LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062889.D
Acq On : 6 Jun 2019 18:19
Operator : FY/SY
Sample : K3160-05
Misc : 5.76g/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-060619-C

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\82F053019S.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	1.128	57	60	65	rVV4	32781	64874	2.12%	0.269%
2	2.360	181	185	190	rVV2	37751	96907	3.16%	0.402%
3	4.233	368	375	378	rBV	37734	126068	4.12%	0.523%
4	4.321	378	384	400	rVB	450215	1410793	46.07%	5.853%
5	5.061	452	459	472	rBV2	858230	2917399	95.26%	12.103%
6	5.790	527	533	548	rVV	1161975	3062523	100.00%	12.705%
7	7.239	679	680	682	rBV	56730	39604	1.29%	0.164%
8	7.722	724	729	740	rBV	999862	2337113	76.31%	9.695%
9	9.920	947	952	960	rBV	1254866	2866911	93.61%	11.893%
10	11.507	1109	1113	1120	rBV	857062	1432561	46.78%	5.943%
11	11.636	1122	1126	1129	rVV3	25926	58636	1.91%	0.243%
12	11.734	1133	1136	1139	rVV	31685	54445	1.78%	0.226%
13	11.813	1139	1144	1146	rVV2	33968	70585	2.30%	0.293%
14	11.902	1150	1153	1155	rVV2	24235	35994	1.18%	0.149%
15	12.276	1185	1191	1197	rVB	74777	115357	3.77%	0.479%
16	12.621	1222	1226	1230	rBV	1443633	2130295	69.56%	8.837%
17	12.671	1230	1231	1237	rVB	87645	119928	3.92%	0.498%
18	12.789	1240	1243	1245	rVV2	49276	80207	2.62%	0.333%
19	12.828	1245	1247	1250	rVV	44072	84264	2.75%	0.350%
20	12.887	1250	1253	1258	rVB3	70088	163661	5.34%	0.679%
21	12.996	1261	1264	1266	rBV4	18143	32002	1.04%	0.133%
22	13.065	1268	1271	1275	rVB	48374	72542	2.37%	0.301%
23	13.154	1275	1280	1283	rBV2	70560	186655	6.09%	0.774%
24	13.213	1283	1286	1288	rBV	82545	124787	4.07%	0.518%
25	13.292	1291	1294	1300	rVB3	48884	117863	3.85%	0.489%
26	13.430	1306	1308	1311	rBV3	23054	35743	1.17%	0.148%
27	13.469	1311	1312	1317	rVV2	29534	61344	2.00%	0.254%
28	13.548	1317	1320	1322	rVV	72340	93460	3.05%	0.388%
29	13.587	1322	1324	1327	rVV	103776	180582	5.90%	0.749%
30	13.627	1327	1328	1330	rVV2	49150	56128	1.83%	0.233%
31	13.666	1330	1332	1333	rVV	32757	42459	1.39%	0.176%
32	13.755	1338	1341	1344	rVV2	210438	338379	11.05%	1.404%
33	13.804	1344	1346	1349	rVV3	49752	71328	2.33%	0.296%
34	13.863	1349	1352	1353	rVV	51995	71805	2.34%	0.298%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062889.D
Acq On : 6 Jun 2019 18:19
Operator : FY/SY
Sample : K3160-05
Misc : 5.76g/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-060619-C

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\82F053019S.M
Title : SW846 8260

35	13.903	1353	1356	1360	rVV2	335883	576973	18.84%	2.394%
36	13.962	1360	1362	1365	rVV2	86704	124629	4.07%	0.517%
37	14.021	1365	1368	1373	rVB	213959	312520	10.20%	1.296%
38	14.100	1373	1376	1377	rBV3	46565	83585	2.73%	0.347%
39	14.129	1377	1379	1382	rVV	102212	150068	4.90%	0.623%
40	14.198	1382	1386	1389	rVV6	138849	322629	10.53%	1.338%
41	14.258	1389	1392	1398	rVB2	145572	295757	9.66%	1.227%
42	14.405	1402	1407	1408	rVV5	24843	54035	1.76%	0.224%
43	14.455	1409	1412	1415	rVV2	149929	280514	9.16%	1.164%
44	14.504	1415	1417	1419	rVV2	149426	225517	7.36%	0.936%
45	14.534	1419	1420	1424	rVB	66585	103103	3.37%	0.428%
46	14.603	1424	1427	1428	rBV2	34577	45688	1.49%	0.190%
47	14.632	1428	1430	1434	rVV3	140041	210605	6.88%	0.874%
48	14.780	1442	1445	1448	rVV	454902	629116	20.54%	2.610%
49	14.859	1451	1453	1455	rVV2	31986	56172	1.83%	0.233%
50	14.918	1455	1459	1464	rVV4	81316	240891	7.87%	0.999%
51	15.036	1468	1471	1474	rBV	217863	324330	10.59%	1.345%
52	15.145	1479	1482	1485	rBV	227923	357396	11.67%	1.483%
53	15.322	1497	1500	1503	rVV	99992	177308	5.79%	0.736%
54	15.391	1503	1507	1510	rVV3	91187	225443	7.36%	0.935%
55	15.450	1510	1513	1518	rVB	63676	117321	3.83%	0.487%
56	15.559	1523	1524	1528	rVB3	24532	33576	1.10%	0.139%
57	15.677	1532	1536	1540	rVB	105056	201852	6.59%	0.837%
58	15.756	1541	1544	1548	rVV4	20820	49817	1.63%	0.207%
59	15.864	1552	1555	1558	rVB4	26767	48793	1.59%	0.202%
60	15.973	1563	1566	1569	rBV5	21638	50131	1.64%	0.208%
61	16.022	1569	1571	1576	rVB5	21984	54365	1.78%	0.226%

