LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-04-100318-A

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_F\METHODS\82F100118S.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	1.123	45	50	56	rBV4	17736	72361	5.48%	0.681%
2	1.350	71	73	76	rBV4	8678	16151	1.22%	0.152%
3	3.104	250	251	254	rVB2	12203	15109	1.14%	0.142%
4	4.268	363	369	379	rBV	187487	564191	42.69%	5.312%
5	5.017	437	445	456	rBV2	384015	1321602	100.00%	12.444%
6	5.746	512	519	526	rBV	434341	1155121	87.40%	10.876%
7	6.840	629	630	633	rBV	19171	14061	1.06%	0.132%
8	7.688	711	716	726	rVV	379070	904319	68.43%	8.515%
9	9.896	935	940	948	rBV	548116	1273591	96.37%	11.992%
10	11.503	1096	1103	1114	rBV	394399	730144	55.25%	6.875%
11	11.897	1141	1143	1147	rVB5	7539	13303	1.01%	0.125%
12	12.094	1161	1163	1167	rVB2	8967	16805	1.27%	0.158%
13	12.272	1178	1181	1185	rVB4	8752	17045	1.29%	0.160%
14	12.498	1200	1204	1206	rBV5	10819	15545	1.18%	0.146%
15	12.627	1213	1217	1220	rBV	705763	1179884	89.28%	11.109%
16	12.676	1220	1222	1231	rVB	64087	111607	8.44%	1.051%
17	12.794	1231	1234	1237	rBV3	18433	38057	2.88%	0.358%
18	12.843	1237	1239	1241	rBV2	15999	23442	1.77%	0.221%
19	12.893	1241	1244	1251	rVB3	35156	72315	5.47%	0.681%
20	13.001	1251	1255	1257	rBV4	16333	30849	2.33%	0.290%
21	13.070	1260	1262	1267	rVB	31991	50844	3.85%	0.479%
22	13.159	1267	1271	1274	rBV3	22963	53156	4.02%	0.500%
23	13.218	1274	1277	1279	rBV	53367	75724	5.73%	0.713%
24	13.267	1279	1282	1283	rBV3	28471	35451	2.68%	0.334%
25	13.366	1289	1292	1297	rVB5	16115	45760	3.46%	0.431%
26	13.445	1297	1300	1302	rVB3	22678	30688	2.32%	0.289%
27	13.484	1302	1304	1308	rBV2	28972	64798	4.90%	0.610%
28	13.553	1309	1311	1313	rBV	30396	38086	2.88%	0.359%
29	13.602	1313	1316	1317	rBV2	22174	26668	2.02%	0.251%
30	13.642	1317	1320	1322	rVB3	31861	46602	3.53%	0.439%
31	13.671	1322	1323	1325	rBV	12748	16859	1.28%	0.159%
32	13.770	1330	1333	1336	rBV3	72183	130123	9.85%	1.225%
33	13.819	1336	1338	1340	rVB3	22703	29255	2.21%	0.275%
34	13.869	1340	1343	1345	rBV2	24946	36824	2.79%	0.347%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-04-100318-A

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_F\METHODS\82F100118S.M
Title : SW846 8260

35	13.908	1345	1347	1351	rVV2	146329	297961	22.55%	2.805%
36	13.977	1351	1354	1356	rVB3	52856	90849	6.87%	0.855%
37	14.026	1356	1359	1362	rBV2	86378	137436	10.40%	1.294%
38	14.135	1365	1370	1372	rBV3	30599	71936	5.44%	0.677%
39	14.204	1373	1377	1380	rVV4	76287	176845	13.38%	1.665%
40	14.273	1380	1384	1390	rVV2	97922	198597	15.03%	1.870%
41	14.361	1390	1393	1395	rVV4	11760	19829	1.50%	0.187%
42	14.411	1395	1398	1400	rVV4	14529	33165	2.51%	0.312%
43	14.470	1400	1404	1407	rVV3	71605	140513	10.63%	1.323%
44	14.519	1407	1409	1411	rVV2	82460	116824	8.84%	1.100%
45	14.559	1411	1413	1416	rVB2	32571	49275	3.73%	0.464%
46	14.618	1416	1419	1420	rBV3	15901	22253	1.68%	0.210%
47	14.647	1420	1422	1425	rBV2	22847	32380	2.45%	0.305%
48	14.697	1425	1427	1430	rBV3	11071	19503	1.48%	0.184%
49	14.795	1434	1437	1439	rVB	112250	155565	11.77%	1.465%
50	14.933	1446	1451	1455	rVB3	36691	96988	7.34%	0.913%
51	15.051	1460	1463	1467	rBV	128926	193899	14.67%	1.826%
52	15.101	1467	1468	1471	rVB3	10547	14413	1.09%	0.136%
53	15.170	1471	1475	1477	rBV	93434	154659	11.70%	1.456%
54	15.298	1486	1488	1489	rBV2	13625	19483	1.47%	0.183%
55	15.337	1490	1492	1494	rVV3	15594	22969	1.74%	0.216%
56	15.406	1494	1499	1502	rVV4	48227	108550	8.21%	1.022%
57	15.564	1512	1515	1516	rBV3	11038	17783	1.35%	0.167%
58	15.702	1526	1529	1534	rVV2	45560	91106	6.89%	0.858%
59	15.771	1534	1536	1540	rVB5	10826	19737	1.49%	0.186%
60	15.879	1545	1547	1550	rVB4	13283	21188	1.60%	0.199%
61	15.998	1556	1559	1562	rBV5	12451	30701	2.32%	0.289%

