LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062853.D
Acq On : 4 Jun 2019 21:54
Operator : FY/SY
Sample : K3151-03
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-06-060419-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_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	1.133	58	61	62	rBV2	26070	33637	1.11%	0.164%
2	1.449	90	93	95	rBV	23755	46127	1.53%	0.225%
3	1.557	102	104	110	rVB7	17131	35240	1.17%	0.172%
4	2.346	181	184	191	rVB	31437	89761	2.97%	0.438%
5	3.065	255	257	264	rVB	36449	56897	1.89%	0.278%
6	4.199	369	372	377	rBV2	14915	36458	1.21%	0.178%
7	4.307	377	383	394	rVB	432538	1329517	44.06%	6.487%
8	5.047	449	458	472	rBV2	836166	2845671	94.30%	13.885%
9	5.776	524	532	541	rBV	1133000	3017592	100.00%	14.724%
10	7.708	723	728	742	rBV	880075	2088133	69.20%	10.189%
11	9.906	945	951	960	rBV	1094659	2402824	79.63%	11.725%
12	10.015	960	962	969	rVB6	10909	32508	1.08%	0.159%
13	10.261	982	987	990	rBV2	23673	56972	1.89%	0.278%
14	10.813	1040	1043	1047	rVB2	26914	45797	1.52%	0.223%
15	11.493	1108	1112	1121	rBV	668685	1084439	35.94%	5.292%
16	11.621	1123	1125	1128	rVV3	23280	43854	1.45%	0.214%
17	11.789	1138	1142	1146	rBV	51660	119006	3.94%	0.581%
18	11.897	1149	1153	1156	rVB	40024	66034	2.19%	0.322%
19	12.085	1169	1172	1176	rVB	51176	90371	2.99%	0.441%
20	12.272	1187	1191	1194	rVB	70259	107186	3.55%	0.523%
21	12.361	1197	1200	1204	rVB3	14949	37261	1.23%	0.182%
22	12.489	1207	1213	1222	rBV2	33067	99488	3.30%	0.485%
23	12.607	1222	1225	1229	rBV	990143	1536439	50.92%	7.497%
24	12.666	1229	1231	1236	rVB	116938	167894	5.56%	0.819%
25	12.785	1239	1243	1245	rBV2	62728	119135	3.95%	0.581%
26	12.824	1245	1247	1249	rVV	86810	115926	3.84%	0.566%
27	12.883	1249	1253	1260	rVB3	97630	225972	7.49%	1.103%
28	12.982	1260	1263	1267	rBV5	21176	41220	1.37%	0.201%
29	13.051	1267	1270	1275	rVB	71104	105344	3.49%	0.514%
30	13.139	1275	1279	1283	rBV2	67004	159878	5.30%	0.780%
31	13.199	1283	1285	1287	rBV	107588	142612	4.73%	0.696%
32	13.277	1291	1293	1297	rVB2	71672	149928	4.97%	0.732%
33	13.465	1310	1312	1317	rVB	37859	59785	1.98%	0.292%
34	13.534	1317	1319	1321	rBV2	53646	73520	2.44%	0.359%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062853.D
Acq On : 4 Jun 2019 21:54
Operator : FY/SY
Sample : K3151-03
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-06-060419-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_F\METHODS\82F053019S.M
Title : SW846 8260

35	13.583	1321	1324	1326	rVV	97414	135117	4.48%	0.659%
36	13.613	1326	1327	1330	rVV2	40643	49599	1.64%	0.242%
37	13.682	1332	1334	1336	rVB2	35244	43840	1.45%	0.214%
38	13.751	1336	1341	1344	rBV	207595	330124	10.94%	1.611%
39	13.800	1344	1346	1349	rVB3	46267	67344	2.23%	0.329%
40	13.849	1349	1351	1353	rBV	51360	67976	2.25%	0.332%
41	13.889	1353	1355	1359	rBV2	277156	475269	15.75%	2.319%
42	13.948	1359	1361	1364	rVB2	64382	108588	3.60%	0.530%
43	14.007	1364	1367	1371	rBV	201143	292618	9.70%	1.428%
44	14.086	1372	1375	1376	rBV	41354	51628	1.71%	0.252%
45	14.115	1376	1378	1381	rVB	83919	103018	3.41%	0.503%
46	14.184	1381	1385	1388	rBV3	106741	232503	7.70%	1.135%
47	14.253	1388	1392	1397	rVB2	113201	216381	7.17%	1.056%
48	14.441	1408	1411	1414	rBV2	102724	181382	6.01%	0.885%
49	14.500	1414	1417	1419	rBV2	65195	99097	3.28%	0.484%
50	14.628	1427	1430	1433	rVV	87846	141874	4.70%	0.692%
51	14.766	1441	1444	1451	rVB	278145	425190	14.09%	2.075%
52	14.914	1457	1459	1463	rVB	51433	76600	2.54%	0.374%
53	15.022	1467	1470	1473	rBV	121675	175397	5.81%	0.856%
54	15.140	1479	1482	1484	rBV	89073	144590	4.79%	0.706%
55	15.180	1484	1486	1492	rVB5	33011	85409	2.83%	0.417%
56	15.308	1492	1499	1502	rBV2	48848	112240	3.72%	0.548%
57	15.377	1502	1506	1509	rVV4	38365	81255	2.69%	0.396%
58	15.436	1509	1512	1518	rVB2	34803	69832	2.31%	0.341%
59	15.663	1531	1535	1541	rVB	30306	64550	2.14%	0.315%