Sum of corrected areas: 24105336

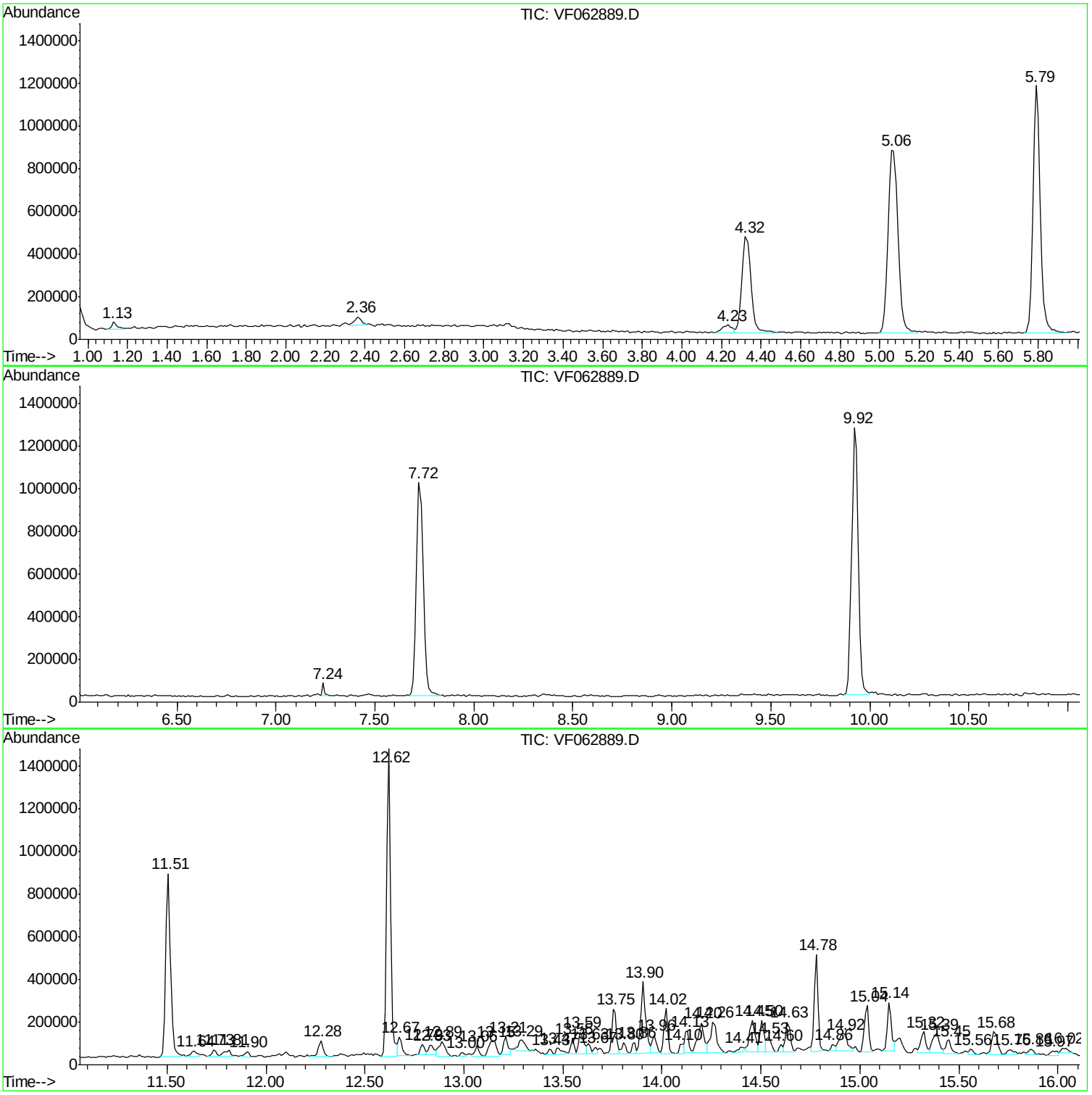
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062889.D
Acq On : 6 Jun 2019 18:19
Operator : FY/SY
Sample : K3160-05
Misc : 5.76g/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EO-02-060619-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062889.D
Acq On : 6 Jun 2019 18:19
Operator : FY/SY
Sample : K3160-05
Misc : 5.76g/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-060619-C

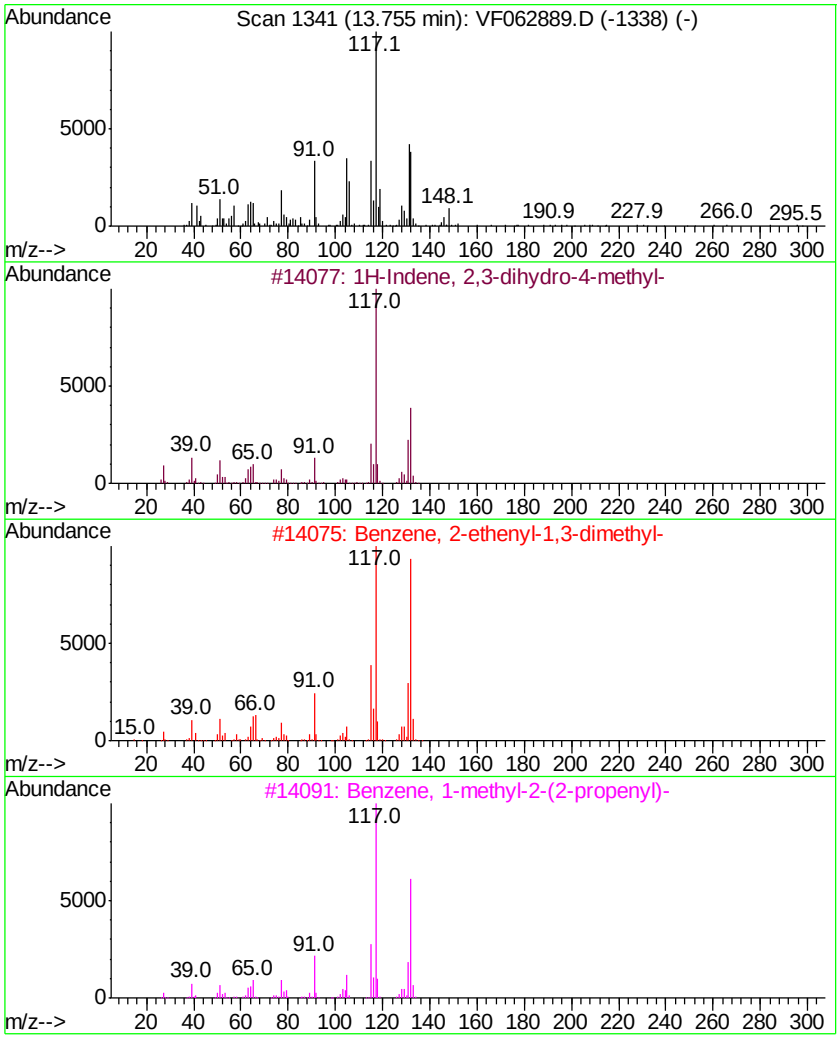
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