Sum of corrected areas: 10620747

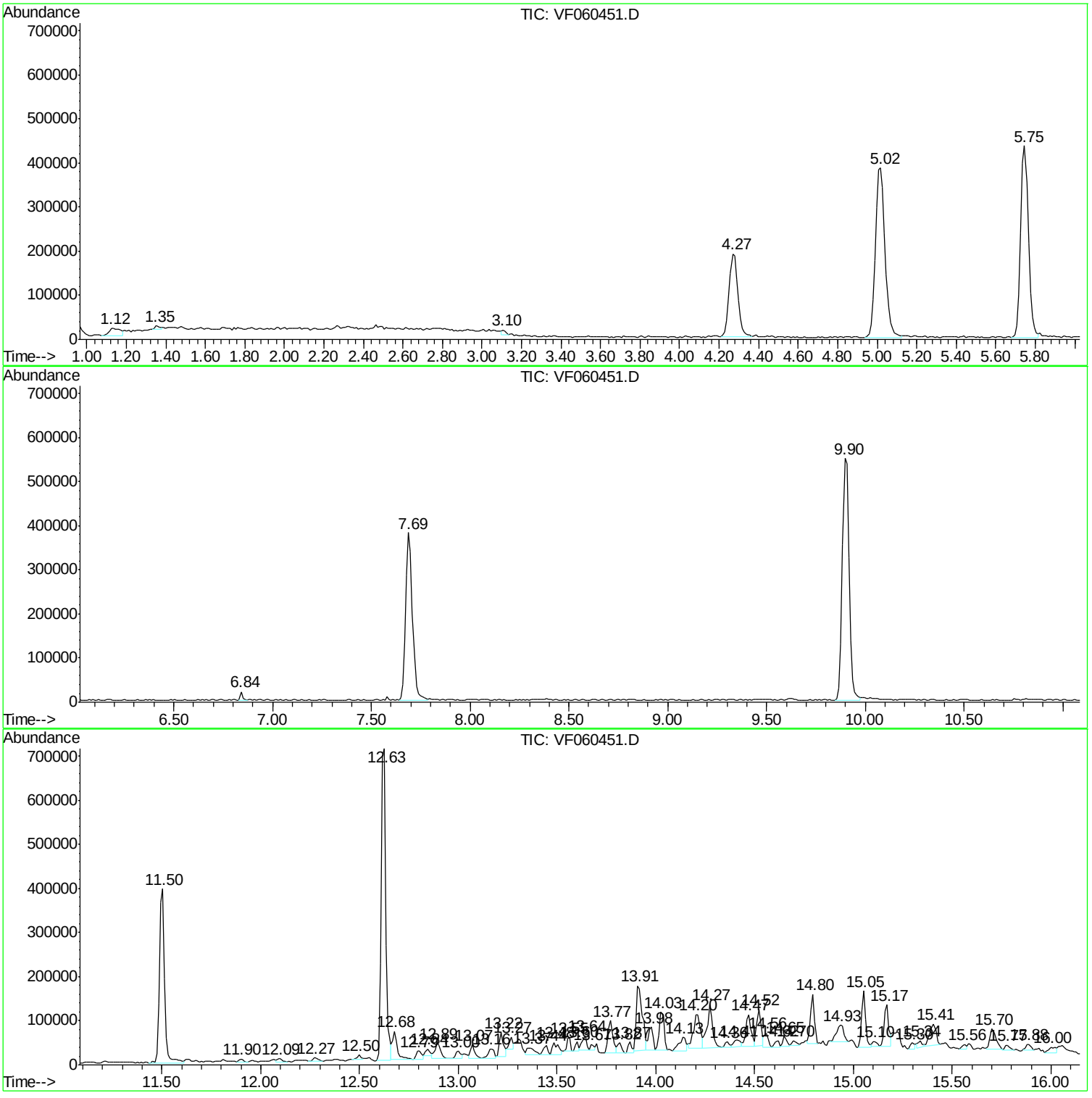
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SU-04-100318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

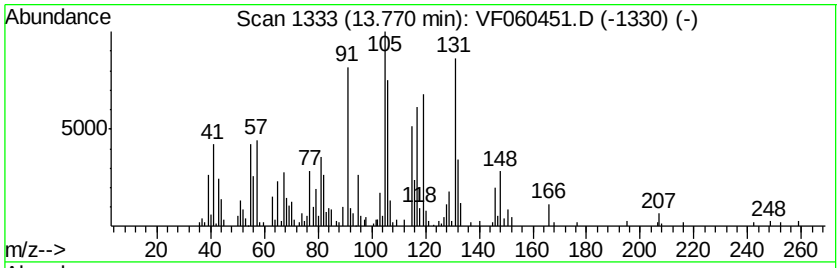
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

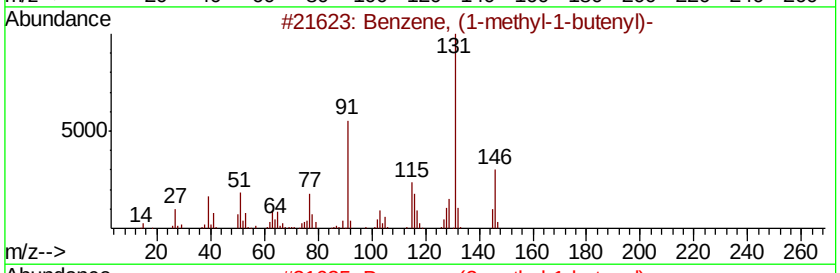
****

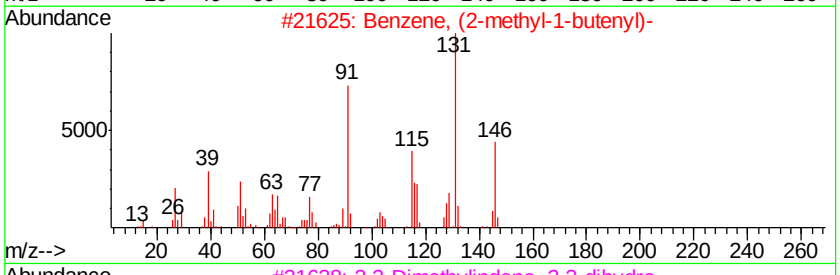
Peak Number 1 unknown13.77 Concentration Rank 9

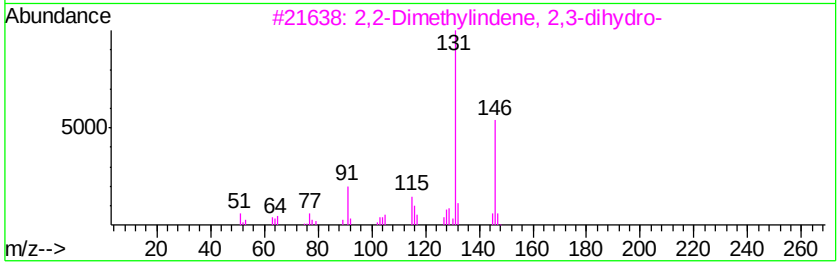
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	5.51 ug/l	130123	1,4-Dichlorobenzene-d4	12.63