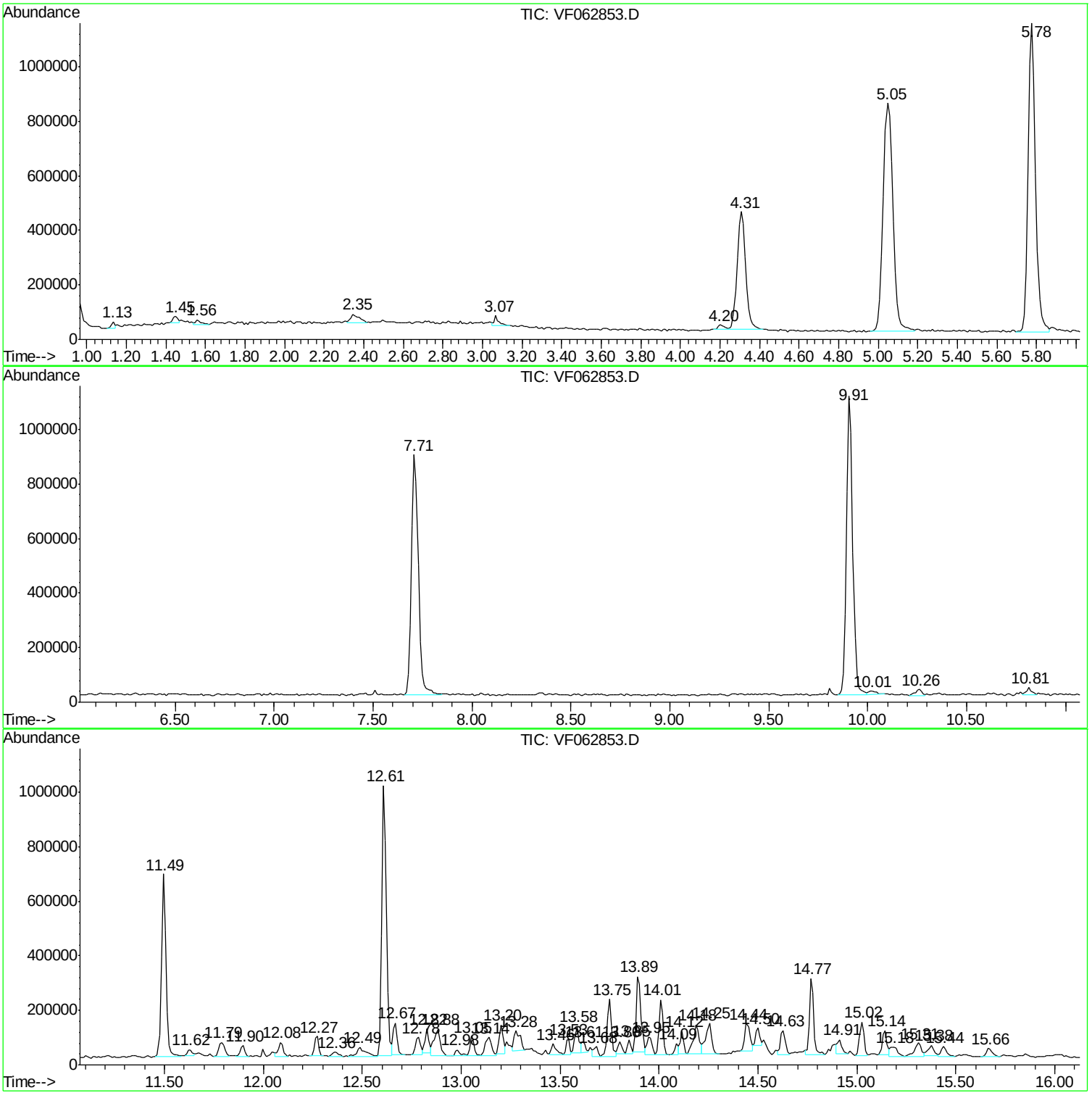
Sum of corrected areas: 20493847

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062853.D
Acq On : 4 Jun 2019 21:54
Operator : FY/SY
Sample : K3151-03
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AU-06-060419-B

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\VF060419\
Data File : VF062853.D
Acq On : 4 Jun 2019 21:54
Operator : FY/SY
Sample : K3151-03
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-06-060419-B

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

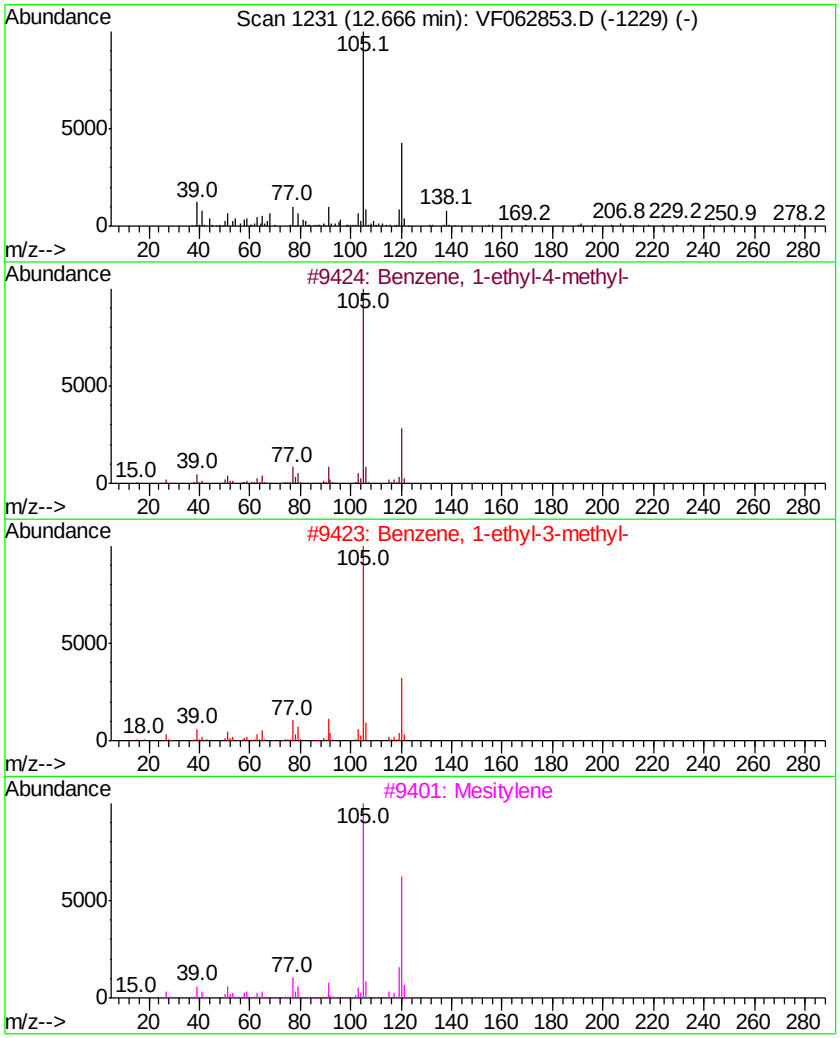
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