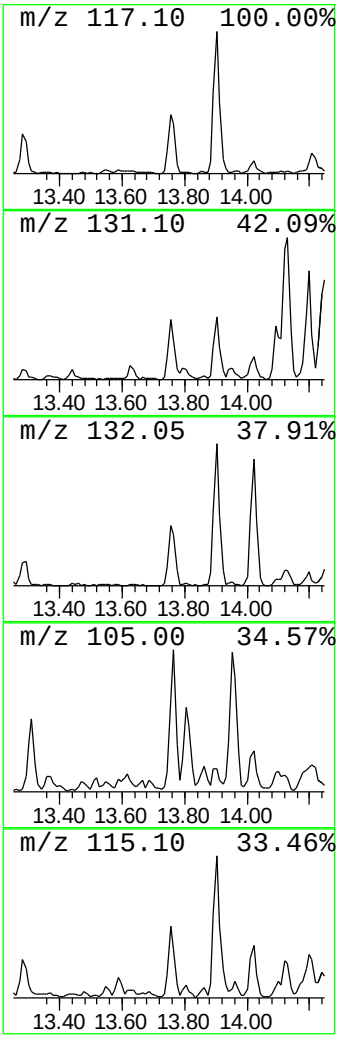
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	7.94 ug/l	338379	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF060619\
Data File : VF062889.D
Acq On : 6 Jun 2019 18:19
Operator : FY/SY
Sample : K3160-05
Misc : 5.76g/5mL/MSVOA_F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-060619-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

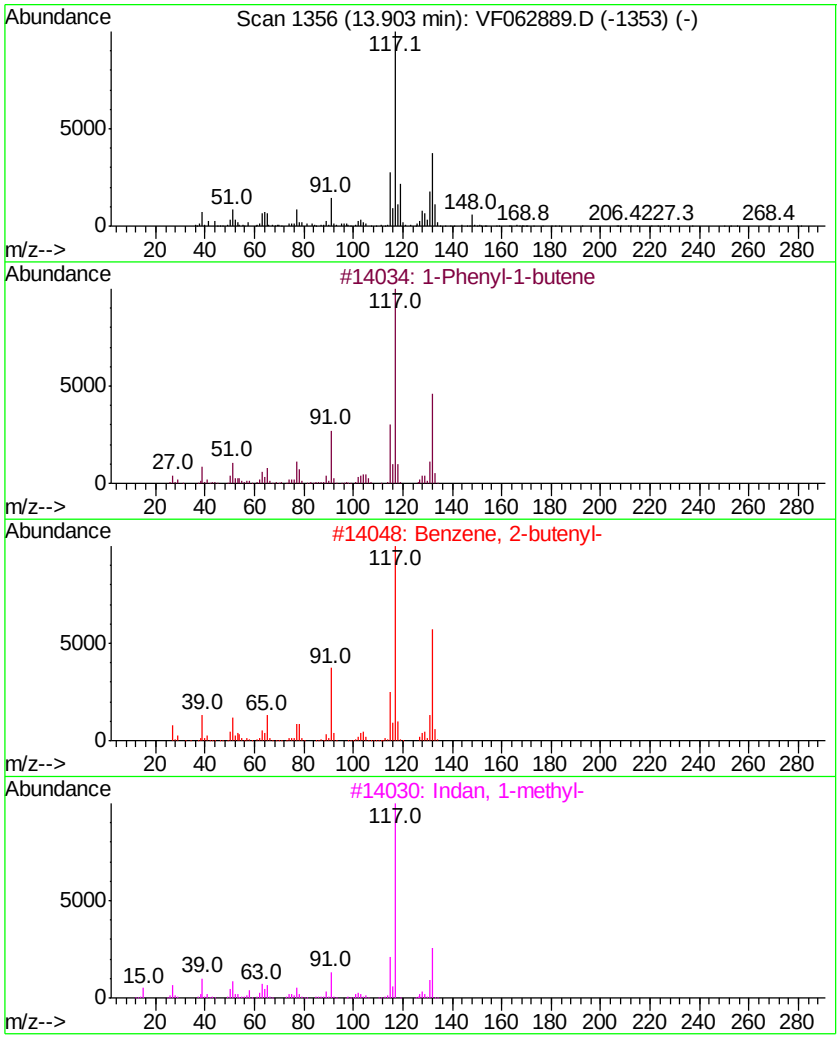
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

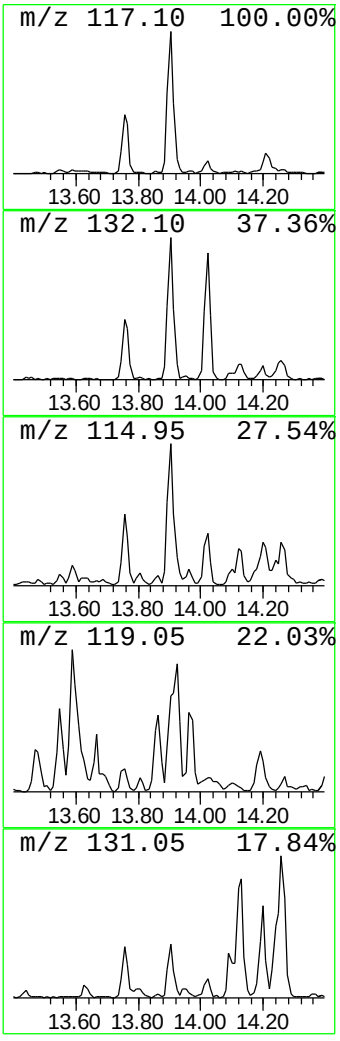
****

Peak Number 2 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	13.54 ug/l	576973	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	80
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062889.D
Acq On : 6 Jun 2019 18:19
Operator : FY/SY
Sample : K3160-05
Misc : 5.76g/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-060619-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