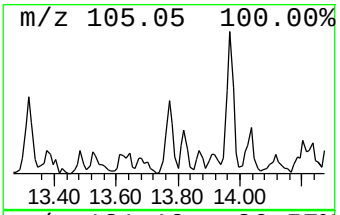
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	42
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	41
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	41
4	Benzene, 1-(chloromethyl)-4-(2-p...	166	C10H11Cl	036875-10-2	38
5	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	35

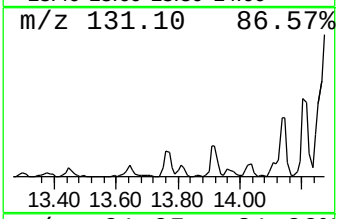


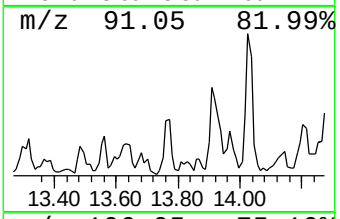


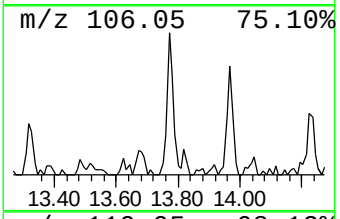


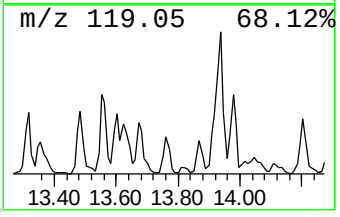












Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

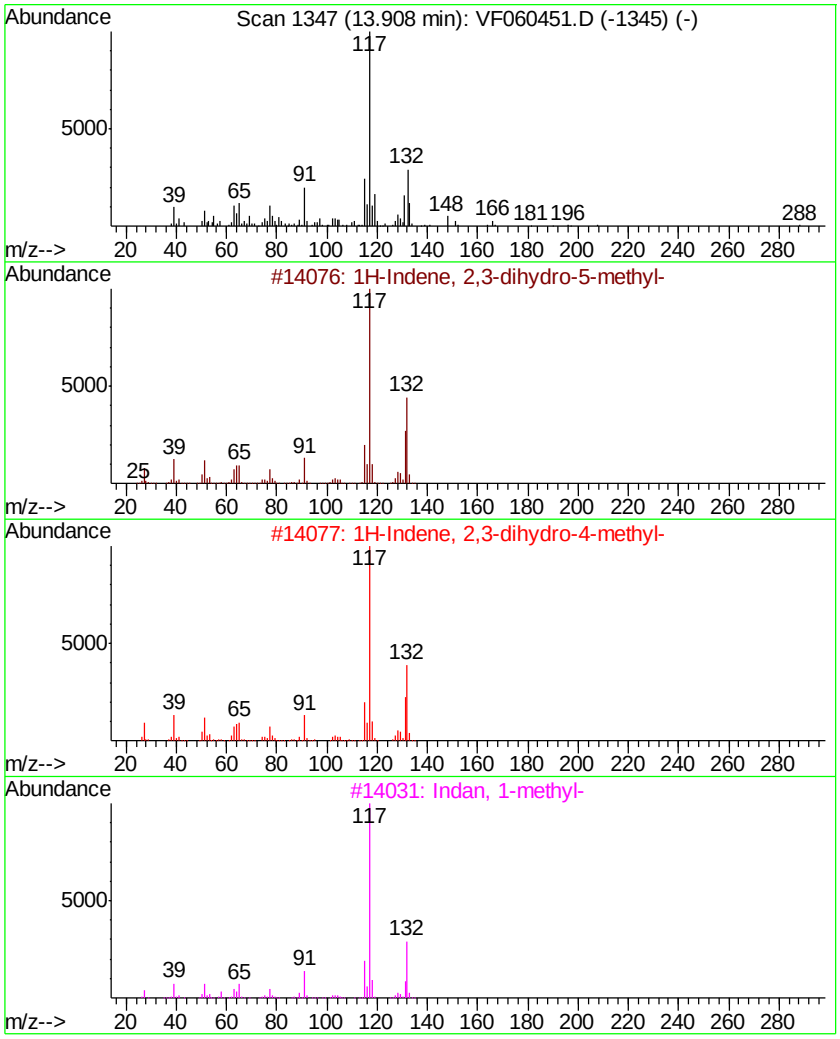
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

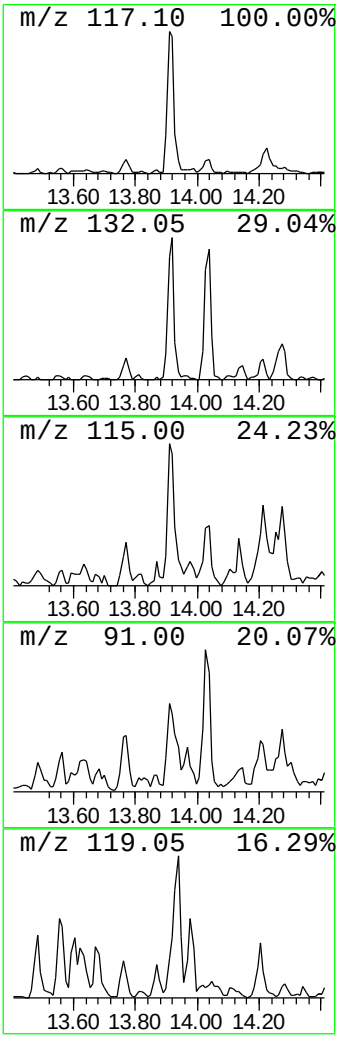
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	12.63 ug/l	297961	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-04-100318-A