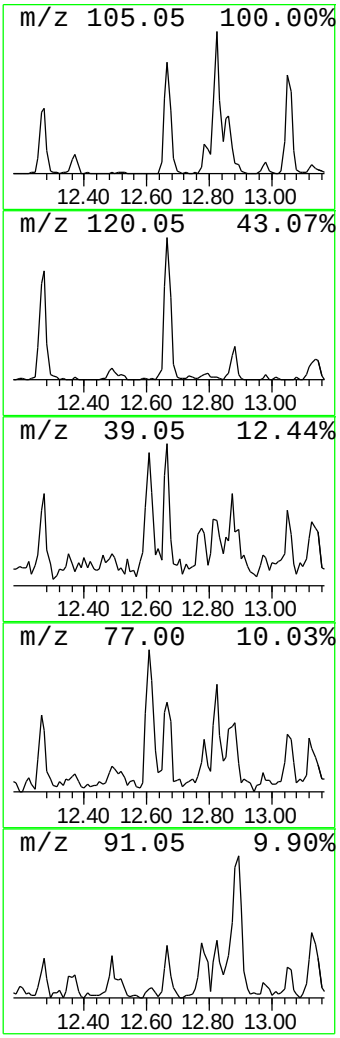
****

Peak Number 1 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	5.46 ug/l	167894	1,4-Dichlorobenzene-d4	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062853.D
Acq On : 4 Jun 2019 21:54
Operator : FY/SY
Sample : K3151-03
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-06-060419-B

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

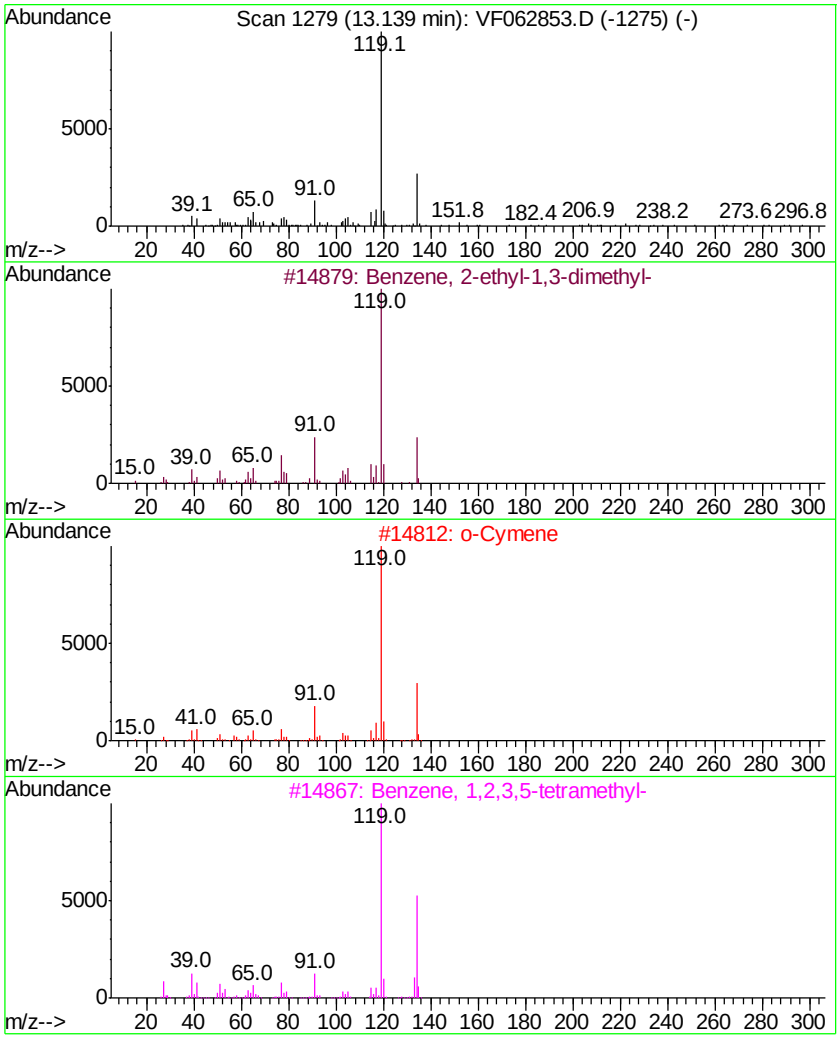
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

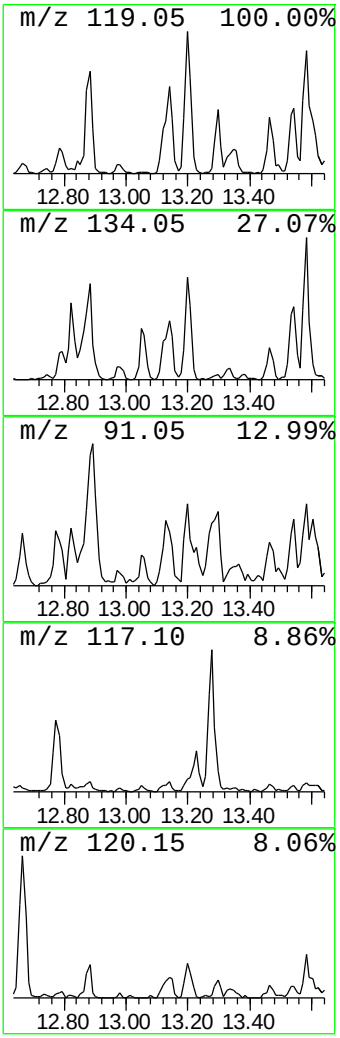
****

Peak Number 2 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	5.20 ug/l	159878	1,4-Dichlorobenzene-d4	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
2	o-Cymene	134	C10H14	000527-84-4	90
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062853.D
Acq On : 4 Jun 2019 21:54
Operator : FY/SY
Sample : K3151-03
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-06-060419-B