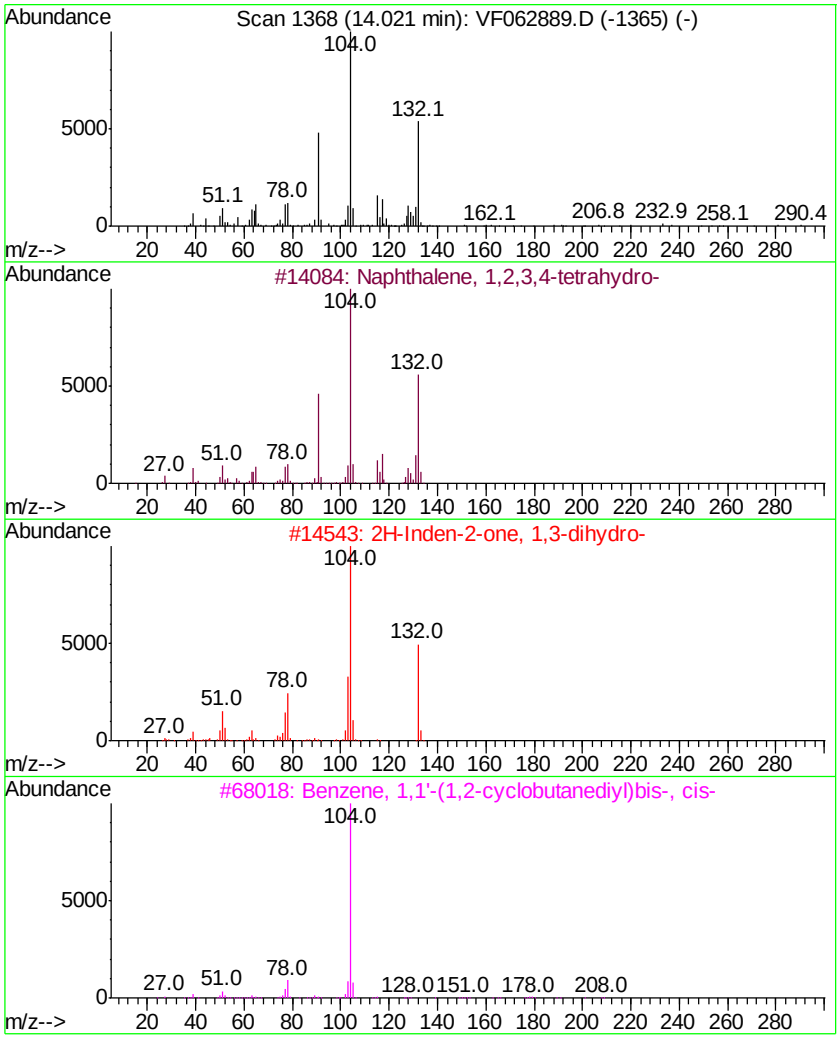
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

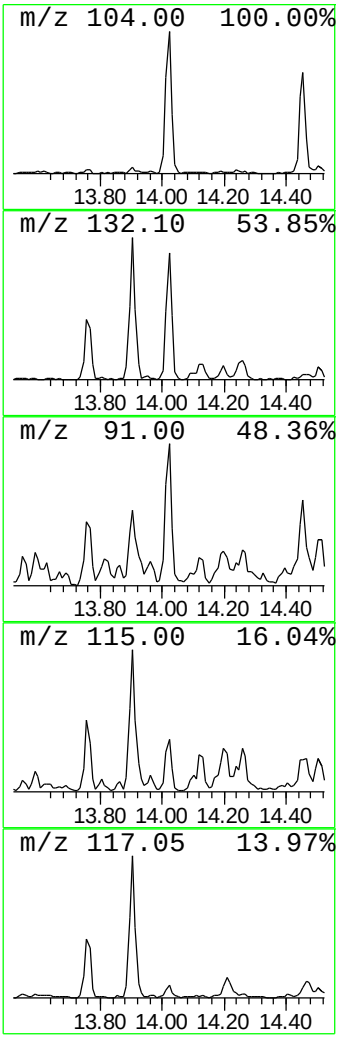
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	7.34 ug/l	312520	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	40
3	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38
4	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	38
5	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062889.D
Acq On : 6 Jun 2019 18:19
Operator : FY/SY
Sample : K3160-05
Misc : 5.76g/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-060619-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

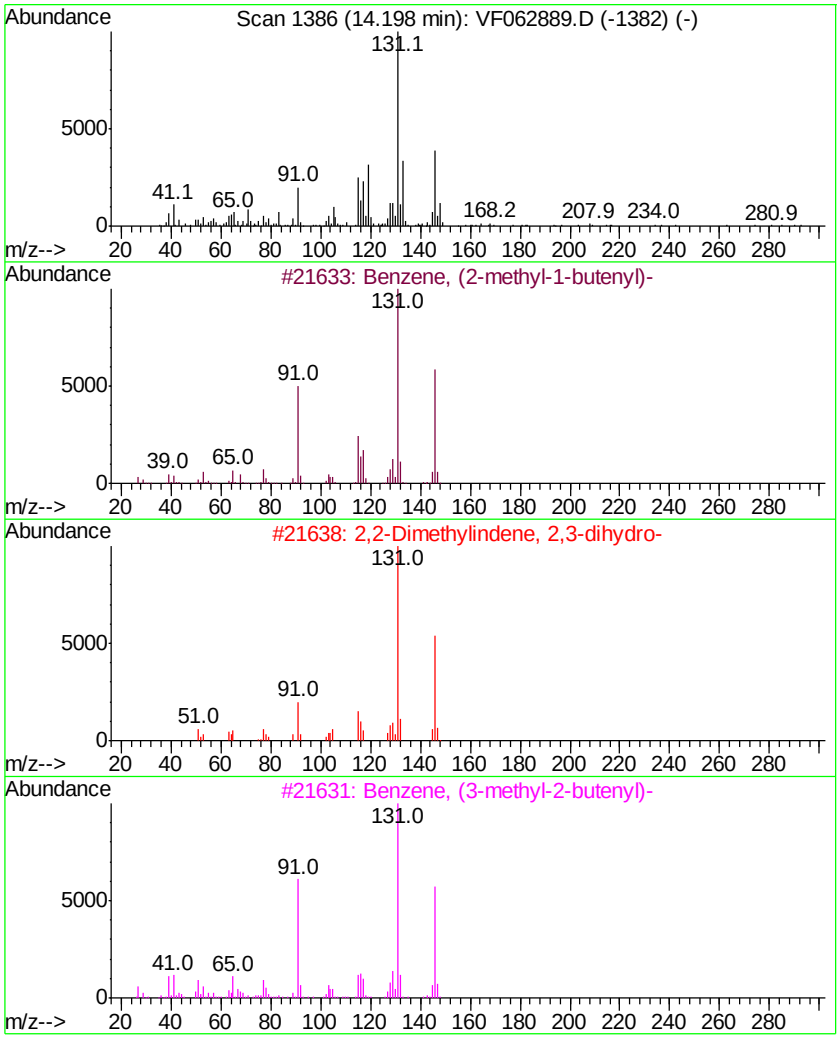
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