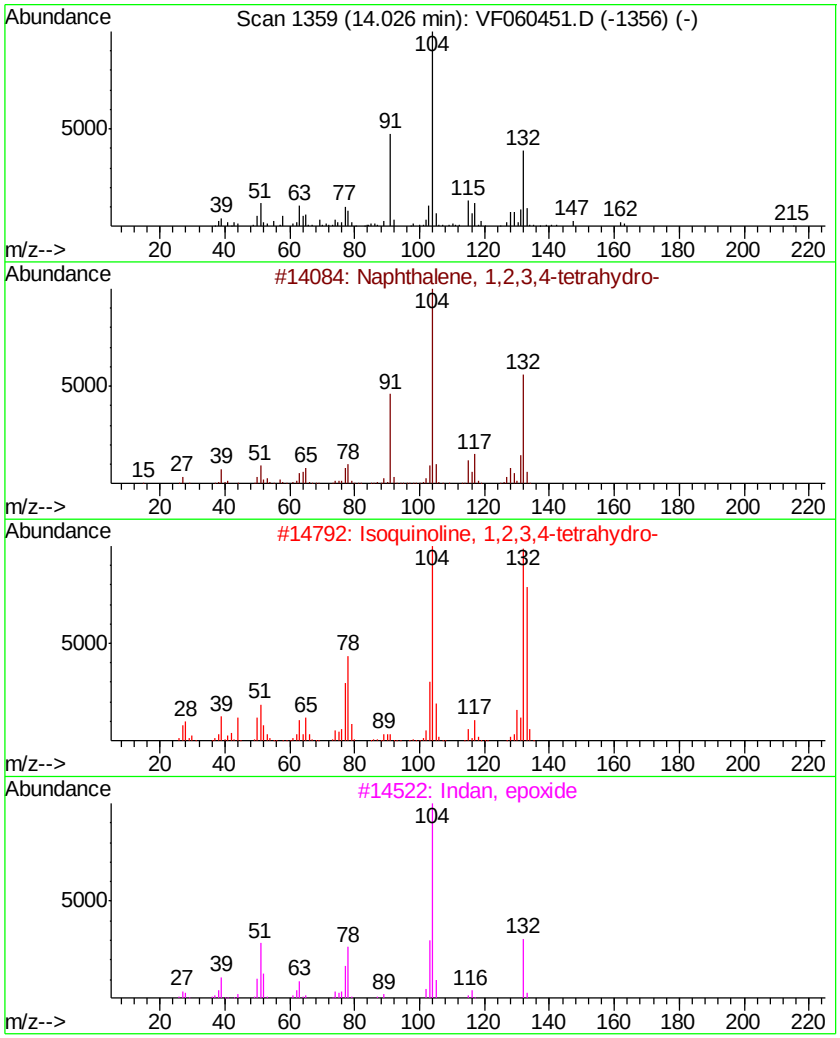
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

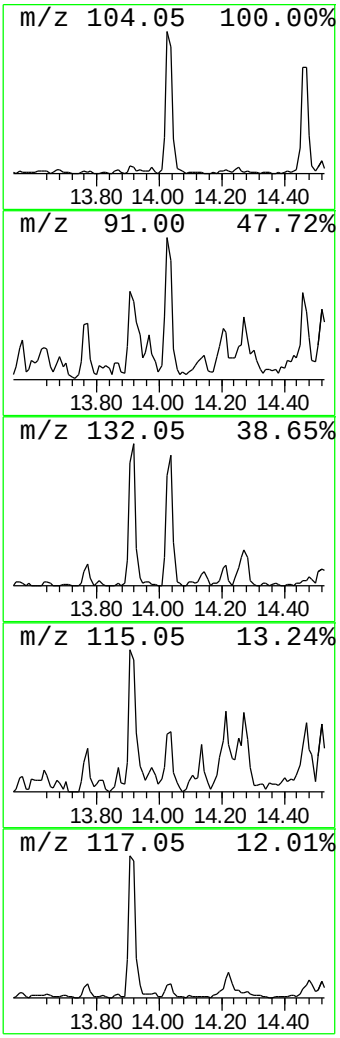
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	5.82 ug/l	137436	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	59
3	Indan, epoxide	132	C9H8O	000768-22-9	58
4	Glutaric acid, 2-methylbenzyl pr...	278	C16H22O4	1000371-32-4	43
5	Benzenepropanoic acid, methyl ester	164	C10H12O2	000103-25-3	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

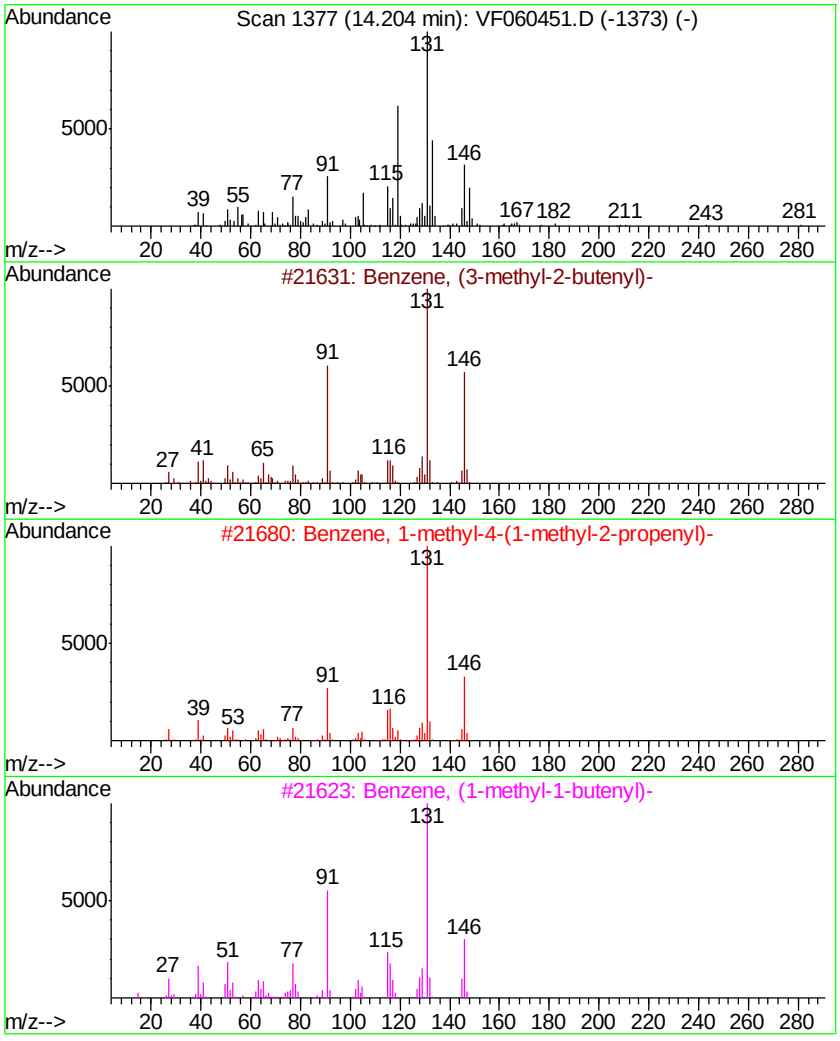
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