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

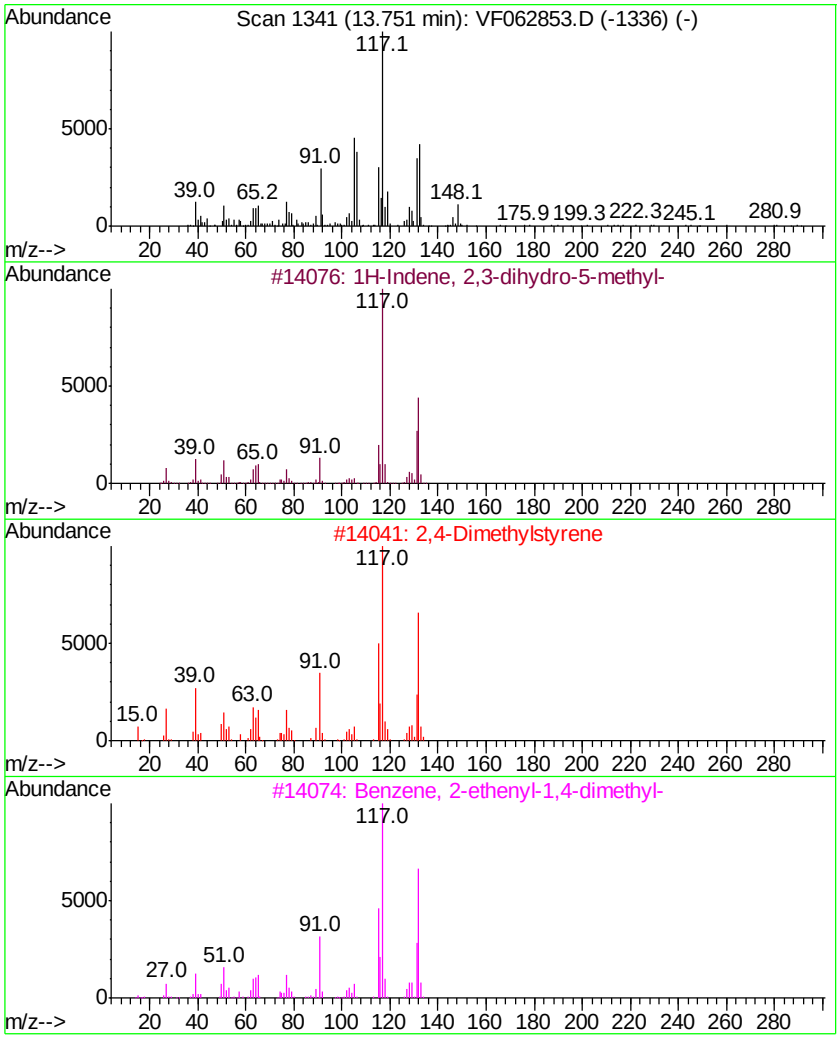
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

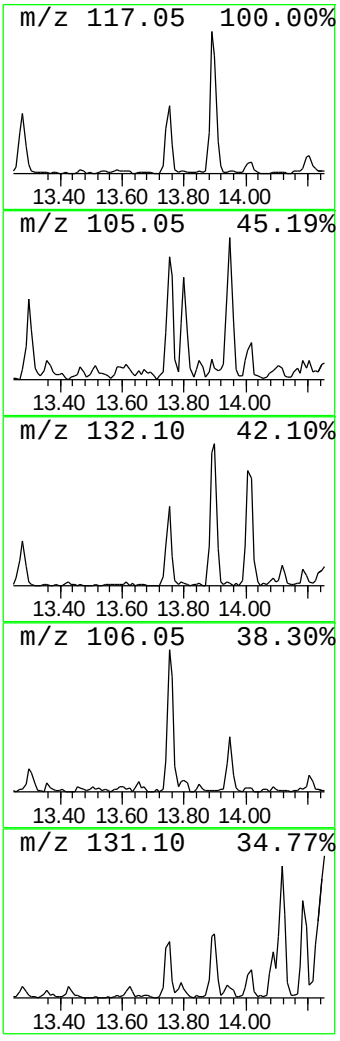
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	10.74 ug/l	330124	1,4-Dichlorobenzene-d4	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
4	3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062853.D
Acq On : 4 Jun 2019 21:54
Operator : FY/SY
Sample : K3151-03
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-06-060419-B

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

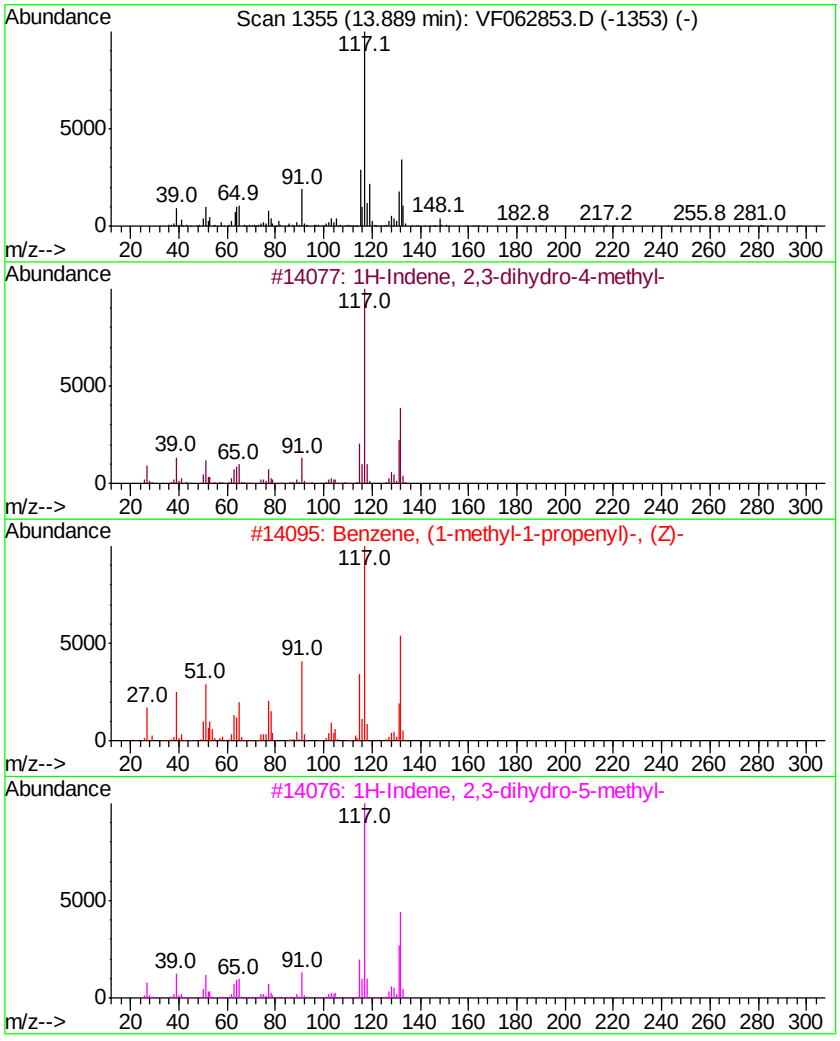
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