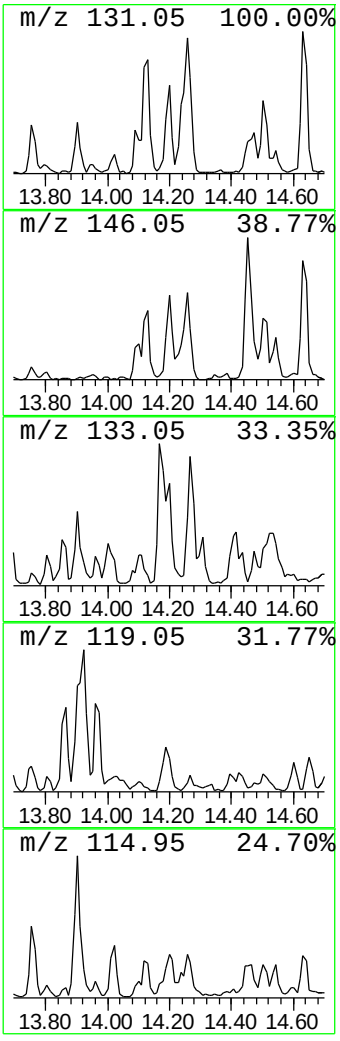
****

Peak Number 4 Benzene, (2-methyl-1-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	7.57 ug/l	322629	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	96
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	86
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062889.D
Acq On : 6 Jun 2019 18:19
Operator : FY/SY
Sample : K3160-05
Misc : 5.76g/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-060619-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

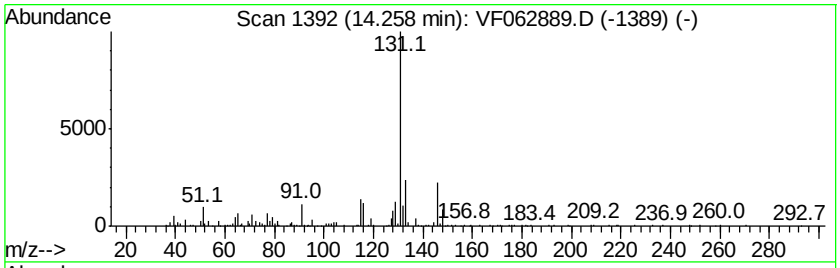
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

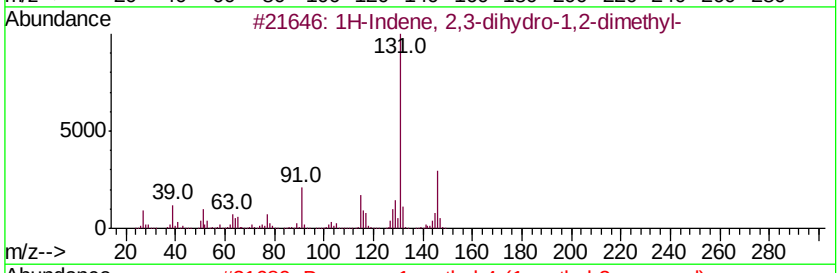
****

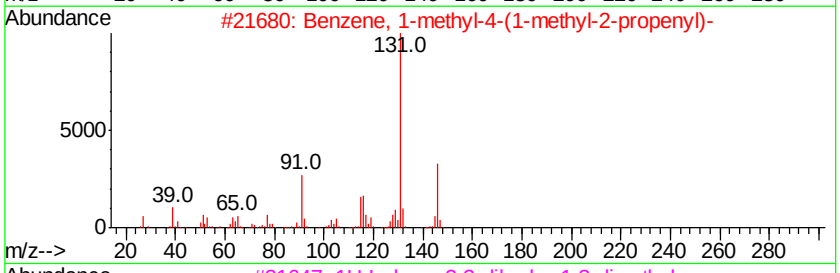
Peak Number 5 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 8

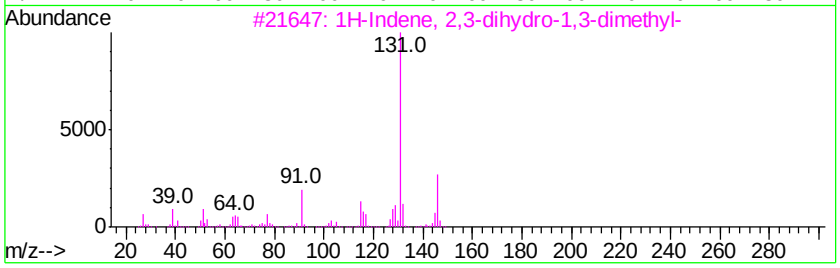
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	6.94 ug/l	295757	1,4-Dichlorobenzene-d4	12.62

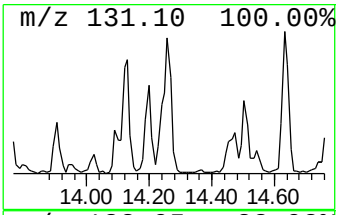
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	81

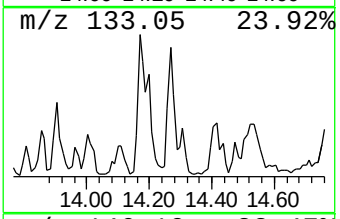


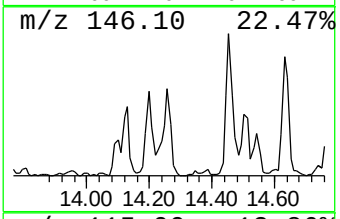


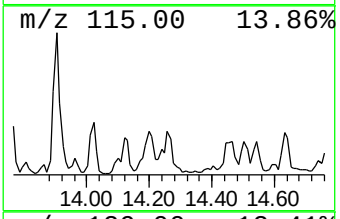


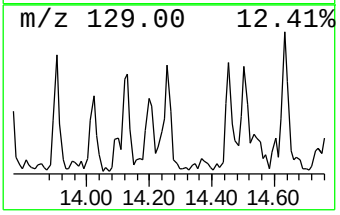












Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062889.D
Acq On : 6 Jun 2019 18:19
Operator : FY/SY
Sample : K3160-05
Misc : 5.76g/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-060619-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

