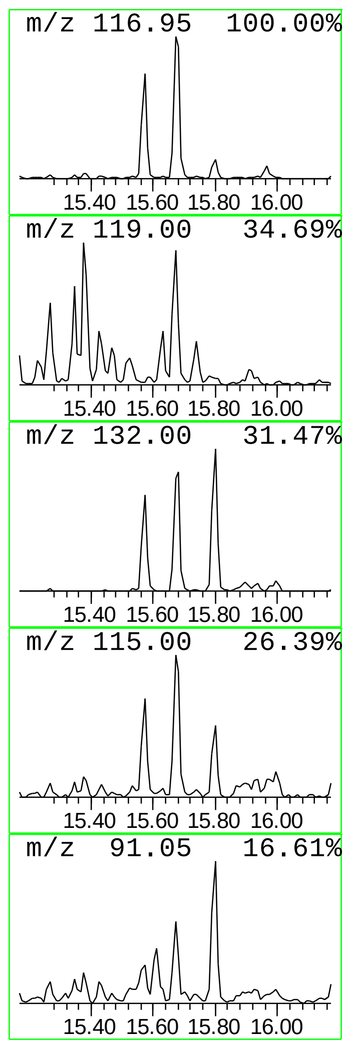
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indan, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	13.88 ug/l	805995	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
Data File : VD060989.D
Acq On : 8 Mar 2019 17:46
Operator : VA/AP
Sample : K1693-03
Misc : 5.73g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-01-030719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260

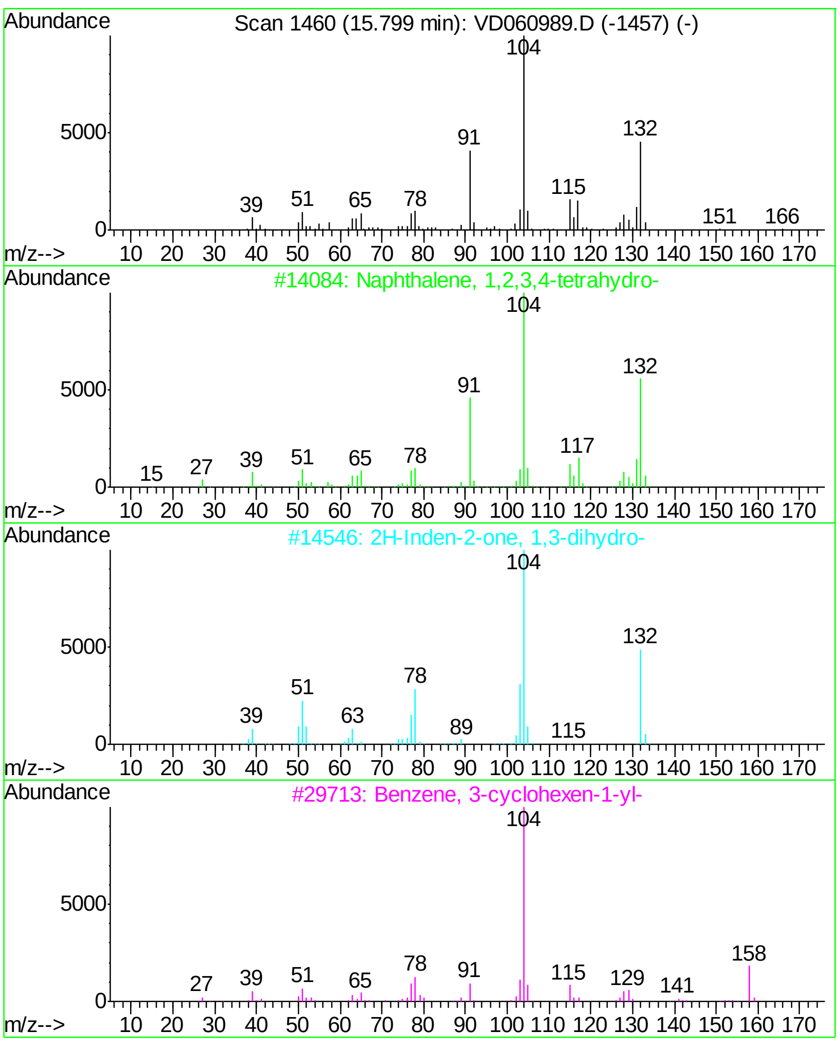
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

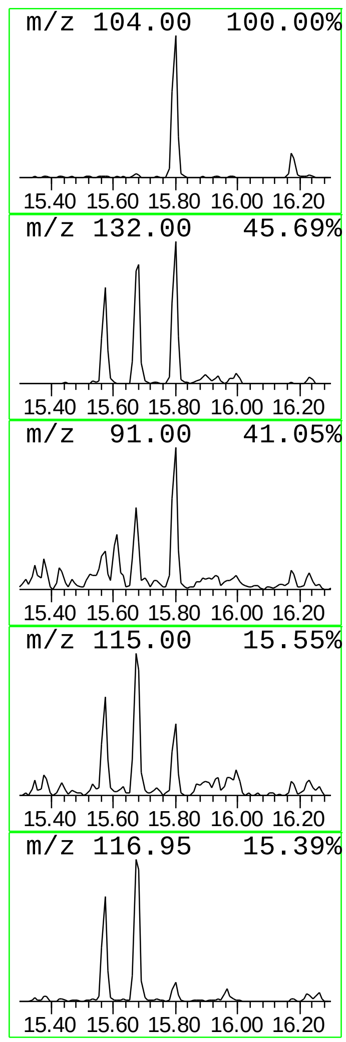
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	8.06 ug/l	468125	1,4-Dichlorobenzene-d4	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
3	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
4	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	43
5	Acetic acid, trifluoro-, 2-pheny...	218	C10H9F3O2	055419-66-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030819\
Data File : VD060989.D
Acq On : 8 Mar 2019 17:46
Operator : VA/AP
Sample : K1693-03
Misc : 5.73g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-01-030719-B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.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-ethyl-...	13.85	5.8	ug/l	339118	4	14.52	2903320	50.0
Benzene, 2-propenyl-	14.71	8.3	ug/l	480154	4	14.52	2903320	50.0
Undecane	14.88	9.1	ug/l	527211	4	14.52	2903320	50.0
p-Cymene	15.05	5.3	ug/l	310481	4	14.52	2903320	50.0
Benzene, 1-etheny...	15.14	7.5	ug/l	436864	4	14.52	2903320	50.0
1H-Indene, 2,3-di...	15.57	7.8	ug/l	453257	4	14.52	2903320	50.0
Indan, 1-methyl-	15.67	13.9	ug/l	805995	4	14.52	2903320	50.0
Naphthalene, 1,2,...	15.80	8.1	ug/l	468125	4	14.52	2903320	50.0