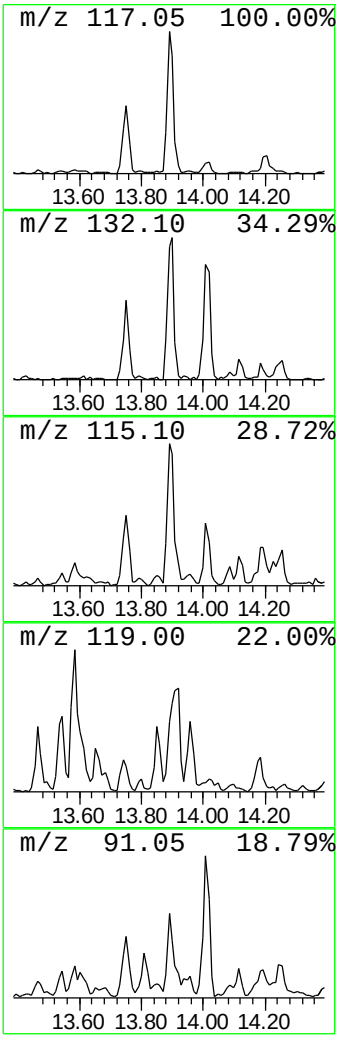
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	15.47 ug/l	475269	1,4-Dichlorobenzene-d4	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	80
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	74
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062853.D
Acq On : 4 Jun 2019 21:54
Operator : FY/SY
Sample : K3151-03
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-06-060419-B

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

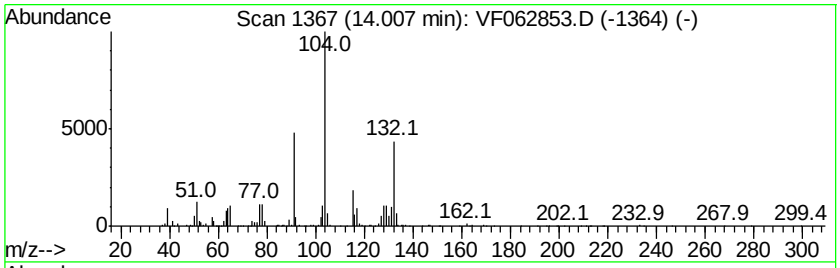
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

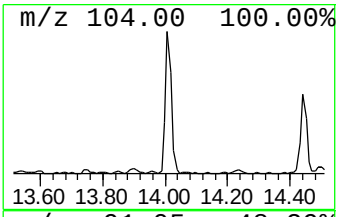
****

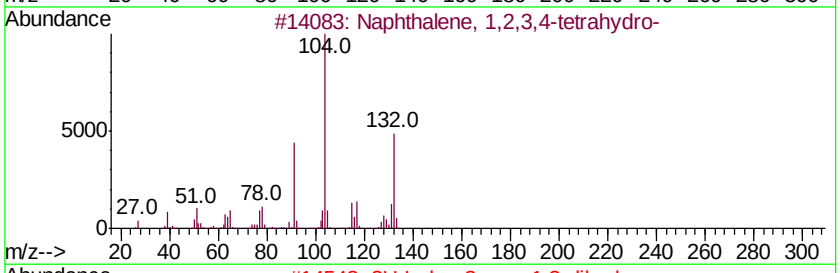
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

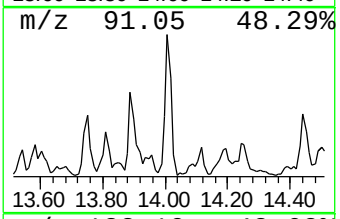
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	9.52 ug/l	292618	1,4-Dichlorobenzene-d4	12.61

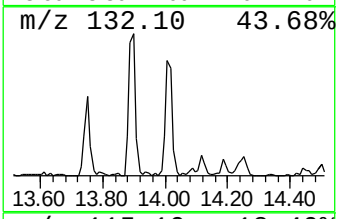
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	52
3	Indan, epoxide	132	C9H8O	000768-22-9	47
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	47
5	N-Ethylbenzimidoyl chloride	167	C9H10ClN	001006-93-5	38

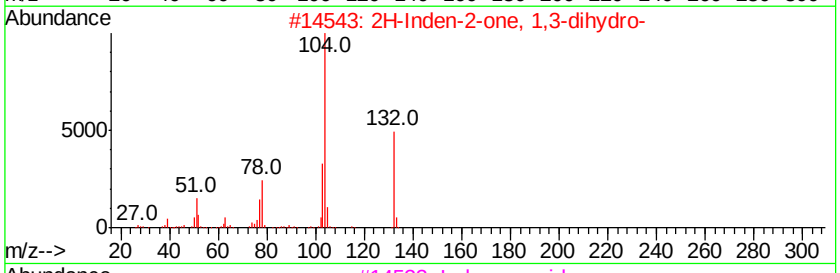


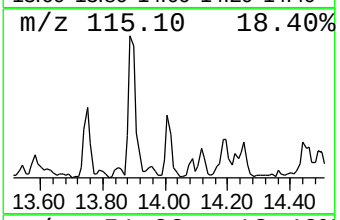


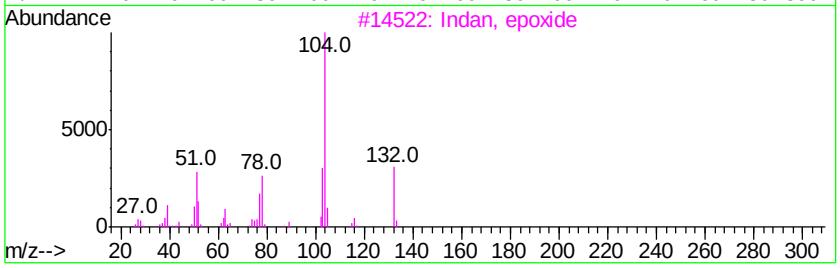


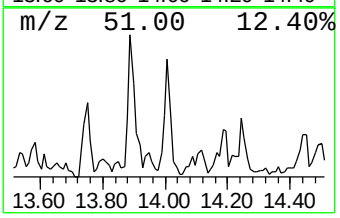












Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062853.D
Acq On : 4 Jun 2019 21:54
Operator : FY/SY
Sample : K3151-03
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-06-060419-B