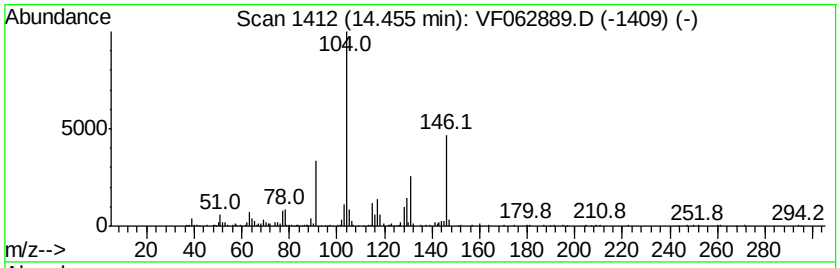
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

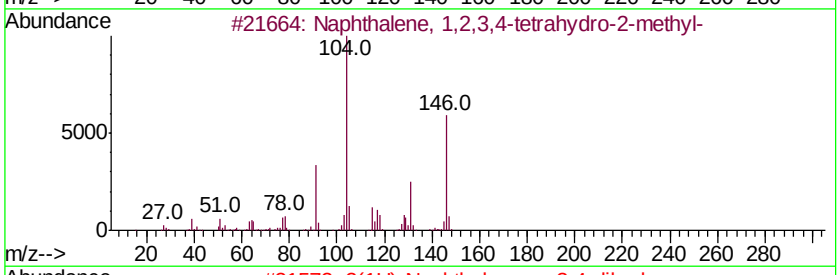
****

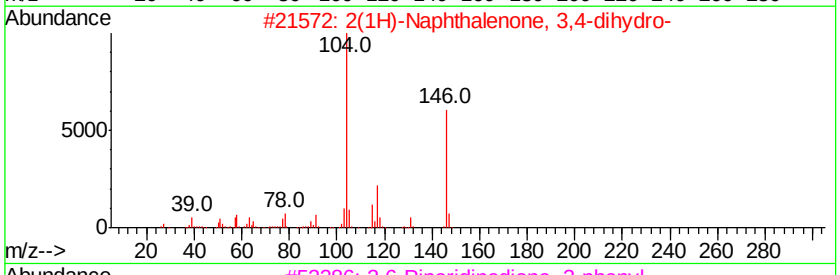
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

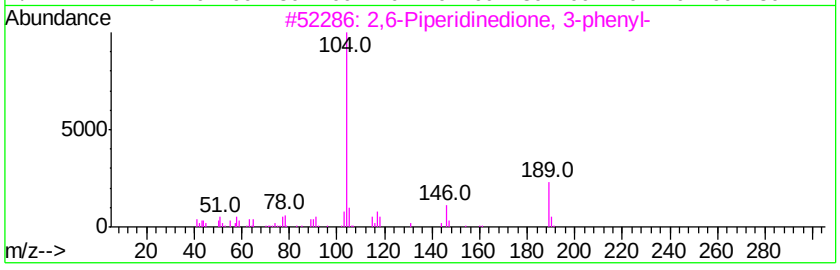
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	6.58 ug/l	280514	1,4-Dichlorobenzene-d4	12.62

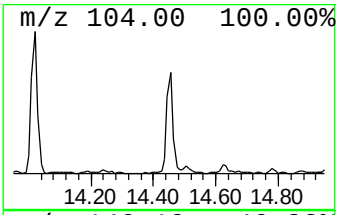
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3	2,6-Piperidinedione, 3-phenyl-	189	C11H11NO2	014149-34-9	38
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	35

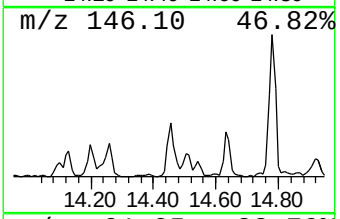


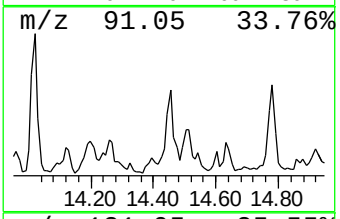


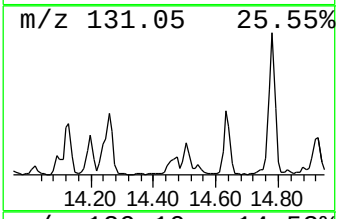


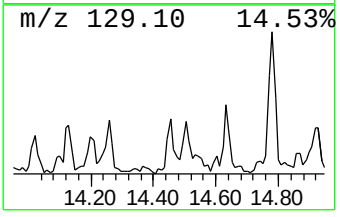












Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062889.D
Acq On : 6 Jun 2019 18:19
Operator : FY/SY
Sample : K3160-05
Misc : 5.76g/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-060619-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

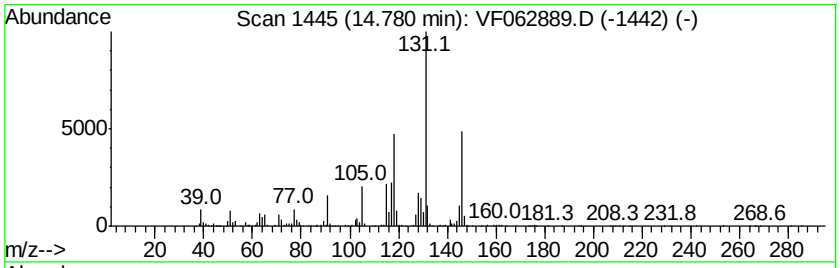
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

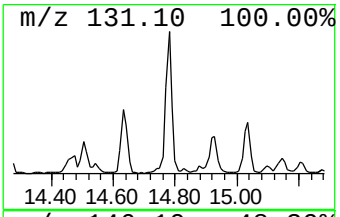
****

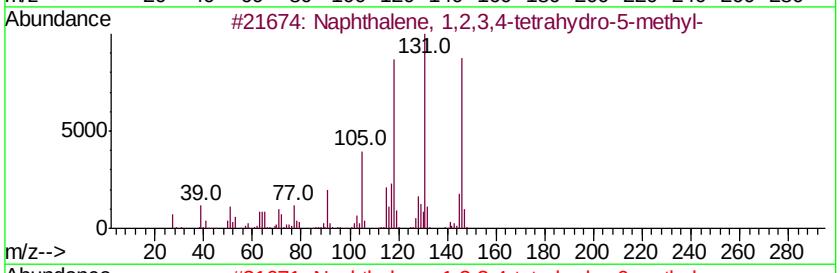
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 1