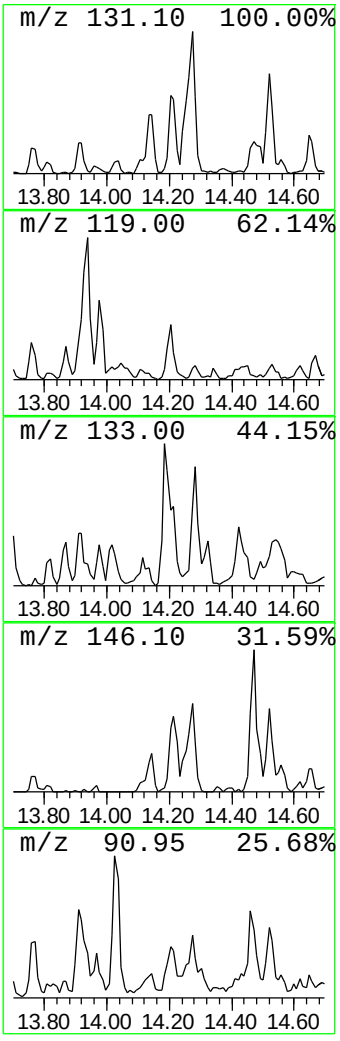
****

Peak Number 4 Benzene, (3-methyl-2-butenyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	7.49 ug/l	176845	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	60
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	60
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

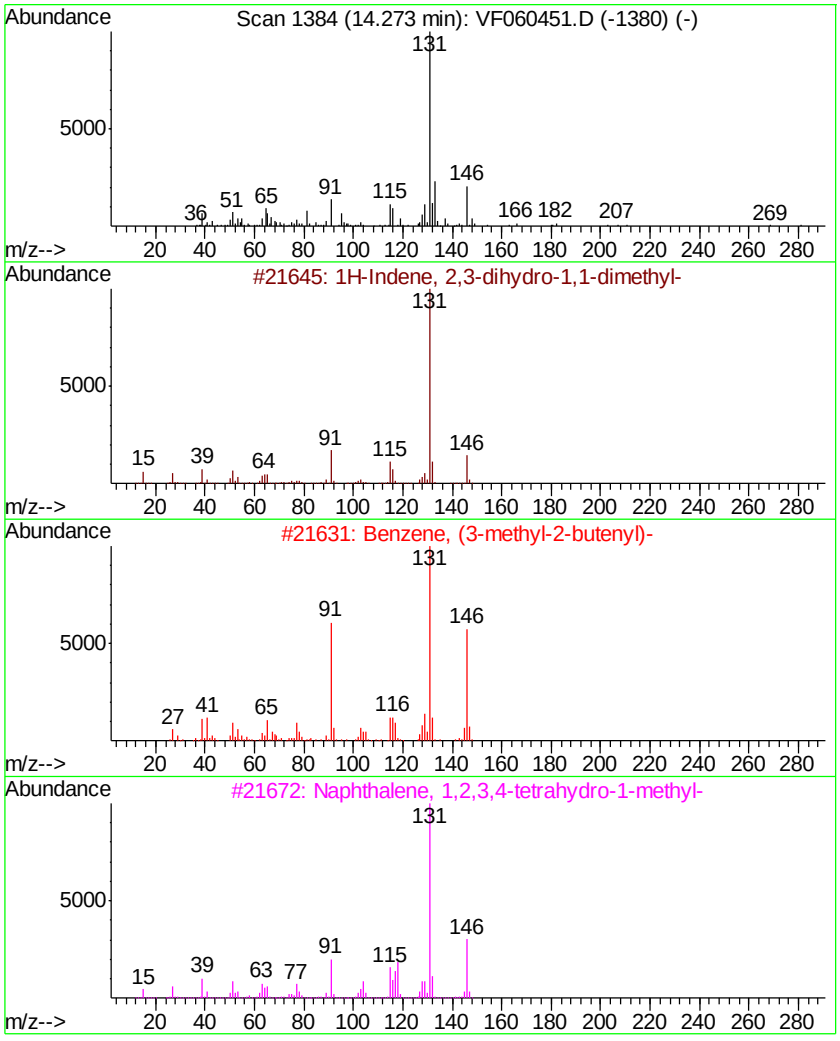
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

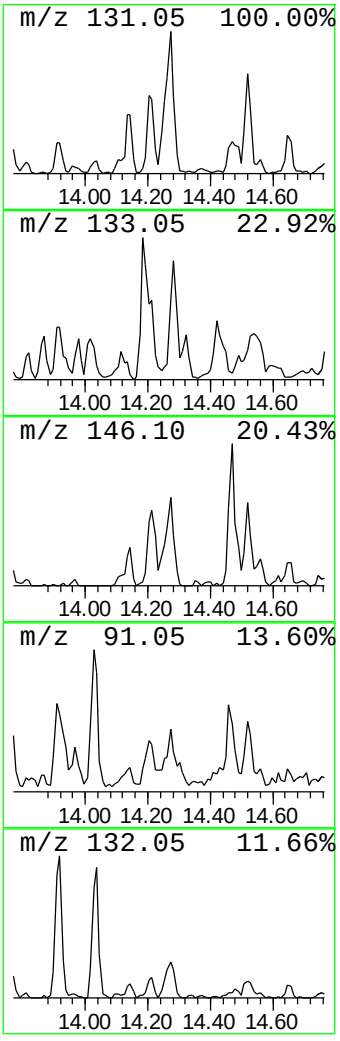
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	8.42 ug/l	198597	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	72
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	72
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	72
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-04-100318-A