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

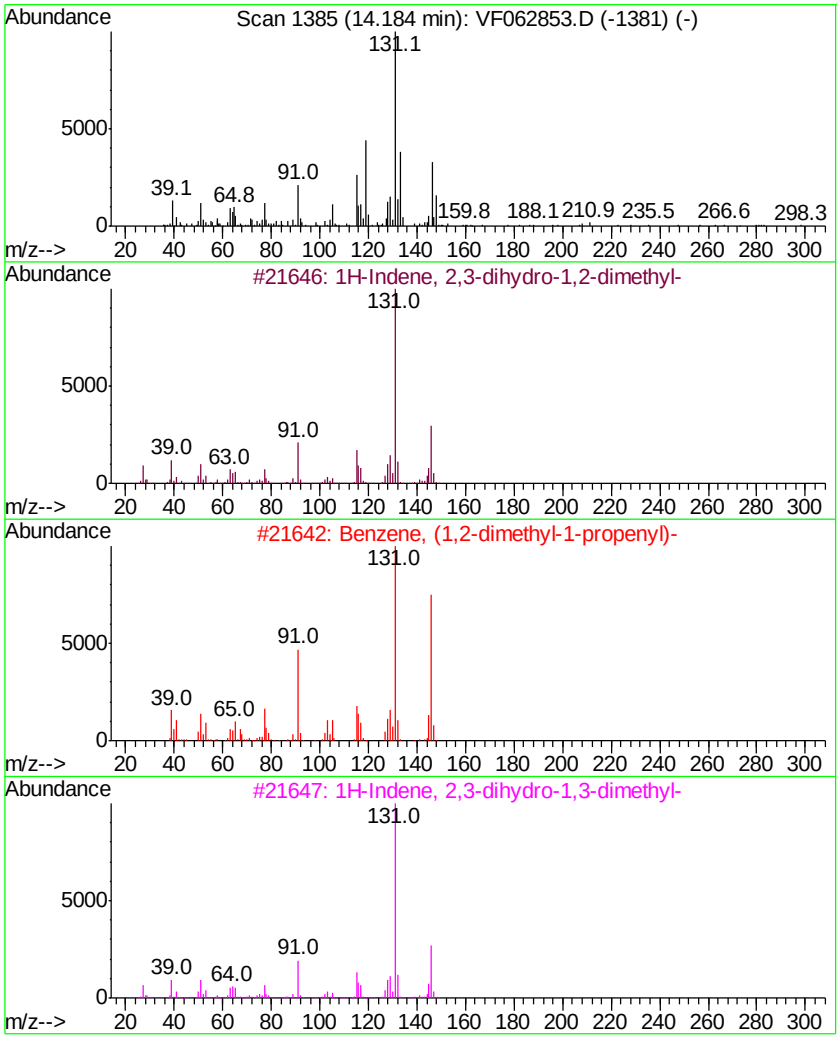
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

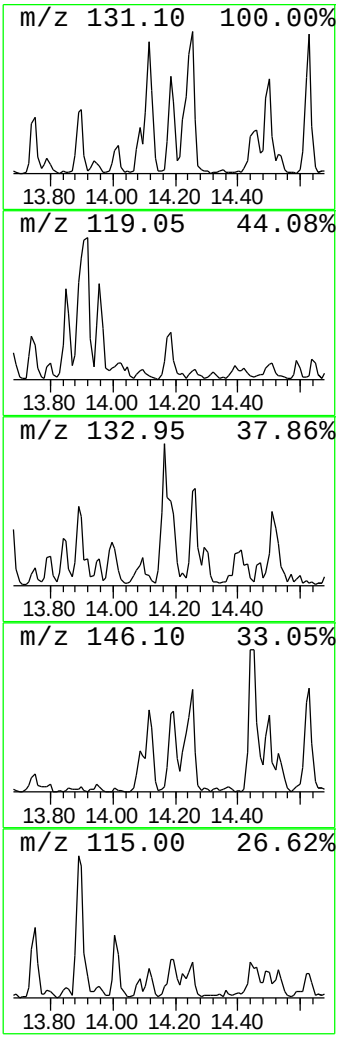
****

Peak Number 6 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	7.57 ug/l	232503	1,4-Dichlorobenzene-d4	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	78
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
Data File : VF062853.D
Acq On : 4 Jun 2019 21:54
Operator : FY/SY
Sample : K3151-03
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-06-060419-B

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

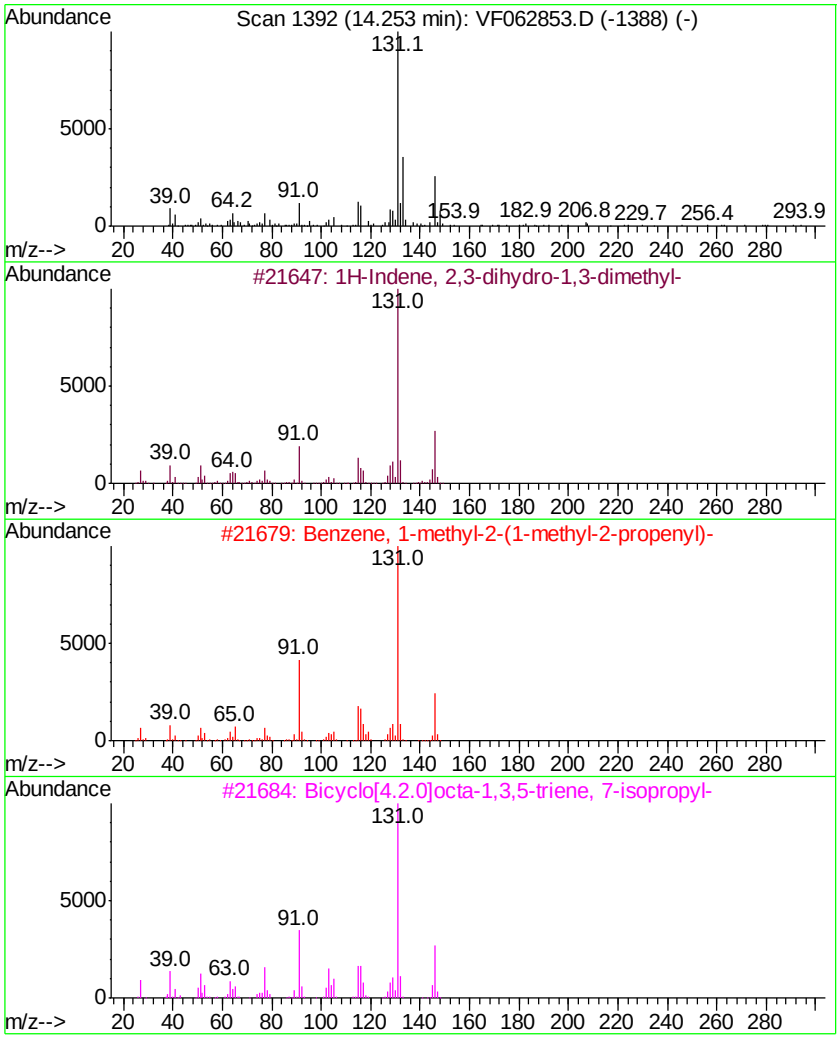
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