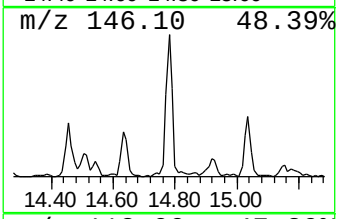
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	14.77 ug/l	629116	1,4-Dichlorobenzene-d4	12.62

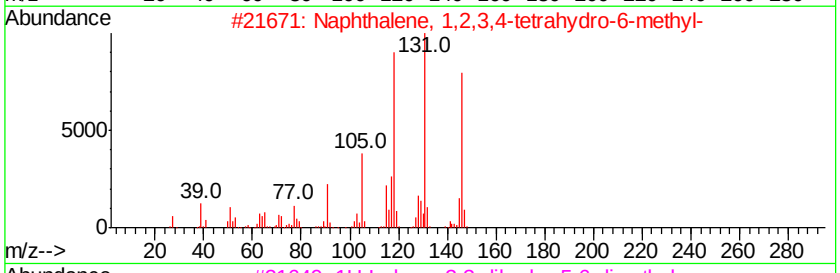
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	78
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70

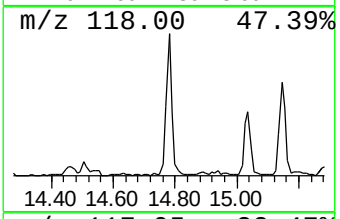


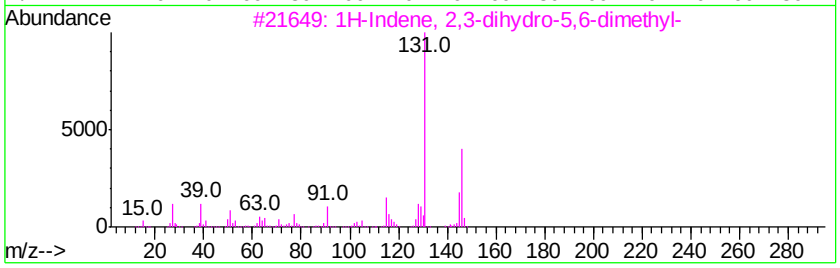


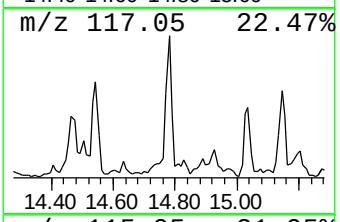


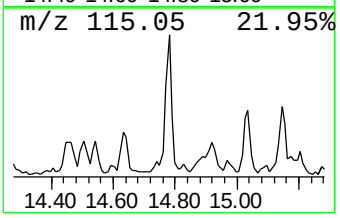












Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062889.D
Acq On : 6 Jun 2019 18:19
Operator : FY/SY
Sample : K3160-05
Misc : 5.76g/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-060619-C

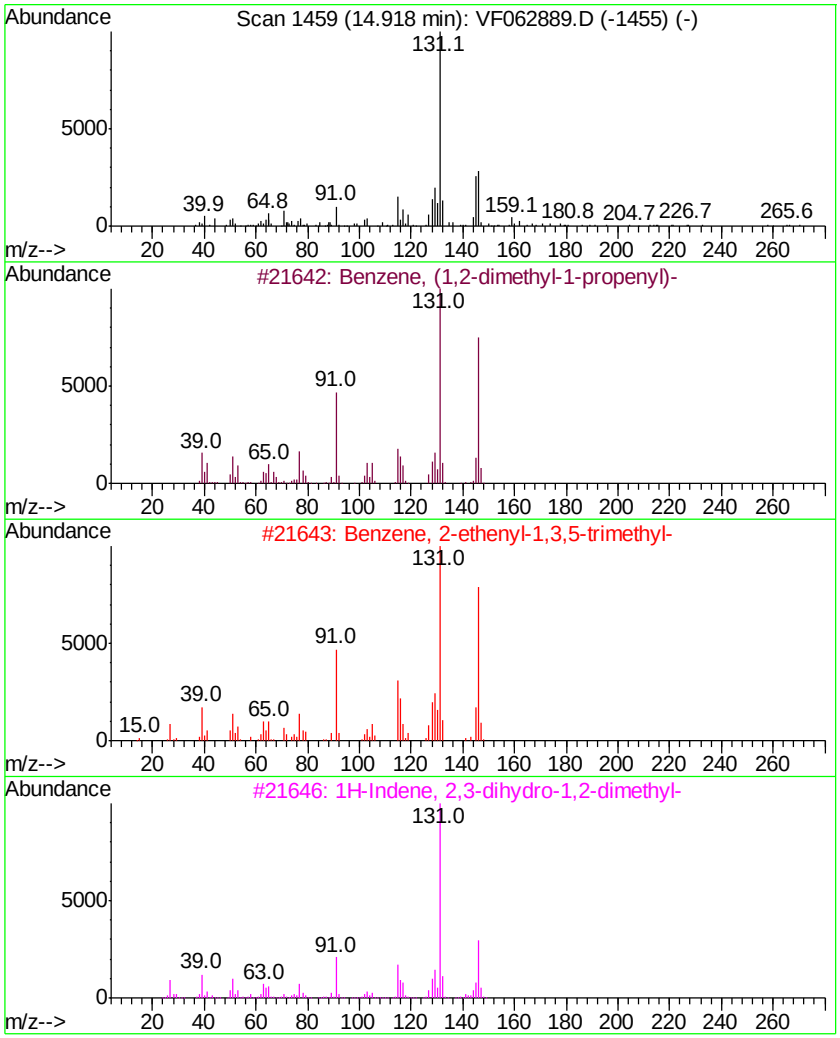
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

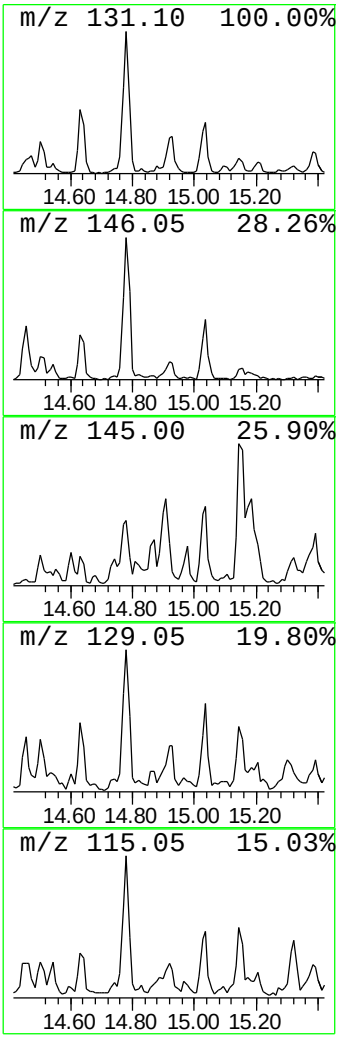
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	5.65 ug/l	240891	1,4-Dichlorobenzene-d4	12.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	87
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
Data File : VF062889.D
Acq On : 6 Jun 2019 18:19
Operator : FY/SY
Sample : K3160-05
Misc : 5.76g/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-060619-C