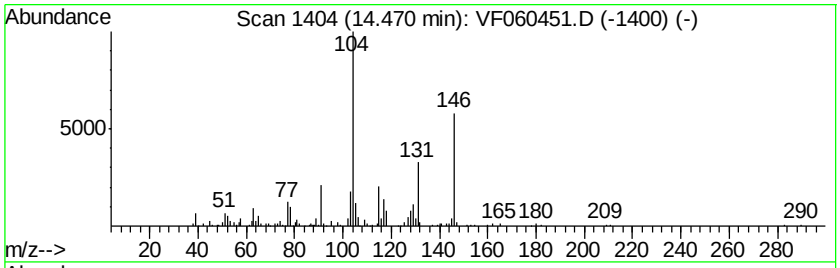
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

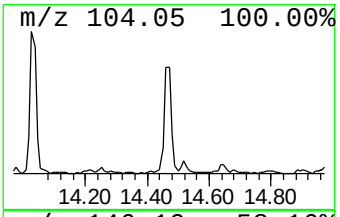
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

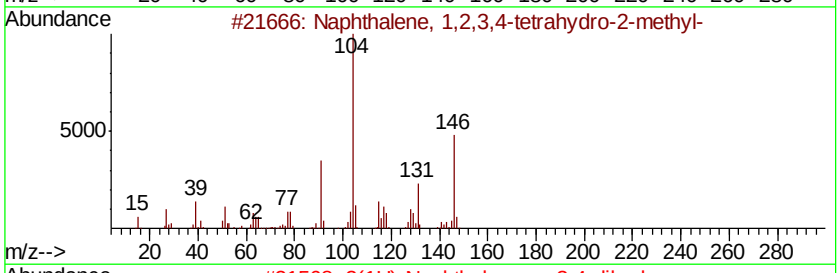
****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

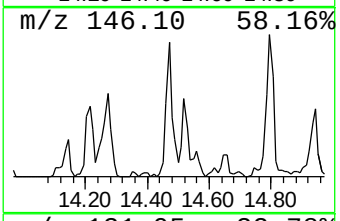
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	5.95 ug/l	140513	1,4-Dichlorobenzene-d4	12.63

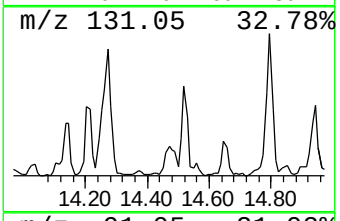
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
3	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
4	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	53
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46