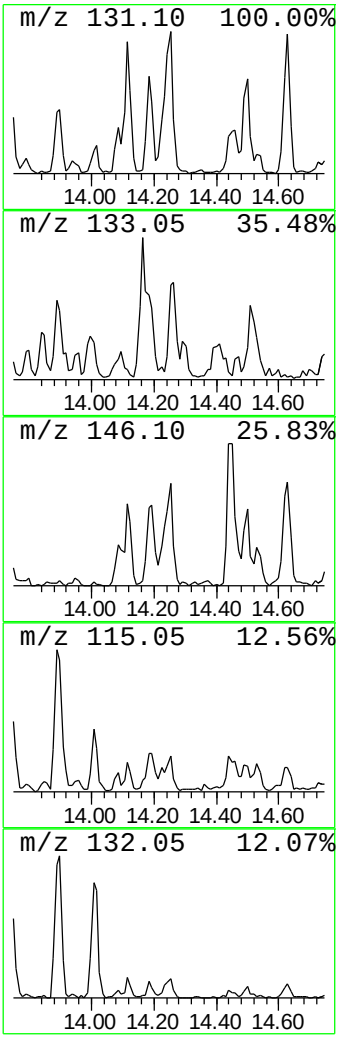
****

Peak Number 7 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	7.04 ug/l	216381	1,4-Dichlorobenzene-d4	12.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	81
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	74
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
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Sample : K3151-03
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-06-060419-B

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

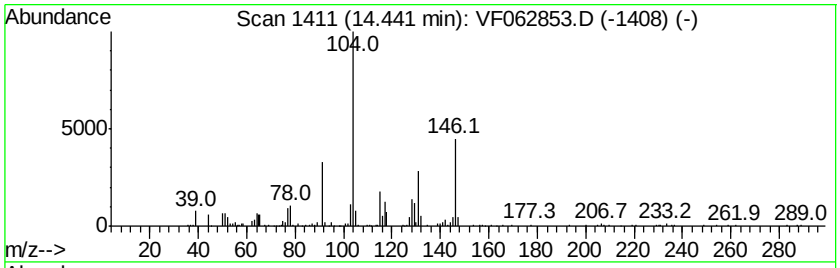
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

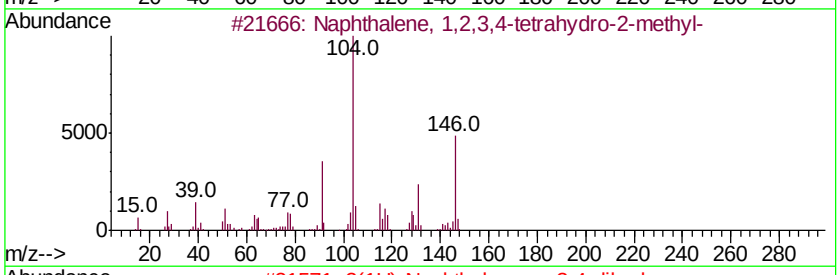
****

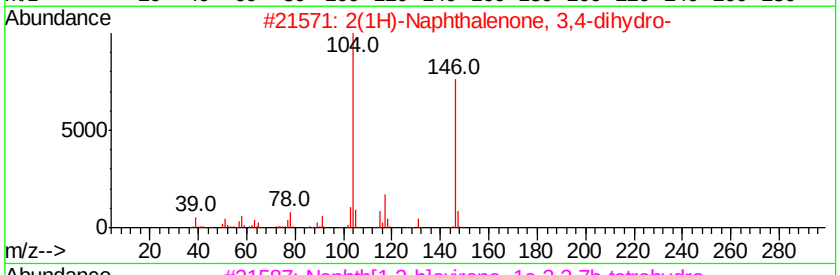
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

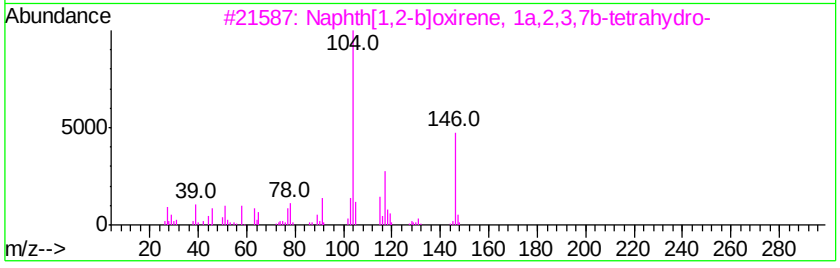
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	5.90 ug/l	181382	1,4-Dichlorobenzene-d4	12.61

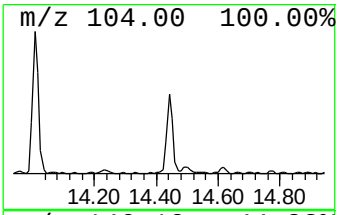
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	47
5	4-Methyl-6-phenyltetrahydro-1,3-...	207	C11H13NOS	086071-94-5	47