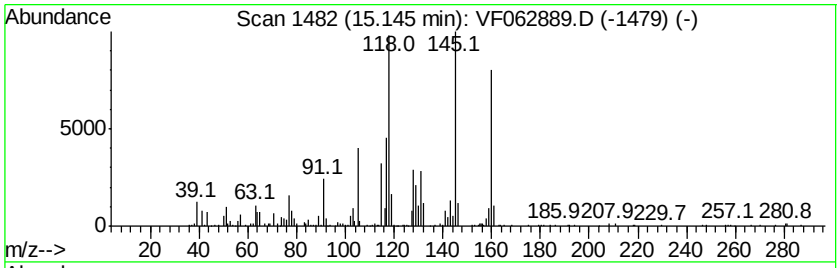
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

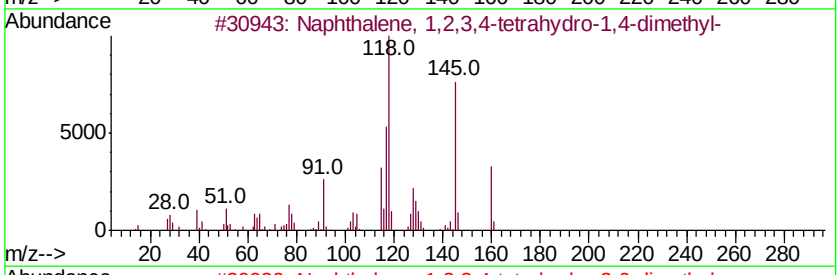
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

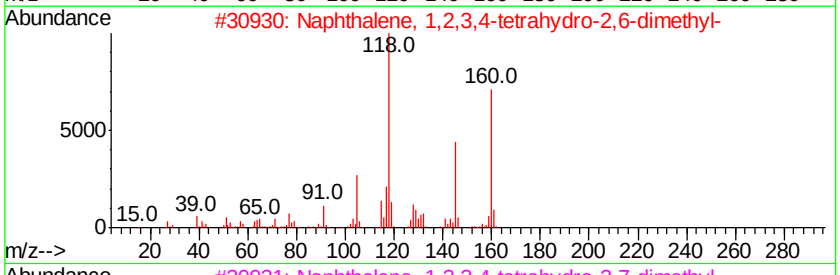
****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

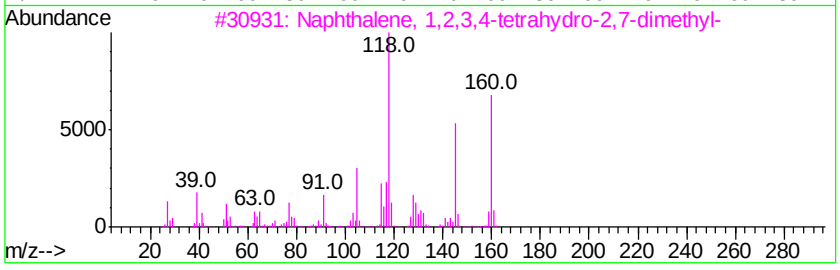
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	8.39 ug/l	357396	1,4-Dichlorobenzene-d4	12.62

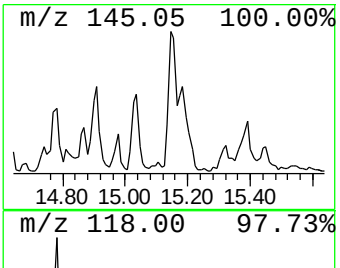
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	86
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	70
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70

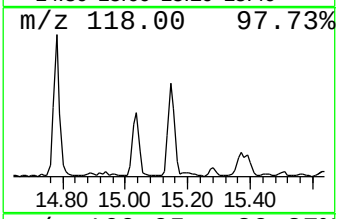


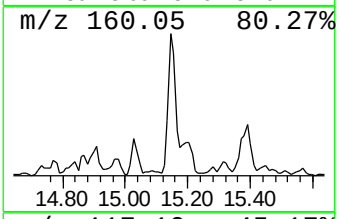


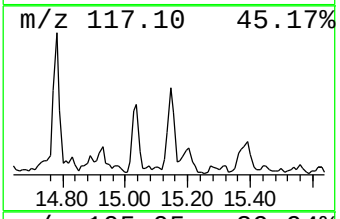


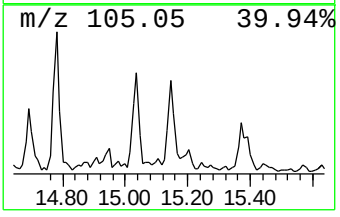












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF060619\
Data File : VF062889.D
Acq On : 6 Jun 2019 18:19
Operator : FY/SY
Sample : K3160-05
Misc : 5.76g/5mL/MSVOA_F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-060619-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.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
1H-Indene, 2,3-di...	13.75	7.9	ug/l	338379	4	12.62	2130300	50.0
1-Phenyl-1-butene	13.90	13.5	ug/l	576973	4	12.62	2130300	50.0
Naphthalene, 1,2,...	14.02	7.3	ug/l	312520	4	12.62	2130300	50.0
Benzene, (2-methy...	14.20	7.6	ug/l	322629	4	12.62	2130300	50.0
1H-Indene, 2,3-di...	14.26	6.9	ug/l	295757	4	12.62	2130300	50.0
Naphthalene, 1,2,...	14.45	6.6	ug/l	280514	4	12.62	2130300	50.0
Naphthalene, 1,2,...	14.78	14.8	ug/l	629116	4	12.62	2130300	50.0
Benzene, (1,2-dim...	14.92	5.7	ug/l	240891	4	12.62	2130300	50.0
Naphthalene, 1,2,...	15.14	8.4	ug/l	357396	4	12.62	2130300	50.0