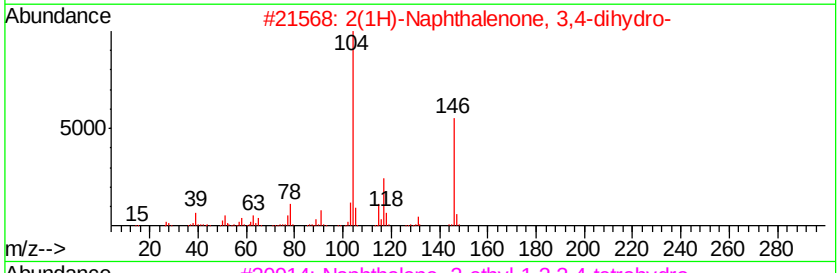


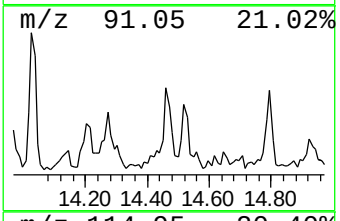


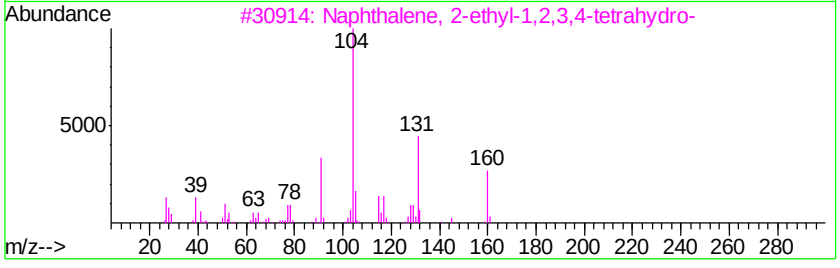


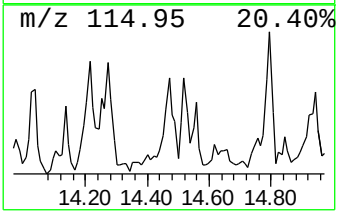












Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

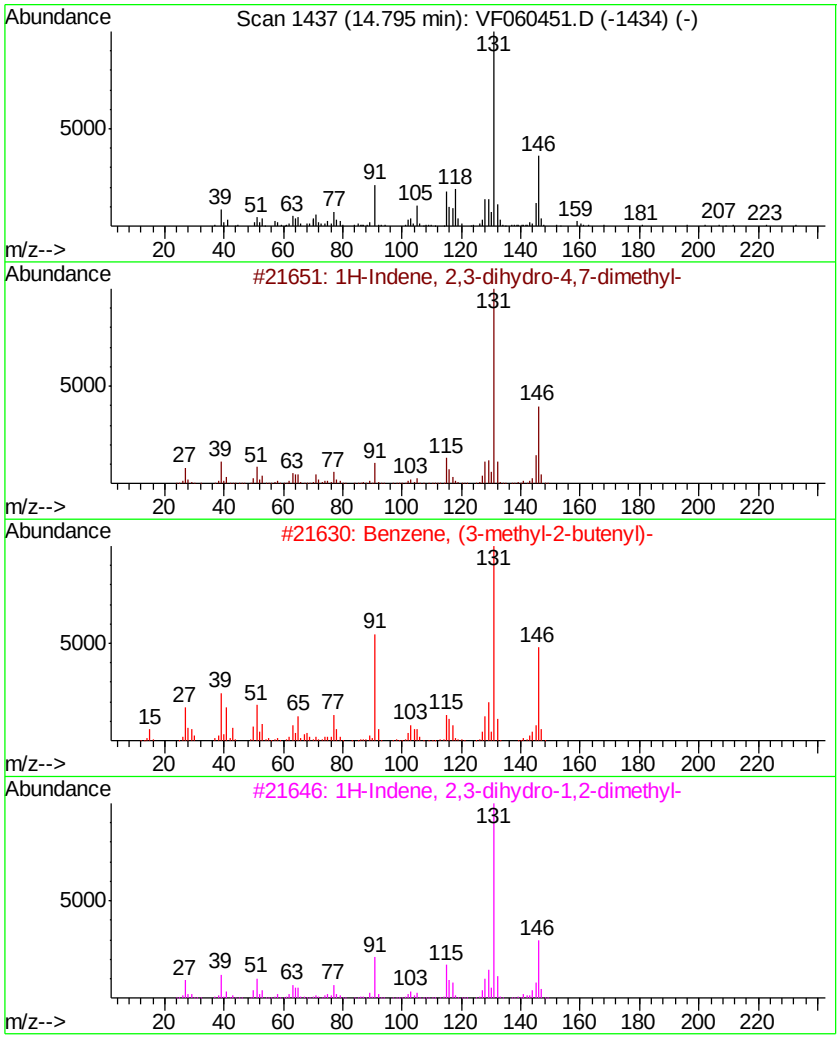
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

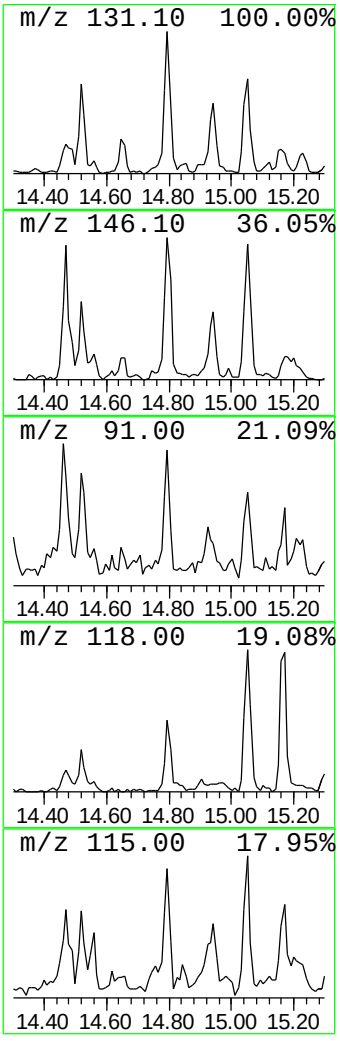
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	6.59 ug/l	155565	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-04-100318-A

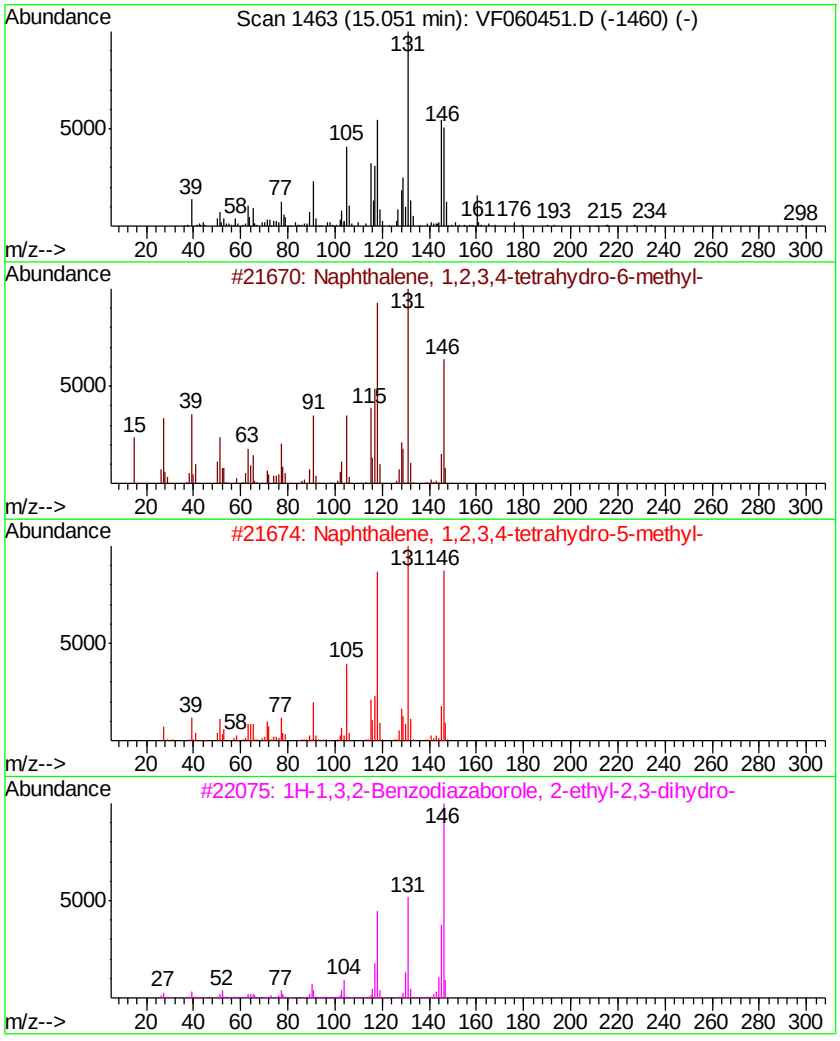
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