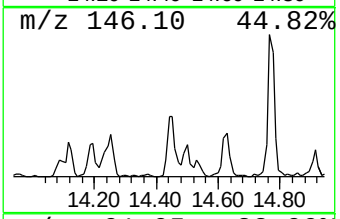


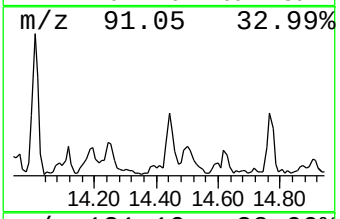


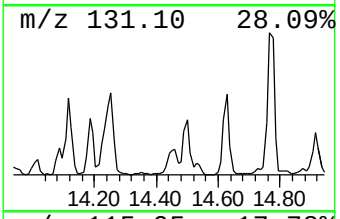


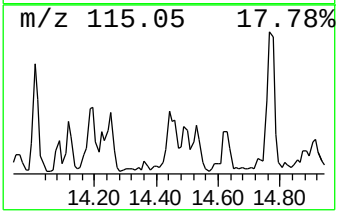












Library Search Compound Report

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Data File : VF062853.D
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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-06-060419-B

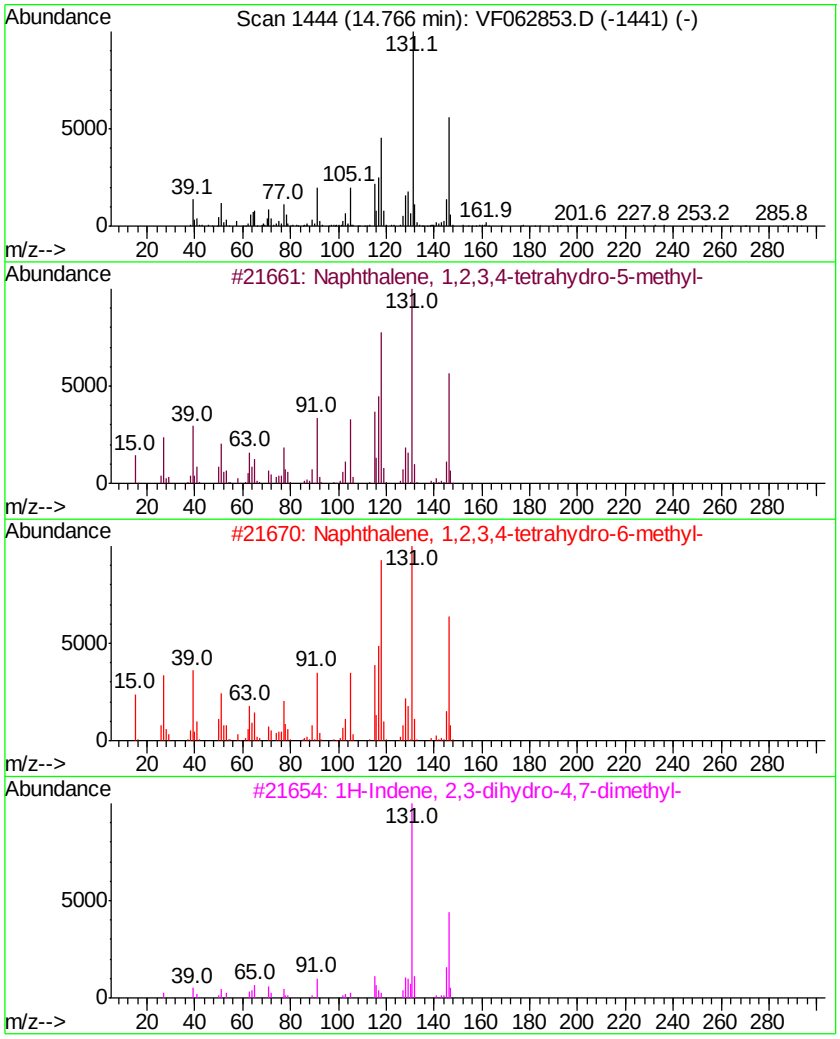
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260

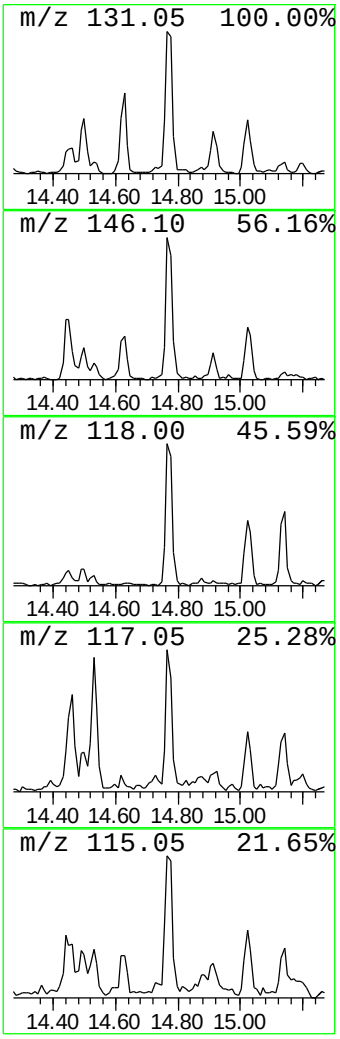
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	13.84 ug/l	425190	1,4-Dichlorobenzene-d4	12.61

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-4,7-dimet...	146	C11H14	006682-71-9	91
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF060419\
Data File : VF062853.D
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Operator : FY/SY
Sample : K3151-03
Misc : 5.28g/5mL/MSVOA_F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AU-06-060419-B

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
Benzene, 1-ethyl-...	12.67	5.5	ug/l	167894	4	12.61	1536440	50.0
Benzene, 2-ethyl-...	13.14	5.2	ug/l	159878	4	12.61	1536440	50.0
1H-Indene, 2,3-di...	13.75	10.7	ug/l	330124	4	12.61	1536440	50.0
1H-Indene, 2,3-di...	13.89	15.5	ug/l	475269	4	12.61	1536440	50.0
Naphthalene, 1,2,...	14.01	9.5	ug/l	292618	4	12.61	1536440	50.0
1H-Indene, 2,3-di...	14.18	7.6	ug/l	232503	4	12.61	1536440	50.0
1H-Indene, 2,3-di...	14.25	7.0	ug/l	216381	4	12.61	1536440	50.0
Naphthalene, 1,2,...	14.44	5.9	ug/l	181382	4	12.61	1536440	50.0
Naphthalene, 1,2,...	14.77	13.8	ug/l	425190	4	12.61	1536440	50.0