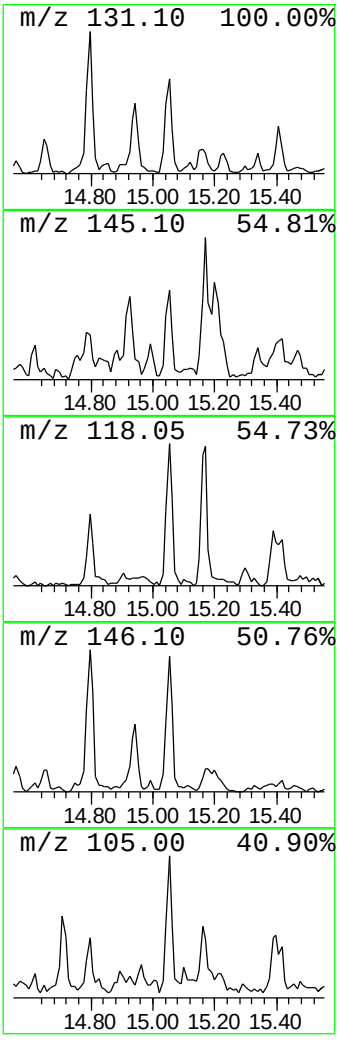
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	8.22 ug/l	193899	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	64
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	64
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260

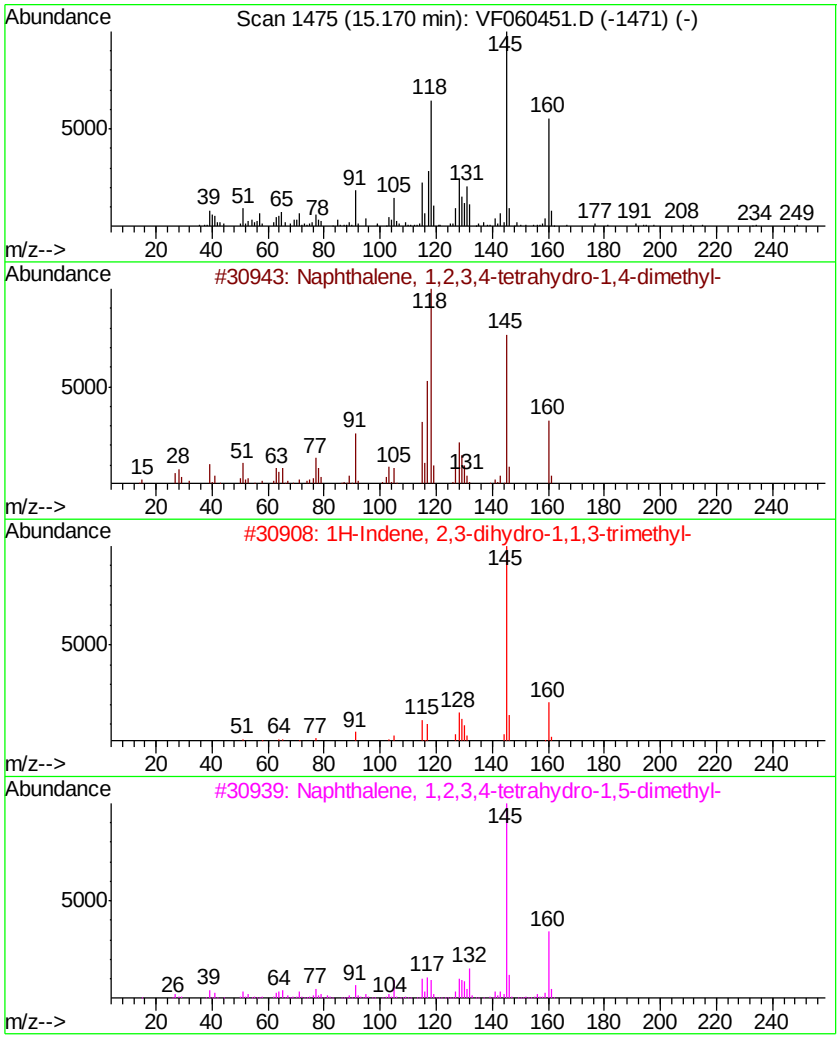
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

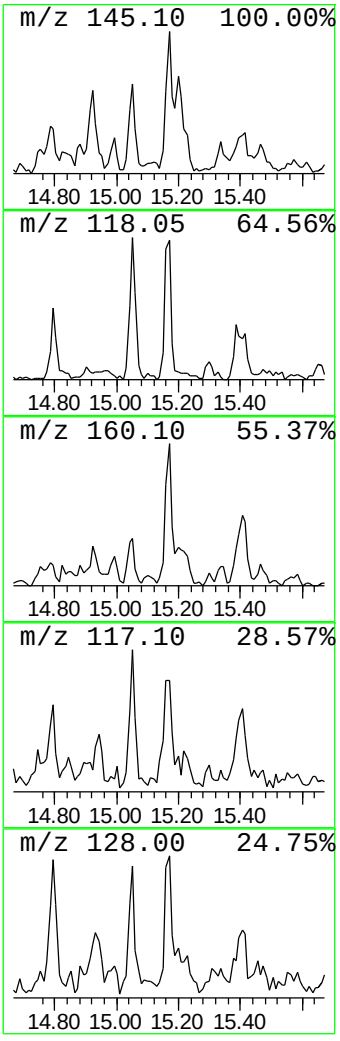
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	6.55 ug/l	154659	1,4-Dichlorobenzene-d4	12.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	89
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	64
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100418\
Data File : VF060451.D
Acq On : 4 Oct 2018 22:18
Operator : VA/AP
Sample : J5204-01
Misc : 6.67/5mL/MSVOA_F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-04-100318-A

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.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
unknown13.77	13.77	5.5	ug/l	130123	4	12.63	1179880	50.0
1H-Indene, 2,3-di...	13.91	12.6	ug/l	297961	4	12.63	1179880	50.0
Naphthalene, 1,2,...	14.03	5.8	ug/l	137436	4	12.63	1179880	50.0
Benzene, (3-methy...	14.20	7.5	ug/l	176845	4	12.63	1179880	50.0
1H-Indene, 2,3-di...	14.27	8.4	ug/l	198597	4	12.63	1179880	50.0
Naphthalene, 1,2,...	14.47	6.0	ug/l	140513	4	12.63	1179880	50.0
1H-Indene, 2,3-di...	14.80	6.6	ug/l	155565	4	12.63	1179880	50.0
Naphthalene, 1,2,...	15.05	8.2	ug/l	193899	4	12.63	1179880	50.0
Naphthalene, 1,2,...	15.17	6.5	ug/l	154659	4	12.63	1179880	50.0